

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009498.D
 Acq On : 08 Jul 2022 21:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 11 02:17:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	153743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	237768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	223214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142203	50.000	ug/l	0.00

07/11/2022
 Supervised By :Mahesh
 Dadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	46630	42.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.040%
35) Dibromofluoromethane	7.710	113	54997	43.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.920%
50) Toluene-d8	10.173	98	150275	42.610	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	85.220%
62) 4-Bromofluorobenzene	12.477	95	80301	45.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	90.940%

07/11/2022

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	85429	72.459	ug/l	99
3) Chloromethane	2.107	50	83671	63.550	ug/l	93
4) Vinyl Chloride	2.241	62	90386	60.297	ug/l	99
5) Bromomethane	2.638	94	63029	58.526	ug/l	95
6) Chloroethane	2.784	64	53546	61.183	ug/l	99
7) Trichlorofluoromethane	3.113	101	115386	57.654	ug/l	91
8) Diethyl Ether	3.522	74	38551	50.348	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.893	101	66081	48.732	ug/l	90
10) Methyl Iodide	4.082	142	96368	52.648	ug/l	91
11) Tert butyl alcohol	4.948	59	33473	159.760	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	65265	51.892	ug/l #	78
13) Acrolein	3.723	56	19962	174.514	ug/l	99
14) Allyl chloride	4.466	41	90539	41.840	ug/l #	91
15) Acrylonitrile	5.149	53	91002	215.995	ug/l	98
16) Acetone	3.942	43	69231	185.108	ug/l	90
17) Carbon Disulfide	4.186	76	191380	46.162	ug/l	98
18) Methyl Acetate	4.466	43	54688	49.802	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	186607	49.021	ug/l	91
20) Methylene Chloride	4.704	84	77524	43.129	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	74969	50.872	ug/l #	82
22) Diisopropyl ether	6.113	45	199261	43.313	ug/l #	93
23) Vinyl Acetate	6.052	43	635963	198.642	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	120252	46.352	ug/l	98
25) 2-Butanone	6.978	43	114349	189.001	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	91466	35.771	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	87280	50.307	ug/l	80
28) Bromochloromethane	7.326	49	46066	42.247	ug/l #	67
29) Tetrahydrofuran	7.338	42	77513	198.079	ug/l #	83
30) Chloroform	7.496	83	135617	47.763	ug/l	98
31) Cyclohexane	7.777	56	100278	39.756	ug/l #	84
32) 1,1,1-Trichloroethane	7.691	97	124374	49.683	ug/l	95
36) 1,1-Dichloropropene	7.911	75	96800	47.526	ug/l	96
37) Ethyl Acetate	7.070	43	51980	40.714	ug/l #	93
38) Carbon Tetrachloride	7.893	117	114749	52.678	ug/l	97
39) Methylcyclohexane	9.173	83	118790	48.588	ug/l #	86
40) Benzene	8.155	78	286634	47.925	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009498.D
 Acq On : 08 Jul 2022 21:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 11 02:17:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	28899m	43.591	ug/l	92
42) 1,2-Dichloroethane	8.228	62	90205	50.237	ug/l	92
43) Isopropyl Acetate	8.265	43	100979	42.390	ug/l #	90
44) Trichloroethene	8.935	130	92060	54.487	ug/l	88
45) 1,2-Dichloropropane	9.210	63	68430	45.210	ug/l	96
46) Dibromomethane	9.301	93	47114	53.034	ug/l	96
47) Bromodichloromethane	9.490	83	108012	51.082	ug/l	99
48) Methyl methacrylate	9.289	41	45521	44.352	ug/l #	79
49) 1,4-Dioxane	9.289	88	12345	943.612	ug/l	87
51) 4-Methyl-2-Pentanone	10.063	43	279181	222.852	ug/l	93
52) Toluene	10.240	92	189710	49.776	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	105978	47.561	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	114726	46.174	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	62577	48.828	ug/l	97
56) Ethyl methacrylate	10.508	69	83822	49.264	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	105116	49.754	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	194911	234.496	ug/l #	88
59) 2-Hexanone	10.825	43	196025	225.814	ug/l	92
60) Dibromochloromethane	10.977	129	84867	54.684	ug/l	100
61) 1,2-Dibromoethane	11.087	107	65410	53.238	ug/l	98
64) Tetrachloroethene	10.715	164	103536	55.478	ug/l	98
65) Chlorobenzene	11.514	112	217161	49.536	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	86294	52.329	ug/l	99
67) Ethyl Benzene	11.587	91	361275	47.205	ug/l	96
68) m/p-Xylenes	11.697	106	294727	98.741	ug/l	89
69) o-Xylene	12.026	106	143866	50.285	ug/l	88
70) Styrene	12.038	104	242898	50.829	ug/l	96
71) Bromoform	12.203	173	59145	56.272	ug/l #	99
73) Isopropylbenzene	12.325	105	370299	38.076	ug/l	97
74) N-amyl acetate	12.136	43	94411	34.120	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.575	83	70466	36.187	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	59571m	39.573	ug/l	
77) Bromobenzene	12.605	156	97684	41.259	ug/l	88
78) n-propylbenzene	12.666	91	469941	39.997	ug/l	97
79) 2-Chlorotoluene	12.752	91	288657	43.883	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	378313	46.539	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	23283	31.655	ug/l	90
82) 4-Chlorotoluene	12.849	91	346417	50.252	ug/l	97
83) tert-Butylbenzene	13.069	119	375051	51.859	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	416051	51.420	ug/l	96
85) sec-Butylbenzene	13.245	105	530039	49.764	ug/l	98
86) p-Isopropyltoluene	13.367	119	439988	49.558	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	233419	49.946	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	236634	50.028	ug/l	98
89) n-Butylbenzene	13.690	91	400806	48.344	ug/l	97
90) Hexachloroethane	13.959	117	87195	50.055	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	218337	50.991	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	18383	53.861	ug/l	73
93) 1,2,4-Trichlorobenzene	15.001	180	132081	50.577	ug/l	98
94) Hexachlorobutadiene	15.105	225	71749	49.973	ug/l	99
95) Naphthalene	15.233	128	310271	57.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	119973	53.041	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
Data File : VY009498.D
Acq On : 08 Jul 2022 21:16
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

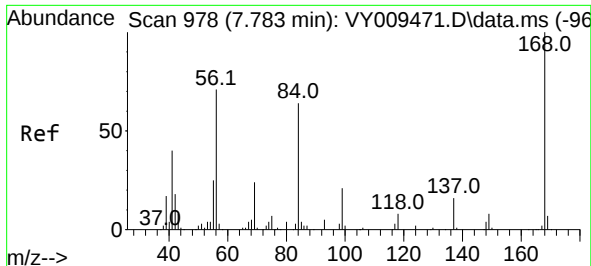
Quant Time: Jul 11 02:17:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

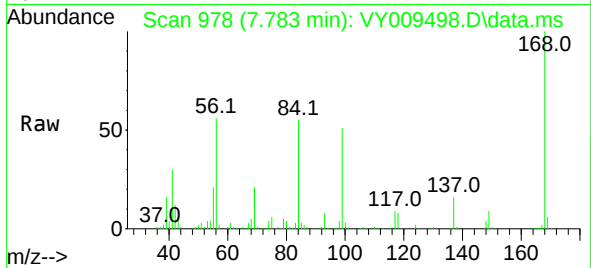
07/11/2022
Supervised By :Mahesh
Dadoda

07/11/2022



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

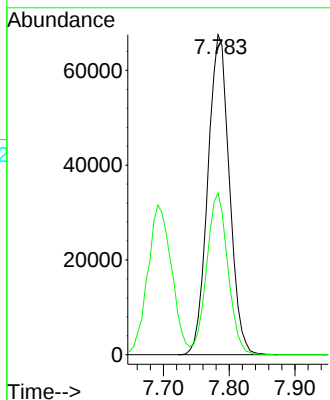
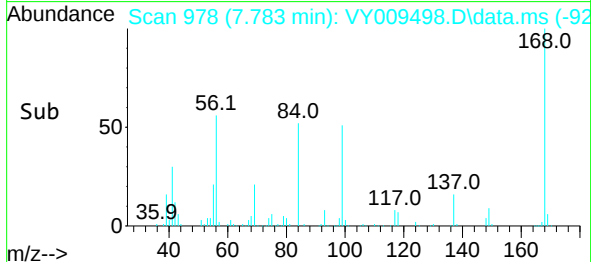
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 15374
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3

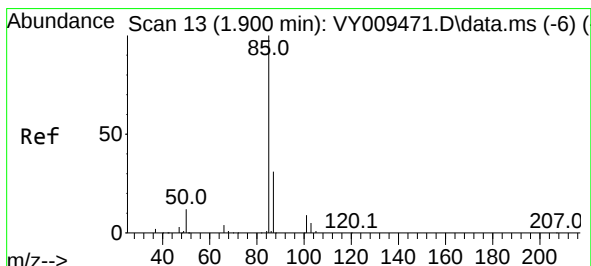
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



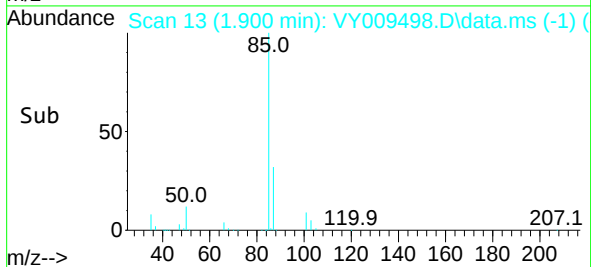
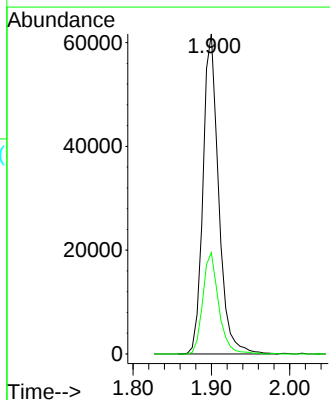
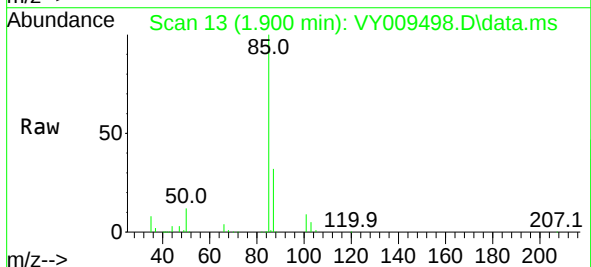
07/11/2022
Supervised By :Mahesh
Dadoda

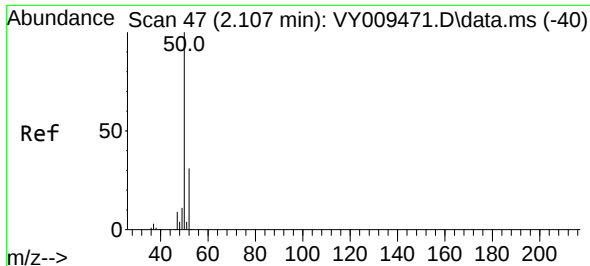
07/11/2022



#2
Dichlorodifluoromethane
Concen: 72.459 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

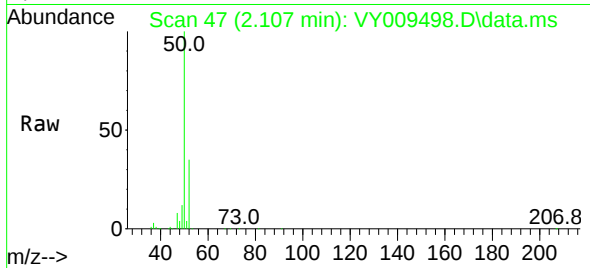
Tgt Ion: 85 Resp: 85429
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2





#3
Chloromethane
Concen: 63.550 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

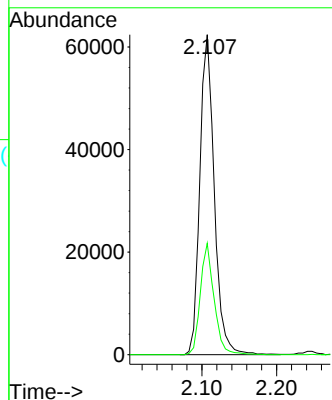
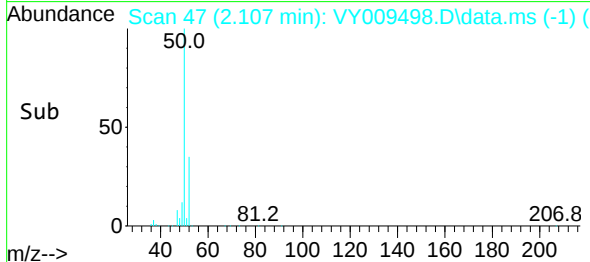
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 8367
Ion Ratio Lower Upper
50 100
52 34.8 24.6 37.0

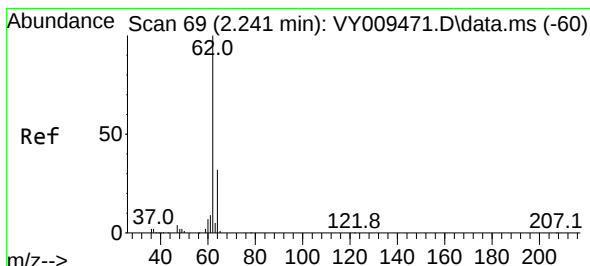
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

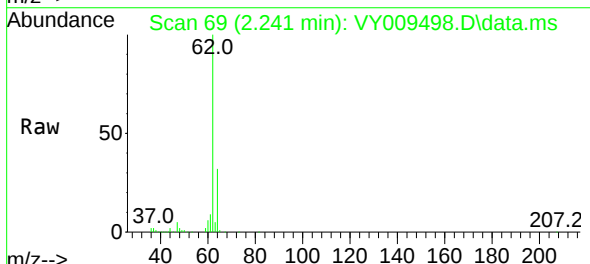


07/11/2022
Supervised By :Mahesh
Dadoda

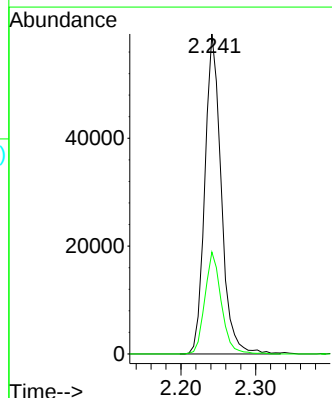
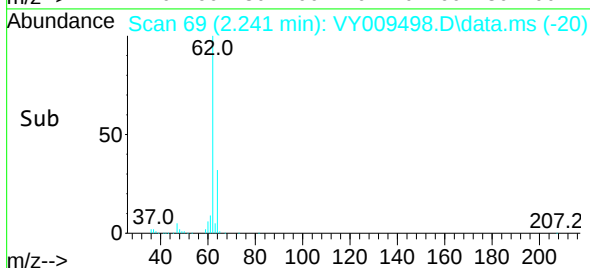
07/11/2022

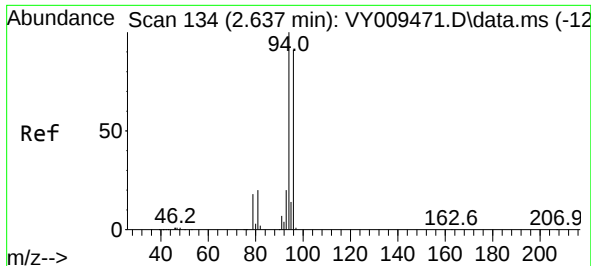


#4
Vinyl Chloride
Concen: 60.297 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16



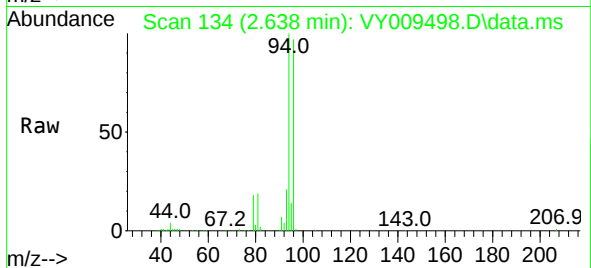
Tgt Ion: 62 Resp: 90386
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6





#5
Bromomethane
Concen: 58.526 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

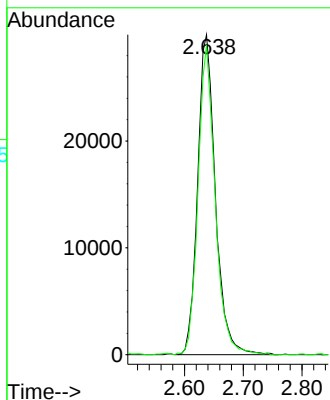
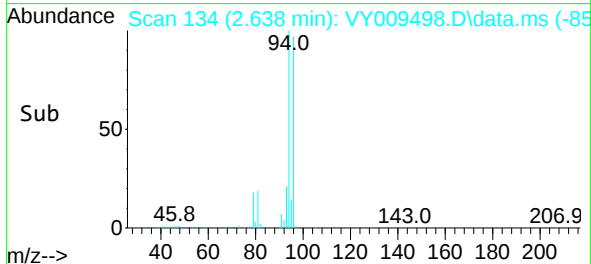
Instrument :
MSVOA_Y
Client Sample Id :
VSTDCCC050EC



Tgt Ion: 94 Resp: 63029
Ion Ratio Lower Upper
94 100
96 96.7 73.5 110.3

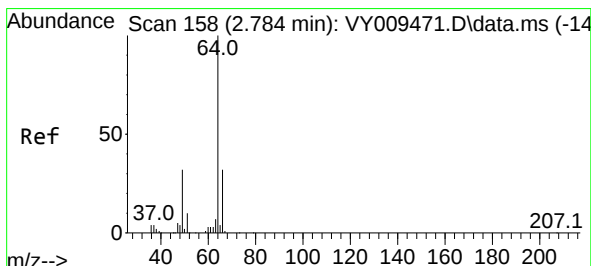
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



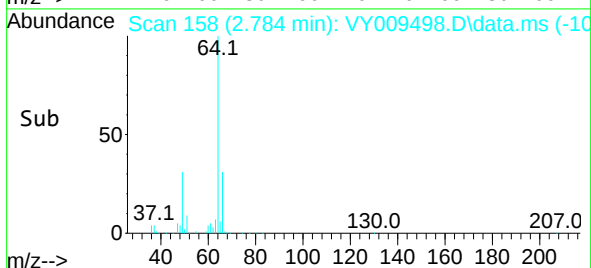
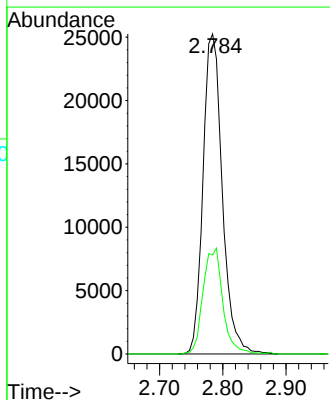
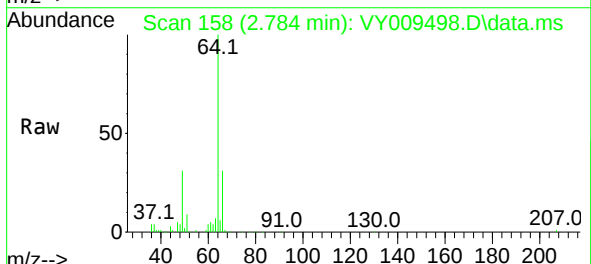
07/11/2022
Supervised By :Mahesh
Dadoda

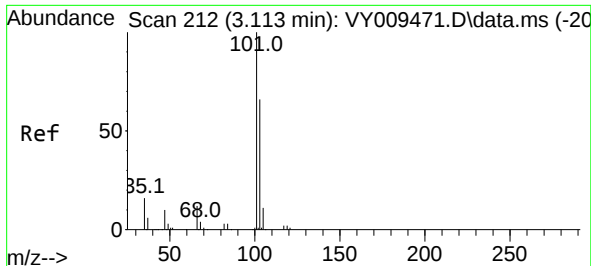
07/11/2022



#6
Chloroethane
Concen: 61.183 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

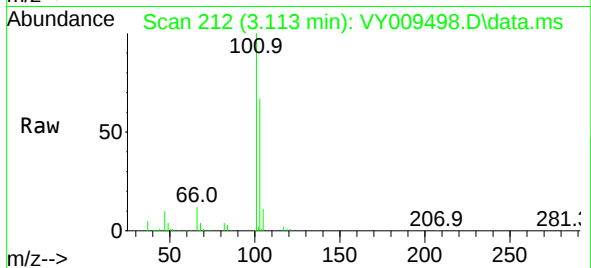
Tgt Ion: 64 Resp: 53546
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.0





#7
Trichlorofluoromethane
Concen: 57.654 ug/l
RT: 3.113 min Scan# 212
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

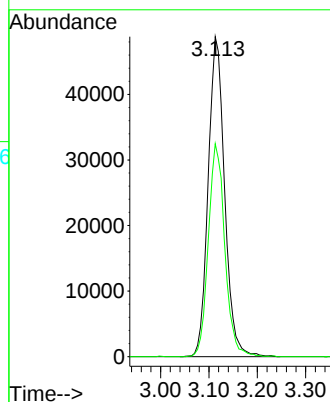
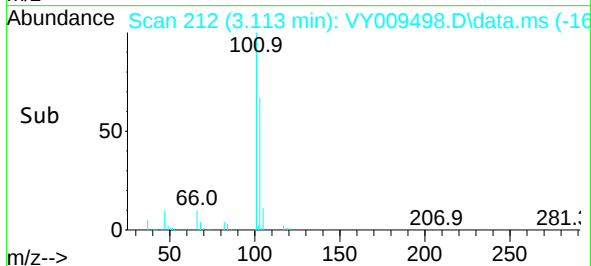
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 115380
Ion Ratio Lower Upper
101 100
103 66.6 48.0 72.0

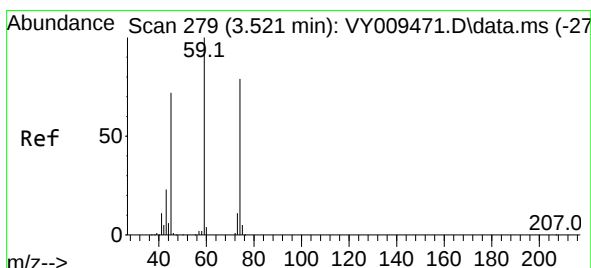
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



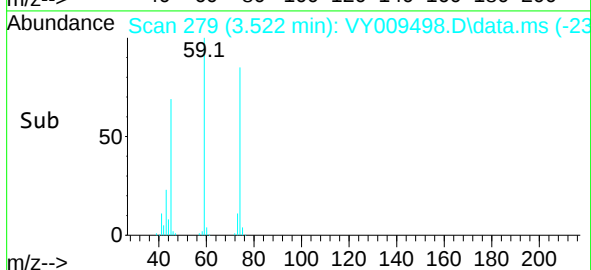
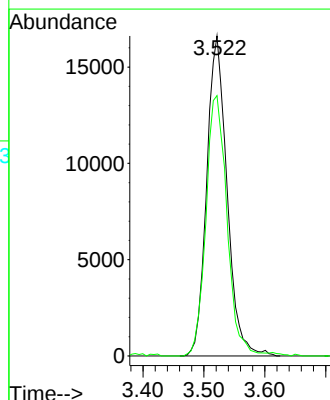
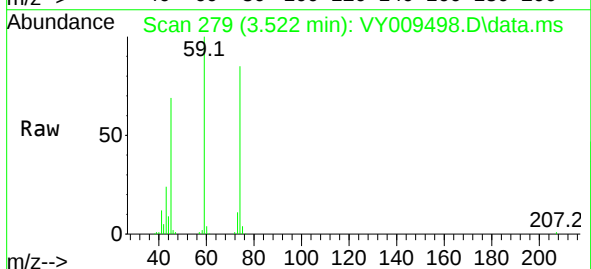
07/11/2022
Supervised By :Mahesh
Dadoda

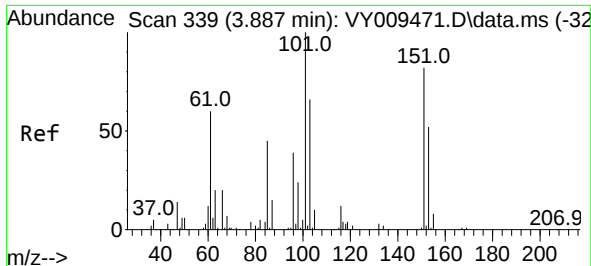
07/11/2022



#8
Diethyl Ether
Concen: 50.348 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.001 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

Tgt Ion: 74 Resp: 38551
Ion Ratio Lower Upper
74 100
45 84.3 55.1 165.5





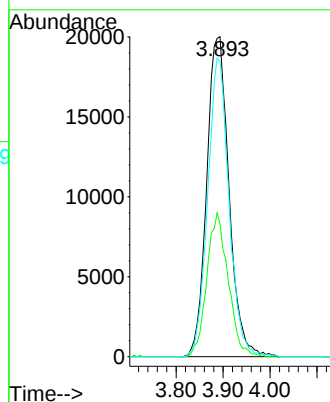
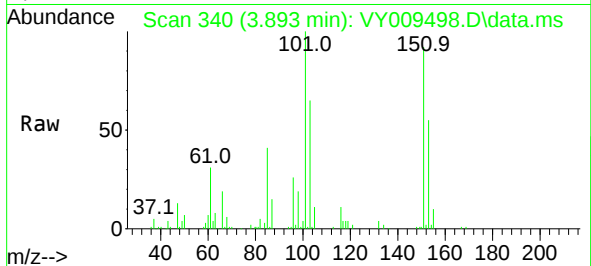
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.732 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 6608
Ion Ratio Lower Upper
101 100
85 43.0 40.6 60.8
151 89.2 64.9 97.3

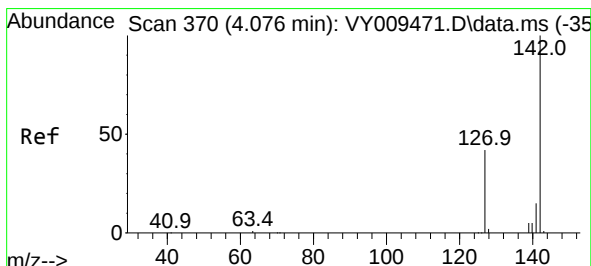
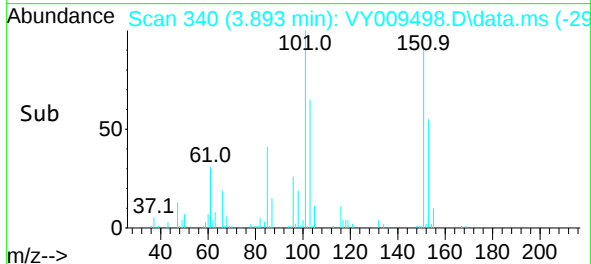
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



