

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011147.D
 Acq On : 28 Oct 2022 10:31
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 22:45:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 22:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	247330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	417799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	378986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	27464	10.739	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.480%#		
35) Dibromofluoromethane	7.716	113	26768	10.418	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.840%#		
50) Toluene-d8	10.179	98	102642	10.084	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	20.160%#		
62) 4-Bromofluorobenzene	12.477	95	33071	9.930	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	13618	10.114	ug/l	96
3) Chloromethane	2.113	50	19593	10.781	ug/l	95
4) Vinyl Chloride	2.253	62	22477	10.481	ug/l	98
5) Bromomethane	2.650	94	17277	11.451	ug/l	95
6) Chloroethane	2.796	64	15525	10.447	ug/l	97
7) Trichlorofluoromethane	3.125	101	36391	10.410	ug/l	94
8) Diethyl Ether	3.527	74	13255	10.525	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	22808	10.331	ug/l	94
10) Methyl Iodide	4.088	142	23416	9.681	ug/l	91
11) Tert butyl alcohol	4.948	59	17166	61.233	ug/l	99
12) 1,1-Dichloroethene	3.869	96	20656	10.396	ug/l	85
13) Acrolein	3.723	56	10814	60.039	ug/l	100
14) Allyl chloride	4.478	41	32172	10.428	ug/l #	86
15) Acrylonitrile	5.167	53	36079	51.919	ug/l	98
16) Acetone	3.948	43	32613	52.120	ug/l #	79
17) Carbon Disulfide	4.192	76	55833	10.826	ug/l	99
18) Methyl Acetate	4.478	43	20494	10.365	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	58757	10.019	ug/l	98
20) Methylene Chloride	4.716	84	40579	12.504	ug/l	85
21) trans-1,2-Dichloroethene	5.222	96	24118	10.587	ug/l	87
22) Diisopropyl ether	6.118	45	74064	10.442	ug/l #	92
23) Vinyl Acetate	6.057	43	202045	50.106	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	46281	10.561	ug/l	99
25) 2-Butanone	6.984	43	47468	52.921	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	41075	10.488	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	28606	10.365	ug/l	89
28) Bromochloromethane	7.332	49	20310	10.150	ug/l	87
29) Tetrahydrofuran	7.344	42	27275	51.037	ug/l #	84
30) Chloroform	7.508	83	49280	10.712	ug/l	99
31) Cyclohexane	7.789	56	37895	10.526	ug/l #	79
32) 1,1,1-Trichloroethane	7.697	97	40238	10.280	ug/l	95
36) 1,1-Dichloropropene	7.917	75	34165	10.200	ug/l	98
37) Ethyl Acetate	7.069	43	19819	10.458	ug/l #	93
38) Carbon Tetrachloride	7.899	117	36698	10.059	ug/l	97
39) Methylcyclohexane	9.185	83	35216	9.423	ug/l	92
40) Benzene	8.161	78	104075	10.378	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	9622	8.919	ug/l #	47
42) 1,2-Dichloroethane	8.234	62	29643	10.389	ug/l	91
43) Isopropyl Acetate	8.270	43	33762	9.991	ug/l #	87
44) Trichloroethene	8.941	130	27584	10.234	ug/l	99
45) 1,2-Dichloropropane	9.215	63	26944	10.207	ug/l	93
46) Dibromomethane	9.307	93	15204	10.304	ug/l	96
47) Bromodichloromethane	9.496	83	37018	10.152	ug/l	98
48) Methyl methacrylate	9.289	41	14523	9.642	ug/l #	79
49) 1,4-Dioxane	9.295	88	4036	198.169	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	94747	49.728	ug/l #	88
52) Toluene	10.240	92	64224	10.231	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	36292	9.926	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	41247	9.953	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	22888	10.421	ug/l	96
56) Ethyl methacrylate	10.508	69	26039	9.421	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	38099	10.392	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	41499	35.538	ug/l	97
59) 2-Hexanone	10.831	43	63451	48.254	ug/l	87
60) Dibromochloromethane	10.983	129	26740	10.297	ug/l	99
61) 1,2-Dibromoethane	11.087	107	20764	10.415	ug/l	99
64) Tetrachloroethene	10.715	164	26389	10.091	ug/l	94
65) Chlorobenzene	11.514	112	70572	10.113	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	27581	10.186	ug/l	97
67) Ethyl Benzene	11.593	91	120614	9.894	ug/l	99
68) m/p-Xylenes	11.703	106	91602	19.715	ug/l	96
69) o-Xylene	12.026	106	43593	9.837	ug/l	92
70) Styrene	12.044	104	73683	9.729	ug/l	96
71) Bromoform	12.209	173	16777	10.112	ug/l #	96
73) Isopropylbenzene	12.331	105	114787	9.701	ug/l	99
74) N-amyl acetate	12.142	43	27593	9.500	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	27220	10.545	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	19684m	10.225	ug/l	
77) Bromobenzene	12.605	156	27570	9.907	ug/l	97
78) n-propylbenzene	12.672	91	140998	9.799	ug/l	99
79) 2-Chlorotoluene	12.751	91	82841	10.066	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	98971	9.928	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	8932	10.068	ug/l #	84
82) 4-Chlorotoluene	12.855	91	87836	10.288	ug/l	98
83) tert-Butylbenzene	13.075	119	83672	9.615	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	96732	9.858	ug/l	100
85) sec-Butylbenzene	13.251	105	127104	9.768	ug/l	98
86) p-Isopropyltoluene	13.367	119	102621	9.600	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	57526	10.182	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	56900	10.067	ug/l	97
89) n-Butylbenzene	13.696	91	93898	9.404	ug/l	99
90) Hexachloroethane	13.958	117	22263	9.970	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	51614	10.156	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4111	9.892	ug/l	86
93) 1,2,4-Trichlorobenzene	15.001	180	26436	9.089	ug/l	99
94) Hexachlorobutadiene	15.105	225	16447	9.364	ug/l	97
95) Naphthalene	15.233	128	48449	8.323	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	22248	8.787	ug/l	97

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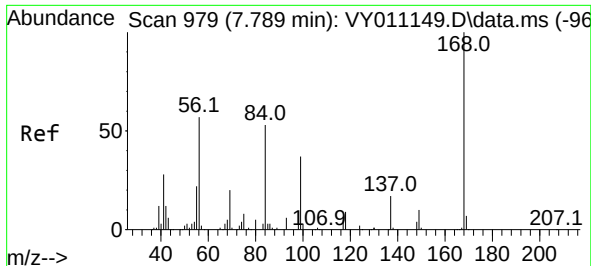
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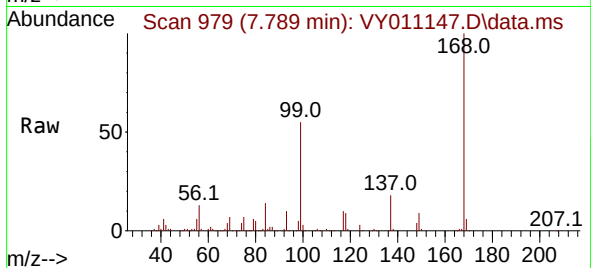
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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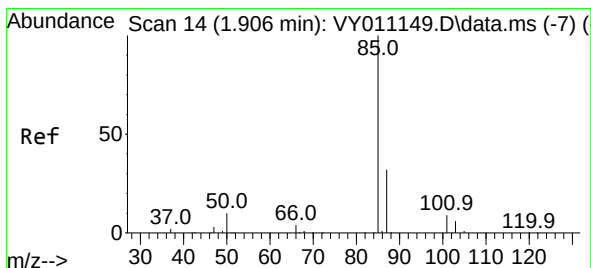
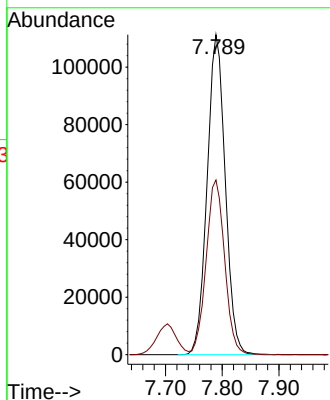
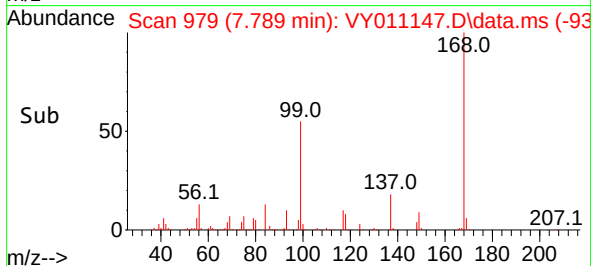
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VSTDIC010



Tgt Ion:168 Resp: 247330
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3

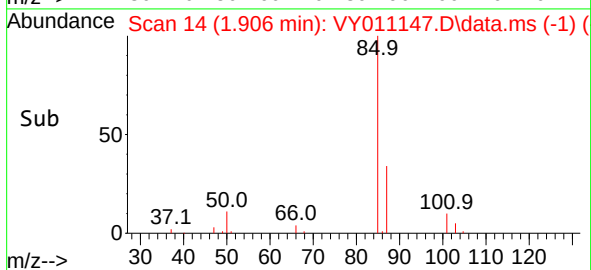
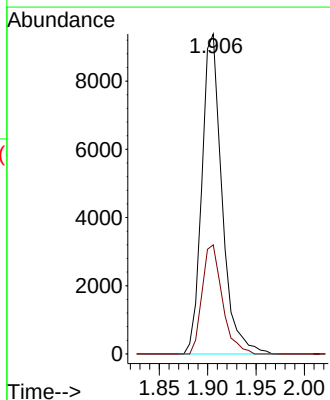
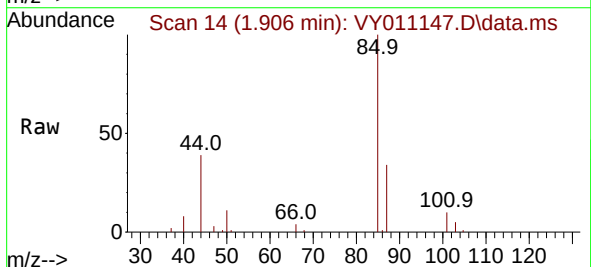
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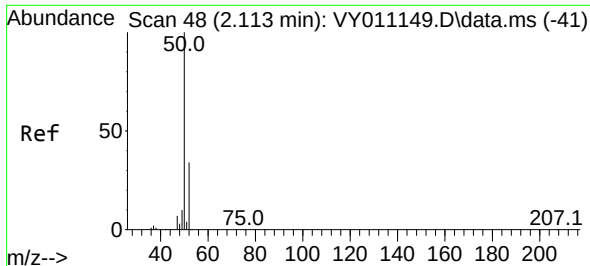
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#2
Dichlorodifluoromethane
Concen: 10.114 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

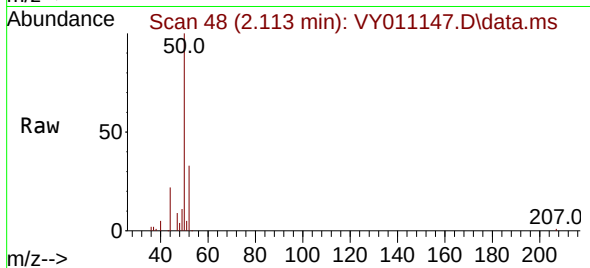
Tgt Ion: 85 Resp: 13618
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2





#3
Chloromethane
Concen: 10.781 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