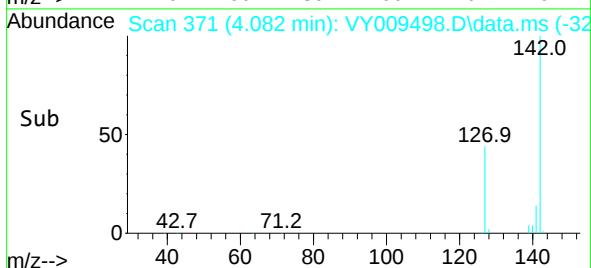
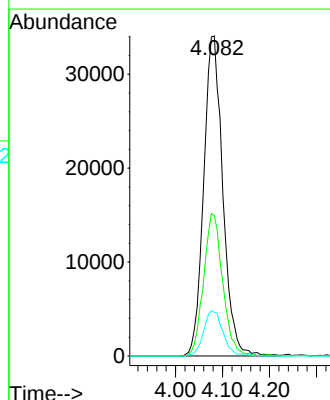
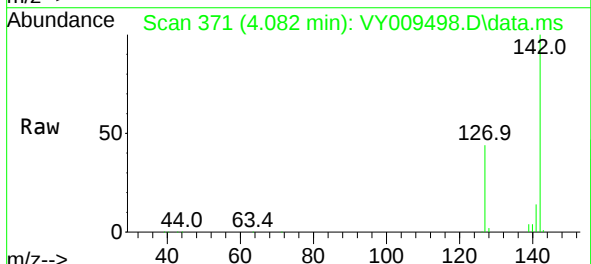
07/11/2022
Supervised By :Mahesh
Dadoda

07/11/2022



#10
Methyl Iodide
Concen: 52.648 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

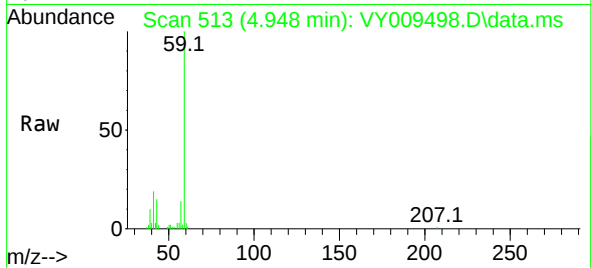
Tgt Ion:142 Resp: 96368
Ion Ratio Lower Upper
142 100
127 44.4 41.5 62.3
141 14.4 11.9 17.9





#11
Tert butyl alcohol
Concen: 159.760 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

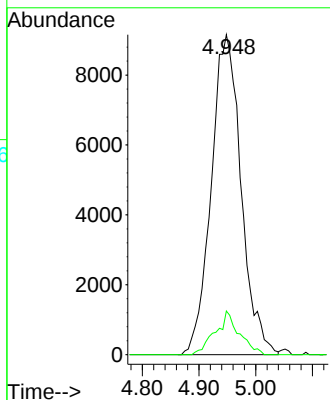
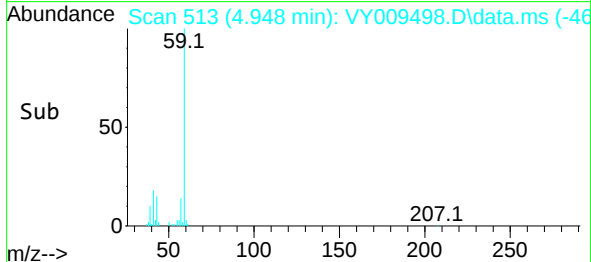
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 3347
Ion Ratio Lower Upper
59 100
57 10.9 6.4 9.6

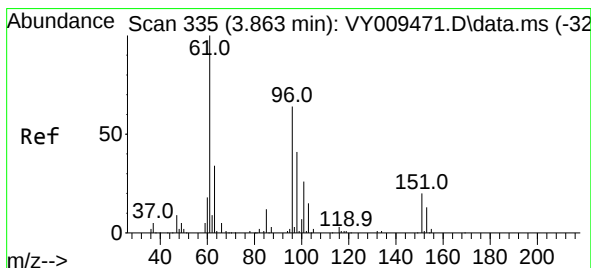
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



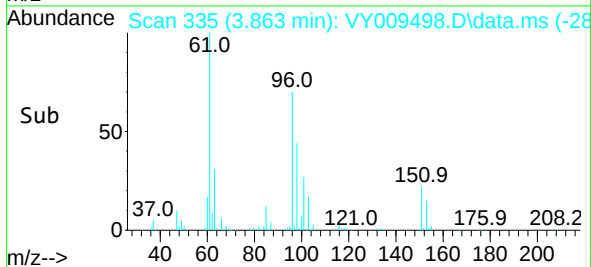
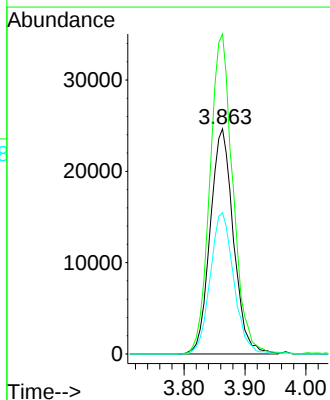
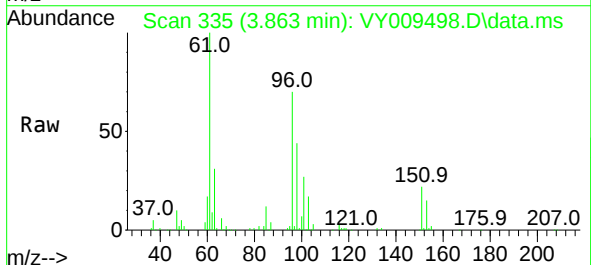
07/11/2022
Supervised By :Mahesh
Dadoda

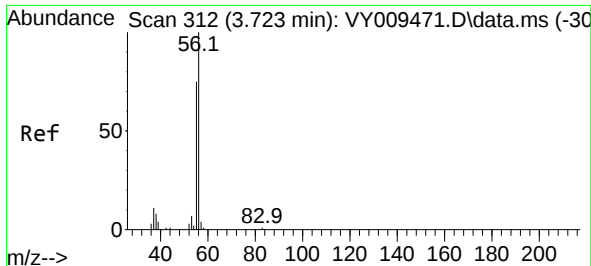
07/11/2022



#12
1,1-Dichloroethene
Concen: 51.892 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

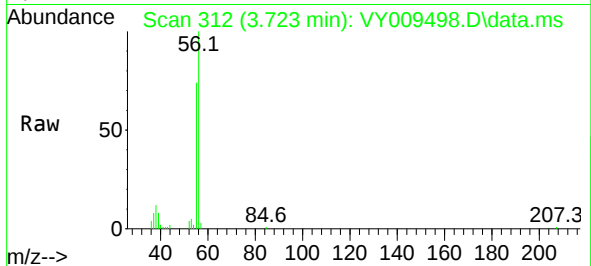
Tgt Ion: 96 Resp: 65265
Ion Ratio Lower Upper
96 100
61 142.2 145.8 218.6#
98 62.8 52.5 78.7





#13
Acrolein
Concen: 174.514 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

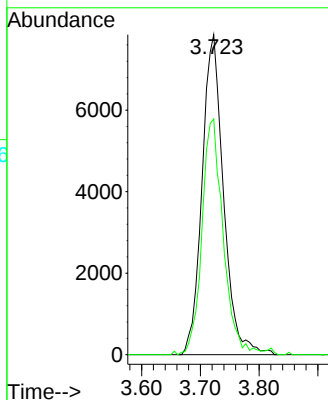
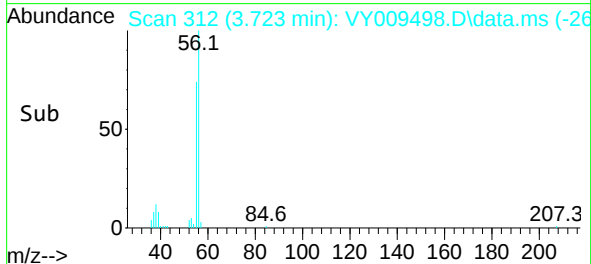
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 19962
Ion Ratio Lower Upper
56 100
55 72.6 57.6 86.4

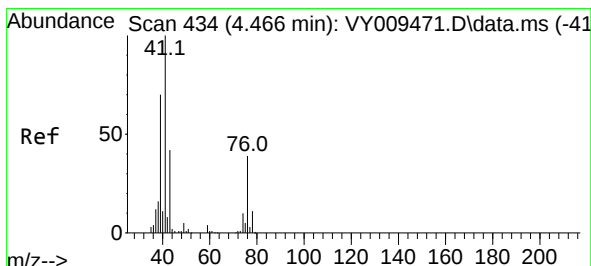
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

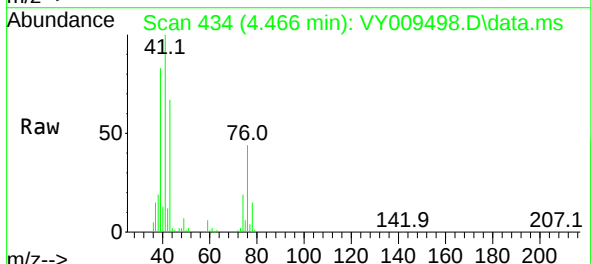


07/11/2022
Supervised By :Mahesh
Dadoda

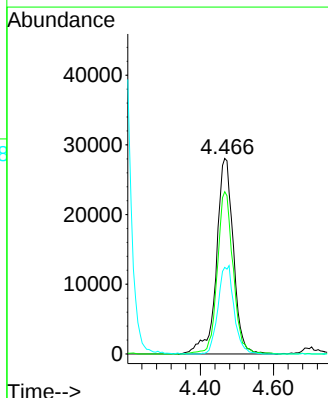
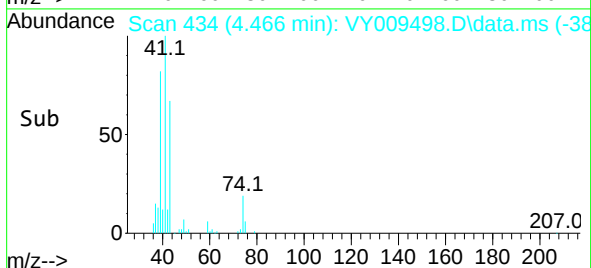
07/11/2022

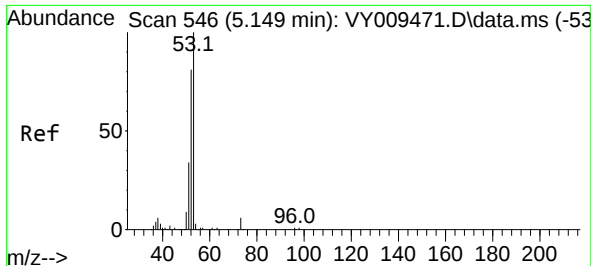


#14
Allyl chloride
Concen: 41.840 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16



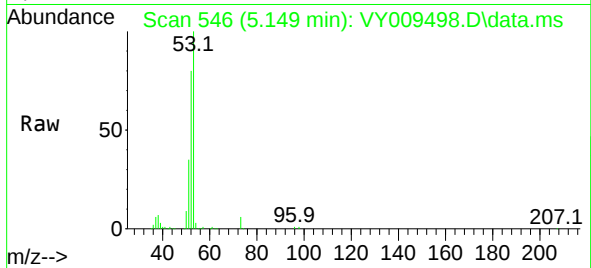
Tgt Ion: 41 Resp: 90539
Ion Ratio Lower Upper
41 100
39 77.1 58.8 88.2
76 42.5 25.1 37.7#





#15
Acrylonitrile
Concen: 215.995 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

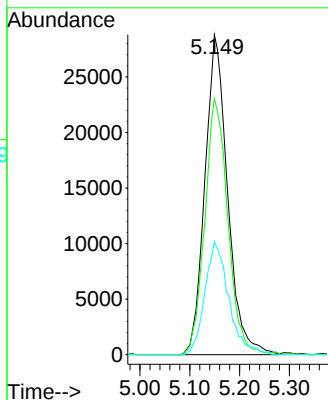
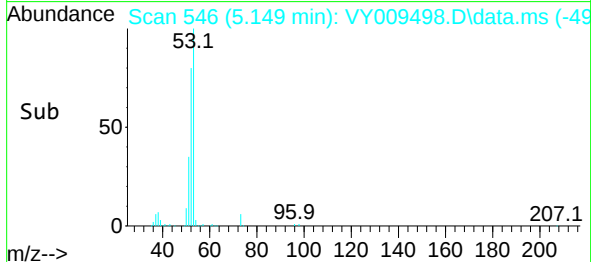
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 91002
Ion Ratio Lower Upper
53 100
52 81.0 67.0 100.4
51 37.2 29.8 44.6

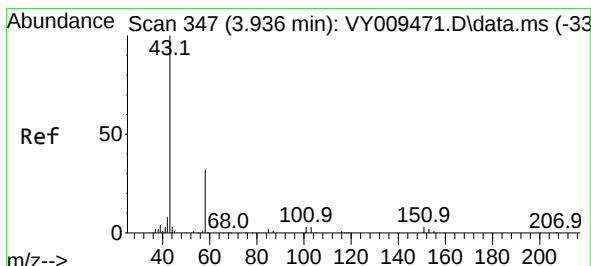
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

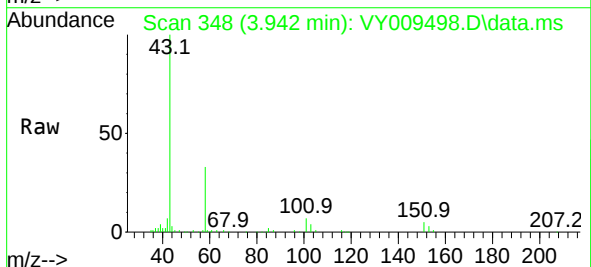


07/11/2022
Supervised By :Mahesh
Dadoda

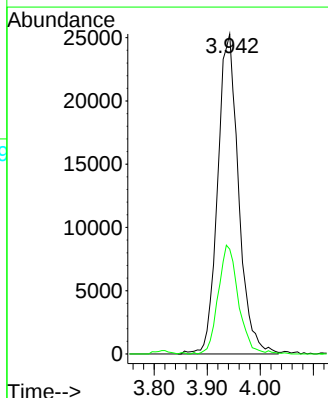
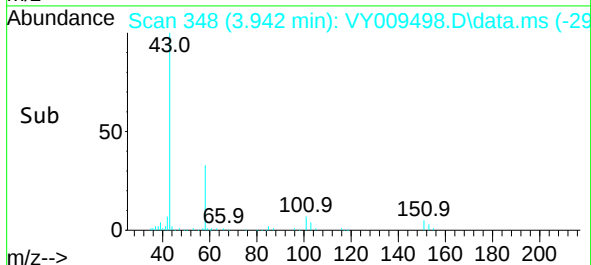
07/11/2022

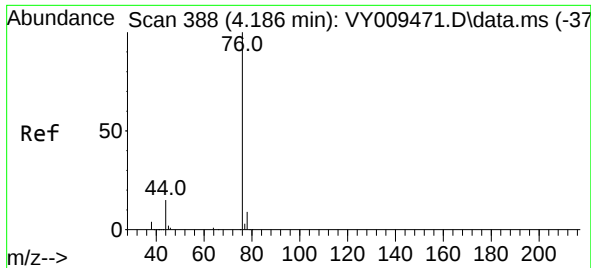


#16
Acetone
Concen: 185.108 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16



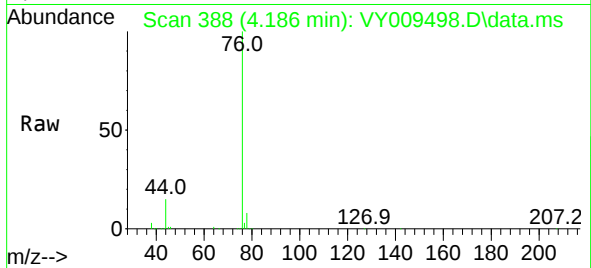
Tgt Ion: 43 Resp: 69231
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0





#17
Carbon Disulfide
Concen: 46.162 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

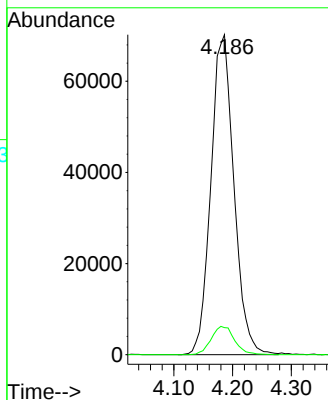
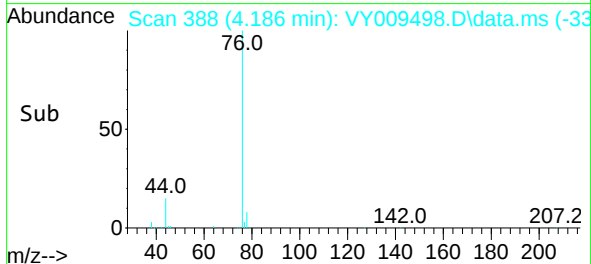
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 191380
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

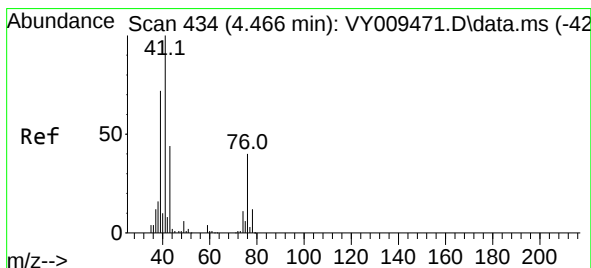
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



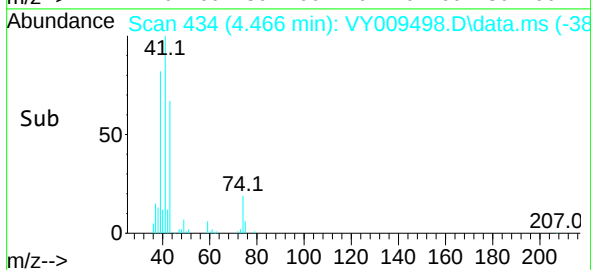
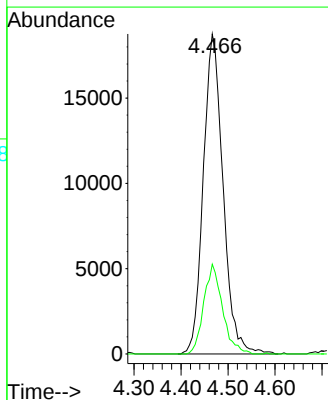
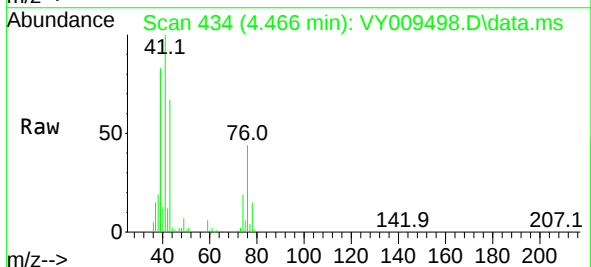
07/11/2022
Supervised By :Mahesh
Dadoda

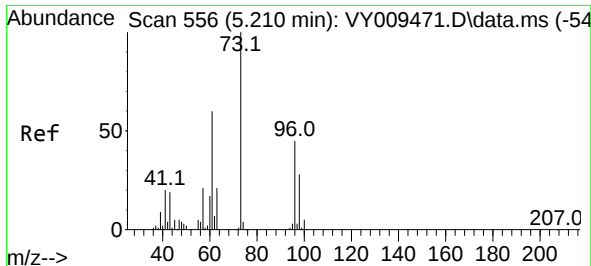
07/11/2022



#18
Methyl Acetate
Concen: 49.802 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

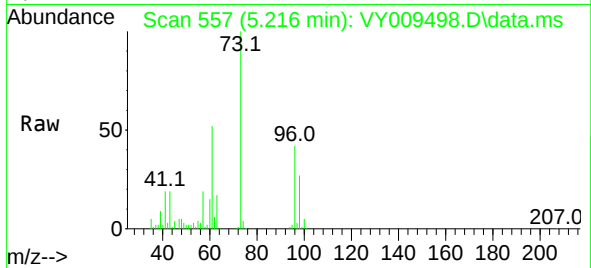
Tgt Ion: 43 Resp: 54688
Ion Ratio Lower Upper
43 100
74 26.6 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 49.021 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

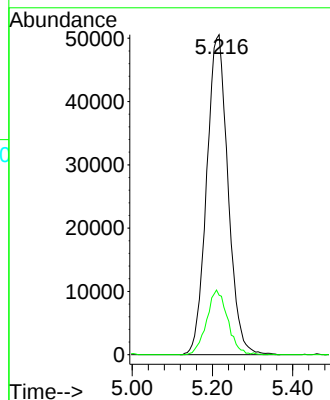
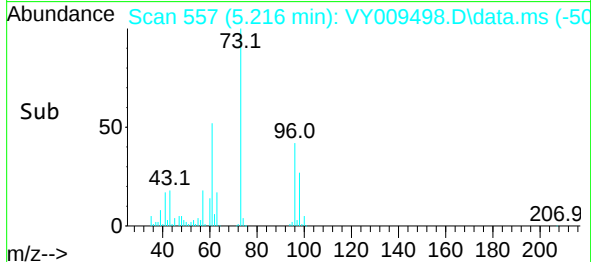
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 18660
Ion Ratio Lower Upper
73 100
57 18.6 18.6 27.8

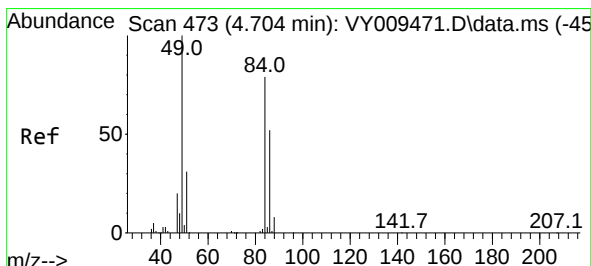
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



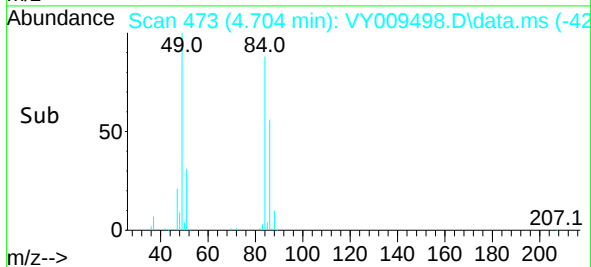
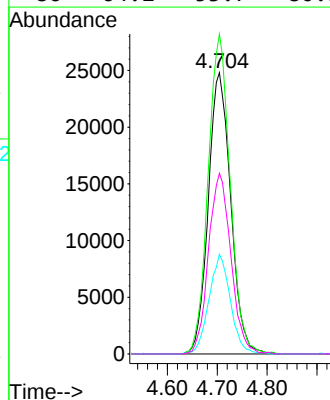
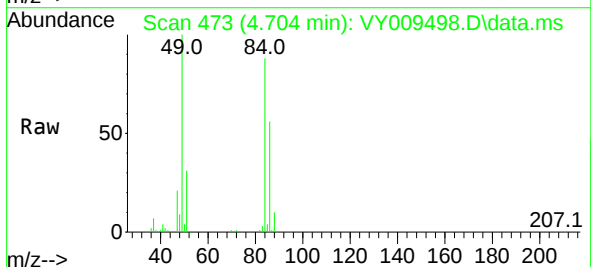
07/11/2022
Supervised By :Mahesh
Dadoda

07/11/2022



#20
Methylene Chloride
Concen: 43.129 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

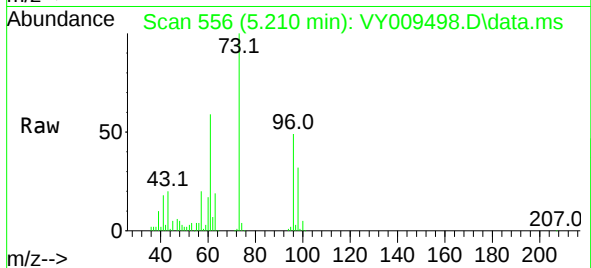
Tgt Ion: 84 Resp: 77524
Ion Ratio Lower Upper
84 100
49 113.7 114.4 171.6#
51 35.5 35.3 52.9
86 64.2 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 50.872 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

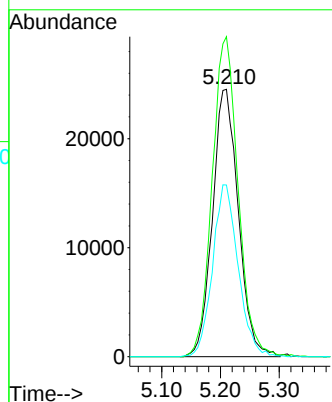
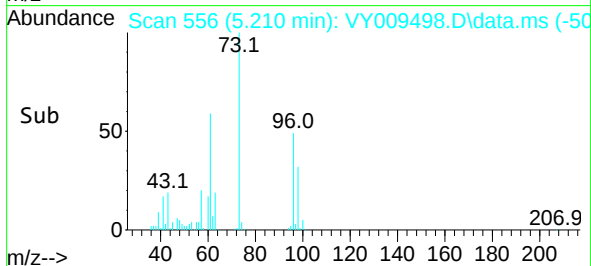
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 74969
Ion Ratio Lower Upper
96 100
61 119.7 120.5 180.7
98 64.2 49.8 74.8

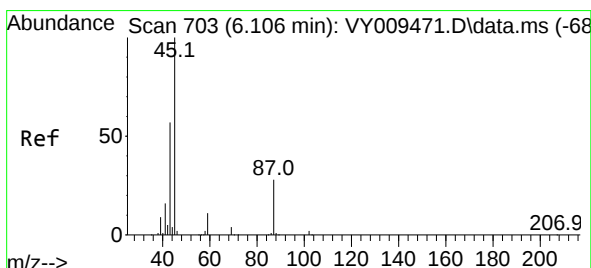
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



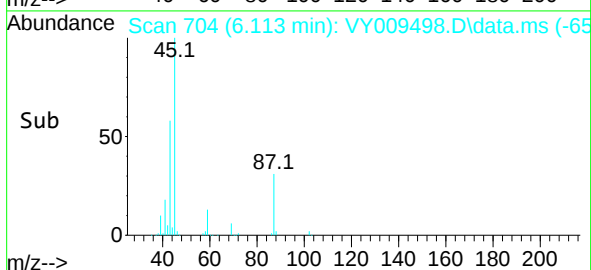
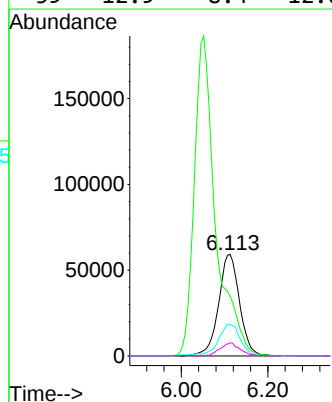
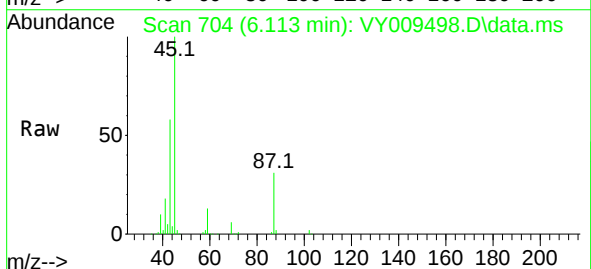
07/11/2022
Supervised By :Mahesh
Dadoda

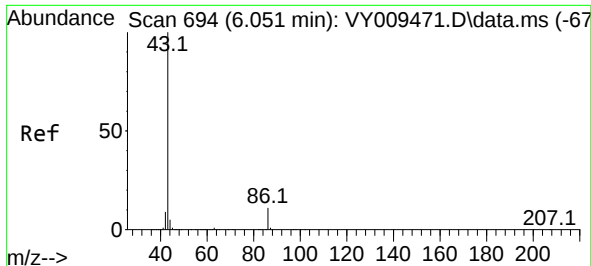
07/11/2022



#22
Diisopropyl ether
Concen: 43.313 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.007 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

Tgt Ion: 45 Resp: 199261
Ion Ratio Lower Upper
45 100
43 58.0 49.3 73.9
87 31.0 19.2 28.8#
59 12.9 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 198.642 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY009498.D
 Acq: 08 Jul 2022 21:16

Instrument :

MSVOA_Y

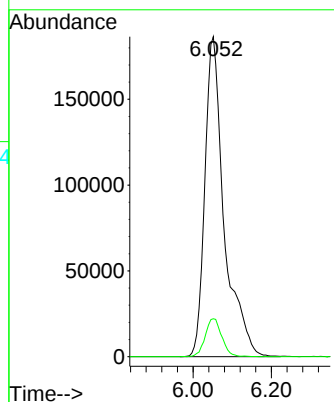
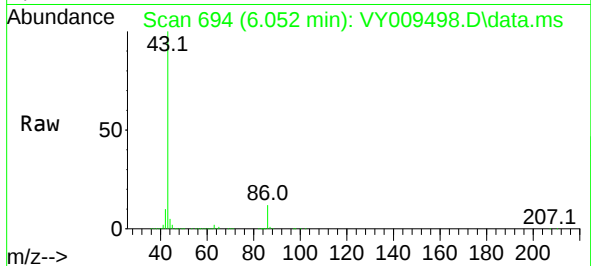
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 63596
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7

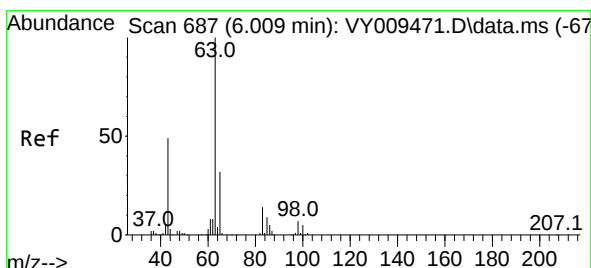
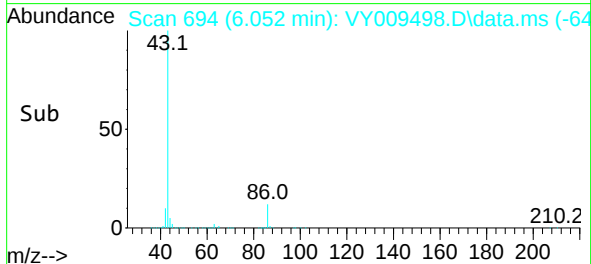
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



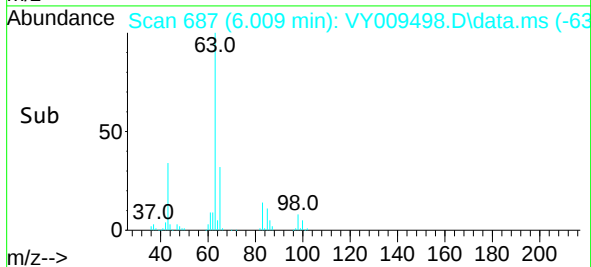
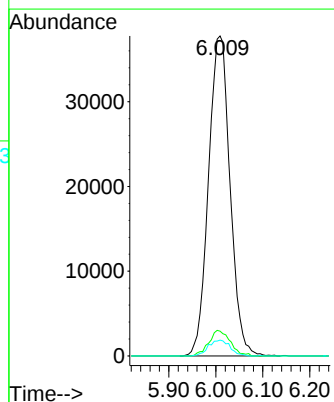
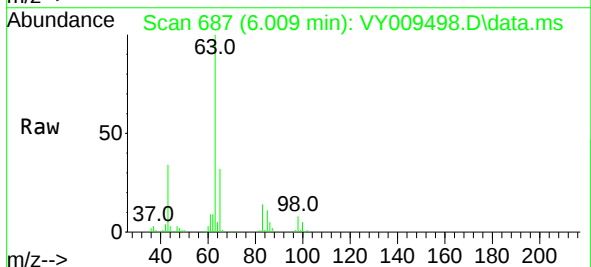
07/11/2022
 Supervised By :Mahesh
 Dadoda

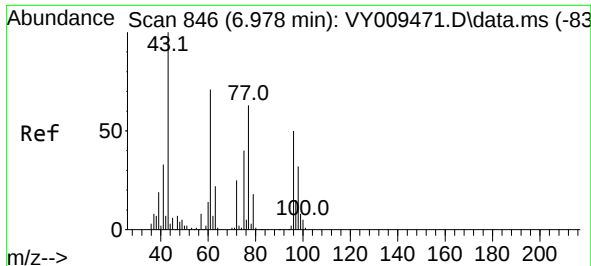
07/11/2022



#24
 1,1-Dichloroethane
 Concen: 46.352 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY009498.D
 Acq: 08 Jul 2022 21:16

Tgt Ion: 63 Resp: 120252
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 189.001 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009498.D

Acq: 08 Jul 2022 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 114349

Ion Ratio Lower Upper

43 100

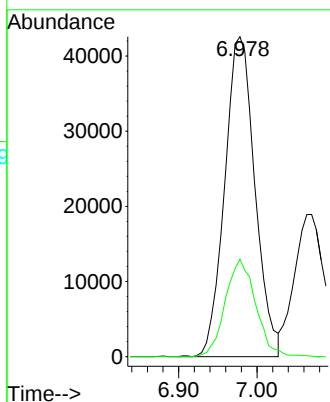
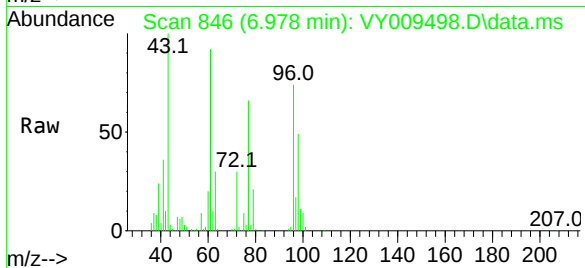
72 30.4 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

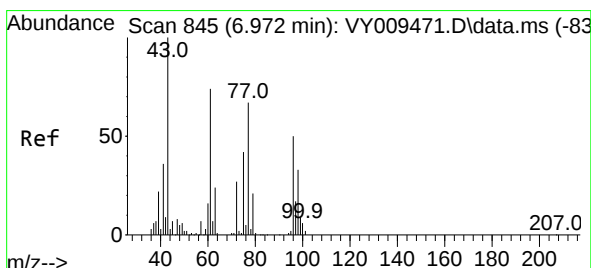
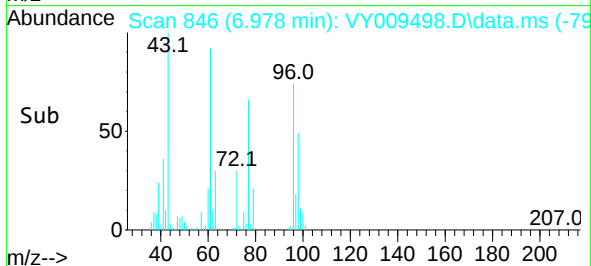
Supervised By :Mahesh Dadoda 07/11/2022



07/11/2022

Supervised By :Mahesh
Dadoda

07/11/2022



#26

2,2-Dichloropropane

Concen: 35.771 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009498.D

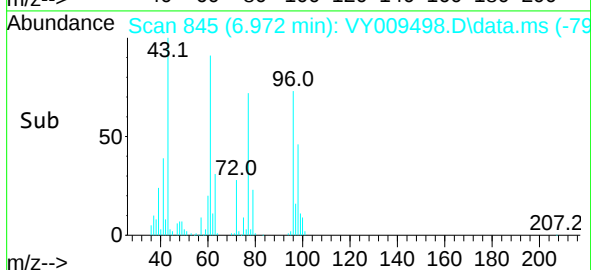
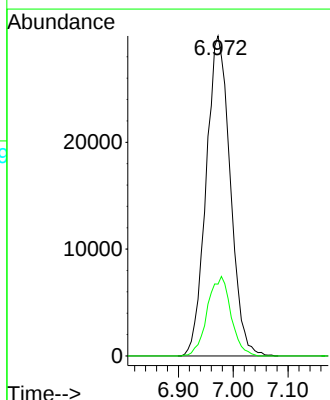
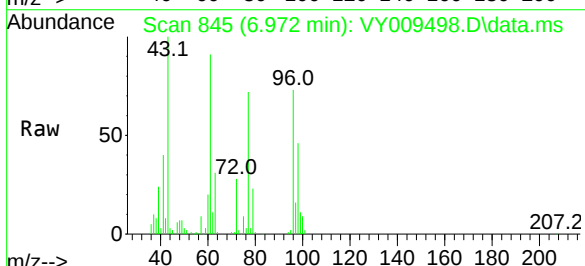
Acq: 08 Jul 2022 21:16

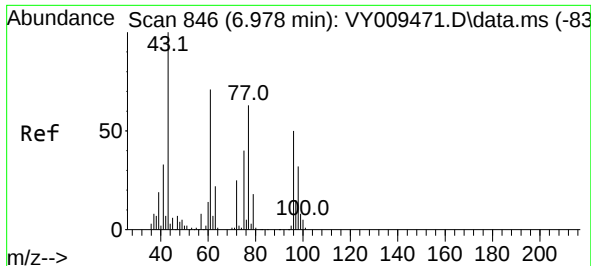
Tgt Ion: 77 Resp: 91466

Ion Ratio Lower Upper

77 100

97 24.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 50.307 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009498.D

Acq: 08 Jul 2022 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

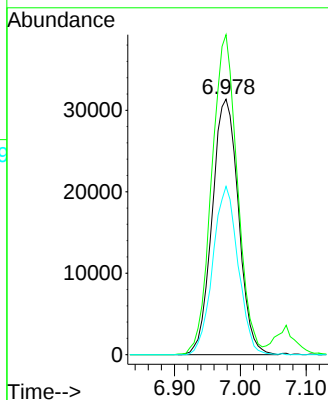
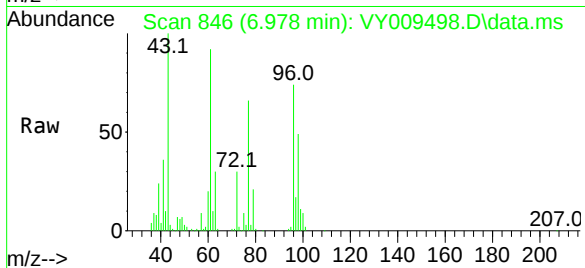
Tgt Ion:	96	Resp:	87280
Ion Ratio	Lower	Upper	
96	100		
61	122.4	0.0	319.8
98	63.5	0.0	127.0

Manual Integrations

APPROVED

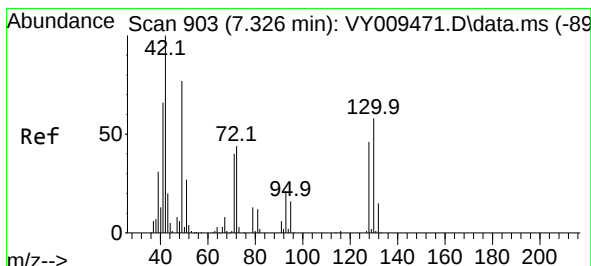
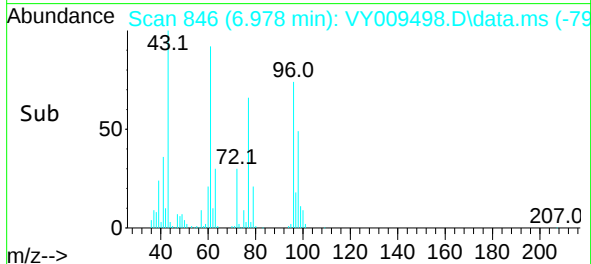
Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



07/11/2022
Supervised By :Mahesh
Dadoda

07/11/2022



#28

Bromochloromethane

Concen: 42.247 ug/l

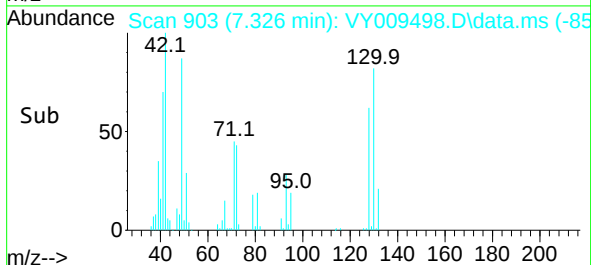
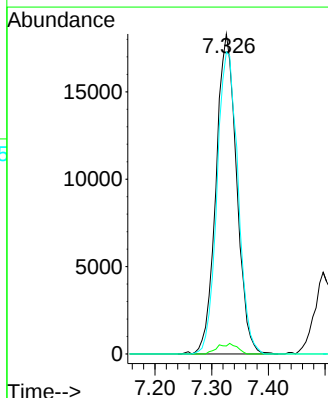
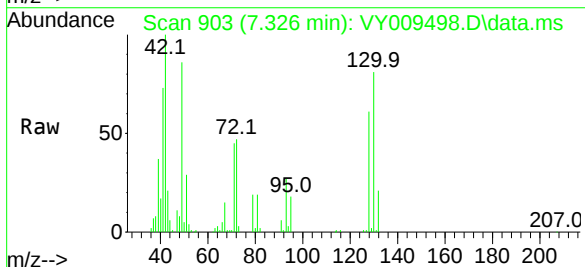
RT: 7.326 min Scan# 903

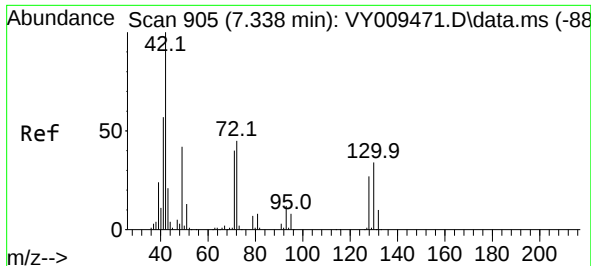
Delta R.T. -0.000 min

Lab File: VY009498.D

Acq: 08 Jul 2022 21:16

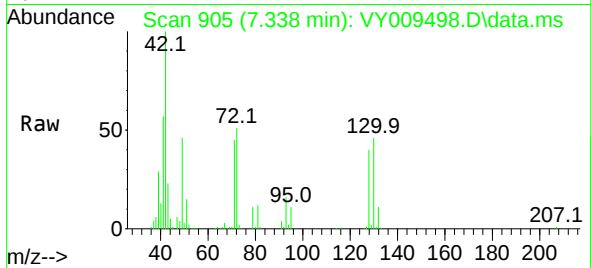
Tgt Ion:	49	Resp:	46066
Ion Ratio	Lower	Upper	
49	100		
129	3.1	0.0	2.2#
130	96.1	55.4	83.0#





#29
Tetrahydrofuran
Concen: 198.079 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

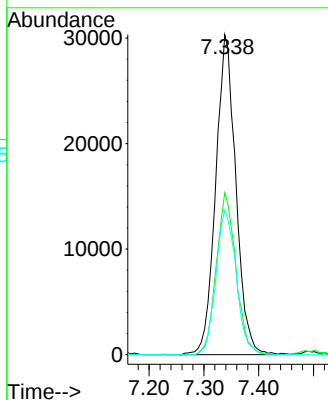
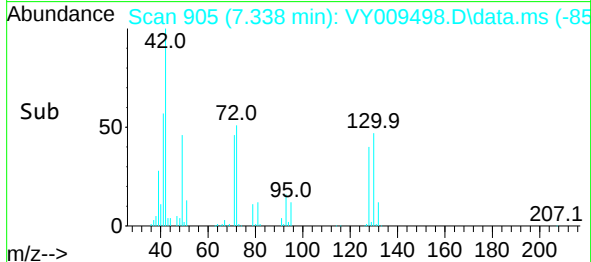
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 7751
Ion Ratio Lower Upper
42 100
72 49.2 30.3 45.5
71 45.6 29.0 43.4

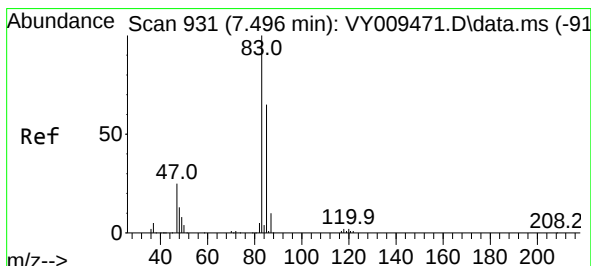
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



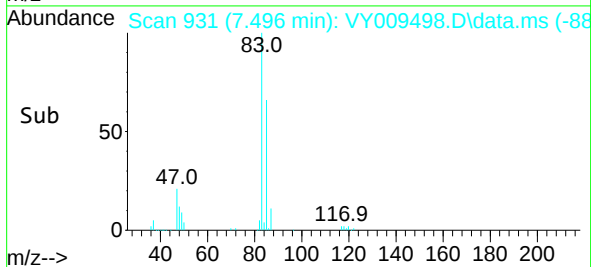
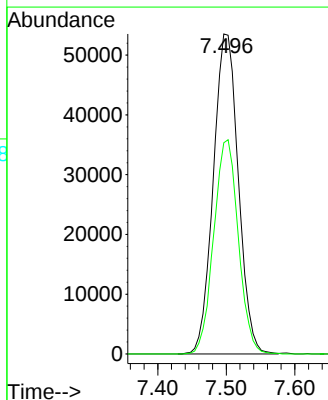
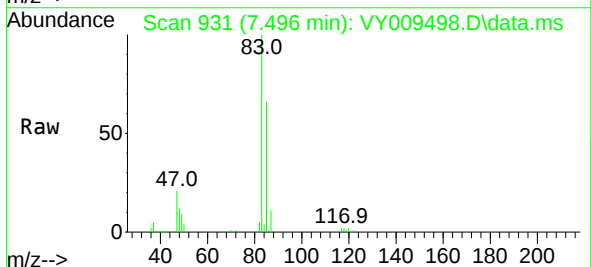
07/11/2022
Supervised By :Mahesh
Dadoda

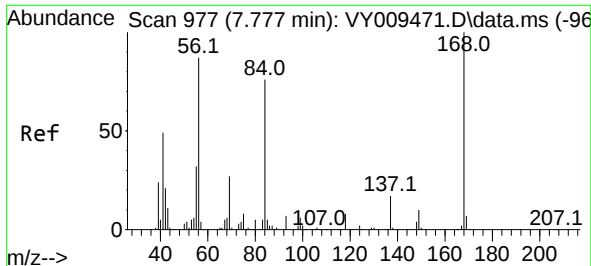
07/11/2022



#30
Chloroform
Concen: 47.763 ug/l
RT: 7.496 min Scan# 931
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

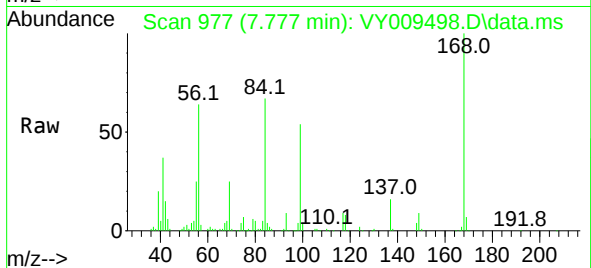
Tgt Ion: 83 Resp: 135617
Ion Ratio Lower Upper
83 100
85 66.0 51.8 77.6





#31
Cyclohexane
Concen: 39.756 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

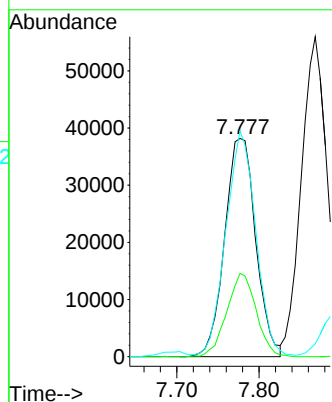
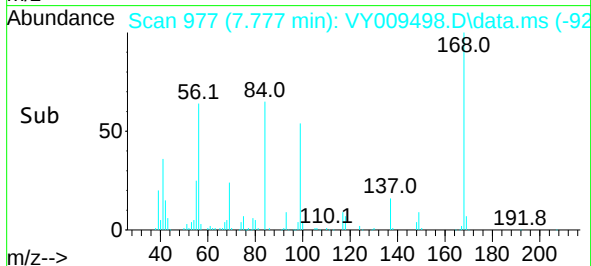
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 100278
Ion Ratio Lower Upper
56 100
69 38.2 26.7 40.1
84 101.1 67.2 100.8

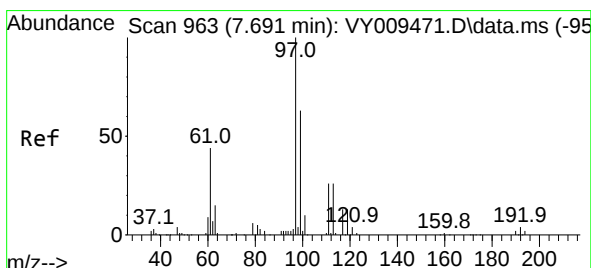
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



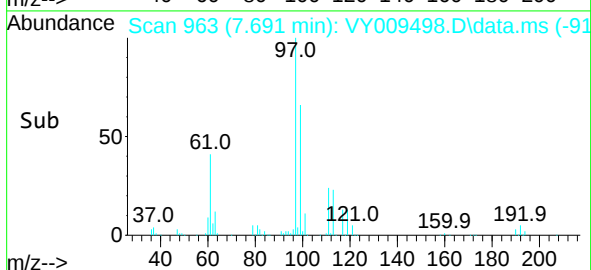
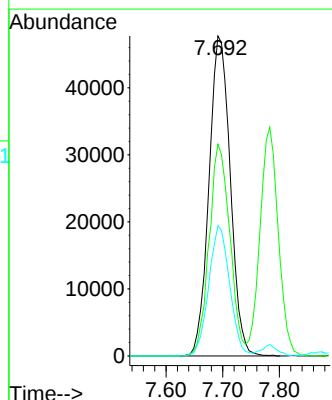
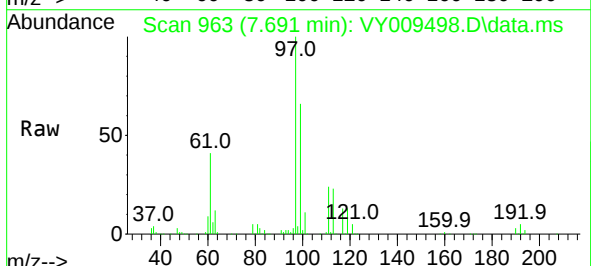
07/11/2022
Supervised By :Mahesh
Dadoda

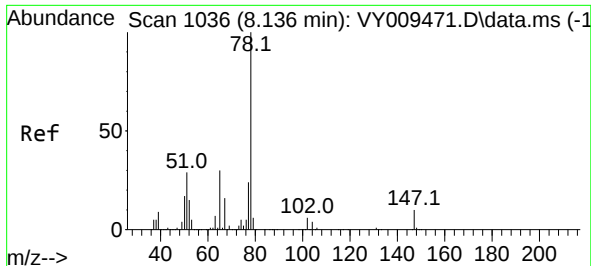
07/11/2022



#32
1,1,1-Trichloroethane
Concen: 49.683 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

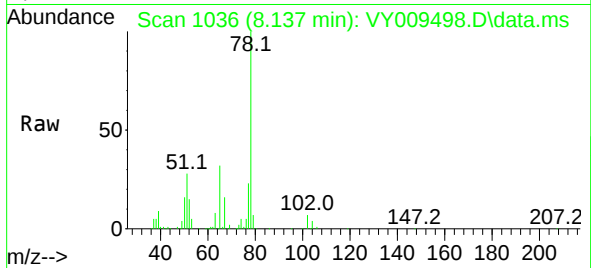
Tgt Ion: 97 Resp: 124374
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 40.2 37.6 56.4





#33
1,2-Dichloroethane-d4
Concen: 42.023 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

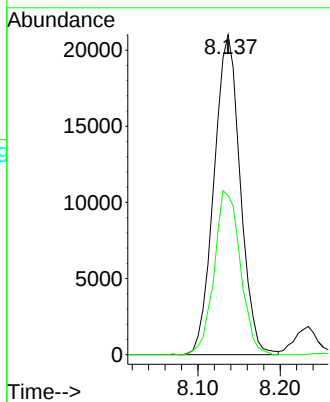
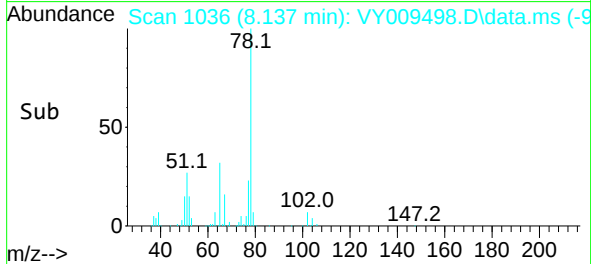
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 46630
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.4

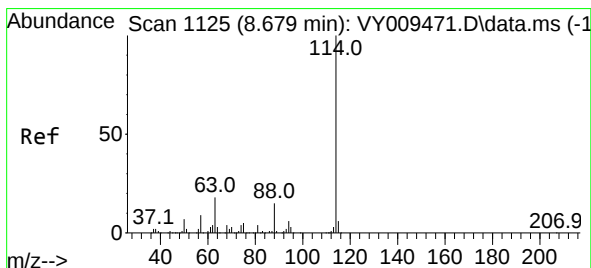
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

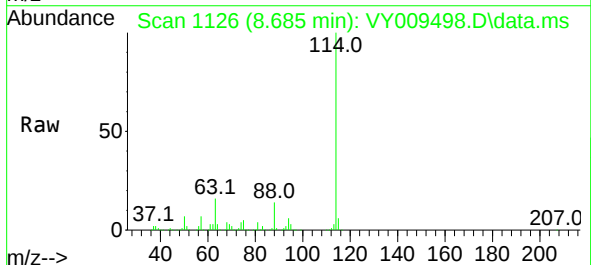


07/11/2022
Supervised By :Mahesh
Dadoda

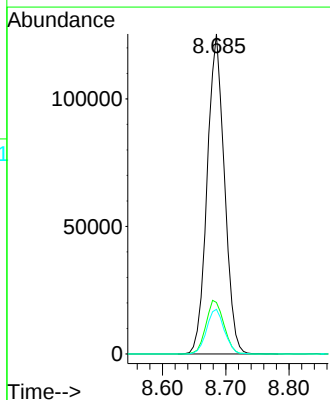
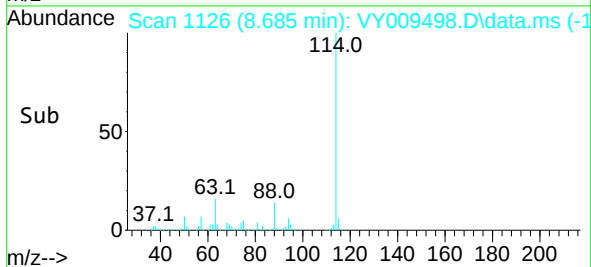
07/11/2022

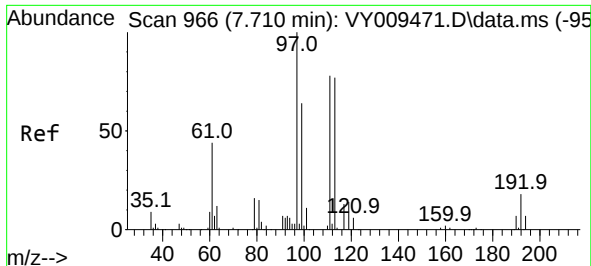


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16



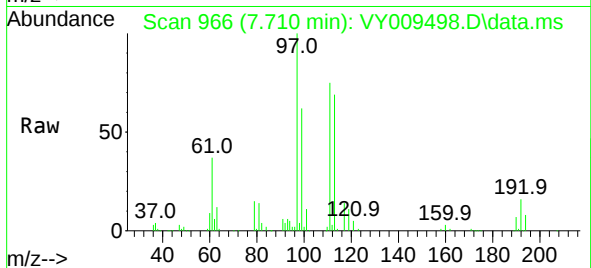
Tgt Ion:114 Resp: 237768
Ion Ratio Lower Upper
114 100
63 16.1 0.0 43.2
88 14.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 43.960 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