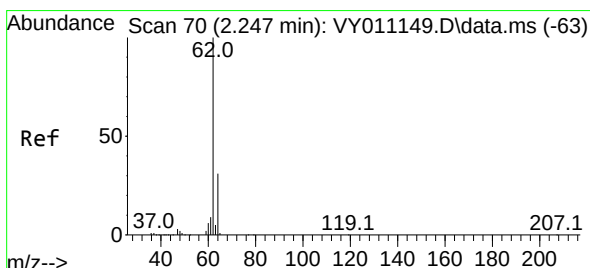
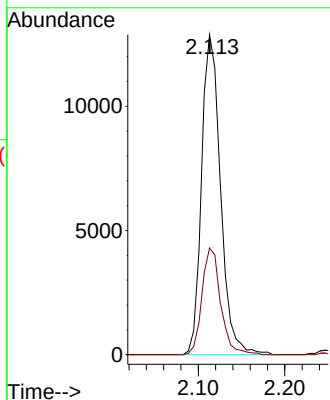
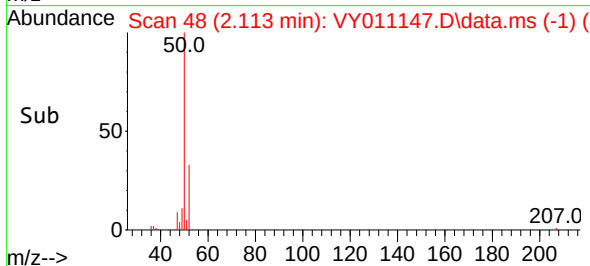
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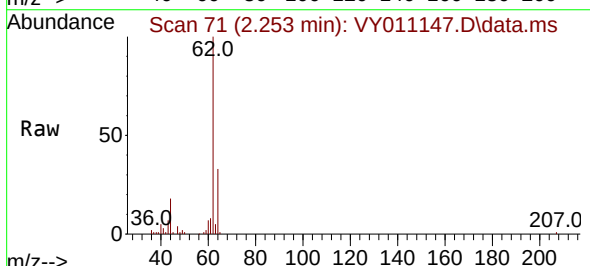
Tgt Ion: 50 Resp: 1959
Ion Ratio Lower Upper
50 100
52 33.4 24.6 37.0

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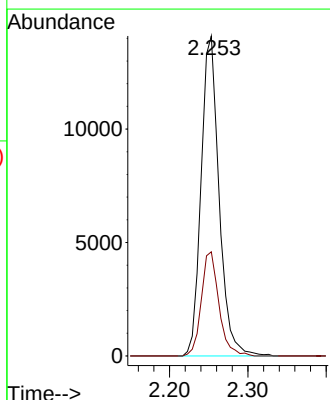
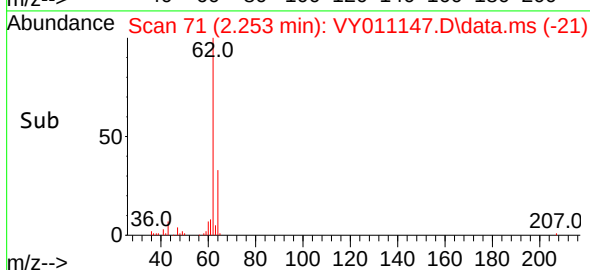
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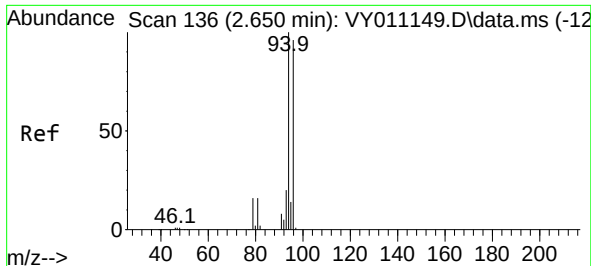


#4
Vinyl Chloride
Concen: 10.481 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31



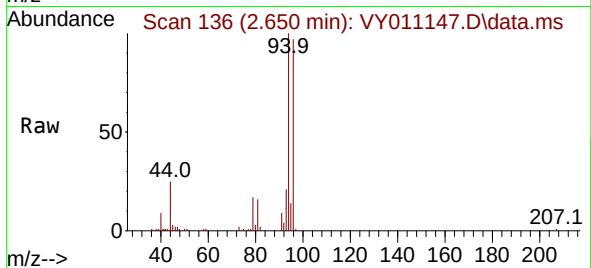
Tgt Ion: 62 Resp: 22477
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6





#5
Bromomethane
Concen: 11.451 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

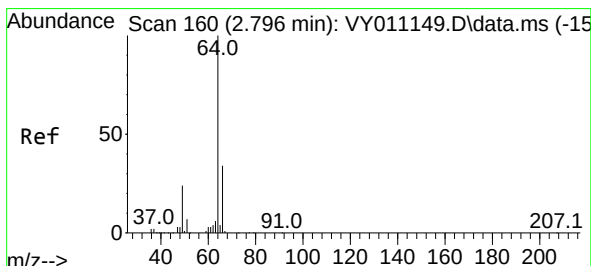
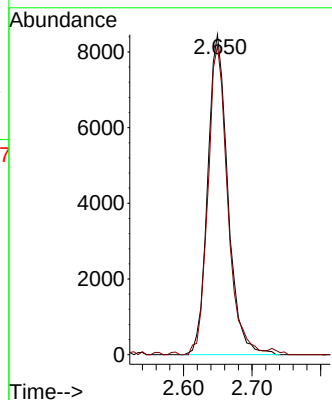
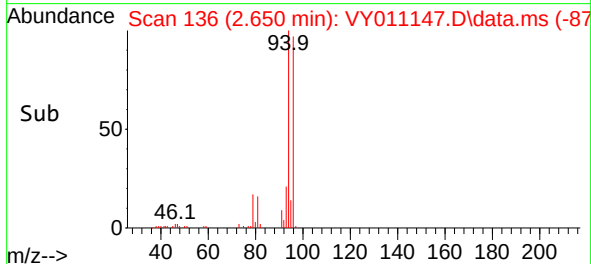
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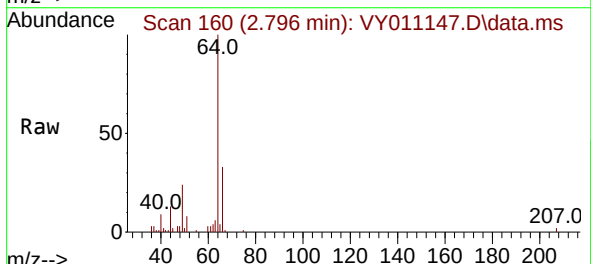
Tgt Ion: 94 Resp: 1727
Ion Ratio Lower Upper
94 100
96 96.6 73.5 110.3

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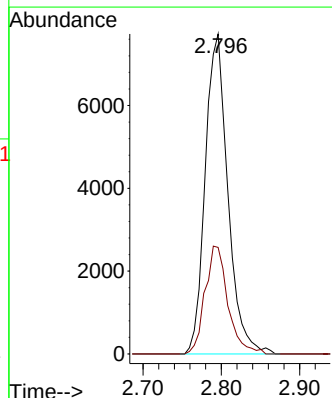
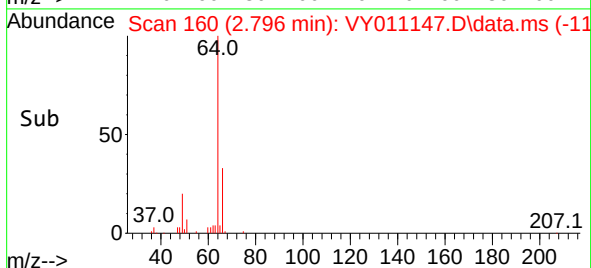
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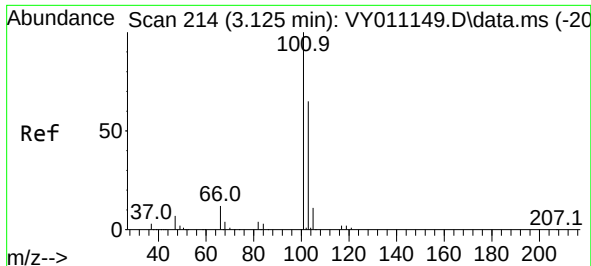


#6
Chloroethane
Concen: 10.447 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY011147.D
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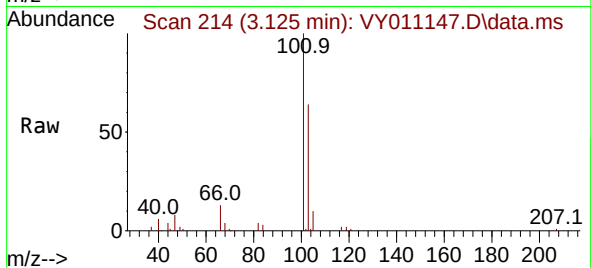
Tgt Ion: 64 Resp: 15525
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 10.410 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY011147.D
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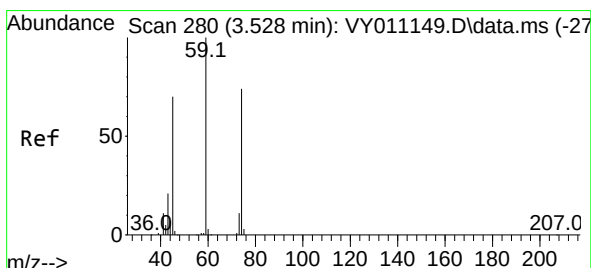
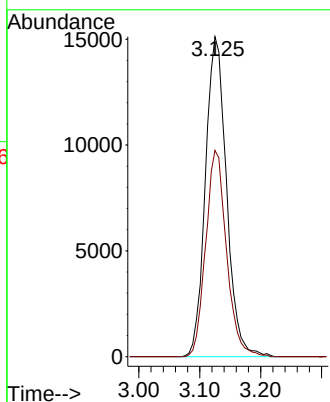
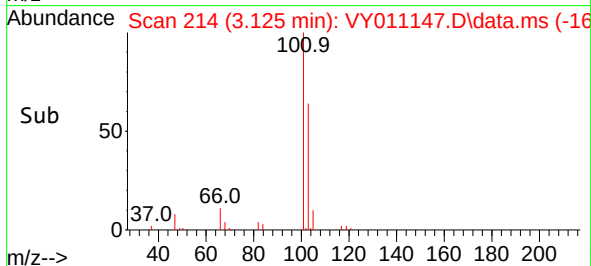
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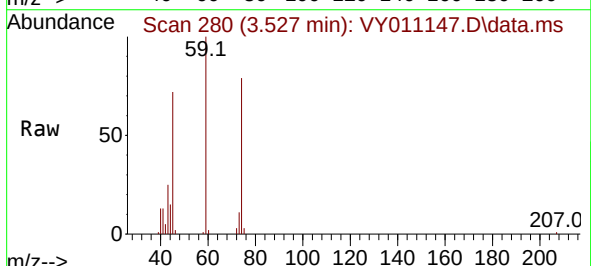
Tgt Ion: 101 Resp: 3639
 Ion Ratio Lower Upper
 101 100
 103 64.5 48.0 72.0

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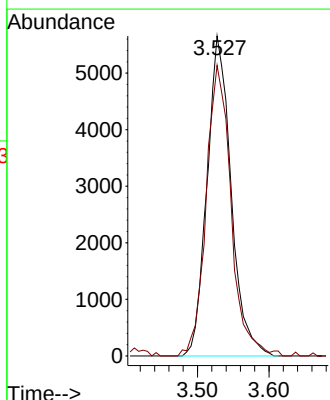
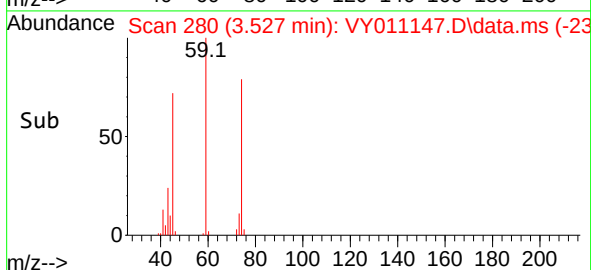
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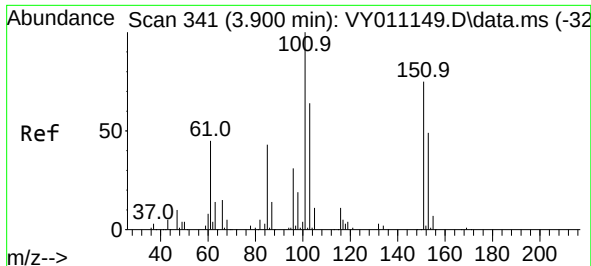


#8
 Diethyl Ether
 Concen: 10.525 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 13255
 Ion Ratio Lower Upper
 74 100
 45 93.9 55.1 165.5