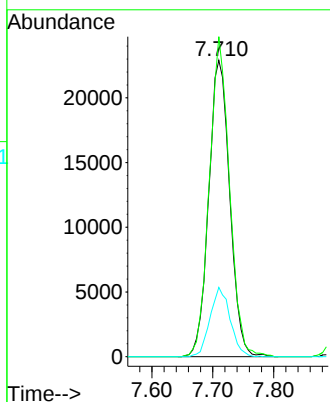
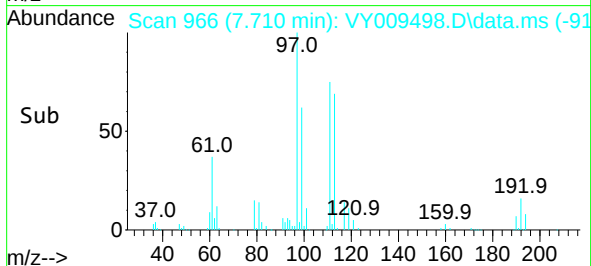
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 5499
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 22.4 17.6 26.4

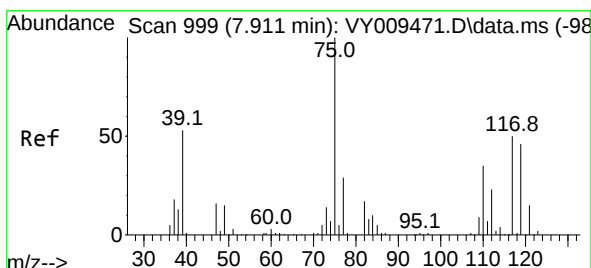
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



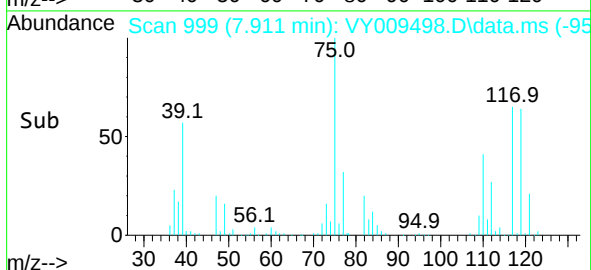
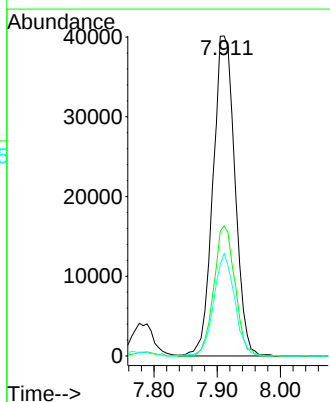
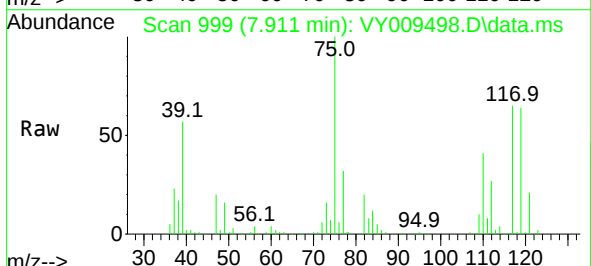
07/11/2022
Supervised By :Mahesh
Dadoda

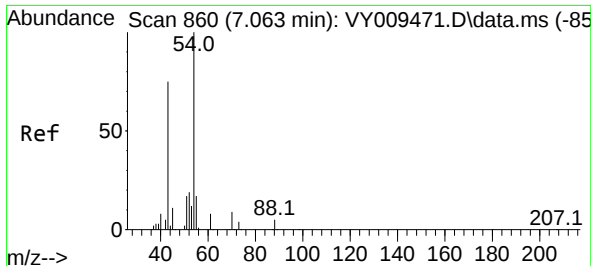
07/11/2022



#36
1,1-Dichloropropene
Concen: 47.526 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

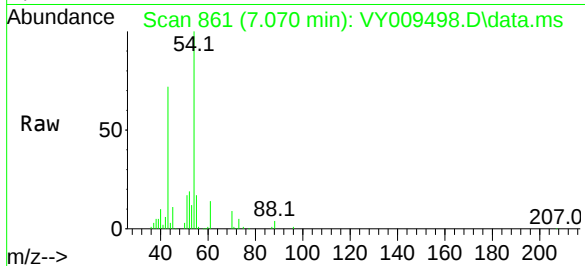
Tgt Ion: 75 Resp: 96800
Ion Ratio Lower Upper
75 100
110 38.9 17.1 51.2
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 40.714 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

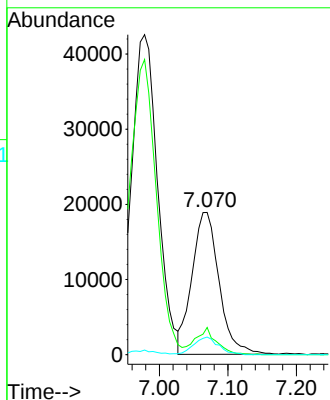
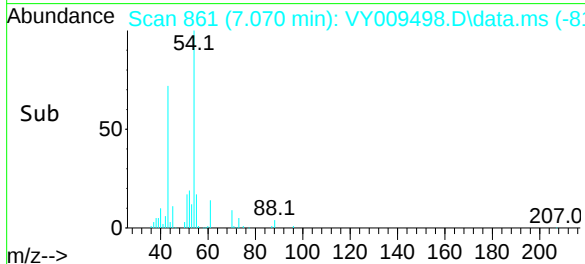
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 51980
Ion Ratio Lower Upper
43 100
61 14.9 9.7 14.5
70 11.3 7.1 10.7

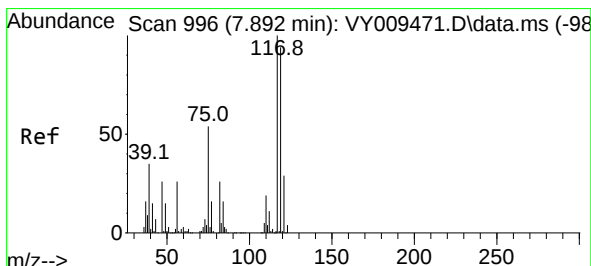
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



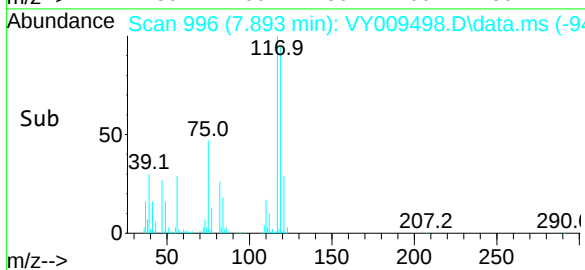
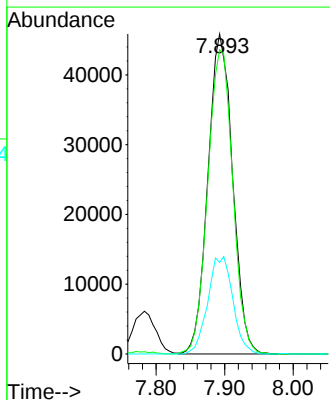
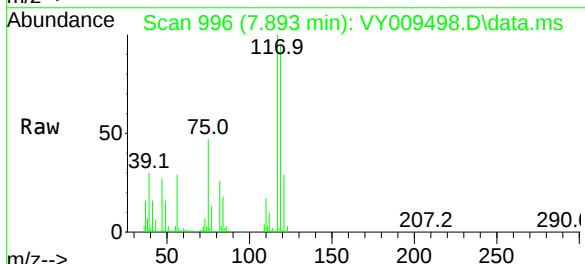
07/11/2022
Supervised By :Mahesh
Dadoda

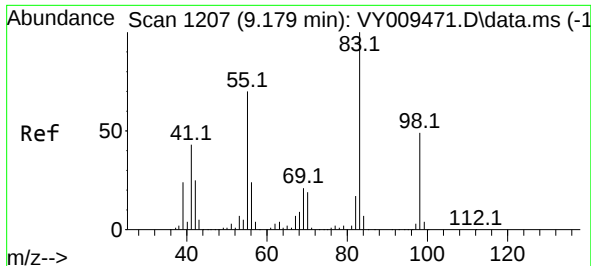
07/11/2022



#38
Carbon Tetrachloride
Concen: 52.678 ug/l
RT: 7.893 min Scan# 996
Delta R.T. 0.001 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

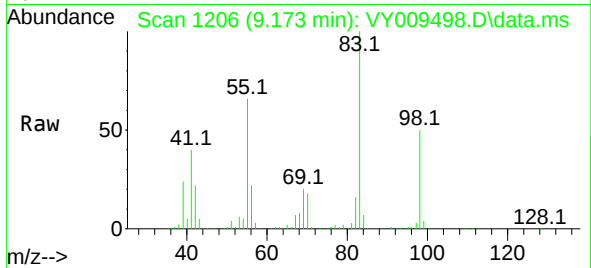
Tgt Ion:117 Resp: 114749
Ion Ratio Lower Upper
117 100
119 95.1 77.9 116.9
121 28.6 24.8 37.2





#39
Methylcyclohexane
Concen: 48.588 ug/l
RT: 9.173 min Scan# 118790
Delta R.T. -0.006 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

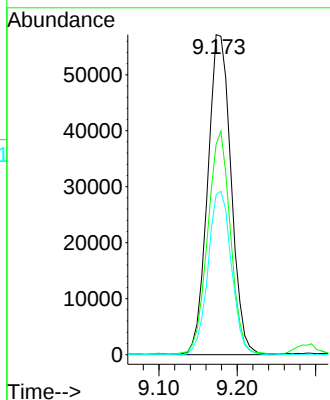
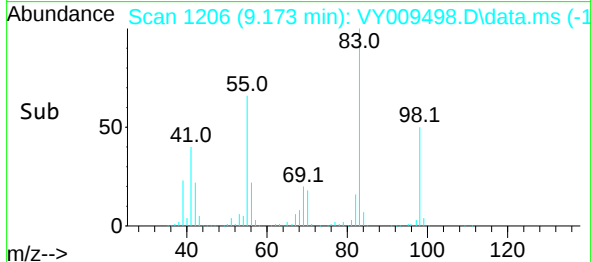
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 118790
Ion Ratio Lower Upper
83 100
55 65.5 66.5 99.7
98 50.0 37.9 56.9

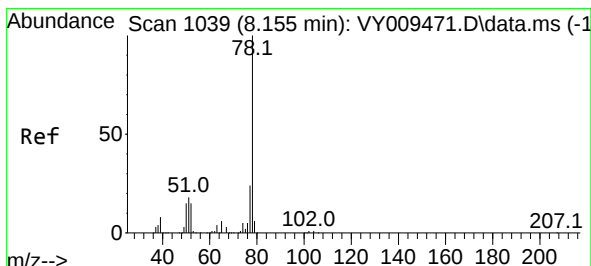
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



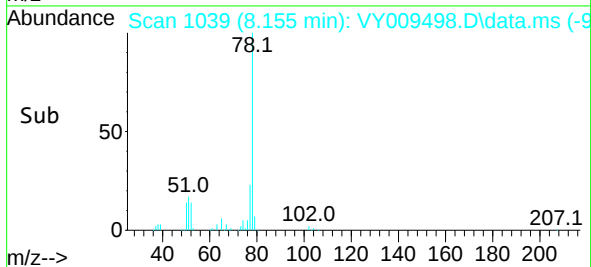
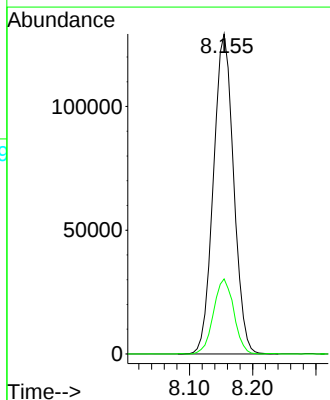
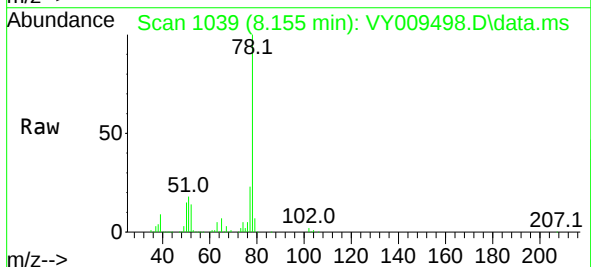
07/11/2022
Supervised By :Mahesh
Dadoda

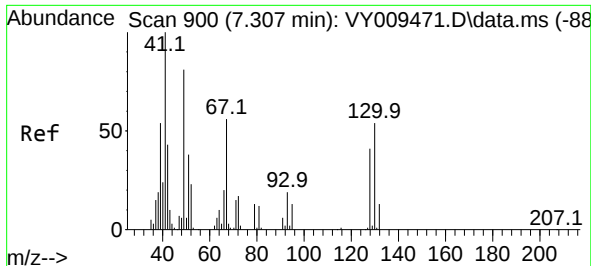
07/11/2022



#40
Benzene
Concen: 47.925 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

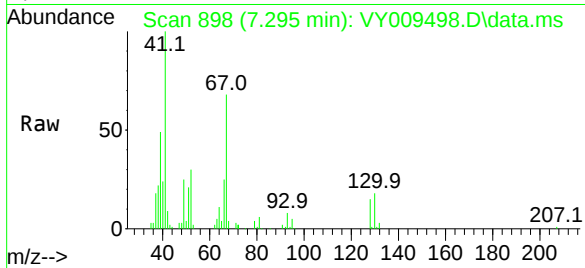
Tgt Ion: 78 Resp: 286634
Ion Ratio Lower Upper
78 100
77 23.4 20.4 30.6





#41
Methacrylonitrile
Concen: 43.591 ug/l m
RT: 7.295 min Scan# 89
Delta R.T. -0.012 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

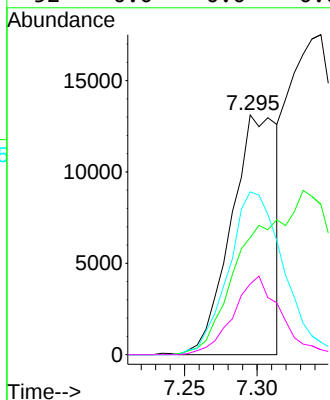
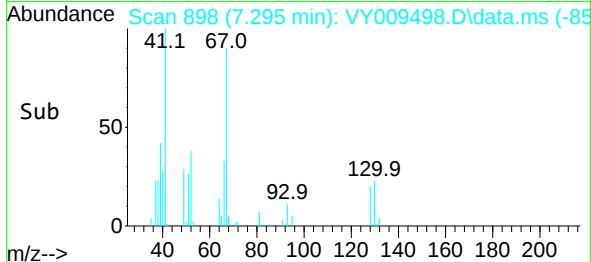
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 2889
Ion Ratio Lower Upper
41 100
39 134.2 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

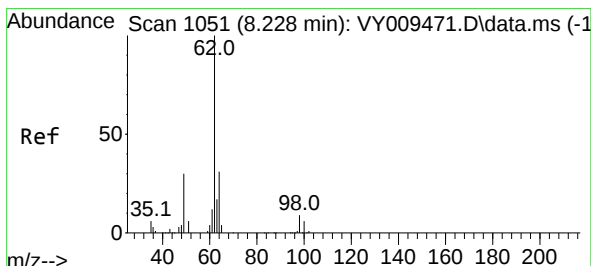
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



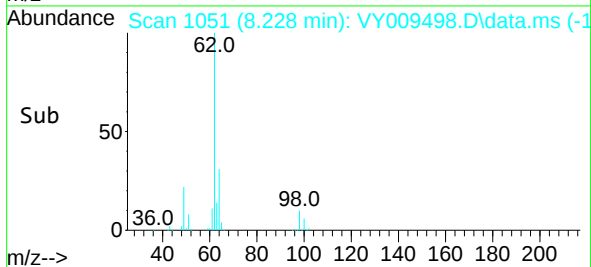
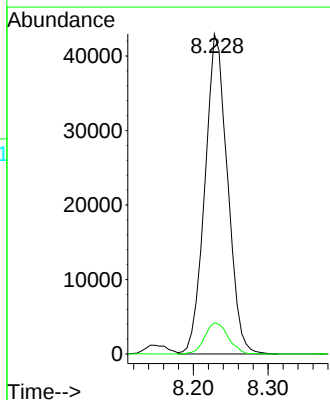
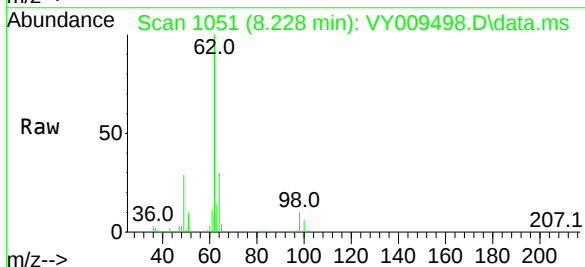
07/11/2022
Supervised By :Mahesh
Dadoda

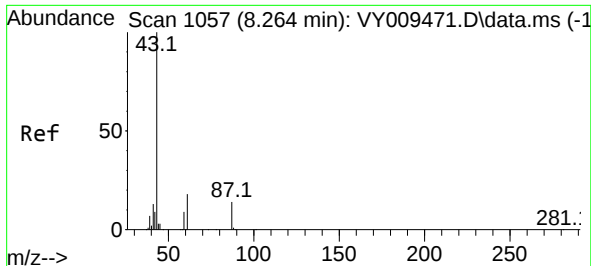
07/11/2022



#42
1,2-Dichloroethane
Concen: 50.237 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

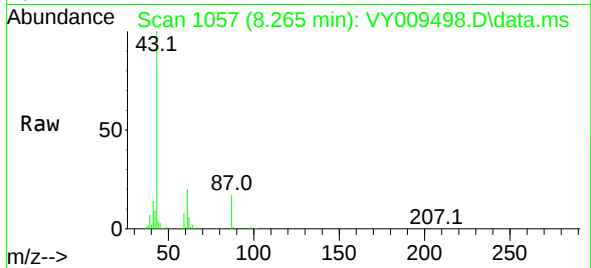
Tgt Ion: 62 Resp: 90205
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8





#43
Isopropyl Acetate
Concen: 42.390 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

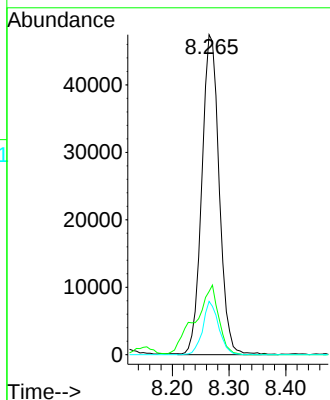
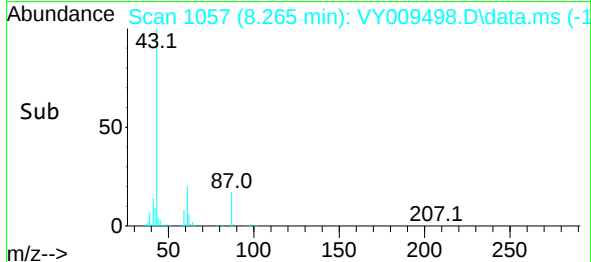
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 100979
Ion Ratio Lower Upper
43 100
61 29.7 20.2 30.2
87 15.2 8.9 13.3

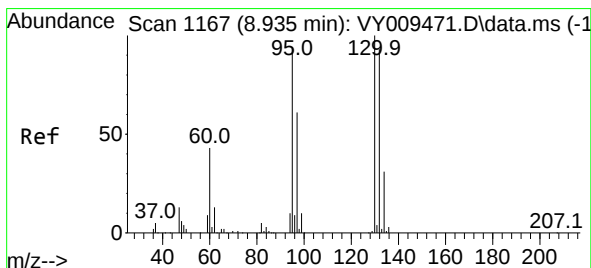
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



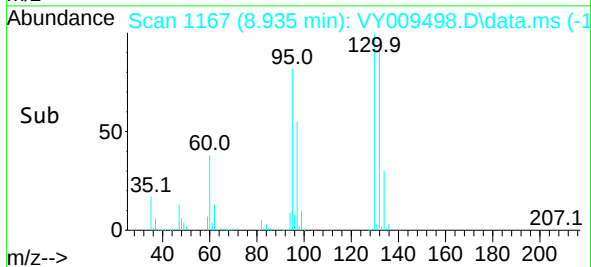
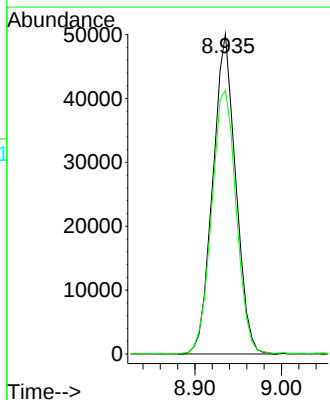
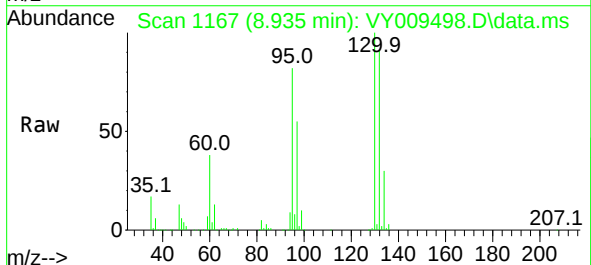
07/11/2022
Supervised By :Mahesh
Dadoda

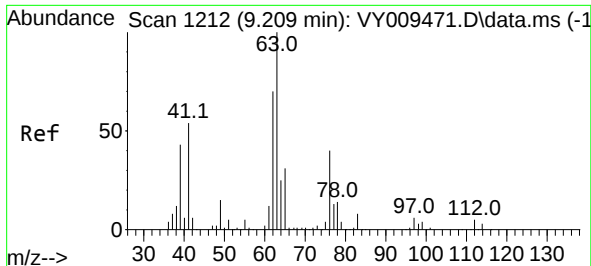
07/11/2022



#44
Trichloroethene
Concen: 54.487 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

Tgt Ion:130 Resp: 92060
Ion Ratio Lower Upper
130 100
95 82.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 45.210 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VY009498.D

Acq: 08 Jul 2022 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 68430

Ion Ratio Lower Upper

63 100

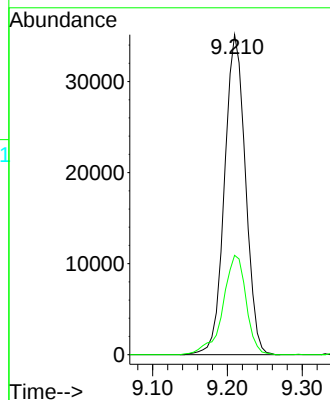
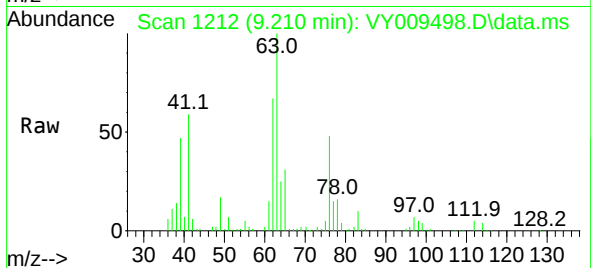
65 31.1 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

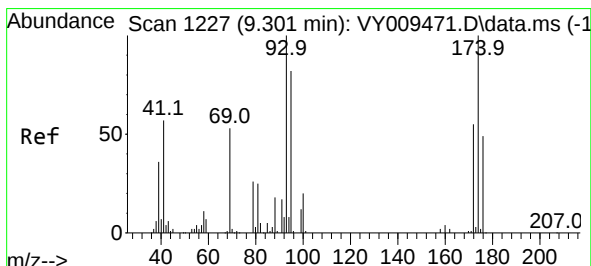
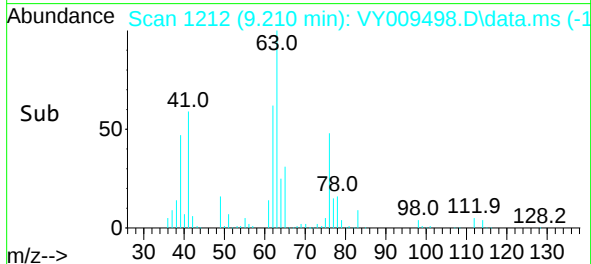
Supervised By :Mahesh Dadoda 07/11/2022



07/11/2022

Supervised By :Mahesh
Dadoda

07/11/2022



#46

Dibromomethane

Concen: 53.034 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009498.D

Acq: 08 Jul 2022 21:16

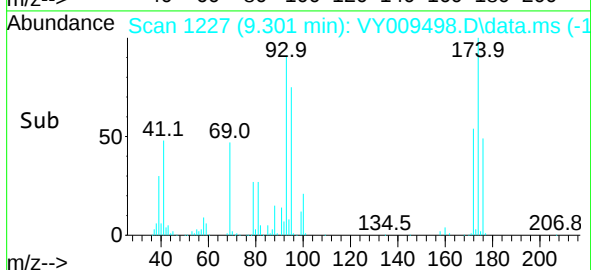
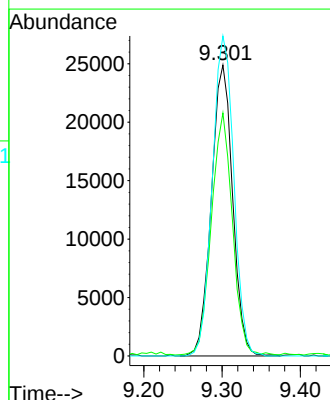
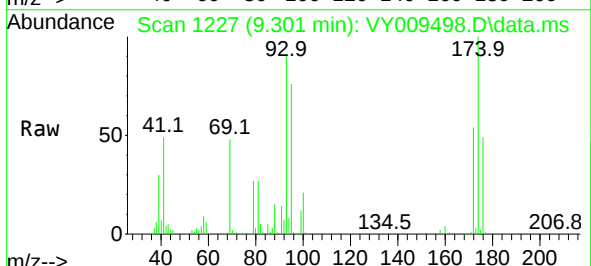
Tgt Ion: 93 Resp: 47114

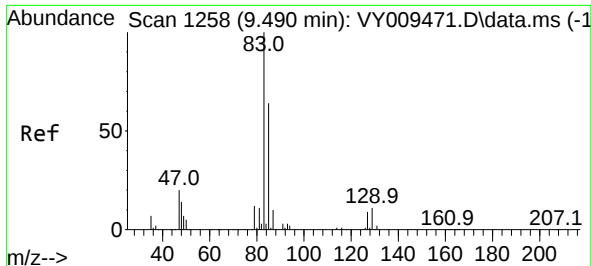
Ion Ratio Lower Upper

93 100

95 81.9 64.3 96.5

174 110.8 83.4 125.0





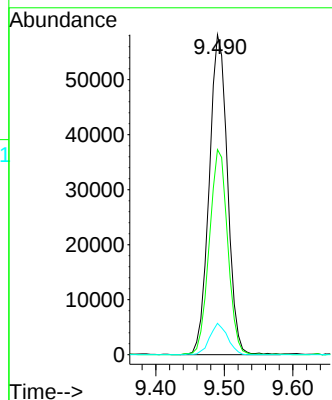
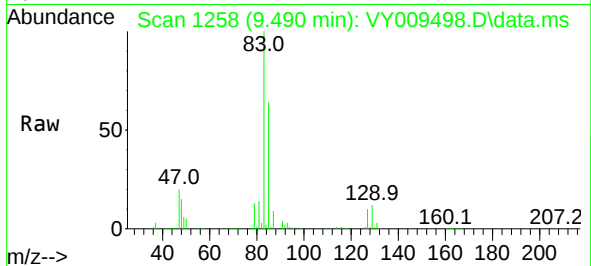
#47
Bromodichloromethane
Concen: 51.082 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC