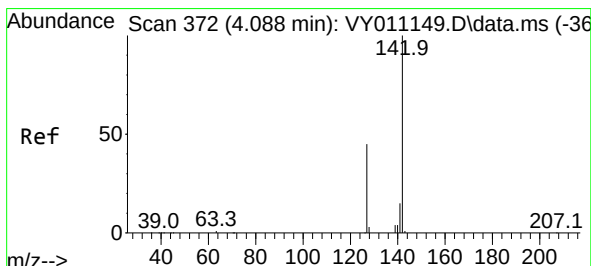
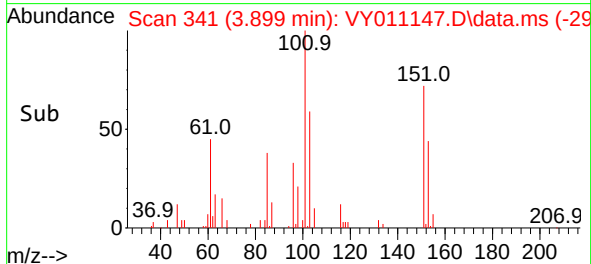
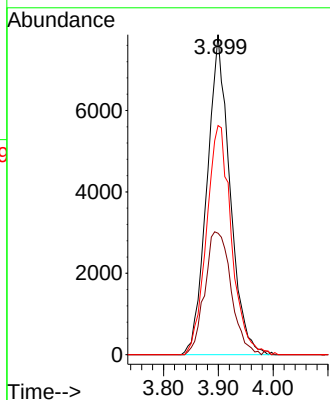
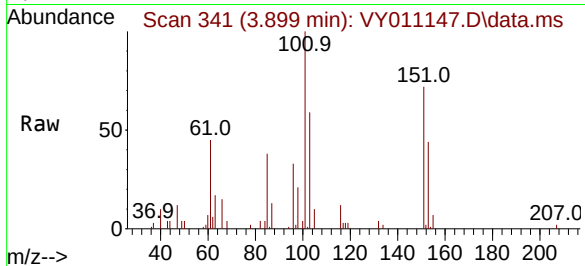
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.331 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 22808
Ion Ratio Lower Upper
101 100
85 44.1 40.6 60.8
151 78.0 64.9 97.3

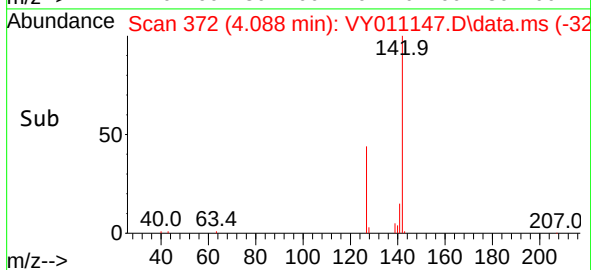
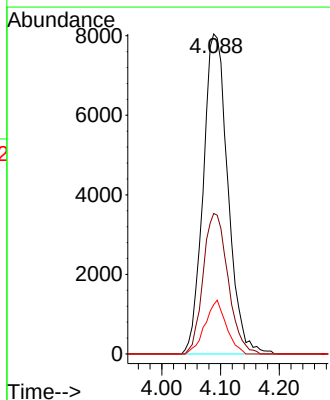
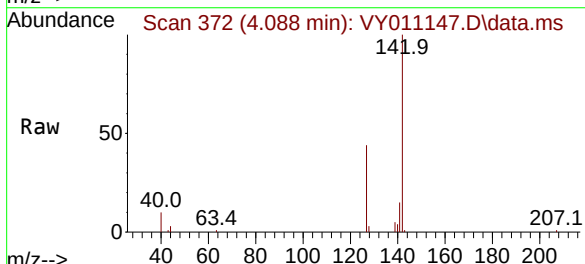
Manual Integrations
APPROVED

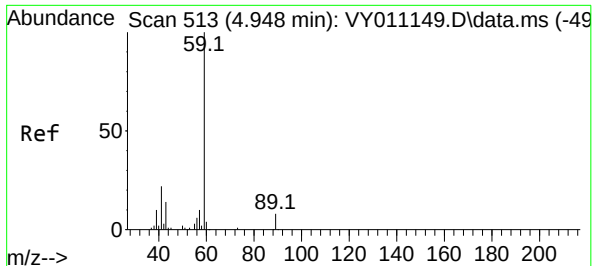
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#10
Methyl Iodide
Concen: 9.681 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

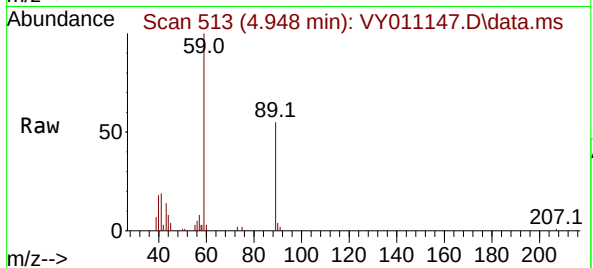
Tgt Ion:142 Resp: 23416
Ion Ratio Lower Upper
142 100
127 44.3 41.5 62.3
141 14.5 11.9 17.9





#11
Tert butyl alcohol
Concen: 61.233 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

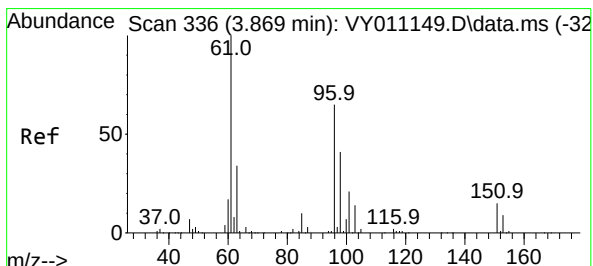
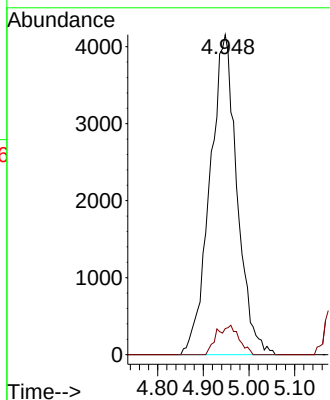
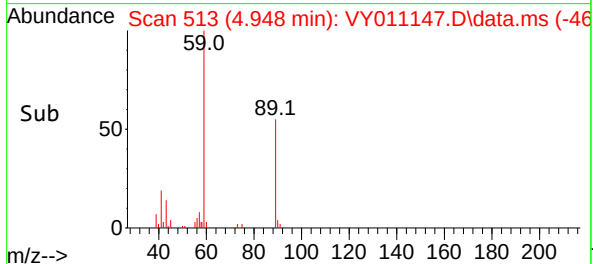
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 59 Resp: 1716
Ion Ratio Lower Upper
59 100
57 7.5 6.4 9.6

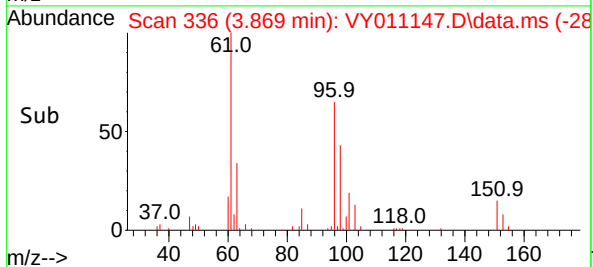
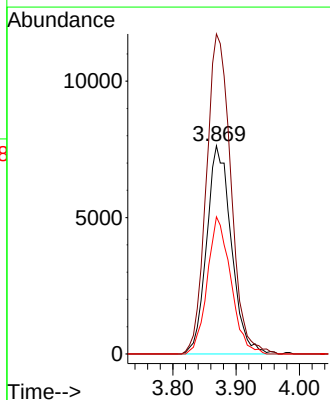
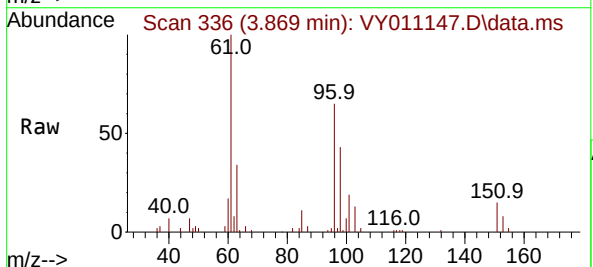
Manual Integrations
APPROVED

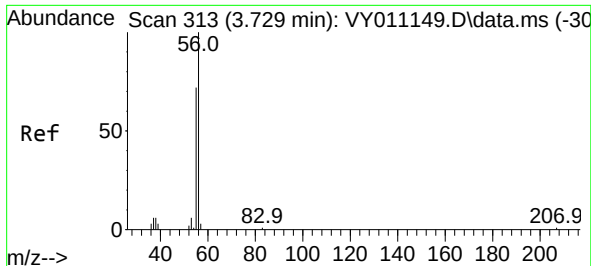
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#12
1,1-Dichloroethene
Concen: 10.396 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Tgt Ion: 96 Resp: 20656
Ion Ratio Lower Upper
96 100
61 153.7 145.8 218.6
98 65.8 52.5 78.7





#13

Acrolein

Concen: 60.039 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 10814

Ion Ratio Lower Upper

56 100

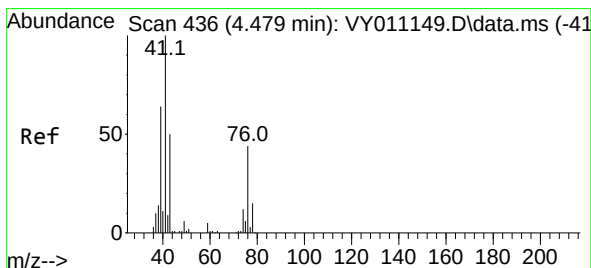
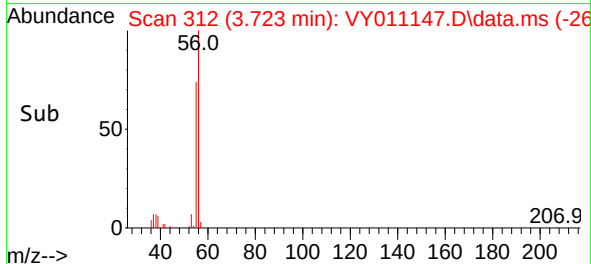
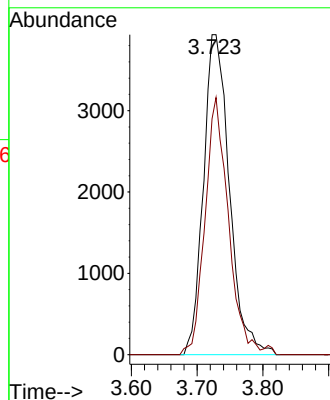
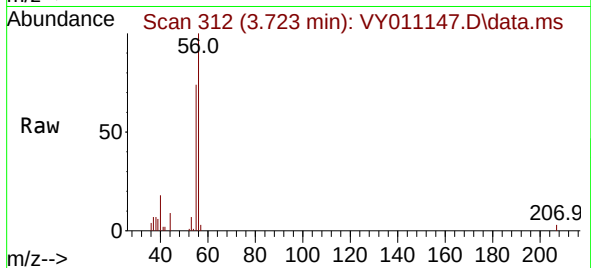
55 72.1 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#14

Allyl chloride

Concen: 10.428 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

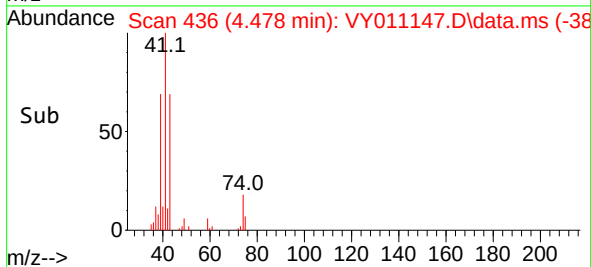
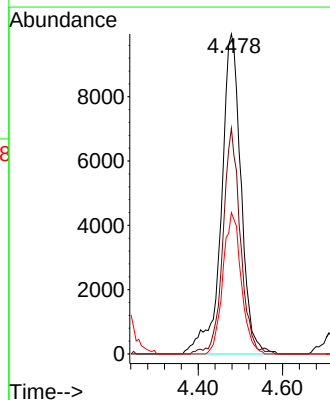
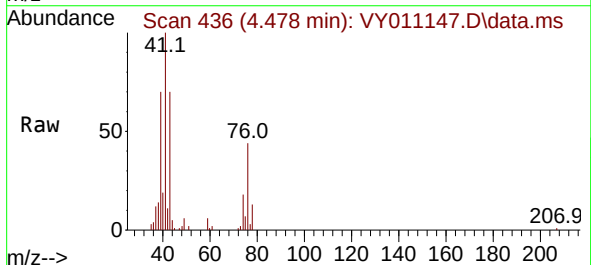
Tgt Ion: 41 Resp: 32172