Tgt Ion: 83 Resp: 108012
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9
127 9.8 6.6 10.0

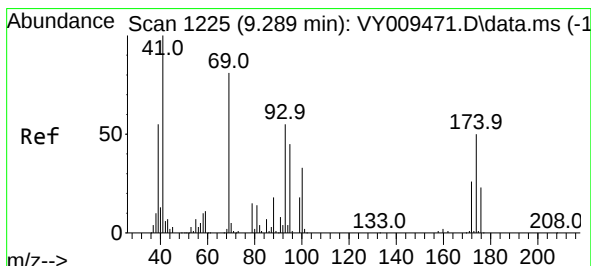
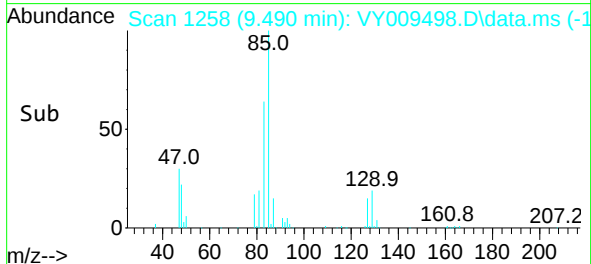
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



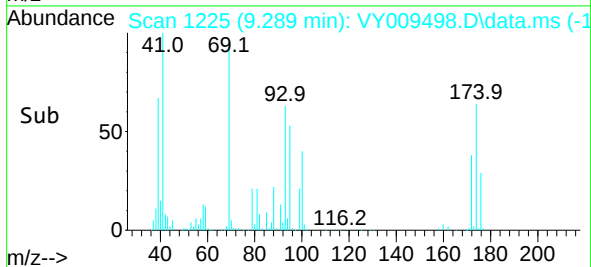
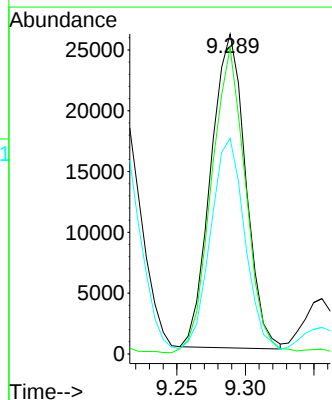
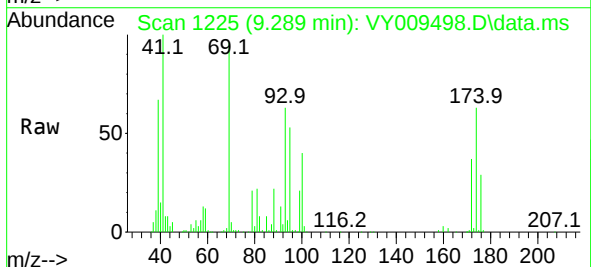
07/11/2022
Supervised By :Mahesh Dadoda

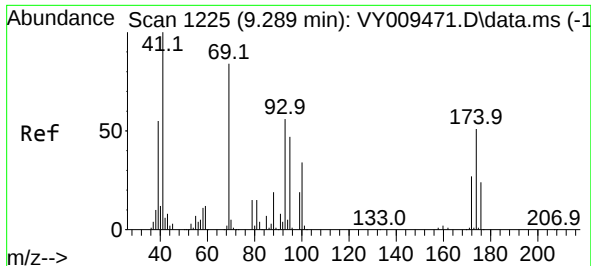
07/11/2022



#48
Methyl methacrylate
Concen: 44.352 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

Tgt Ion: 41 Resp: 45521
Ion Ratio Lower Upper
41 100
69 94.9 58.2 87.2#
39 69.1 47.4 71.0





#49

1,4-Dioxane

Concen: 943.612 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009498.D

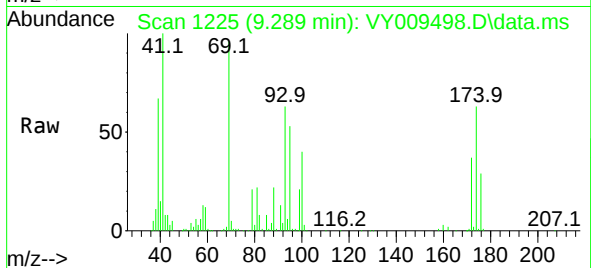
Acq: 08 Jul 2022 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

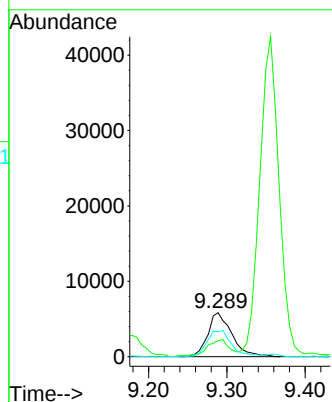
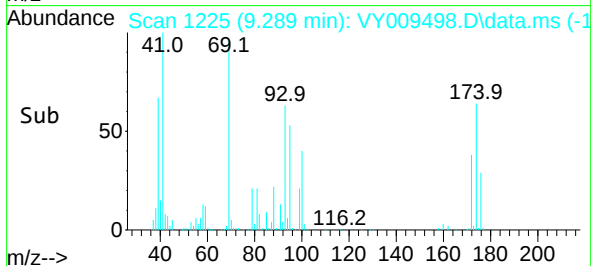


Tgt Ion:	88	Resp:	1234
Ion Ratio	Lower	Upper	
88	100		
43	37.1	32.8	49.2
58	61.0	59.8	89.6

Manual Integrations
APPROVED

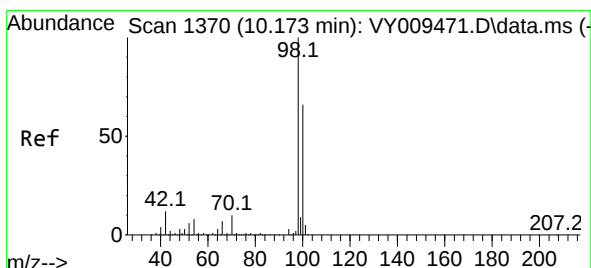
Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



07/11/2022
Supervised By :Mahesh
Dadoda

07/11/2022



#50

Toluene-d8

Concen: 42.610 ug/l

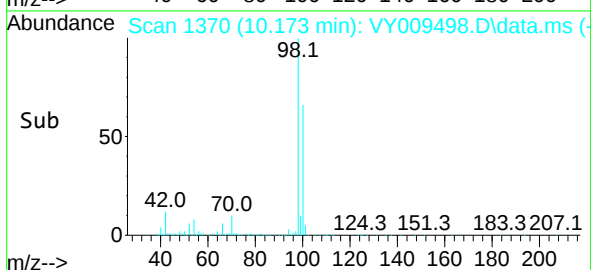
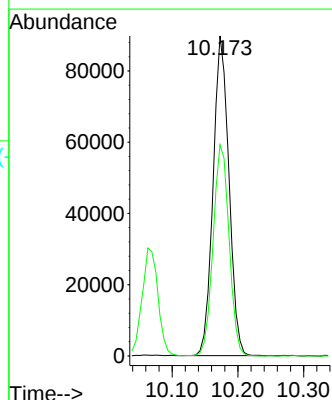
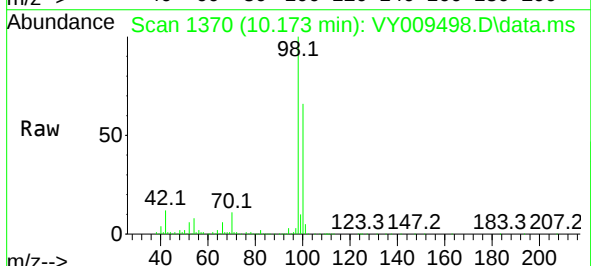
RT: 10.173 min Scan# 1370

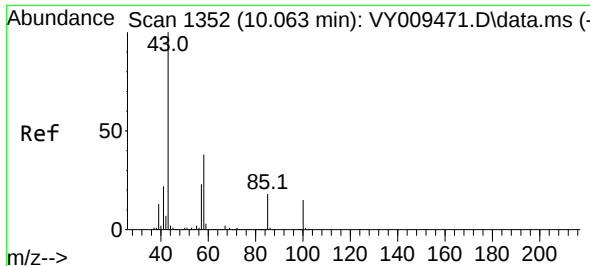
Delta R.T. -0.000 min

Lab File: VY009498.D

Acq: 08 Jul 2022 21:16

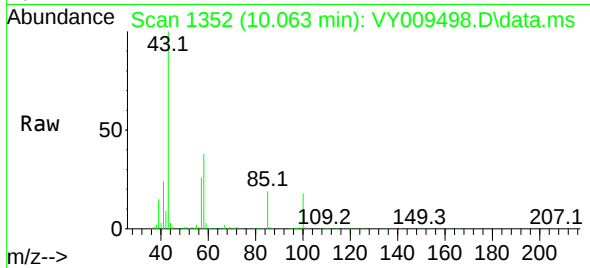
Tgt Ion:	98	Resp:	150275
Ion Ratio	Lower	Upper	
98	100		
100	66.8	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 222.852 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

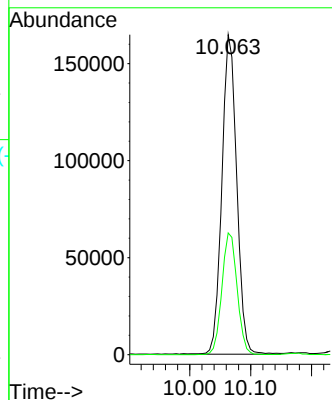
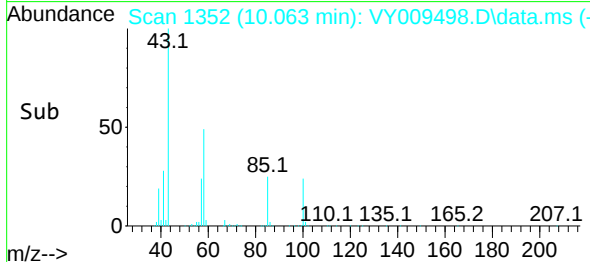
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 27918
Ion Ratio Lower Upper
43 100
58 39.1 28.1 42.1

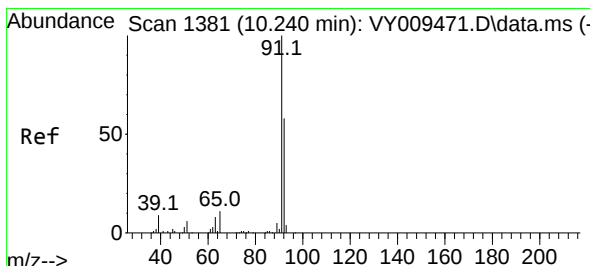
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



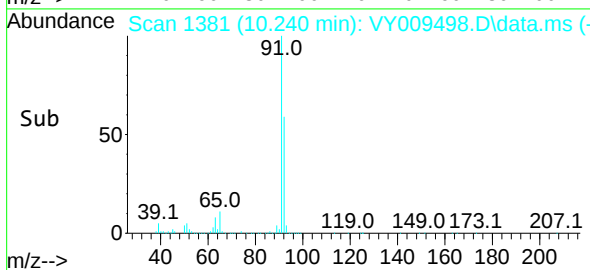
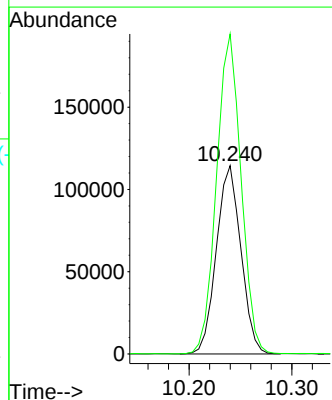
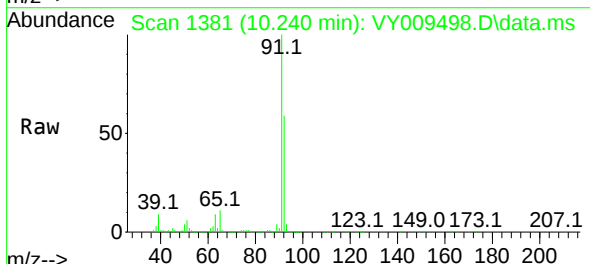
07/11/2022
Supervised By :Mahesh
Dadoda

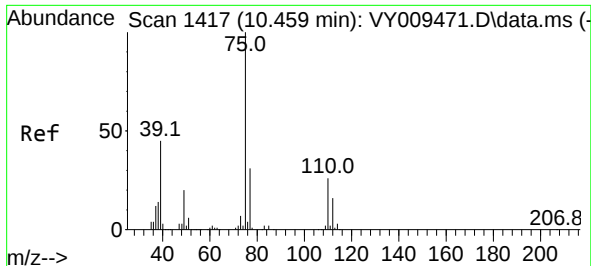
07/11/2022



#52
Toluene
Concen: 49.776 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

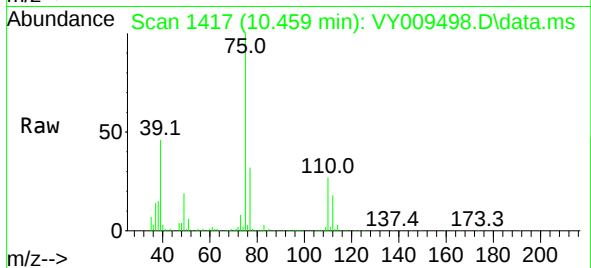
Tgt Ion: 92 Resp: 189710
Ion Ratio Lower Upper
92 100
91 169.6 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 47.561 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

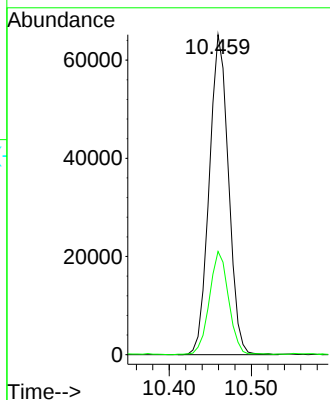
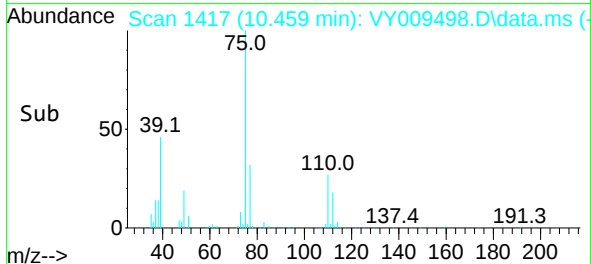
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 105978
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

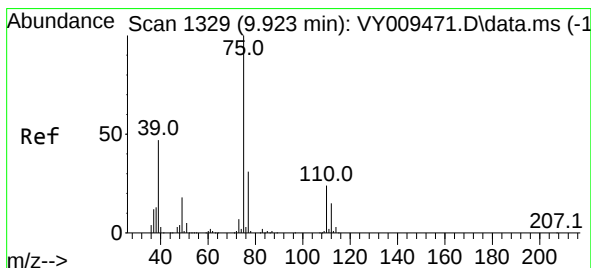
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

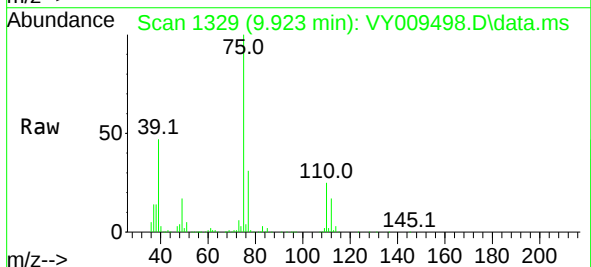


07/11/2022
Supervised By :Mahesh
Dadoda

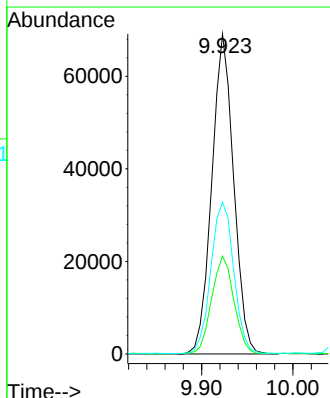
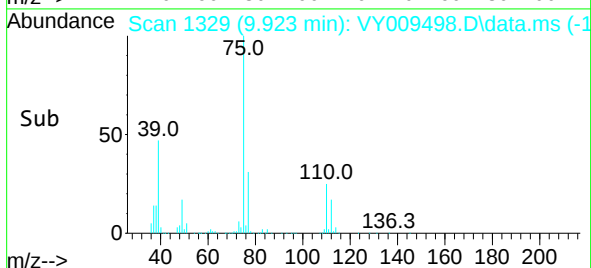
07/11/2022

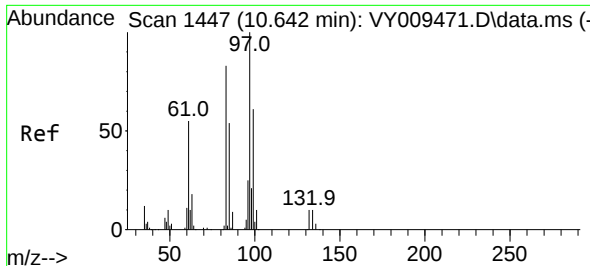


#54
cis-1,3-Dichloropropene
Concen: 46.174 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16



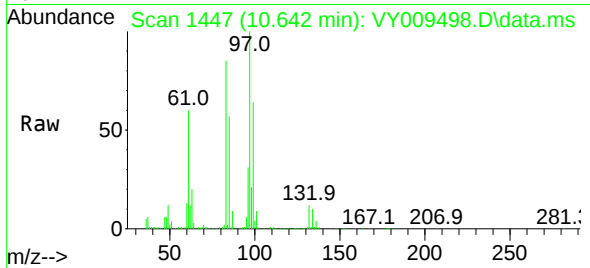
Tgt Ion: 75 Resp: 114726
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4
39 47.3 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 48.828 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

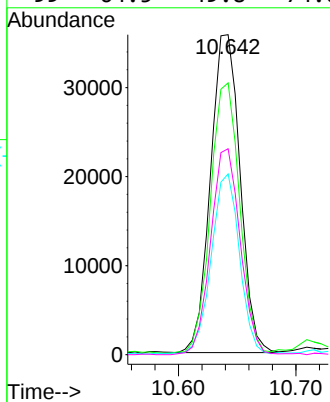
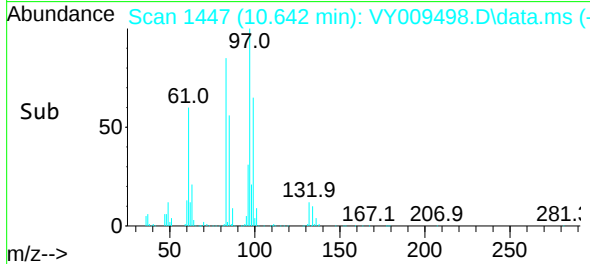
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.8	104.8
85	56.4	44.3	66.5
99	64.5	49.8	74.6

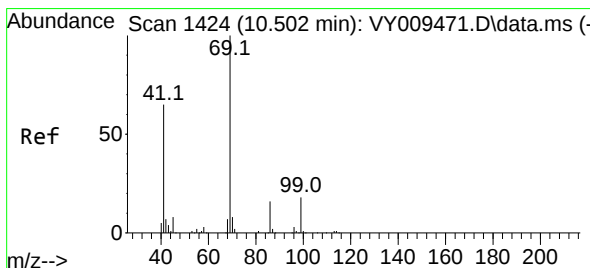
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



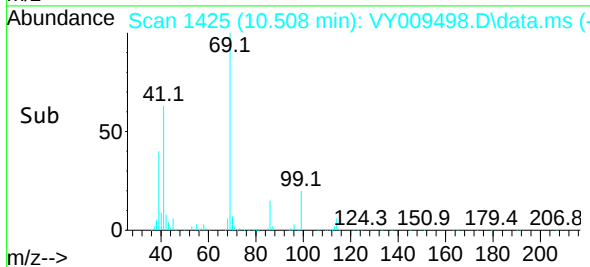
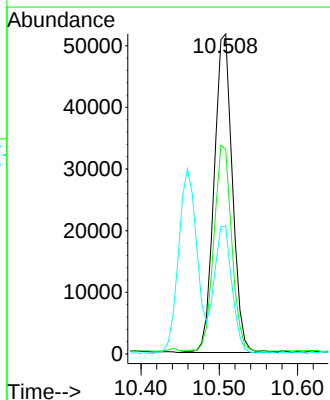
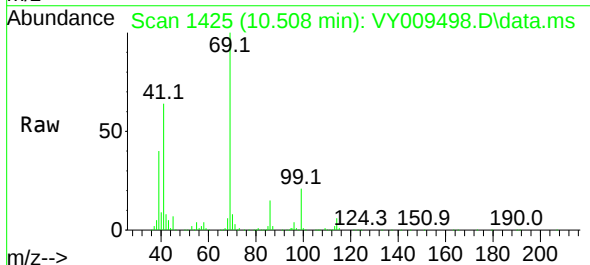
07/11/2022
Supervised By :Mahesh
Dadoda

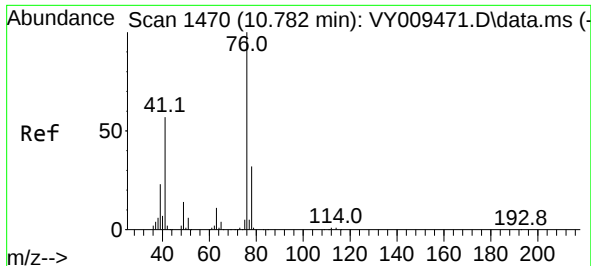
07/11/2022



#56
Ethyl methacrylate
Concen: 49.264 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.9	63.4	95.0#
39	38.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 49.754 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY009498.D

Acq: 08 Jul 2022 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 105110

Ion Ratio Lower Upper

76 100

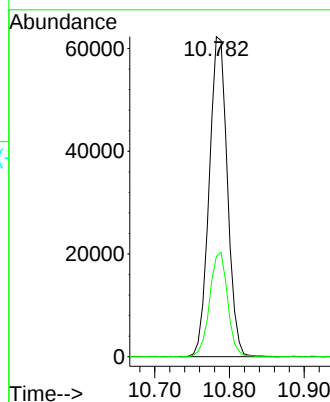
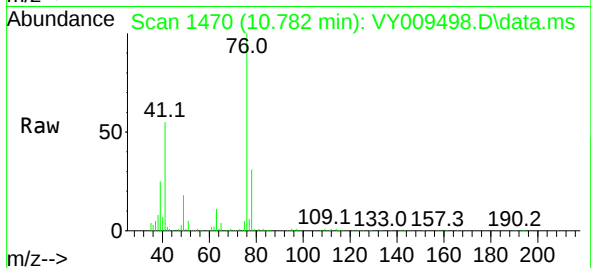
78 32.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

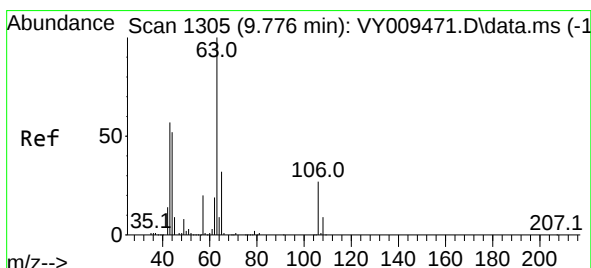
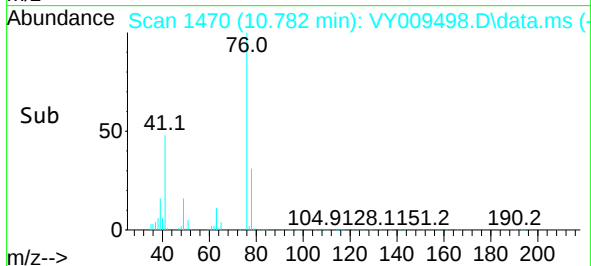
Supervised By :Mahesh Dadoda 07/11/2022



07/11/2022

Supervised By :Mahesh
Dadoda

07/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 234.496 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.001 min

Lab File: VY009498.D

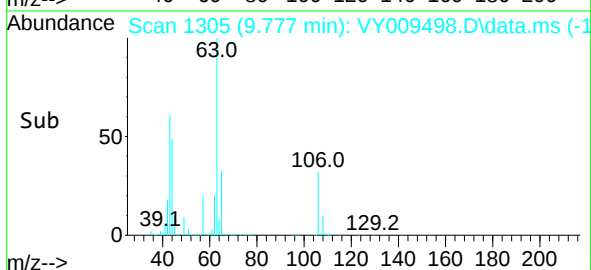
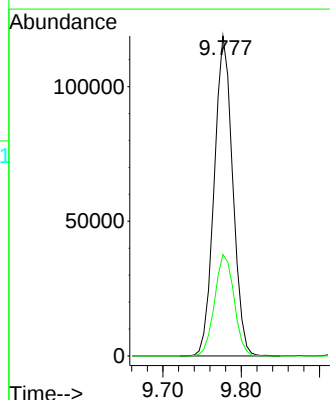
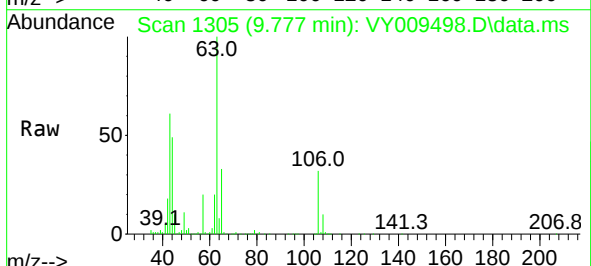
Acq: 08 Jul 2022 21:16

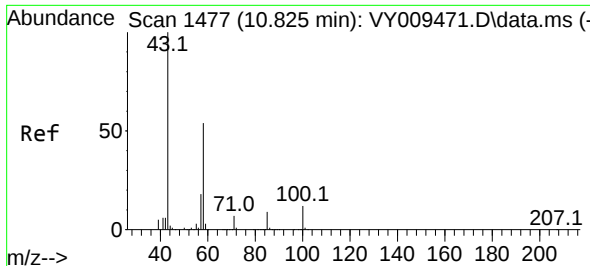
Tgt Ion: 63 Resp: 194911

Ion Ratio Lower Upper

63 100

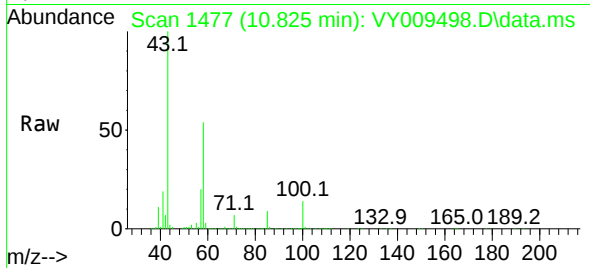
106 33.3 21.5 32.3#





#59
2-Hexanone
Concen: 225.814 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