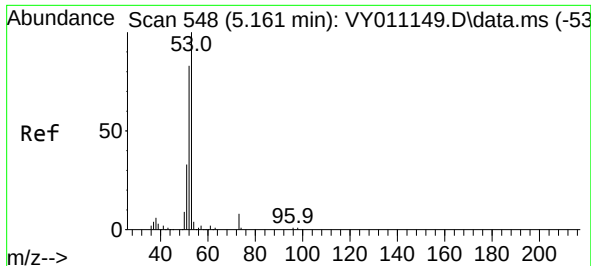
Ion Ratio Lower Upper

41 100

39 62.3 58.8 88.2

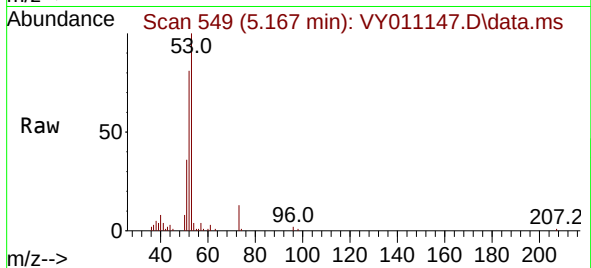
76 40.9 25.1 37.7#





#15
Acrylonitrile
Concen: 51.919 ug/l
RT: 5.167 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

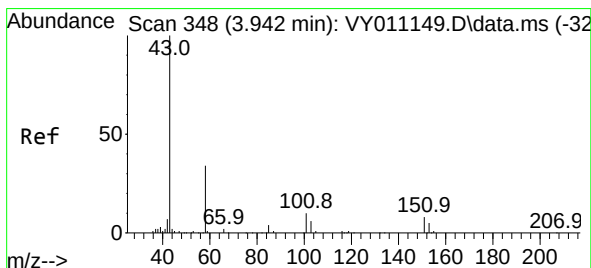
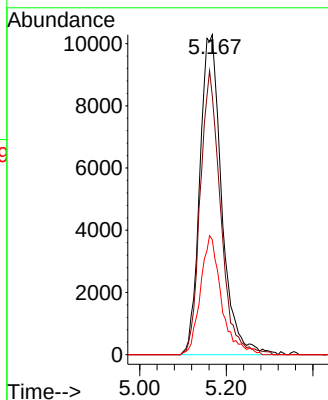
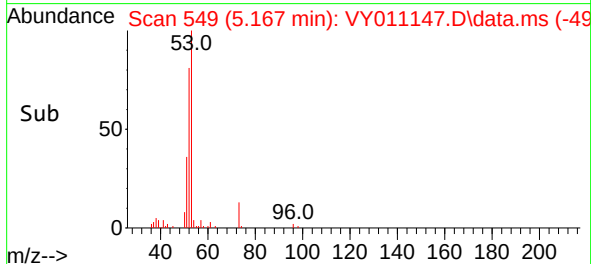
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 36079
Ion Ratio Lower Upper
53 100
52 82.2 67.0 100.4
51 35.7 29.8 44.6

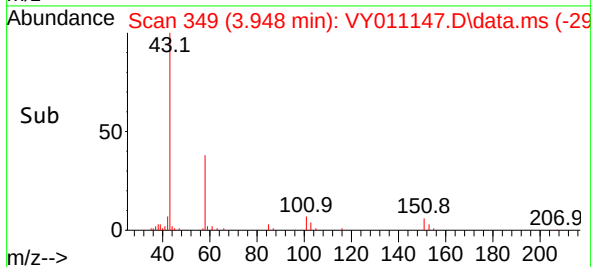
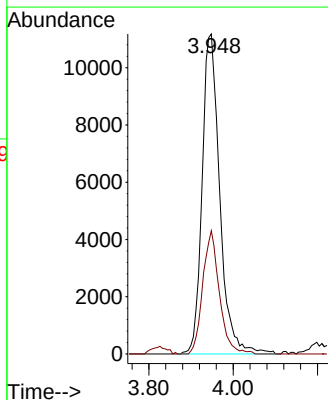
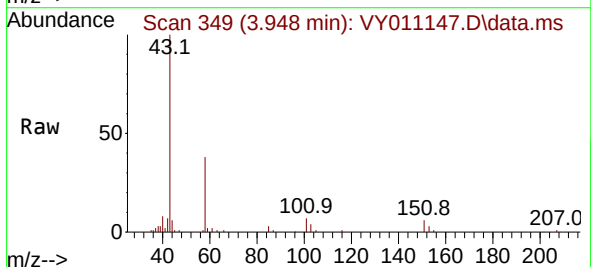
Manual Integrations
APPROVED

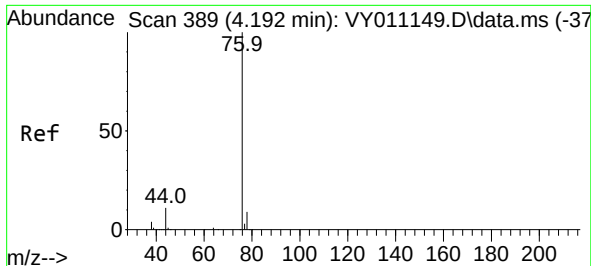
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#16
Acetone
Concen: 52.120 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

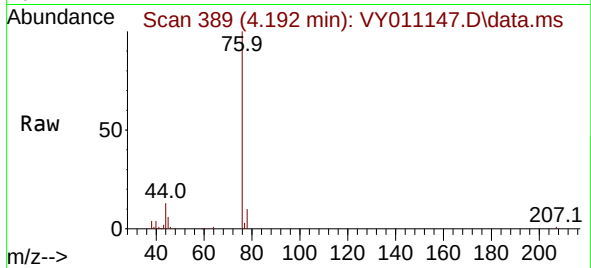
Tgt Ion: 43 Resp: 32613
Ion Ratio Lower Upper
43 100
58 38.5 22.0 33.0#





#17
Carbon Disulfide
Concen: 10.826 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

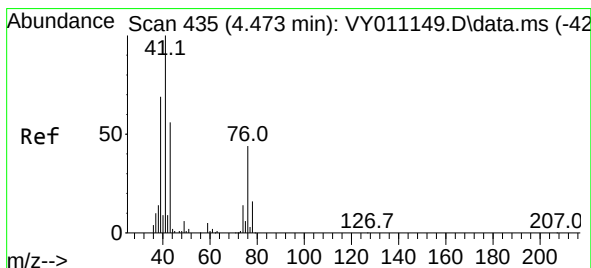
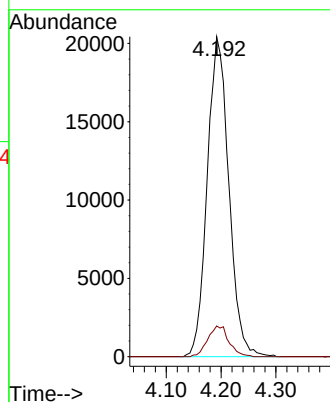
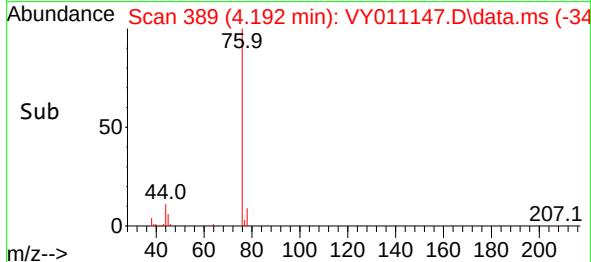
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



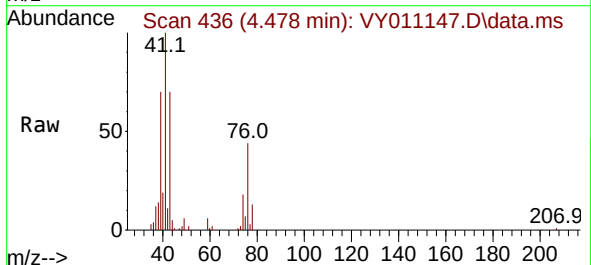
Tgt Ion: 76 Resp: 5583
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

Manual Integrations
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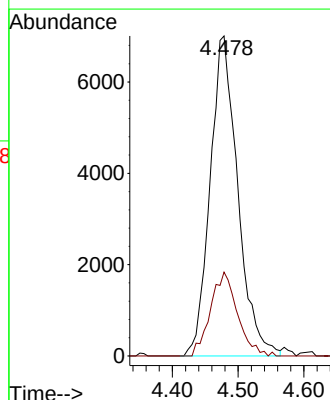
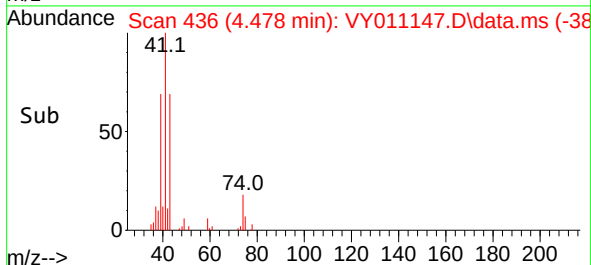
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

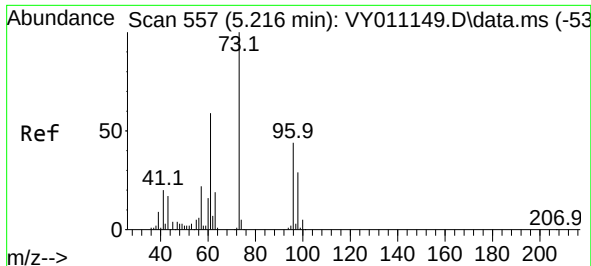


#18
Methyl Acetate
Concen: 10.365 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31



Tgt Ion: 43 Resp: 20494
Ion Ratio Lower Upper
43 100
74 25.6 16.6 24.8





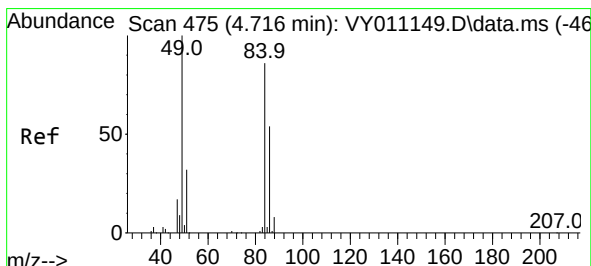
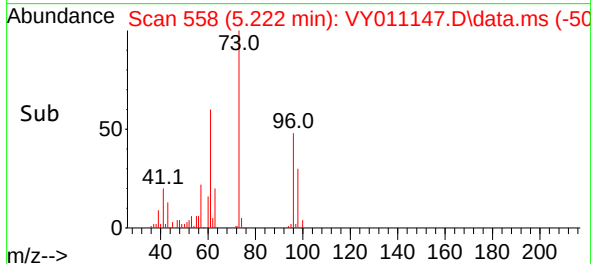
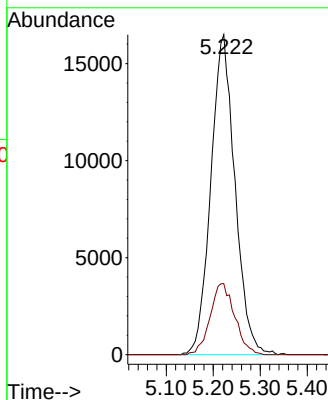
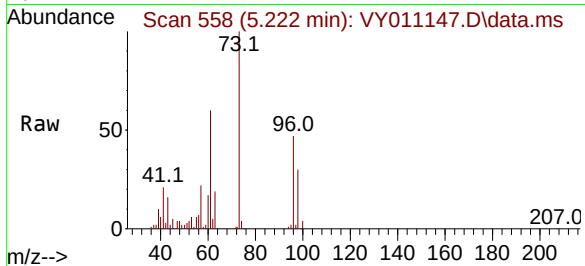
#19
Methyl tert-butyl Ether
Concen: 10.019 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 5875
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8