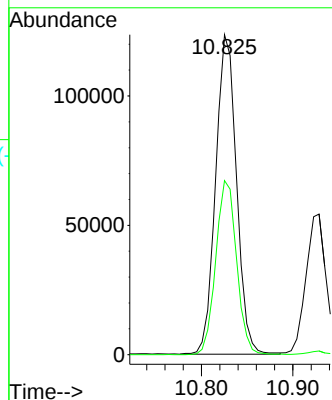
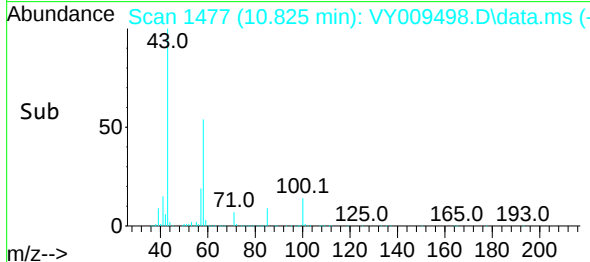
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 196025
Ion Ratio Lower Upper
43 100
58 54.4 24.4 73.4

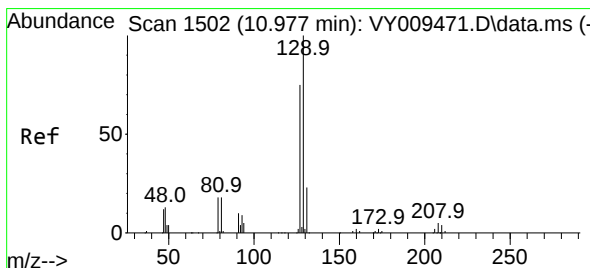
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



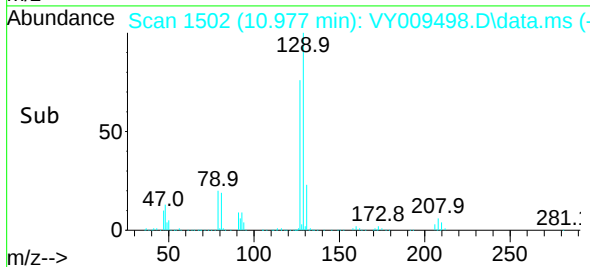
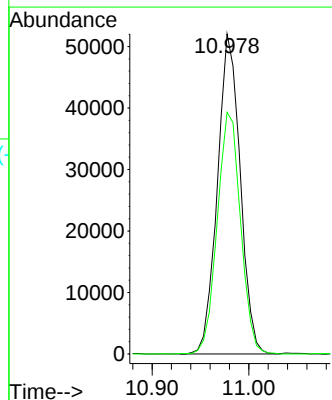
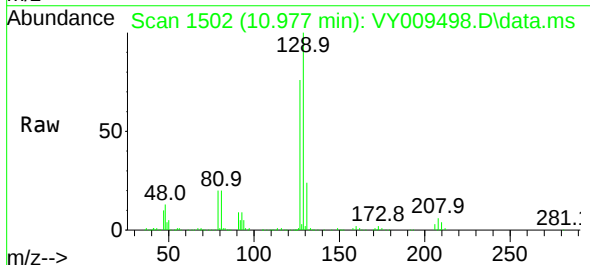
07/11/2022
Supervised By :Mahesh
Dadoda

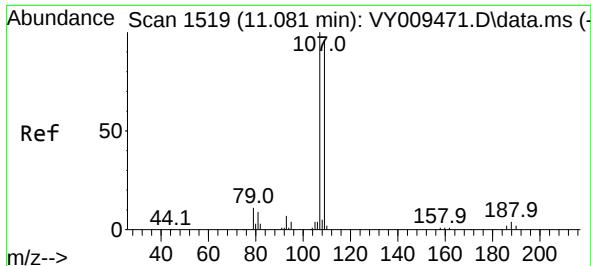
07/11/2022



#60
Dibromochloromethane
Concen: 54.684 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

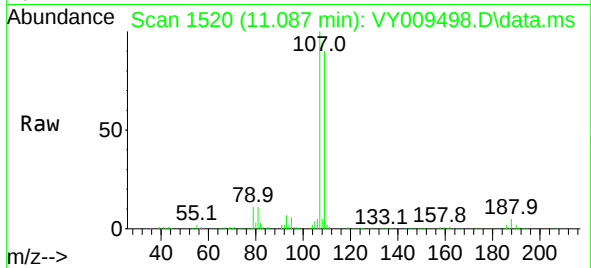
Tgt Ion:129 Resp: 84867
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61
1,2-Dibromoethane
Concen: 53.238 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

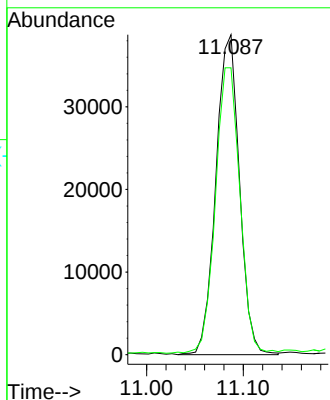
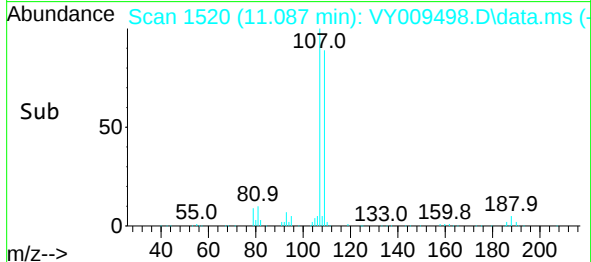
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 65410
Ion Ratio Lower Upper
107 100
109 92.7 75.4 113.2

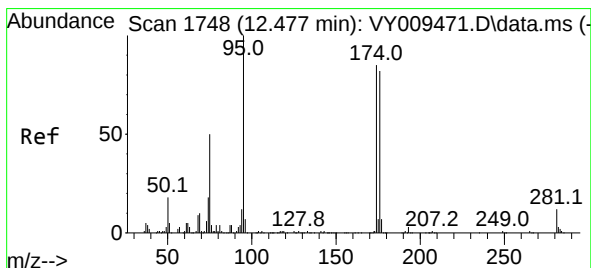
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



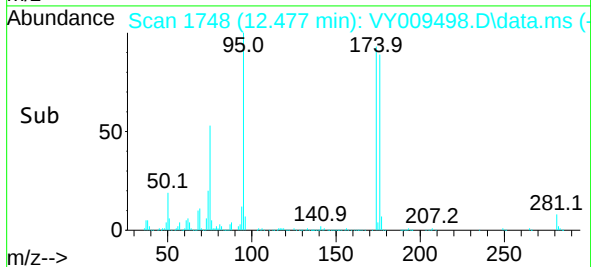
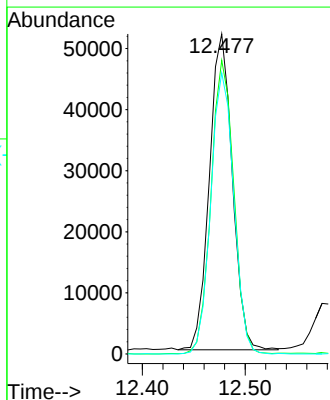
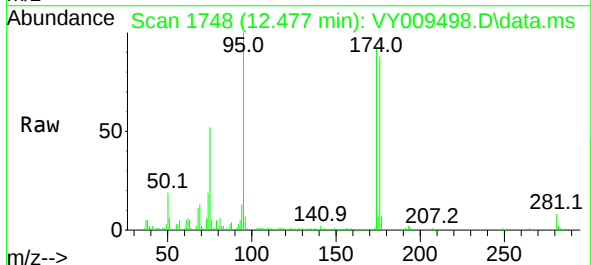
07/11/2022
Supervised By :Mahesh
Dadoda

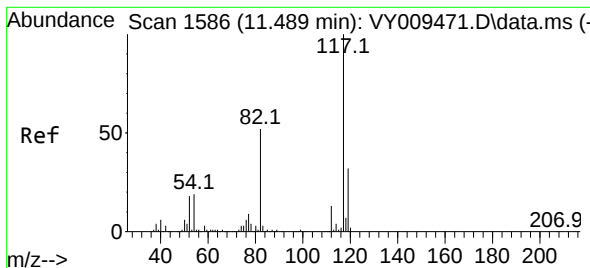
07/11/2022



#62
4-Bromofluorobenzene
Concen: 45.471 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

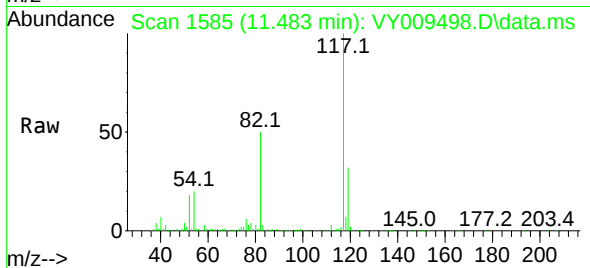
Tgt Ion: 95 Resp: 80301
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 88.9 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

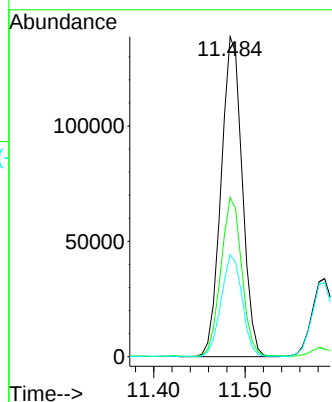
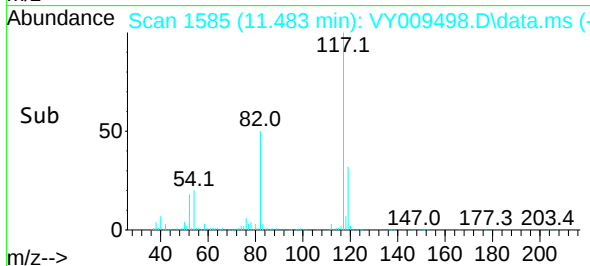
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 223214
Ion Ratio Lower Upper
117 100
82 49.6 43.0 64.4
119 31.8 25.4 38.0

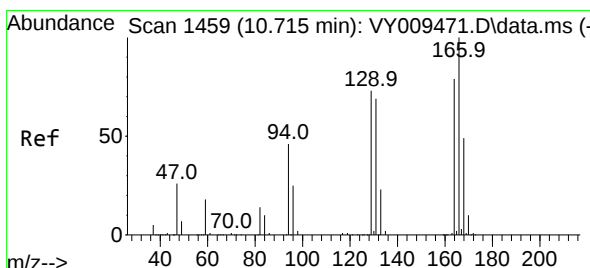
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



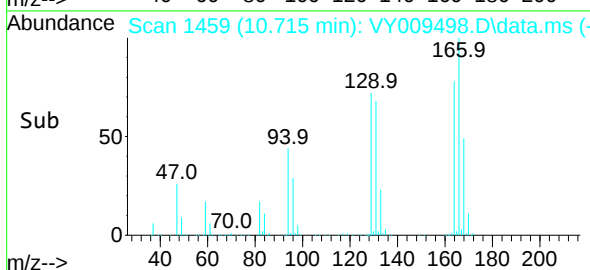
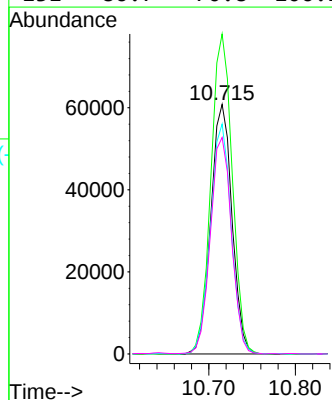
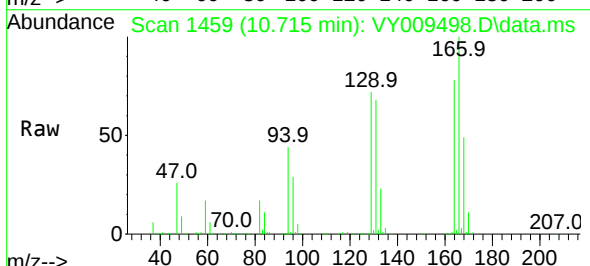
07/11/2022
Supervised By :Mahesh
Dadoda

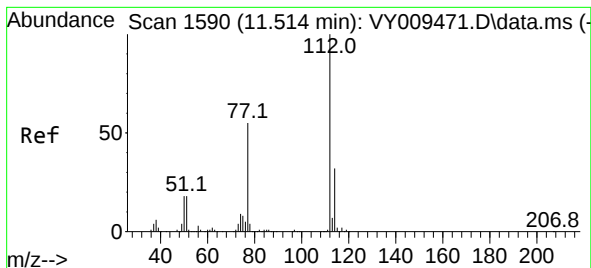
07/11/2022



#64
Tetrachloroethene
Concen: 55.478 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

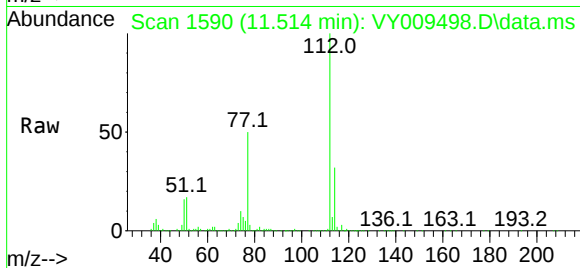
Tgt Ion:164 Resp: 103536
Ion Ratio Lower Upper
164 100
166 128.2 100.4 150.6
129 92.1 71.4 107.0
131 86.7 70.8 106.2





#65
Chlorobenzene
Concen: 49.536 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

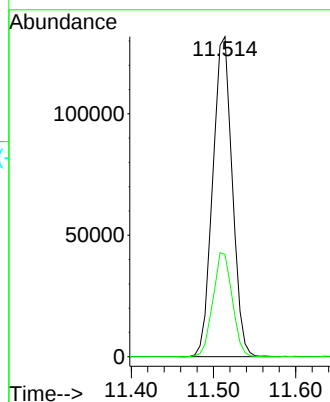
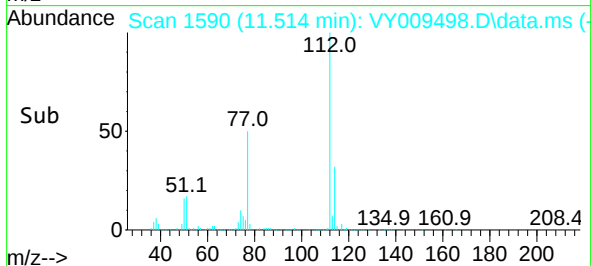
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 21716
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

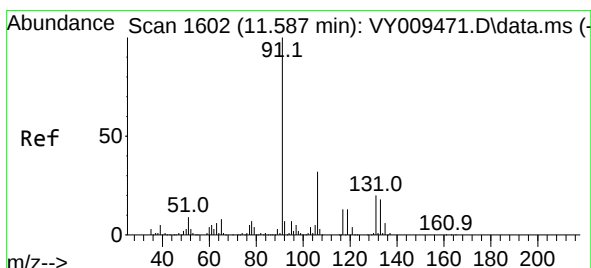
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



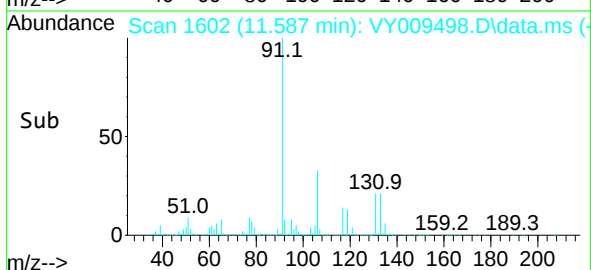
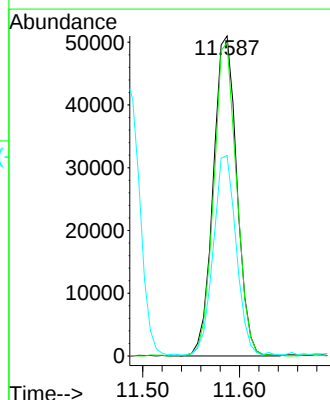
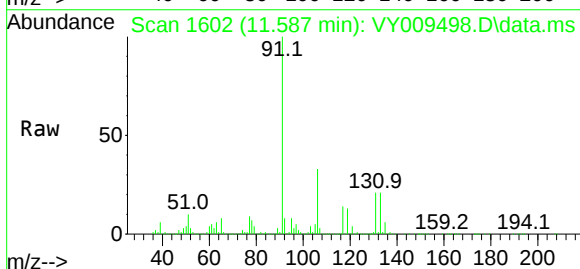
07/11/2022
Supervised By :Mahesh
Dadoda

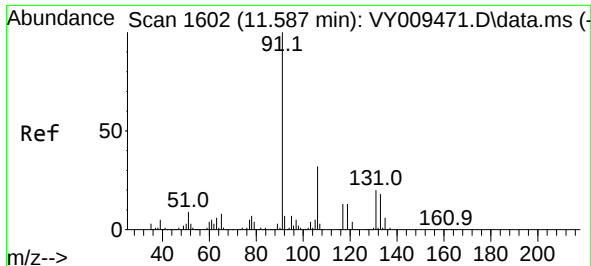
07/11/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.329 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

Tgt Ion:131 Resp: 86294
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 60.4 30.8 92.3





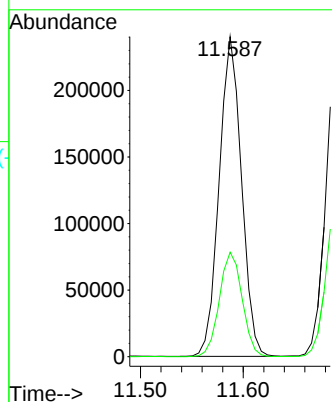
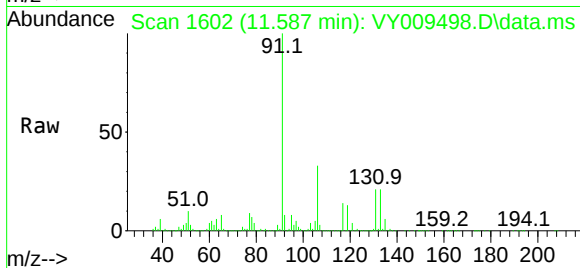
#67
Ethyl Benzene
Concen: 47.205 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 361275
Ion Ratio Lower Upper
91 100
106 32.7 24.5 36.7

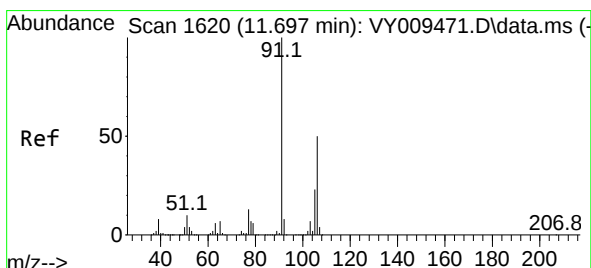
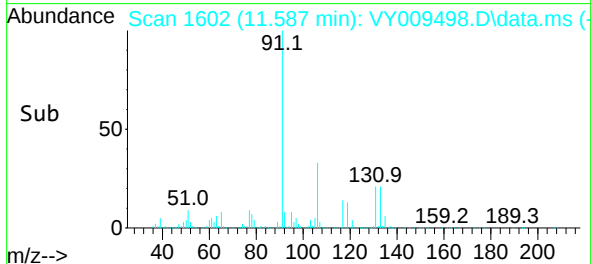
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



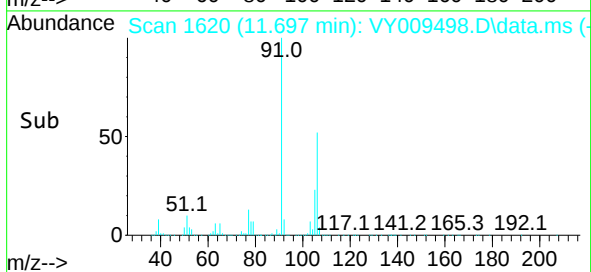
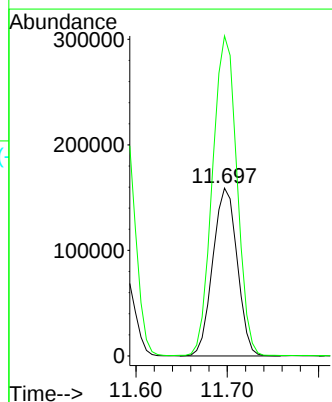
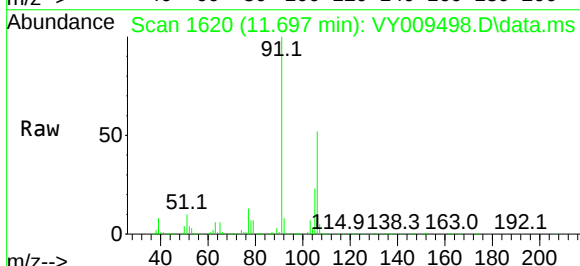
07/11/2022
Supervised By :Mahesh
Dadoda

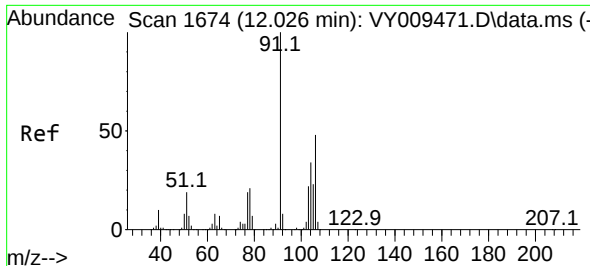
07/11/2022



#68
m/p-Xylenes
Concen: 98.741 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

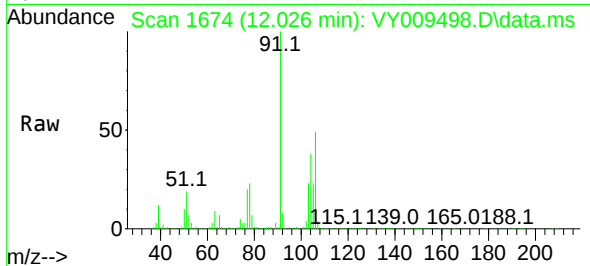
Tgt Ion:106 Resp: 294727
Ion Ratio Lower Upper
106 100
91 191.2 166.6 249.8





#69
o-Xylene
Concen: 50.285 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

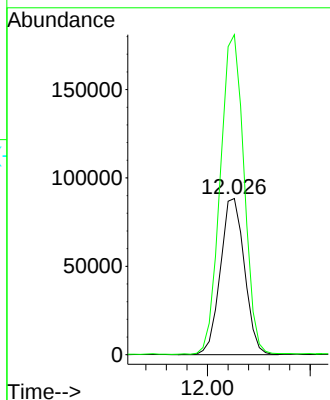
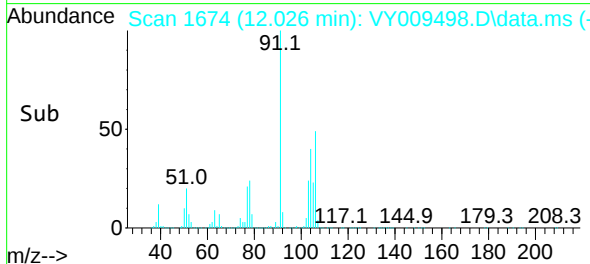
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 143860
Ion Ratio Lower Upper
106 100
91 202.1 110.3 331.0

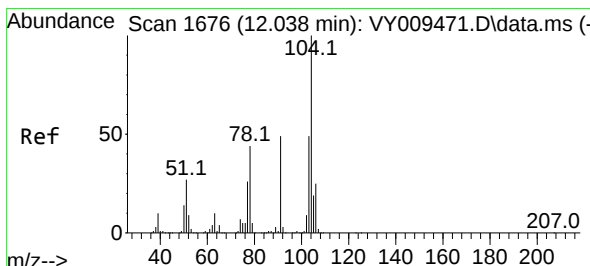
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



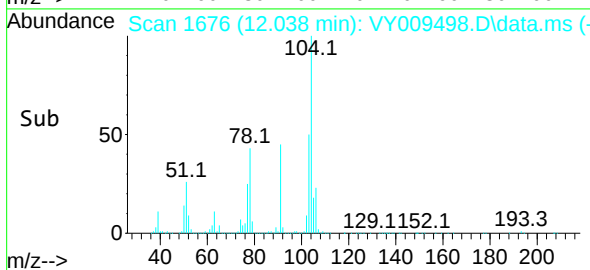
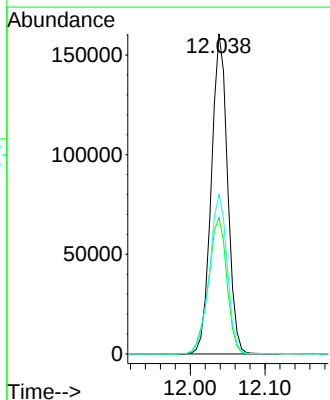
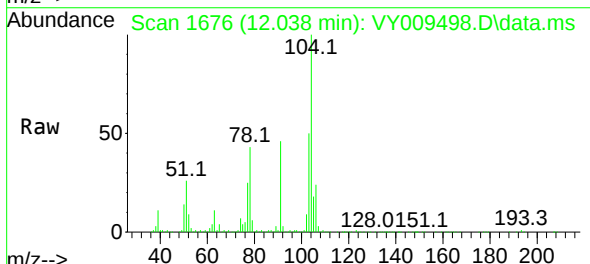
07/11/2022
Supervised By :Mahesh
Dadoda

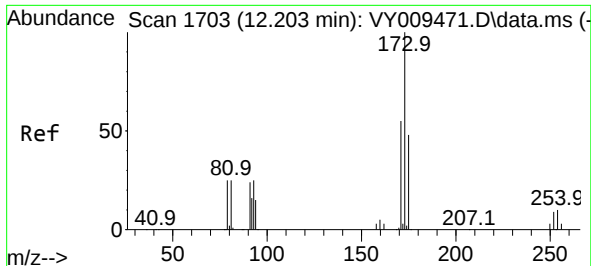
07/11/2022



#70
Styrene
Concen: 50.829 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

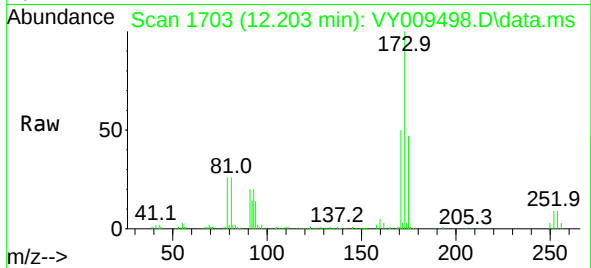
Tgt Ion:104 Resp: 242898
Ion Ratio Lower Upper
104 100
78 48.2 42.4 63.6
103 54.4 44.4 66.6





#71
Bromoform
Concen: 56.272 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

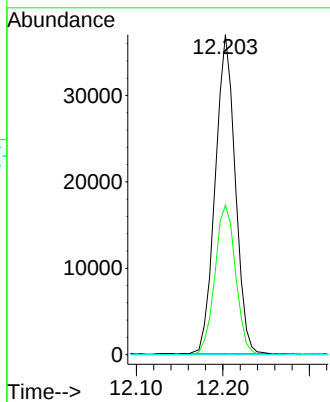
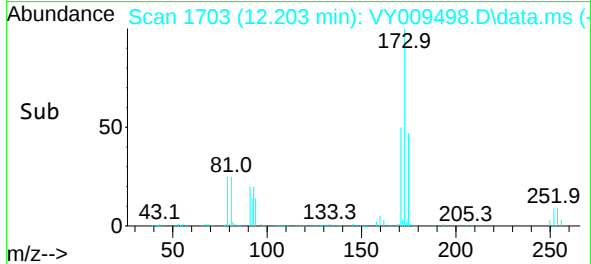
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 5914
Ion Ratio Lower Upper
173 100
175 48.4 24.6 74.0
254 0.0 0.0 0.0