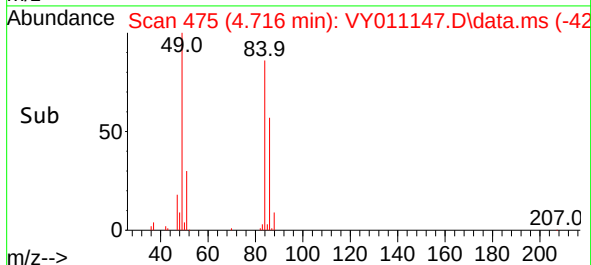
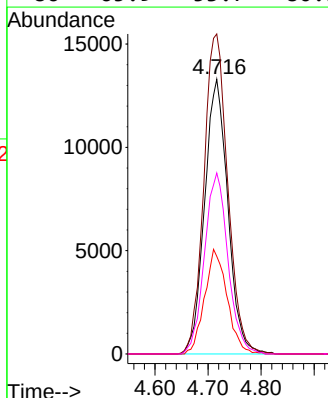
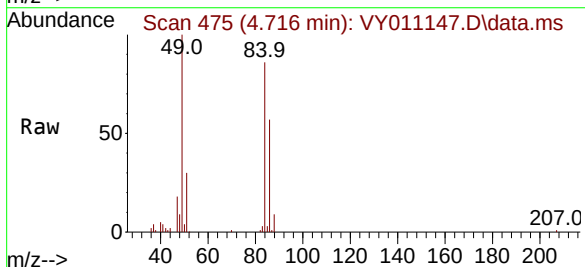
Manual Integrations
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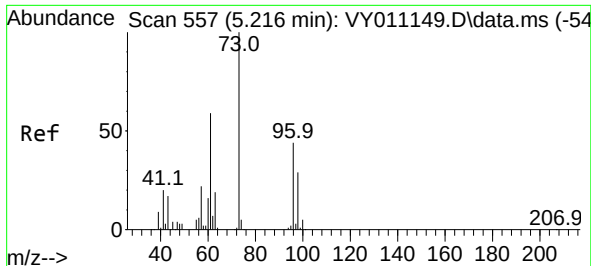
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#20
Methylene Chloride
Concen: 12.504 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

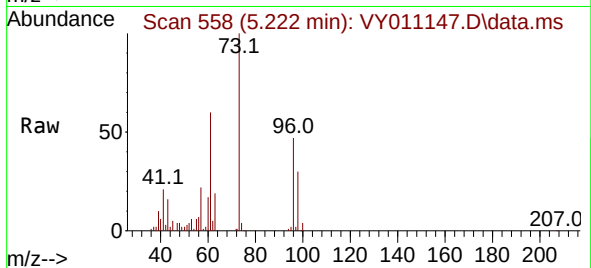
Tgt Ion: 84 Resp: 40579
Ion Ratio Lower Upper
84 100
49 116.5 114.4 171.6
51 35.5 35.3 52.9
86 65.9 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 10.587 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

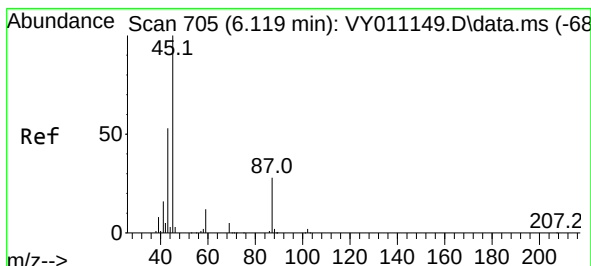
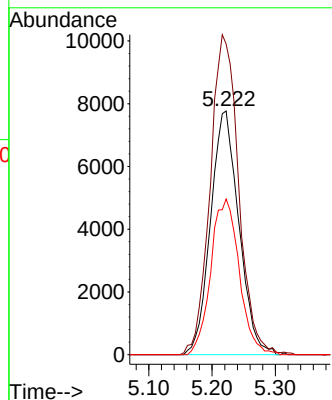
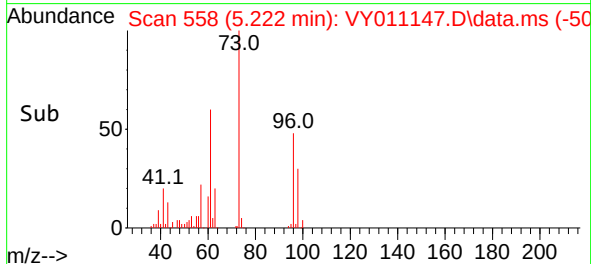
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



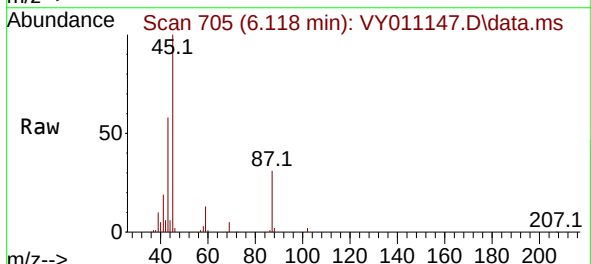
Tgt Ion: 96 Resp: 24118
Ion Ratio Lower Upper
96 100
61 127.5 120.5 180.7
98 63.9 49.8 74.8

Manual Integrations
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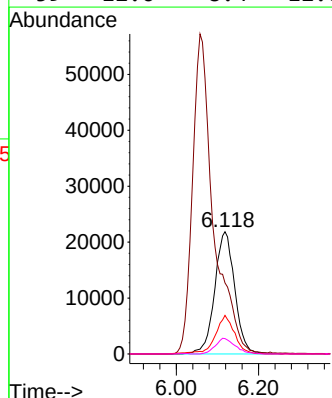
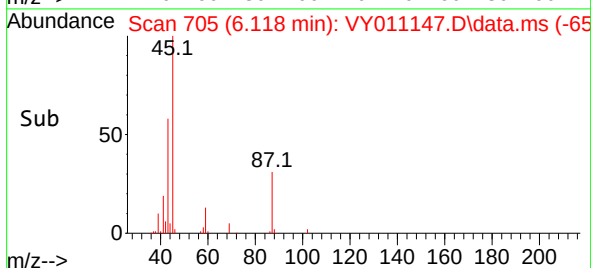
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

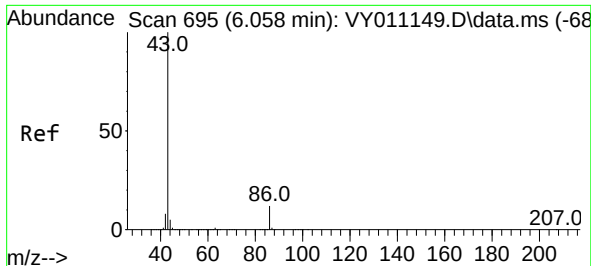


#22
Diisopropyl ether
Concen: 10.442 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31



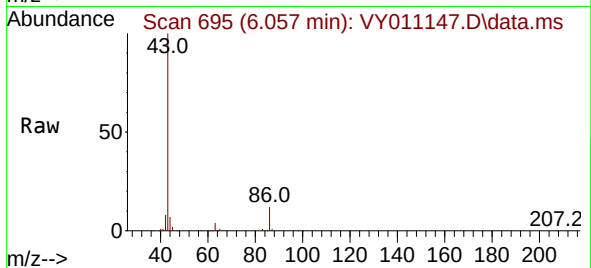
Tgt Ion: 45 Resp: 74064
Ion Ratio Lower Upper
45 100
43 57.2 49.3 73.9
87 31.5 19.2 28.8#
59 12.6 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 50.106 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY011147.D
 Acq: 28 Oct 2022 10:31

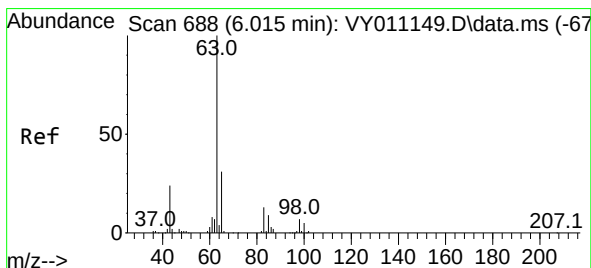
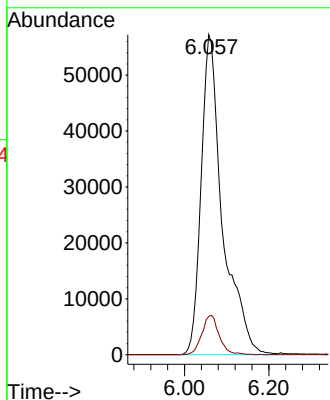
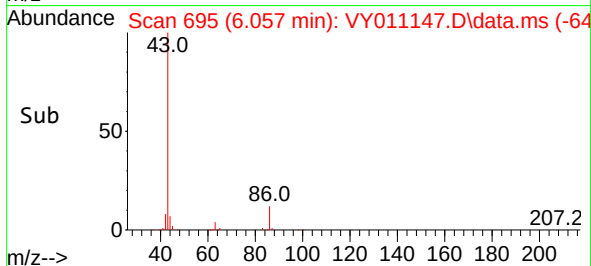
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



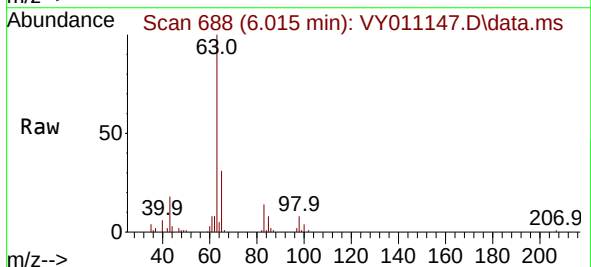
Tgt Ion: 43 Resp: 202045
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7

Manual Integrations
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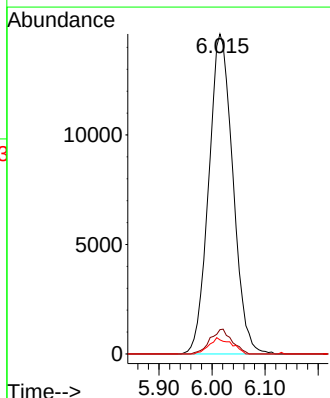
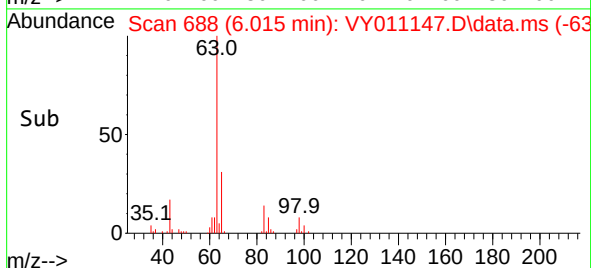
Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

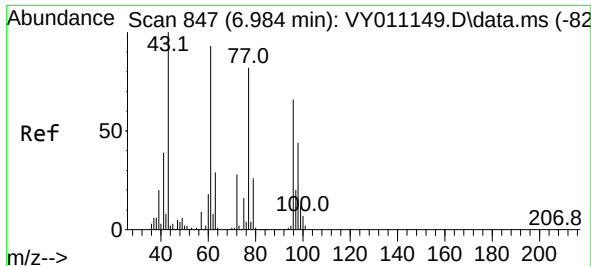


#24
 1,1-Dichloroethane
 Concen: 10.561 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY011147.D
 Acq: 28 Oct 2022 10:31



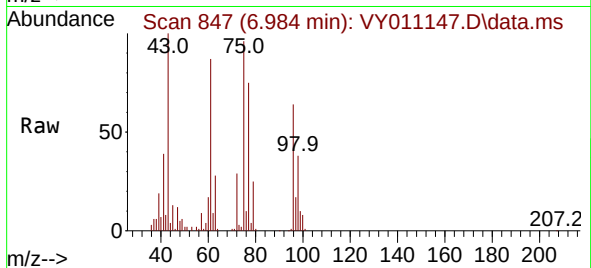
Tgt Ion: 63 Resp: 46281
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.4 2.0 5.8





#25
2-Butanone
Concen: 52.921 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

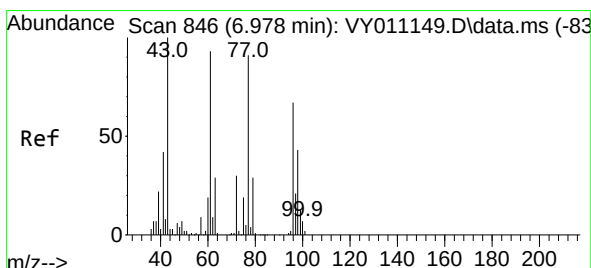
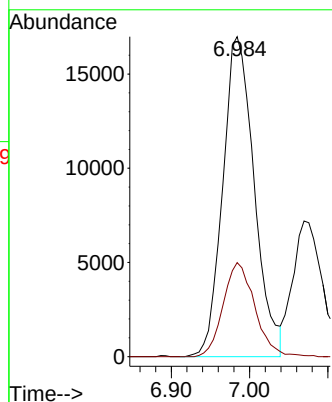
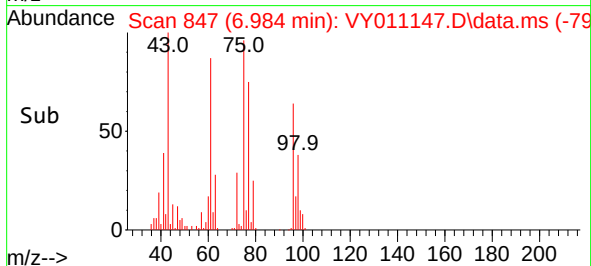
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



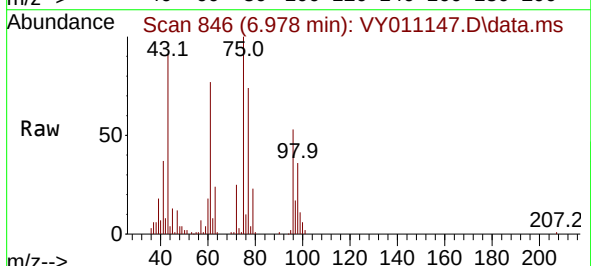
Tgt Ion: 43 Resp: 47468
Ion Ratio Lower Upper
43 100
72 29.4 17.7 26.5

Manual Integrations
APPROVED

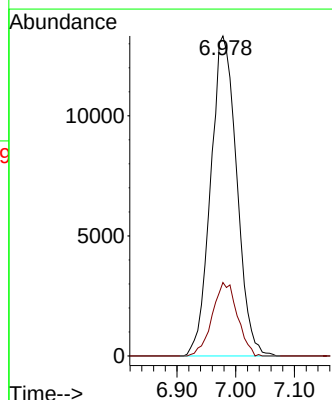
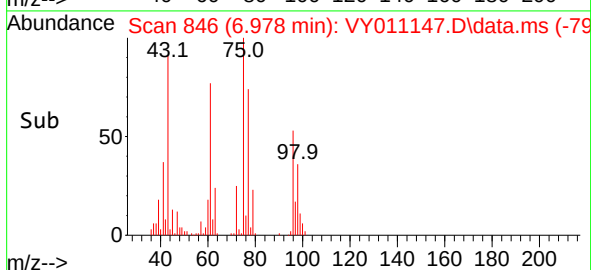
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

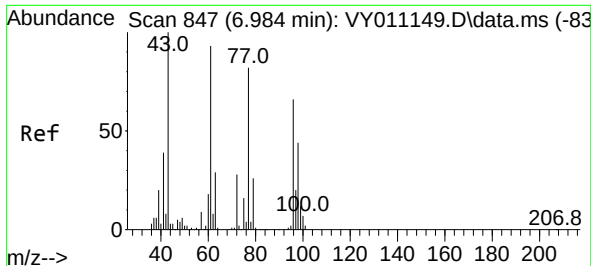


#26
2,2-Dichloropropane
Concen: 10.488 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31



Tgt Ion: 77 Resp: 41075
Ion Ratio Lower Upper
77 100
97 22.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 10.365 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

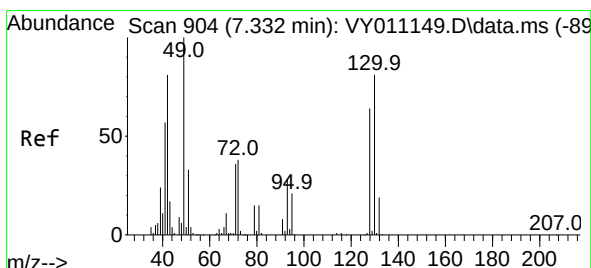
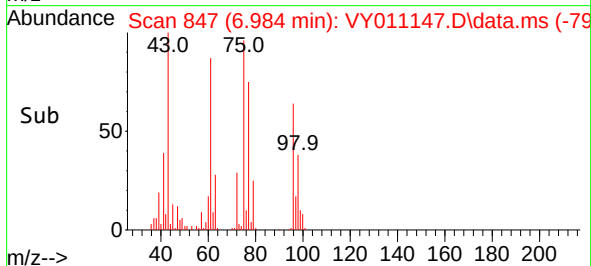
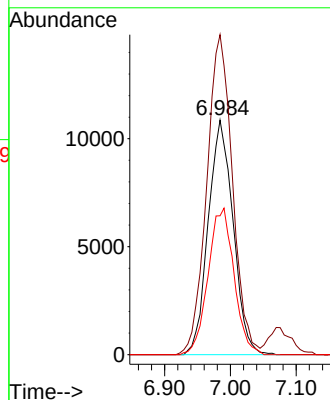
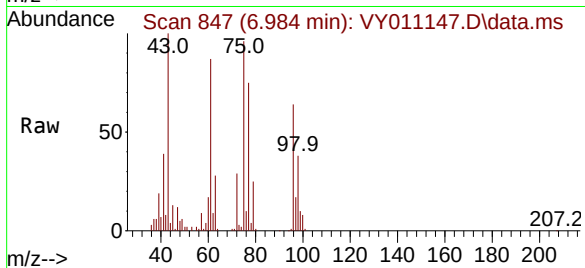
Tgt Ion:	96	Resp:	28600
Ion Ratio	Lower	Upper	
96	100		
61	141.0	0.0	319.8
98	65.1	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#28

Bromochloromethane

Concen: 10.150 ug/l

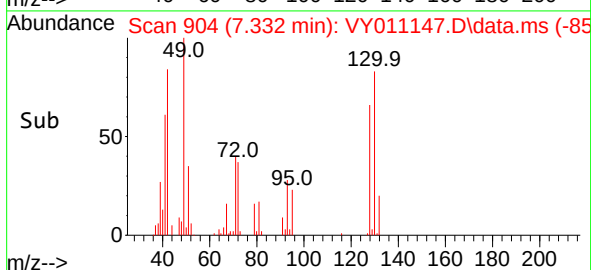
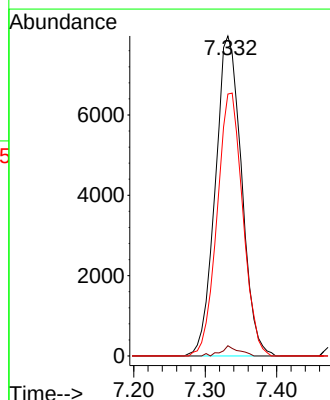
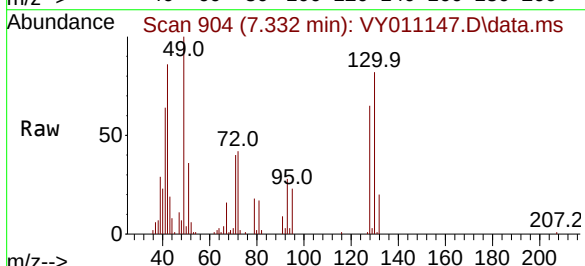
RT: 7.332 min Scan# 904

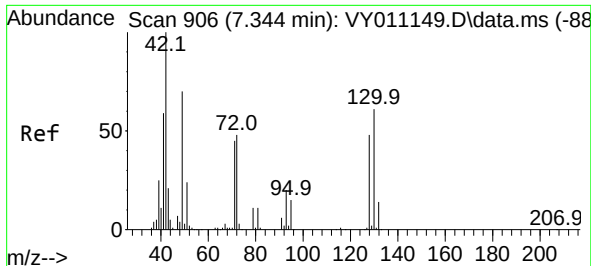
Delta R.T. -0.000 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

Tgt Ion:	49	Resp:	20310
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	2.2
130	80.3	55.4	83.0





#29

Tetrahydrofuran

Concen: 51.037 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011147.D

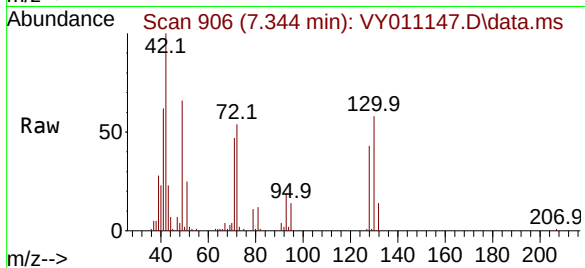
Acq: 28 Oct 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010



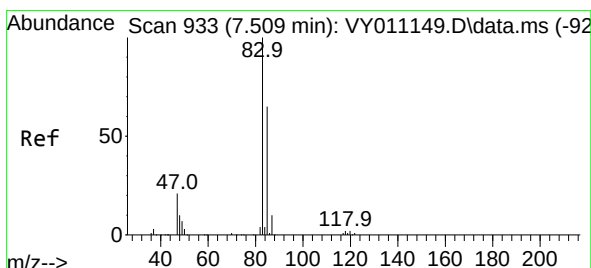
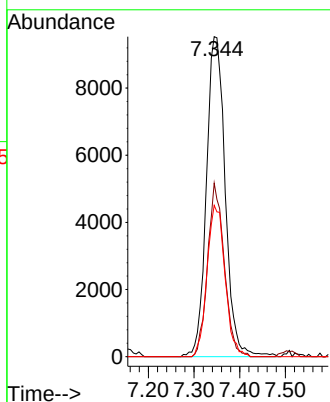
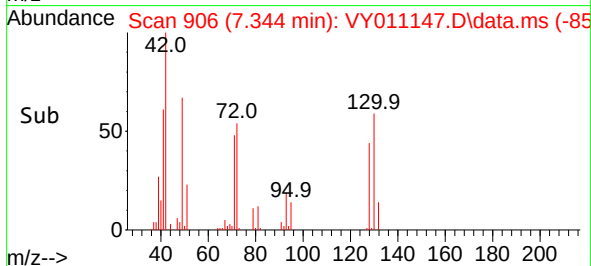
Tgt Ion:	42	Resp:	2727
Ion Ratio	Lower	Upper	
42	100		
72	47.8	30.3	45.5
71	45.0	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#30

Chloroform

Concen: 10.712 ug/l

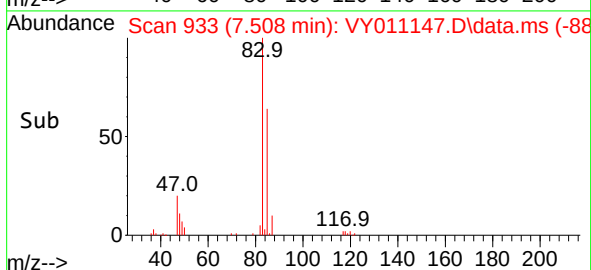
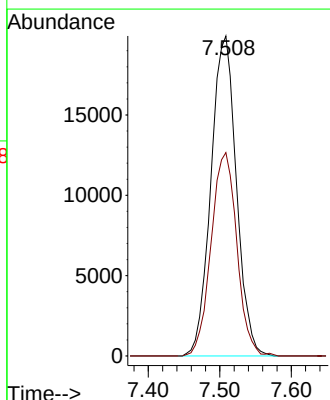
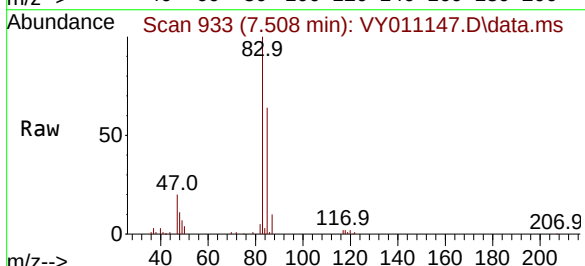
RT: 7.508 min Scan# 933