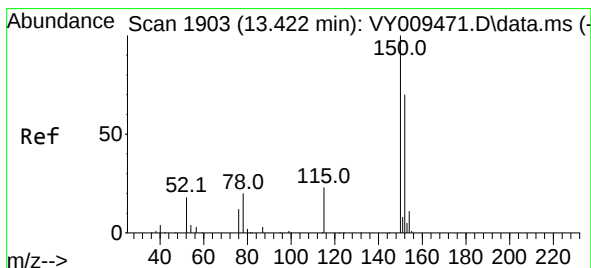
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



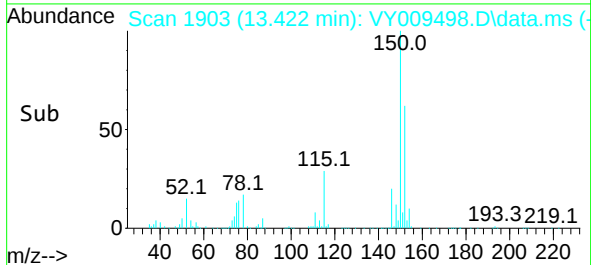
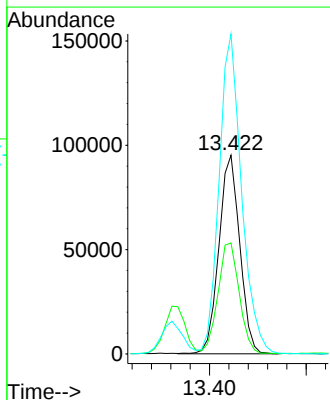
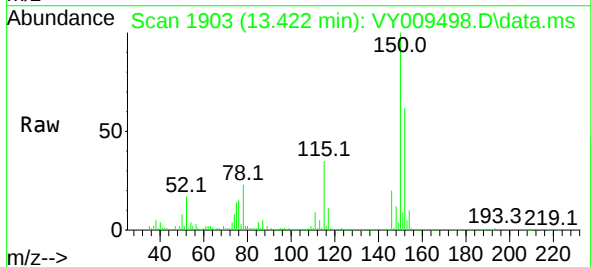
07/11/2022
Supervised By :Mahesh
Dadoda

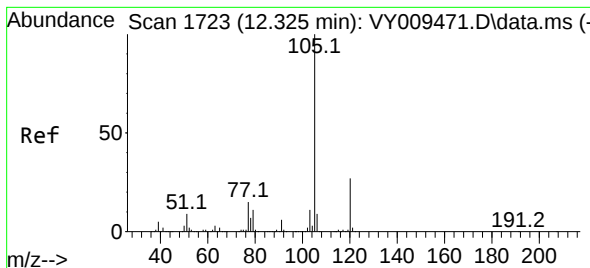
07/11/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

Tgt Ion:152 Resp: 142203
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 173.8 0.0 347.6





#73

Isopropylbenzene

Concen: 38.076 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009498.D

Acq: 08 Jul 2022 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 370299

Ion Ratio Lower Upper

105 100

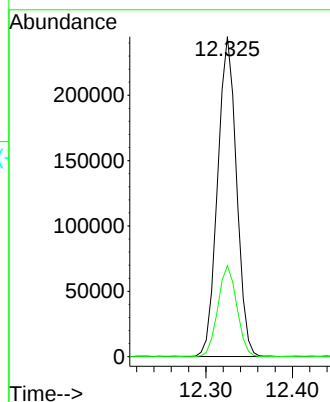
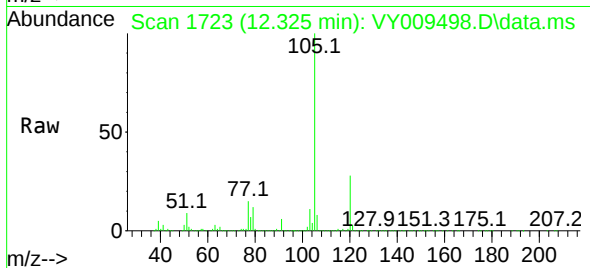
120 28.5 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

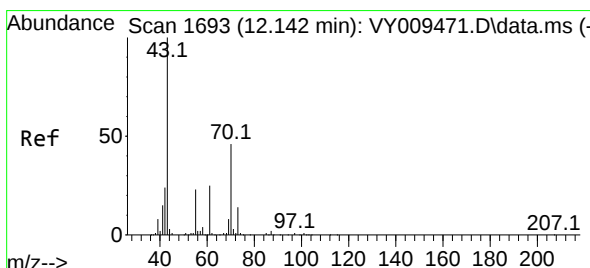
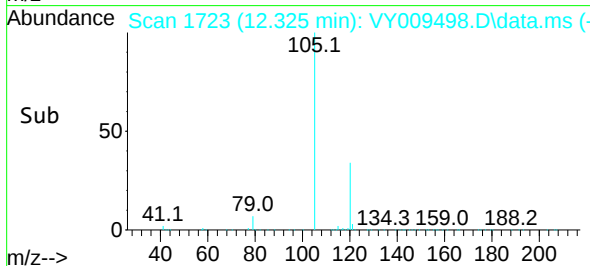
Supervised By :Mahesh Dadoda 07/11/2022



07/11/2022

Supervised By :Mahesh
Dadoda

07/11/2022



#74

N-ethyl acetate

Concen: 34.120 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY009498.D

Acq: 08 Jul 2022 21:16

Tgt Ion: 43 Resp: 94411

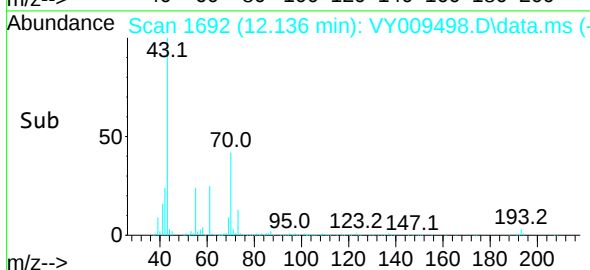
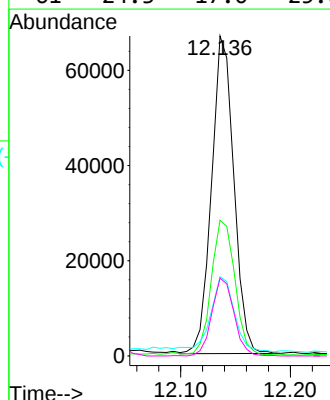
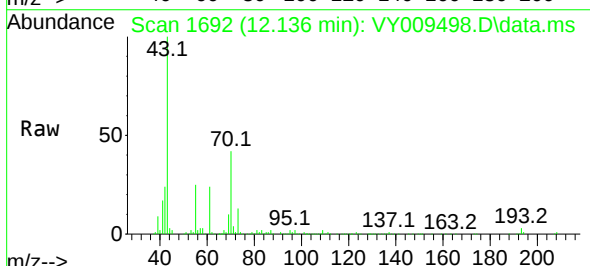
Ion Ratio Lower Upper

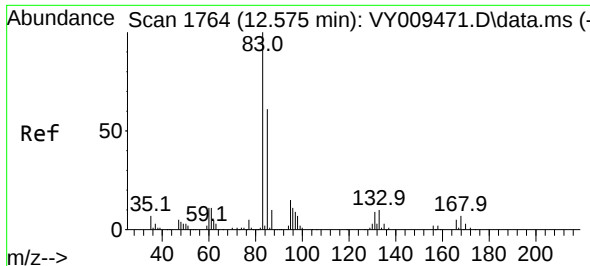
43 100

70 44.5 28.7 43.1#

55 25.0 17.3 25.9

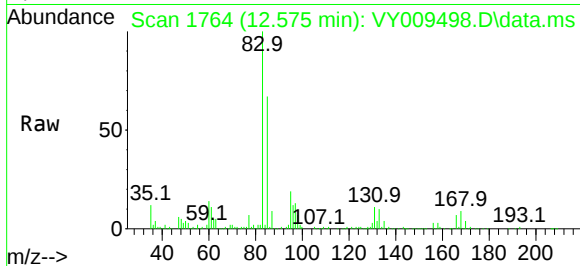
61 24.3 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 36.187 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

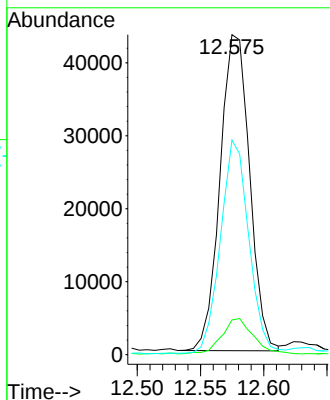
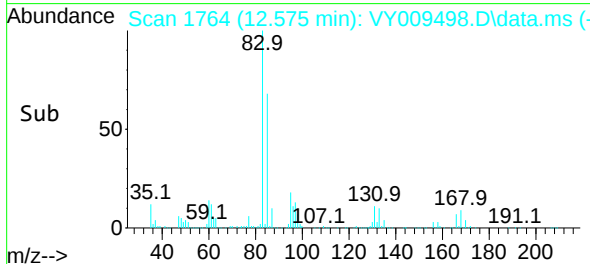
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 70460
Ion Ratio Lower Upper
83 100
131 13.0 5.6 16.8
85 65.2 32.3 96.8

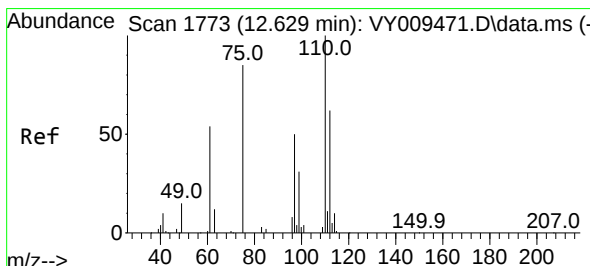
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



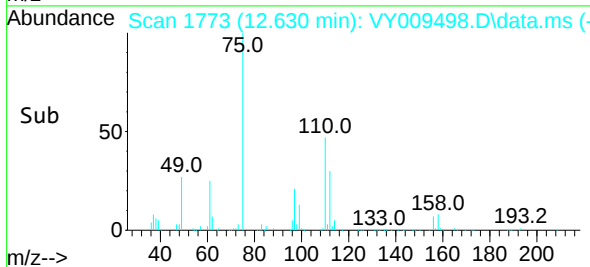
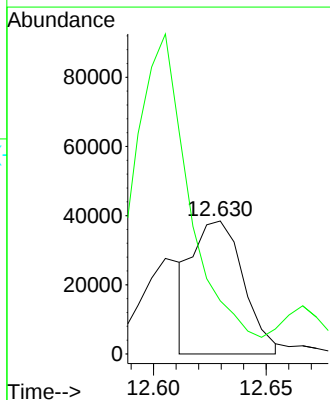
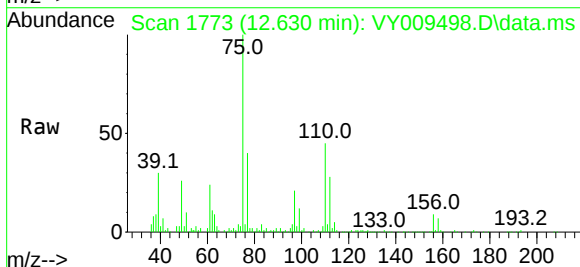
07/11/2022
Supervised By :Mahesh
Dadoda

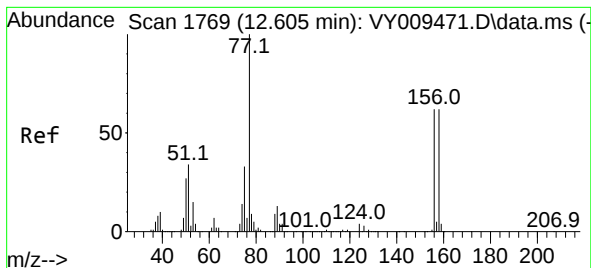
07/11/2022



#76
1,2,3-Trichloropropane
Concen: 39.573 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

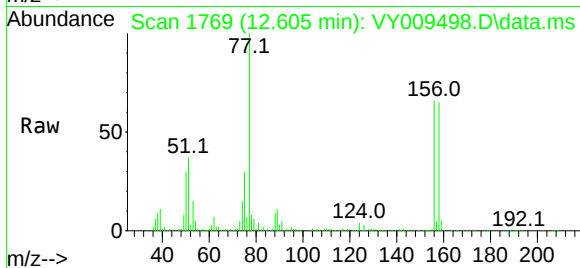
Tgt Ion: 75 Resp: 59571
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 41.259 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

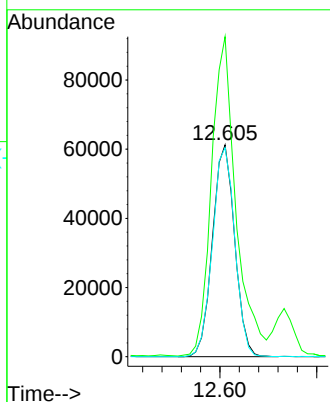
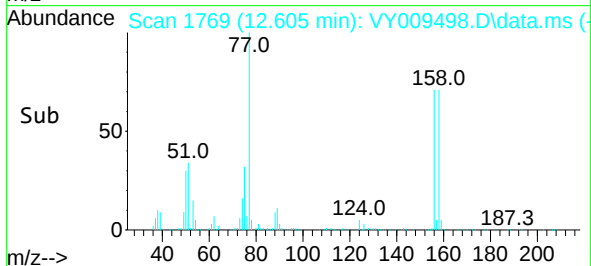
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 97684
Ion Ratio Lower Upper
156 100
77 166.4 95.5 286.4
158 99.3 48.0 144.0

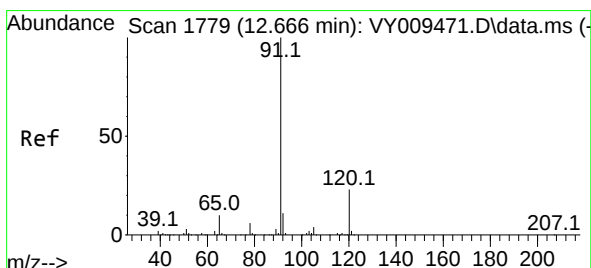
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

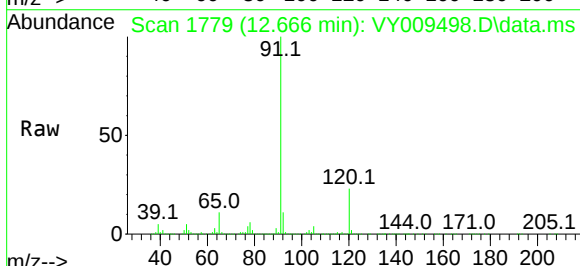


07/11/2022
Supervised By :Mahesh
Dadoda

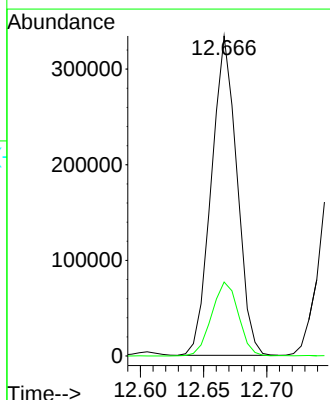
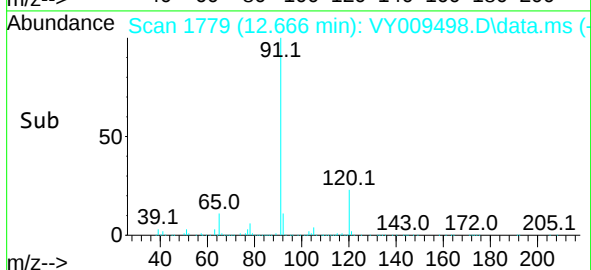
07/11/2022

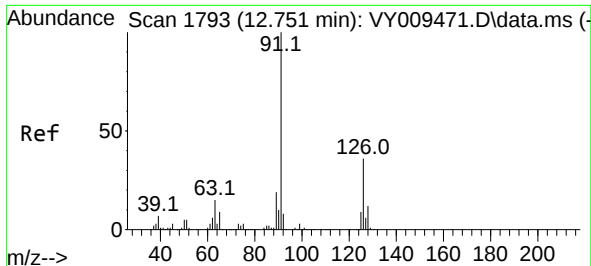


#78
n-propylbenzene
Concen: 39.997 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16



Tgt Ion: 91 Resp: 469941
Ion Ratio Lower Upper
91 100
120 24.2 11.3 33.9





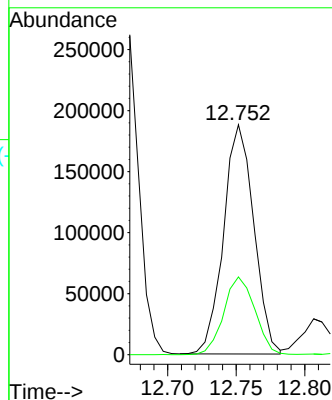
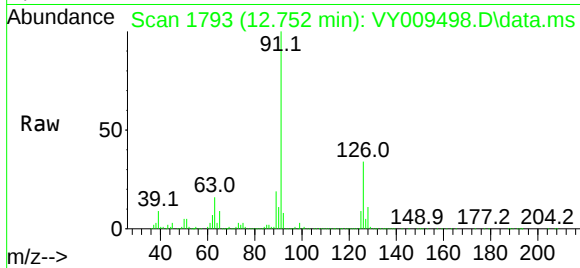
#79
2-Chlorotoluene
Concen: 43.883 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 28865
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.6

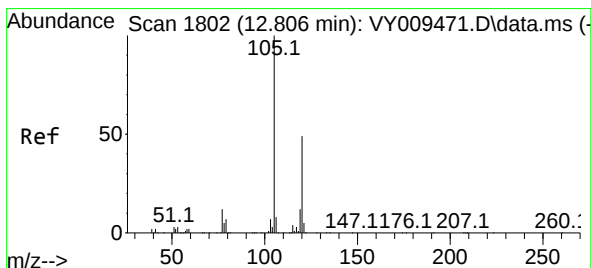
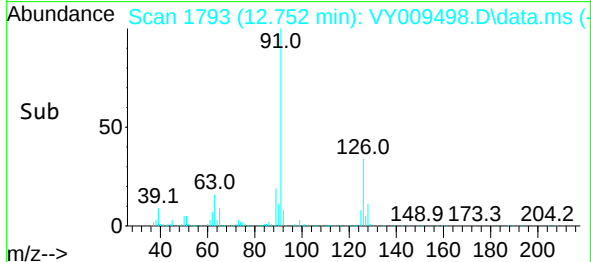
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



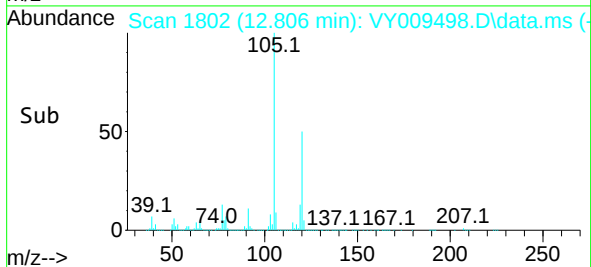
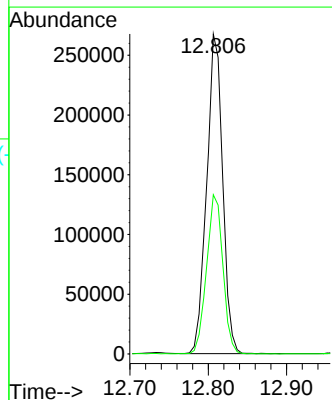
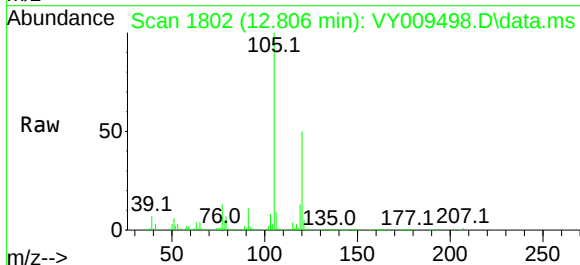
07/11/2022
Supervised By :Mahesh
Dadoda

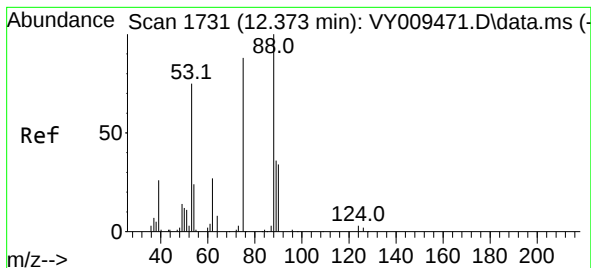
07/11/2022



#80
1,3,5-Trimethylbenzene
Concen: 46.539 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

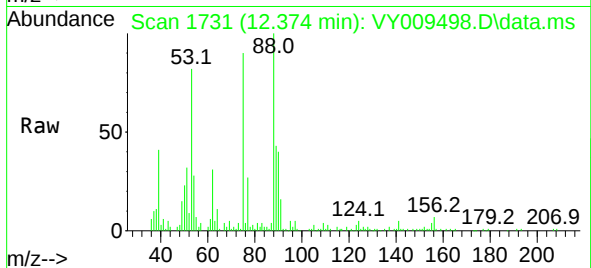
Tgt Ion:105 Resp: 378313
Ion Ratio Lower Upper
105 100
120 50.8 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 31.655 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

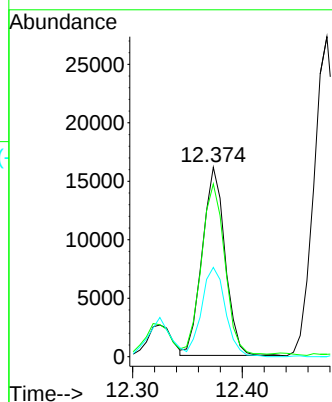
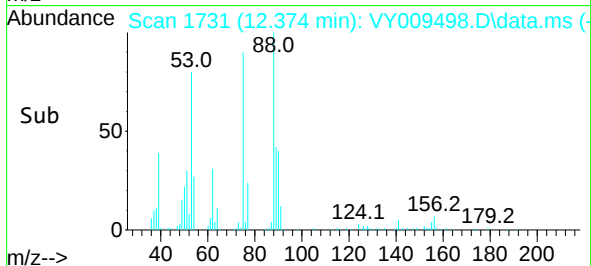
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2328
Ion Ratio Lower Upper
75 100
53 93.4 85.3 127.9
89 49.7 37.0 55.4

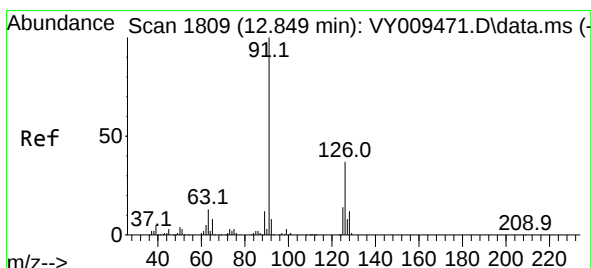
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



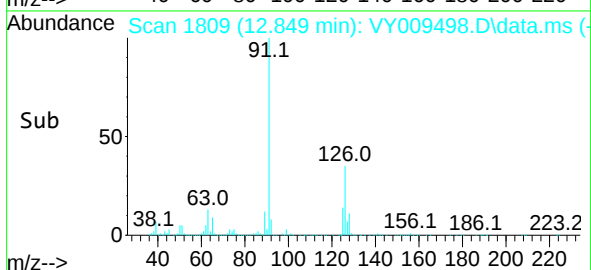
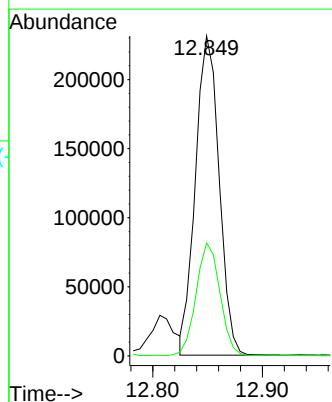
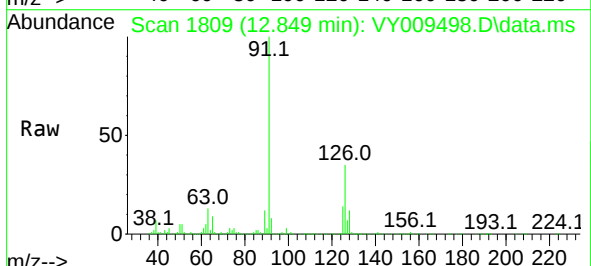
07/11/2022
Supervised By :Mahesh
Dadoda

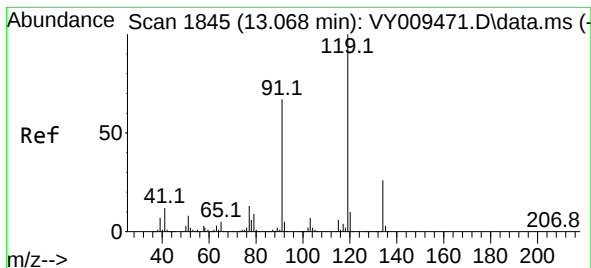
07/11/2022



#82
4-Chlorotoluene
Concen: 50.252 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

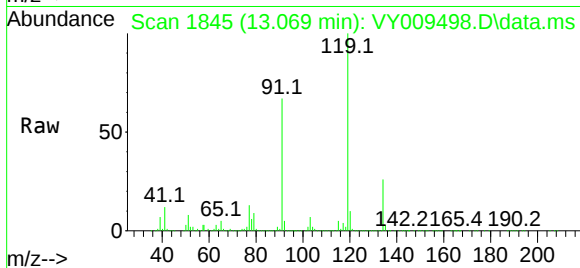
Tgt Ion: 91 Resp: 346417
Ion Ratio Lower Upper
91 100
126 35.5 17.0 51.0





#83
tert-Butylbenzene
Concen: 51.859 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. 0.001 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

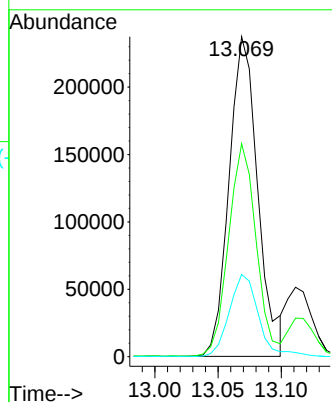
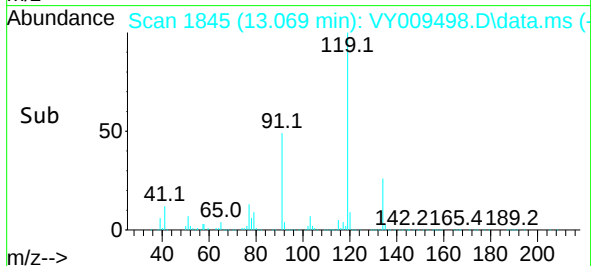
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 375051
Ion Ratio Lower Upper
119 100
91 63.7 34.8 104.4
134 26.2 13.3 39.9

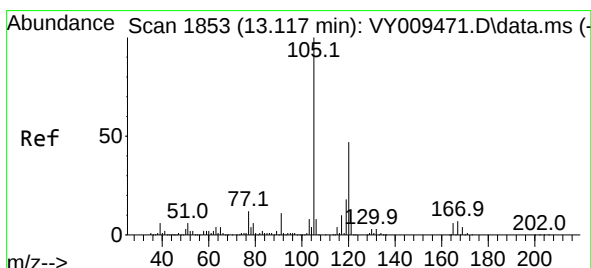
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