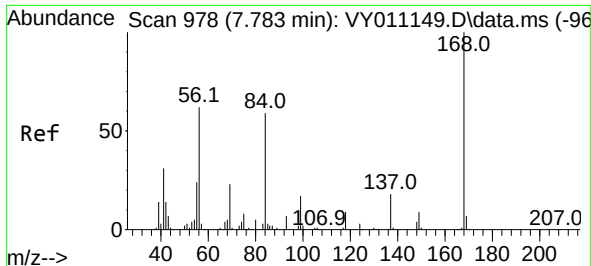
Delta R.T. -0.000 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

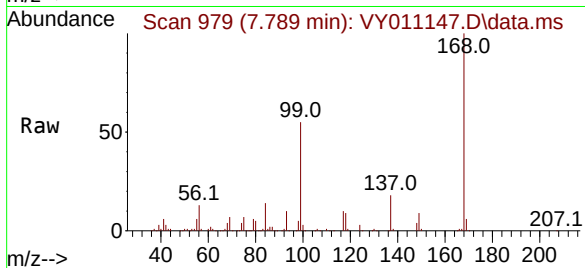
Tgt Ion:	83	Resp:	49280
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.8	77.6





#31
Cyclohexane
Concen: 10.526 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

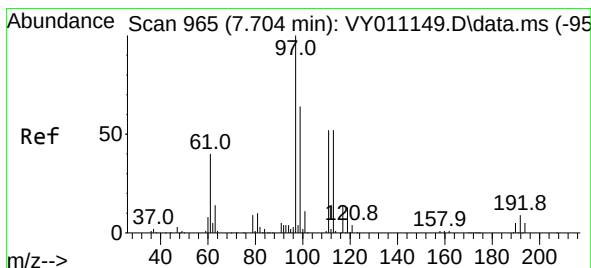
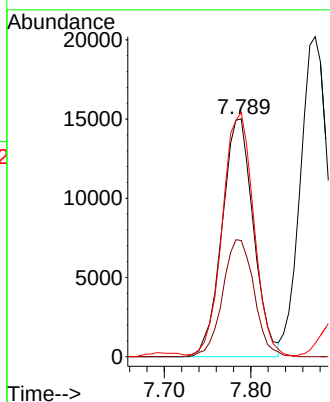
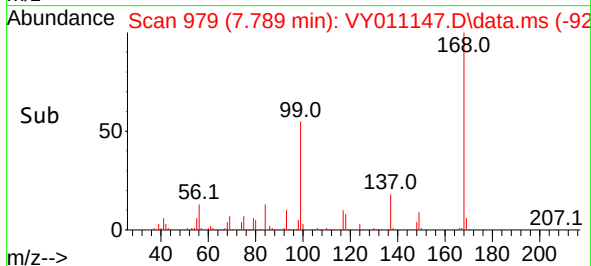
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



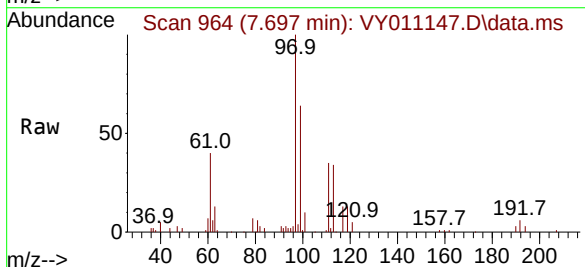
Tgt Ion: 56 Resp: 3789
Ion Ratio Lower Upper
56 100
69 48.8 26.7 40.1
84 101.2 67.2 100.8

Manual Integrations
APPROVED

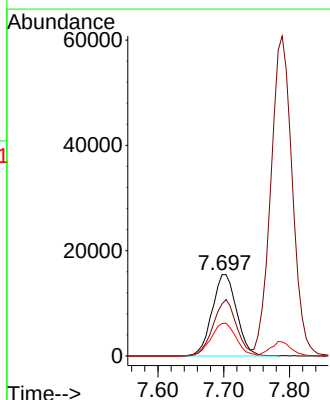
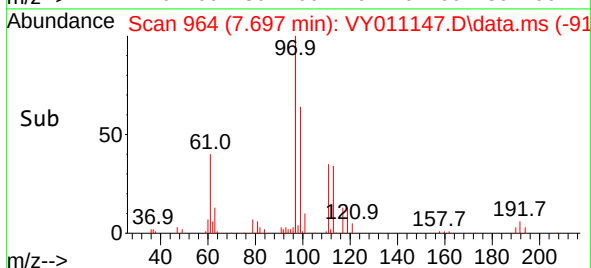
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

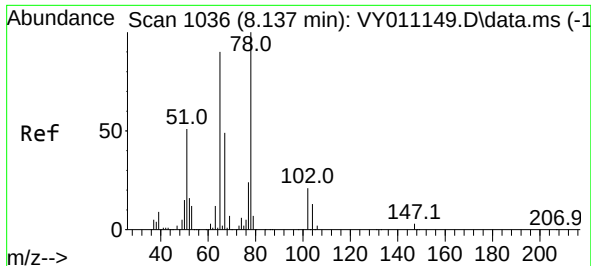


#32
1,1,1-Trichloroethane
Concen: 10.280 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31



Tgt Ion: 97 Resp: 40238
Ion Ratio Lower Upper
97 100
99 65.2 50.7 76.1
61 41.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 10.739 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 2746

Ion Ratio Lower Upper

65 100

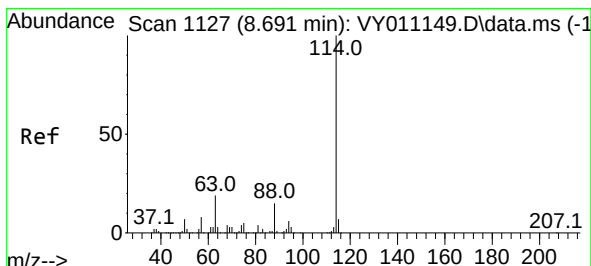
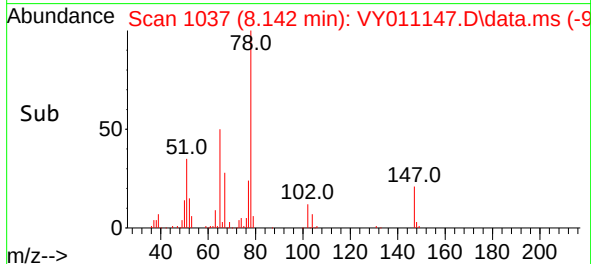
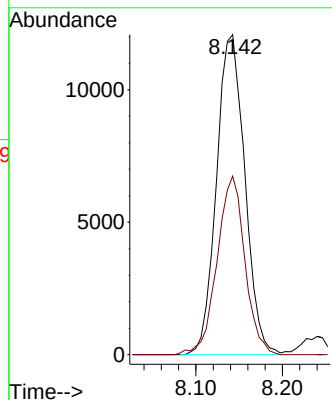
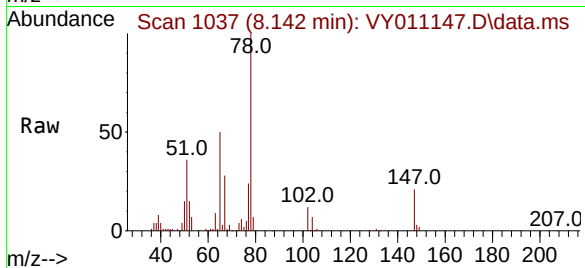
67 54.7 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

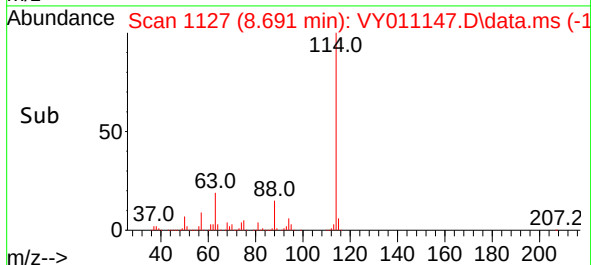
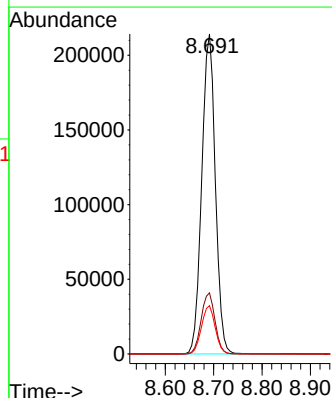
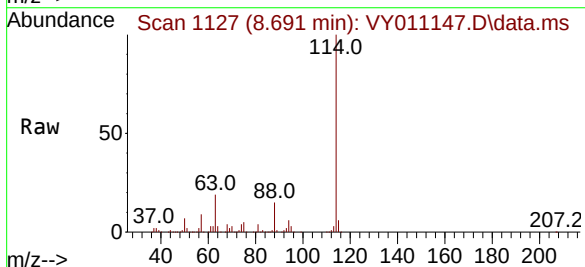
Tgt Ion:114 Resp: 417799

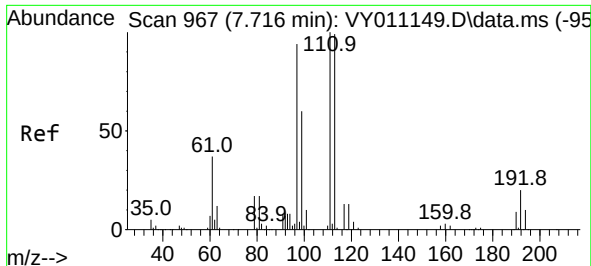
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.1 0.0 31.8





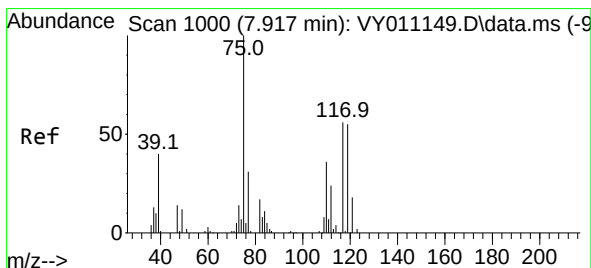
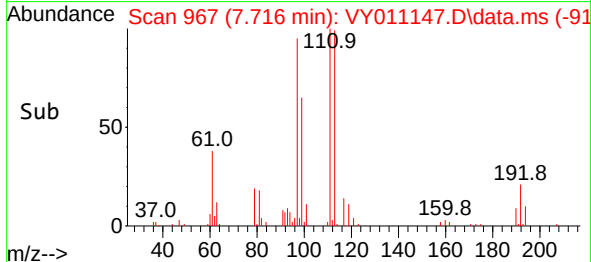
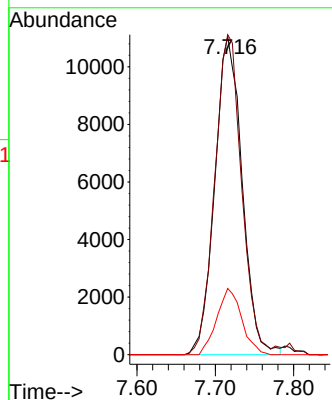
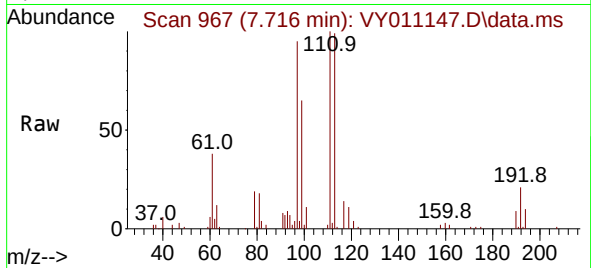
#35
Dibromofluoromethane
Concen: 10.418 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:113 Resp: 2676
Ion Ratio Lower Upper
113 100
111 98.9 82.6 124.0
192 19.0 17.6 26.4

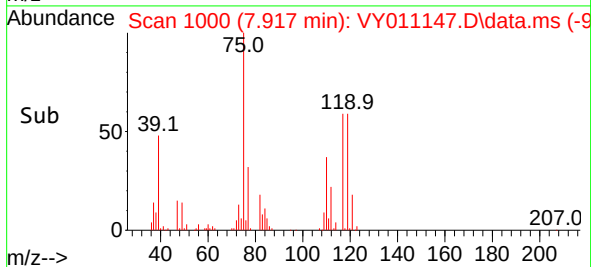
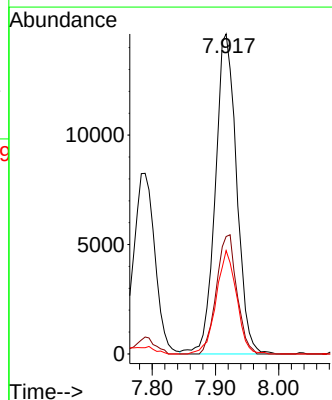
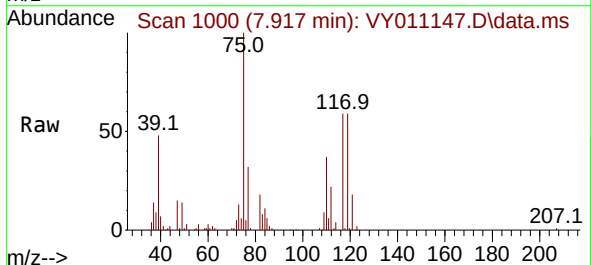
Manual Integrations
APPROVED