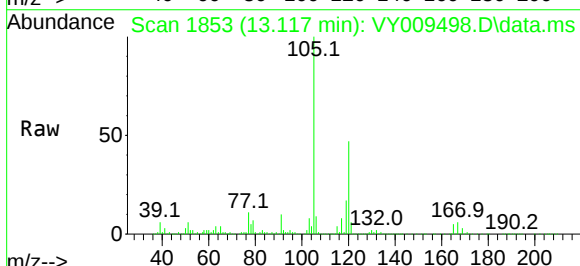


07/11/2022
Supervised By :Mahesh
Dadoda

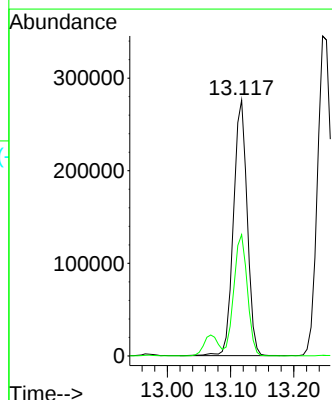
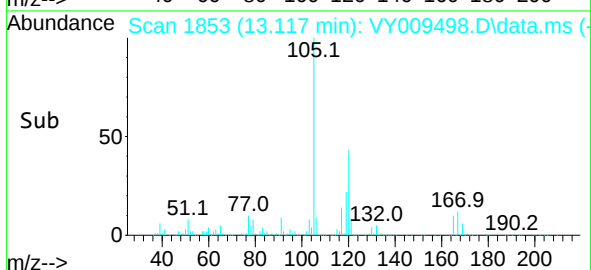
07/11/2022

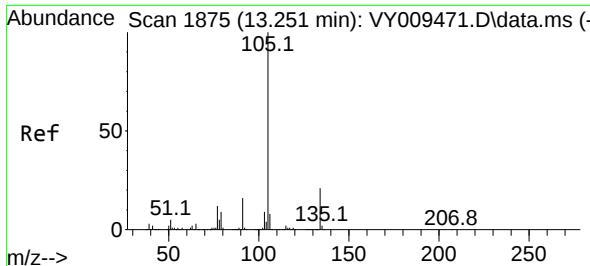


#84
1,2,4-Trimethylbenzene
Concen: 51.420 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16



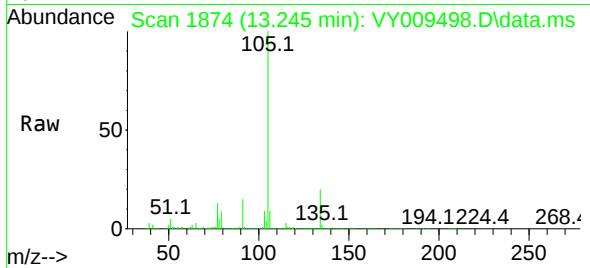
Tgt Ion:105 Resp: 416051
Ion Ratio Lower Upper
105 100
120 47.1 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 49.764 ug/l
 RT: 13.245 min Scan# 1874
 Delta R.T. -0.006 min
 Lab File: VY009498.D
 Acq: 08 Jul 2022 21:16

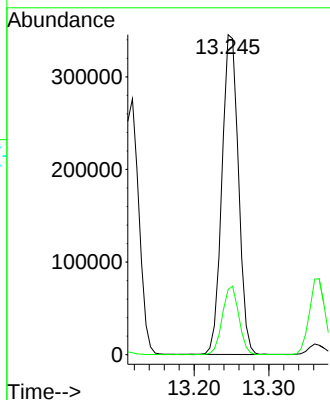
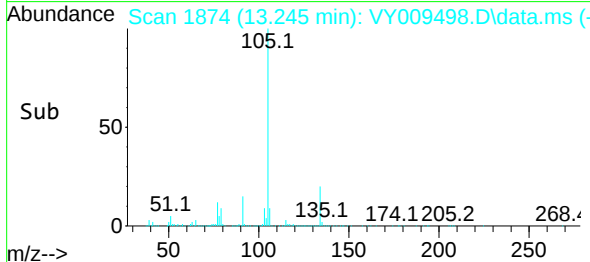
Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050EC



Tgt Ion:105 Resp: 530039
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.2 30.4

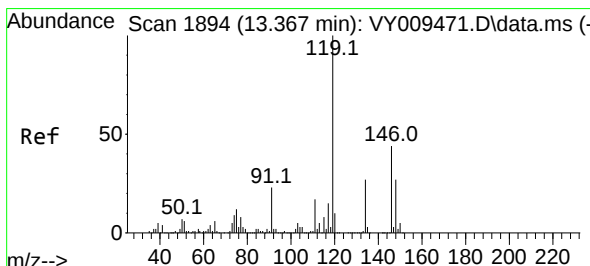
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



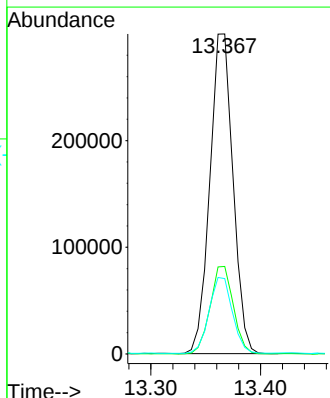
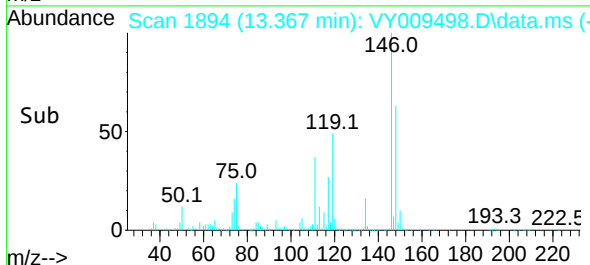
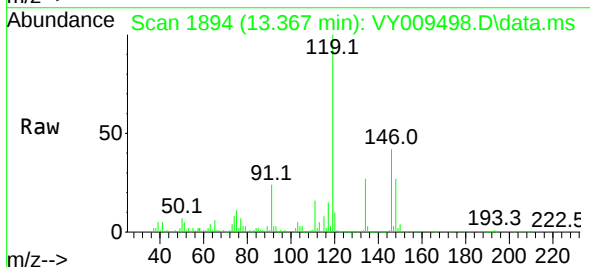
07/11/2022
 Supervised By :Mahesh
 Dadoda

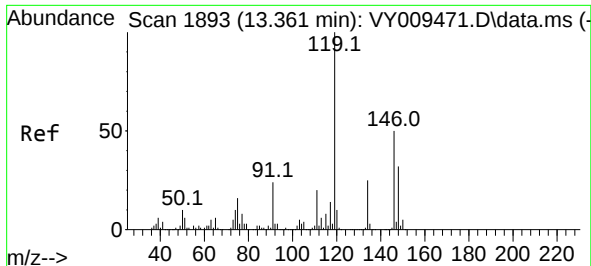
07/11/2022



#86
 p-Isopropyltoluene
 Concen: 49.558 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009498.D
 Acq: 08 Jul 2022 21:16

Tgt Ion:119 Resp: 439988
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.2 39.5
 91 23.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.946 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY009498.D

Acq: 08 Jul 2022 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 233419

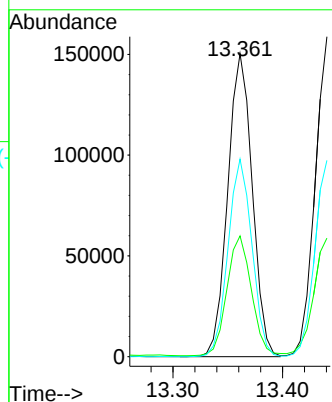
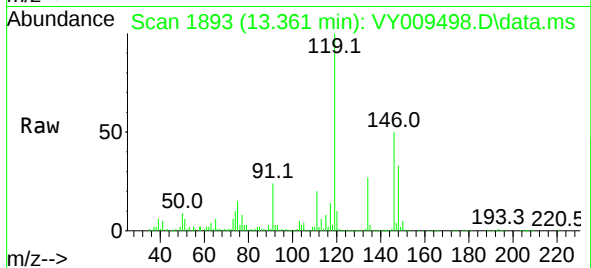
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	63.7	31.6	95.0

Manual Integrations

APPROVED

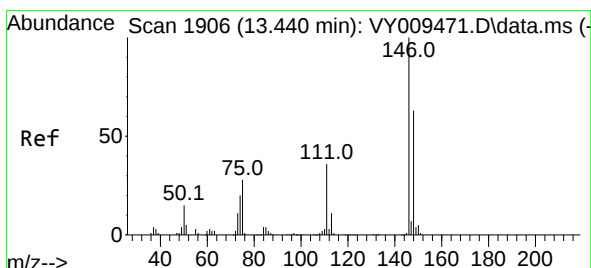
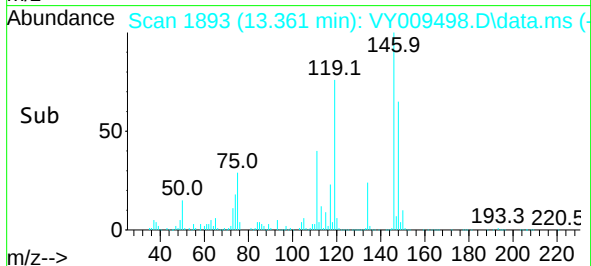
Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



07/11/2022
Supervised By :Mahesh
Dadoda

07/11/2022



#88

1,4-Dichlorobenzene

Concen: 50.028 ug/l

RT: 13.440 min Scan# 1906

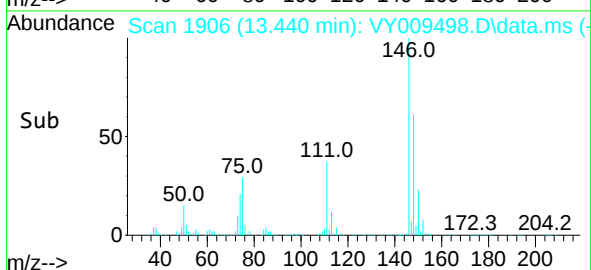
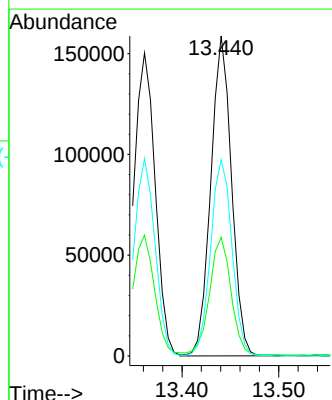
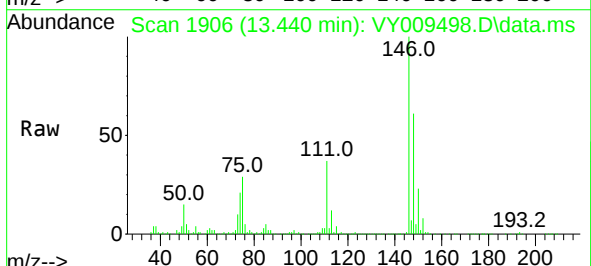
Delta R.T. 0.000 min

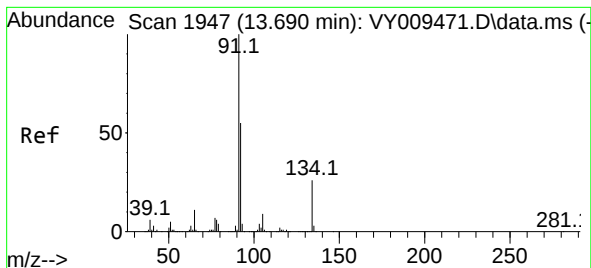
Lab File: VY009498.D

Acq: 08 Jul 2022 21:16

Tgt Ion:146 Resp: 236634

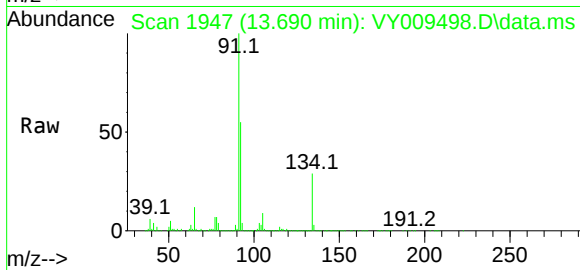
Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.3	57.8
148	63.4	32.6	97.8





#89
n-Butylbenzene
Concen: 48.344 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

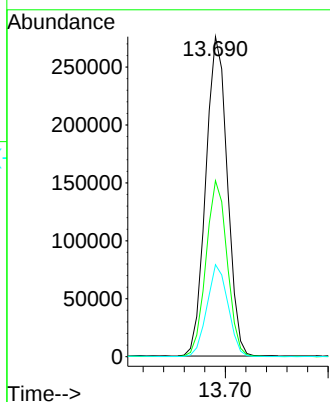
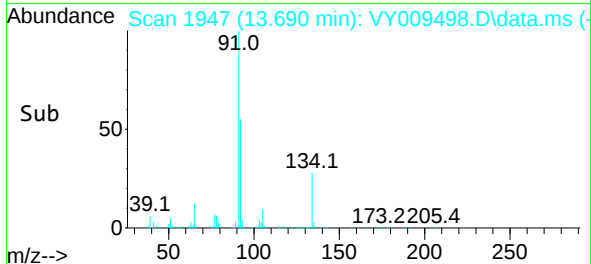
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 400800
Ion Ratio Lower Upper
91 100
92 54.2 26.3 78.9
134 28.3 13.0 38.9

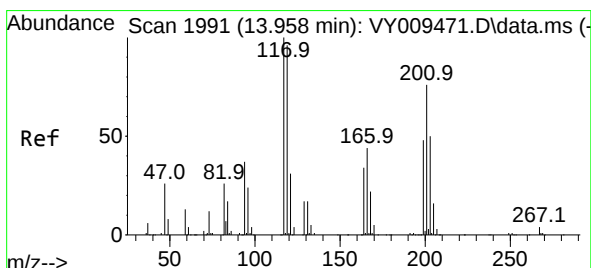
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



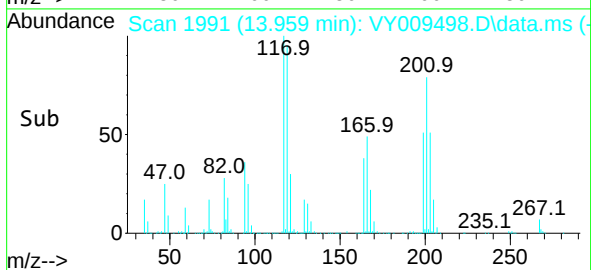
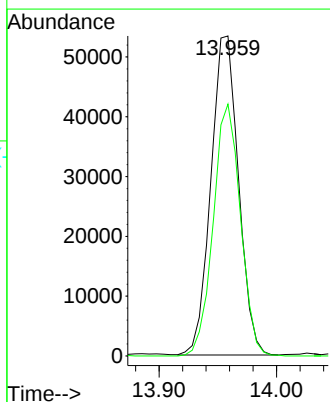
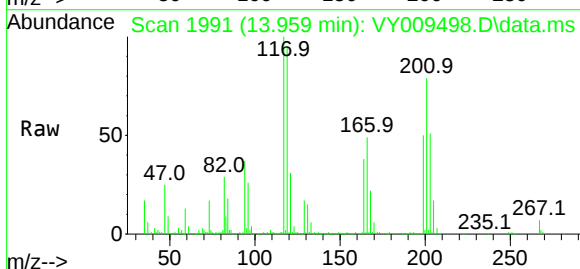
07/11/2022
Supervised By :Mahesh
Dadoda

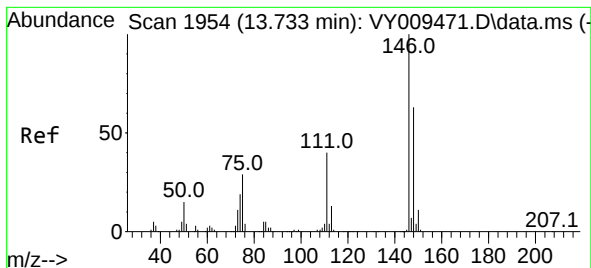
07/11/2022



#90
Hexachloroethane
Concen: 50.055 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

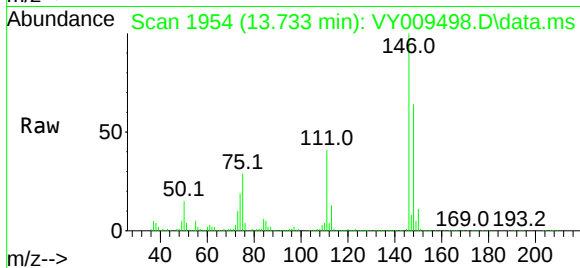
Tgt Ion:117 Resp: 87195
Ion Ratio Lower Upper
117 100
201 77.7 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 50.991 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

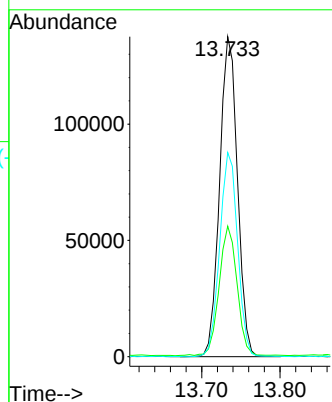
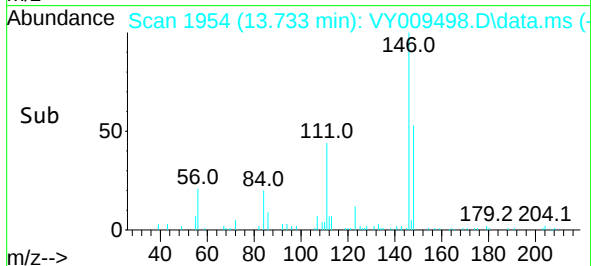
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 21833
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 64.1 32.3 96.9

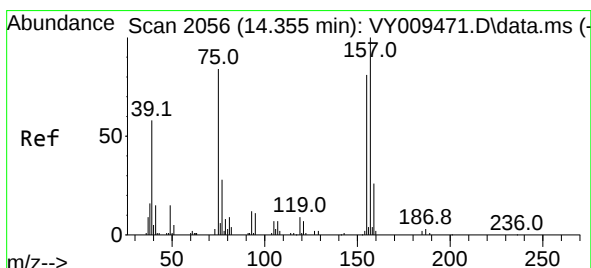
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



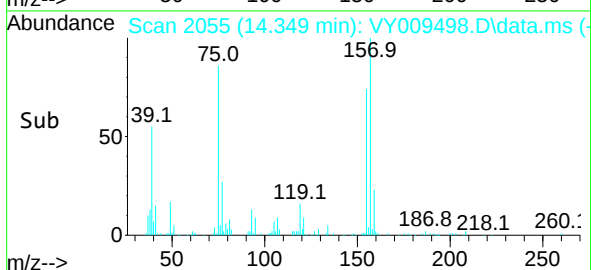
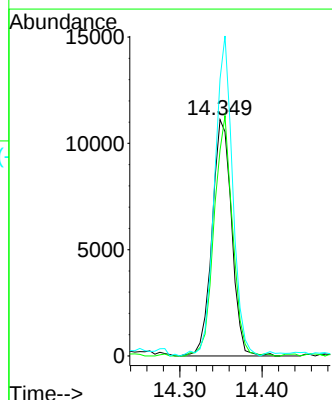
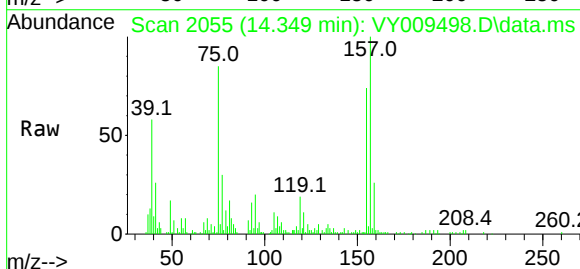
07/11/2022
Supervised By :Mahesh
Dadoda

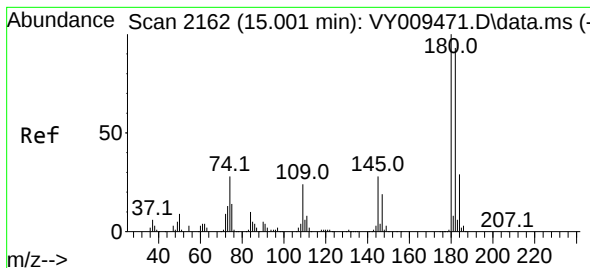
07/11/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.861 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

Tgt Ion: 75 Resp: 18383
Ion Ratio Lower Upper
75 100
155 95.6 38.0 113.9
157 124.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.577 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY009498.D

Acq: 08 Jul 2022 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 13208

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.9

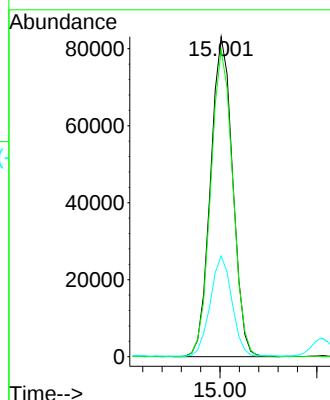
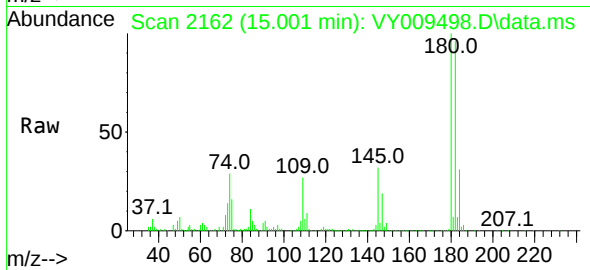
145 30.7 14.6 43.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

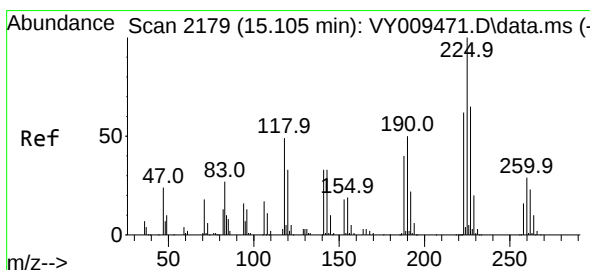
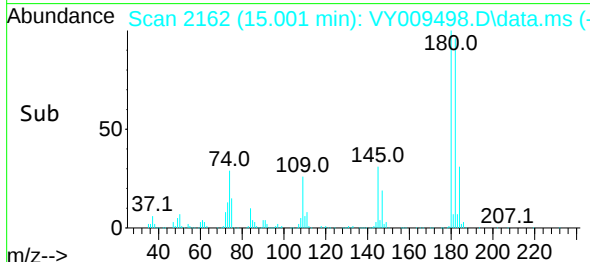
Supervised By :Mahesh Dadoda 07/11/2022



07/11/2022

Supervised By :Mahesh
Dadoda

07/11/2022



#94

Hexachlorobutadiene

Concen: 49.973 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.000 min

Lab File: VY009498.D

Acq: 08 Jul 2022 21:16

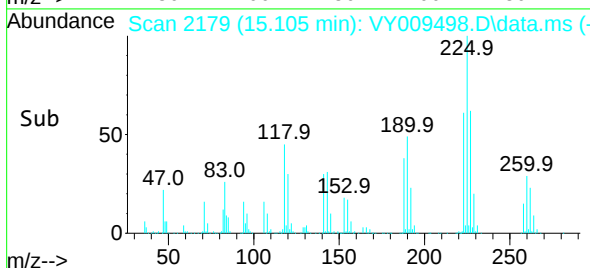
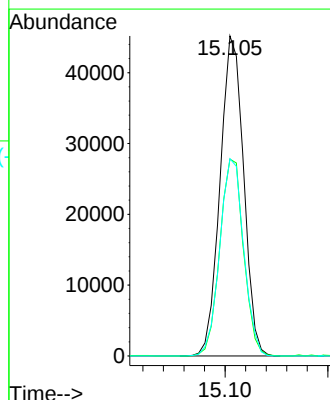
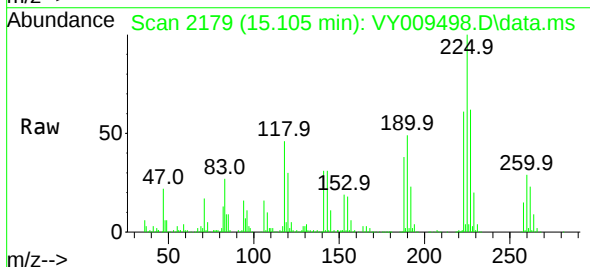
Tgt Ion:225 Resp: 71749

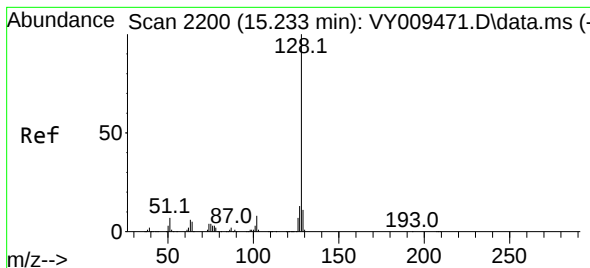
Ion Ratio Lower Upper

225 100

223 62.1 30.8 92.3

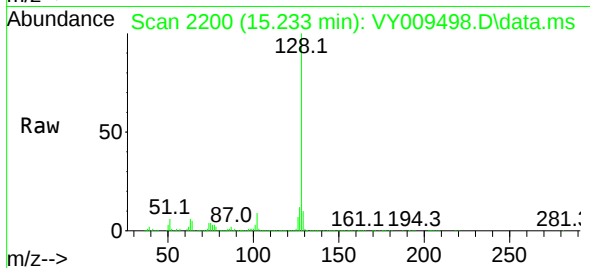
227 62.6 31.6 94.7





#95
Naphthalene
Concen: 57.463 ug/l
RT: 15.233 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

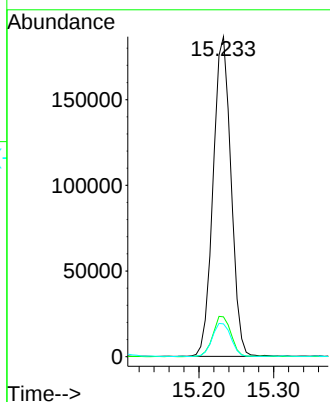
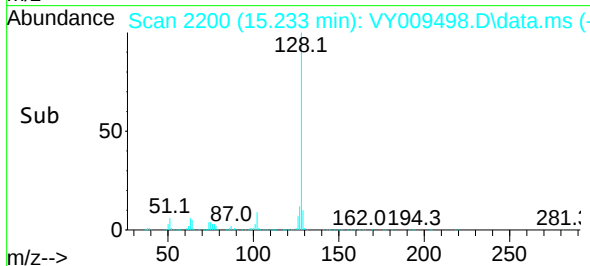
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 31027
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 10.9 8.4 12.6

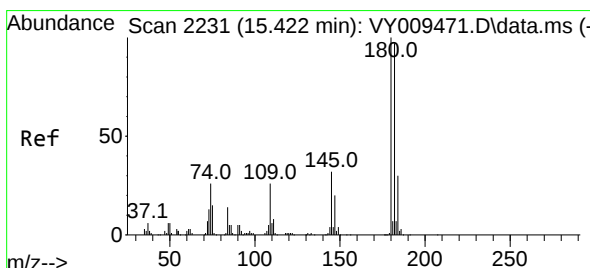
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



07/11/2022
Supervised By :Mahesh
Dadoda

07/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.041 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY009498.D
Acq: 08 Jul 2022 21:16

Tgt Ion:180 Resp: 119973
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.9
145 32.5 15.3 45.9