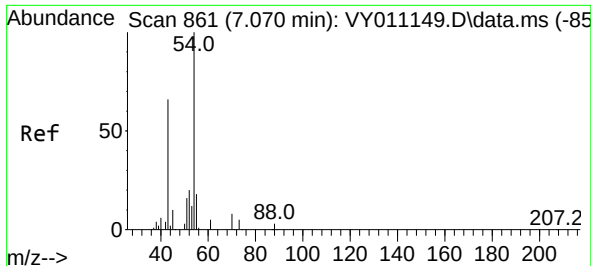
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#36
1,1-Dichloropropene
Concen: 10.200 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

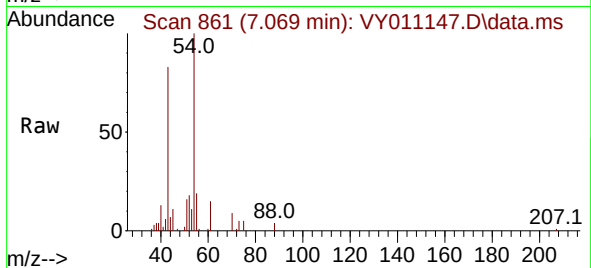
Tgt Ion: 75 Resp: 34165
Ion Ratio Lower Upper
75 100
110 35.7 17.1 51.2
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 10.458 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

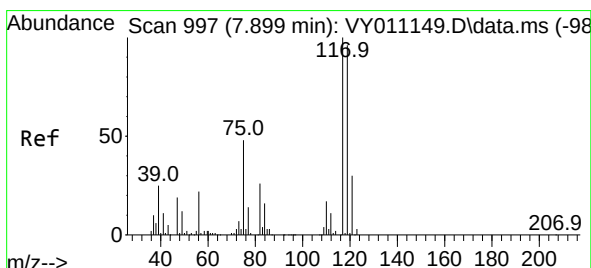
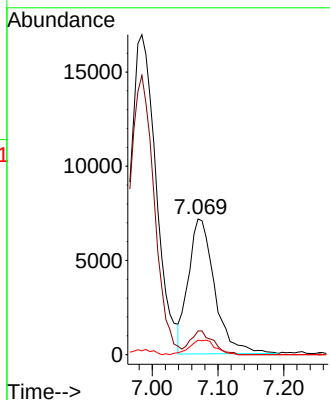
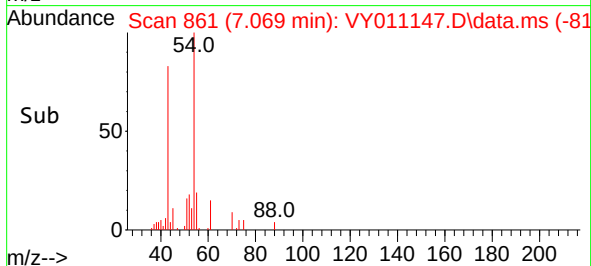
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 19819
Ion Ratio Lower Upper
43 100
61 15.2 9.7 14.5
70 10.7 7.1 10.7

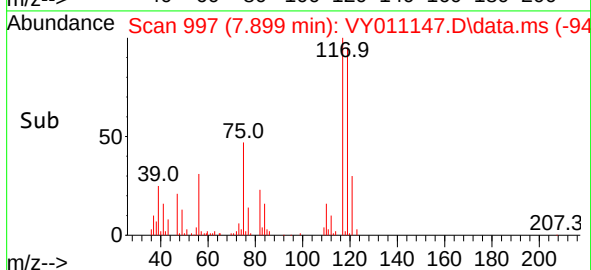
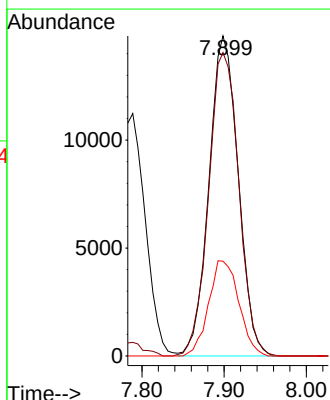
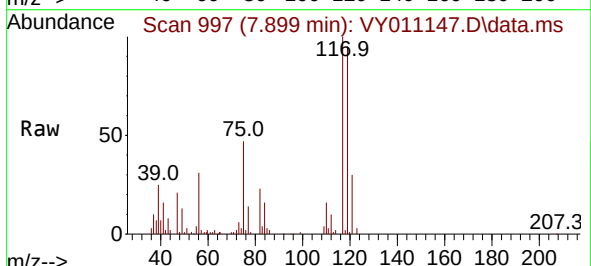
Manual Integrations
APPROVED

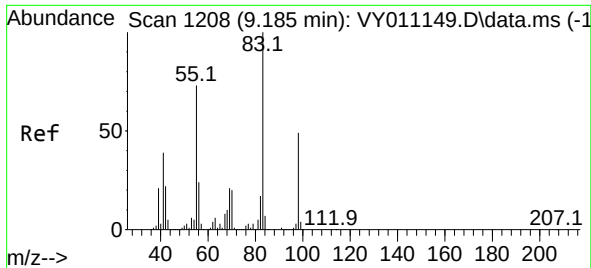
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#38
Carbon Tetrachloride
Concen: 10.059 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

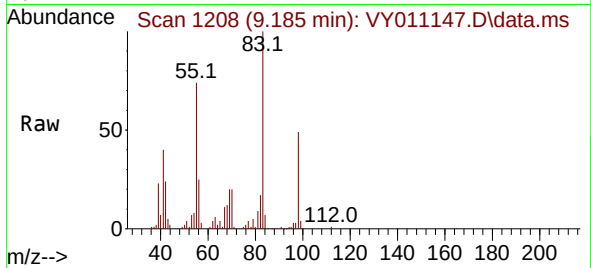
Tgt Ion:117 Resp: 36698
Ion Ratio Lower Upper
117 100
119 94.8 77.9 116.9
121 29.6 24.8 37.2





#39
Methylcyclohexane
Concen: 9.423 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

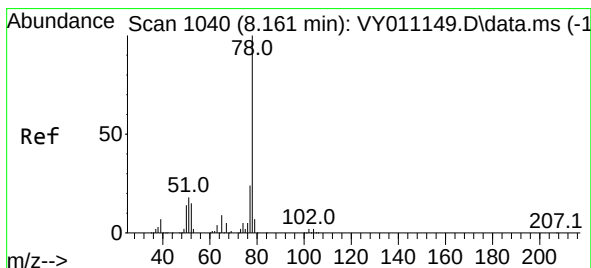
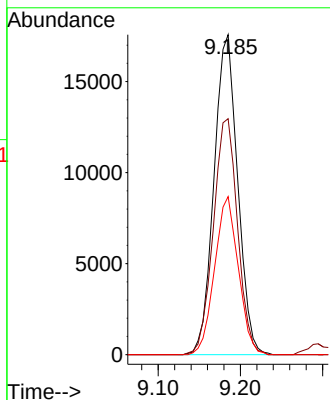
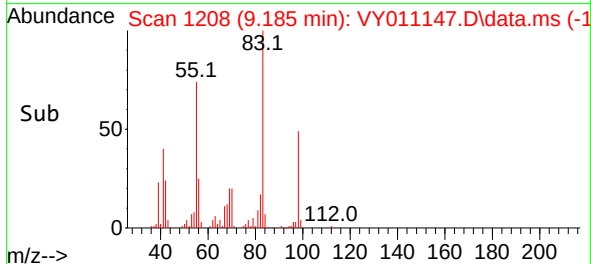
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



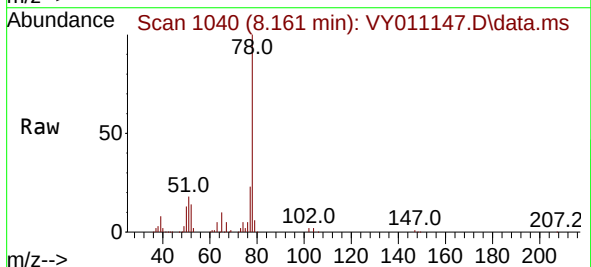
Tgt Ion: 83 Resp: 35210
Ion Ratio Lower Upper
83 100
55 73.7 66.5 99.7
98 49.4 37.9 56.9

Manual Integrations
APPROVED

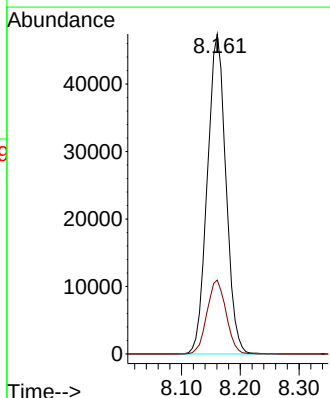
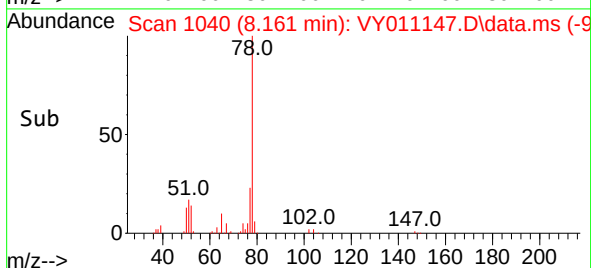
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

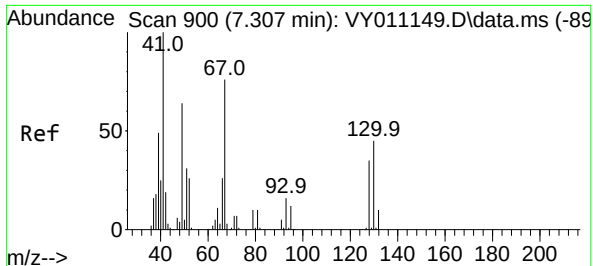


#40
Benzene
Concen: 10.378 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31



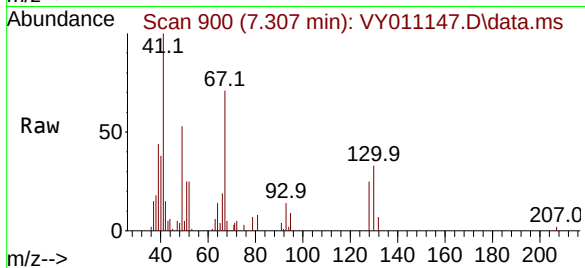
Tgt Ion: 78 Resp: 104075
Ion Ratio Lower Upper
78 100
77 23.1 20.4 30.6





#41
Methacrylonitrile
Concen: 8.919 ug/l
RT: 7.307 min Scan# 900
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

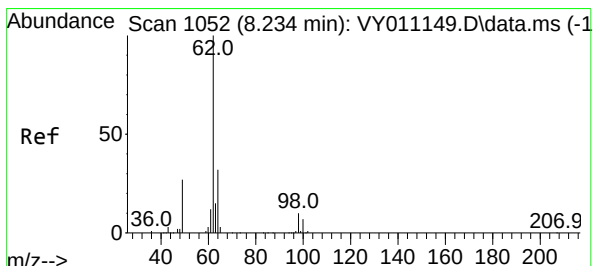
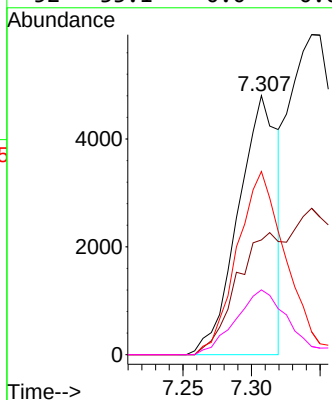
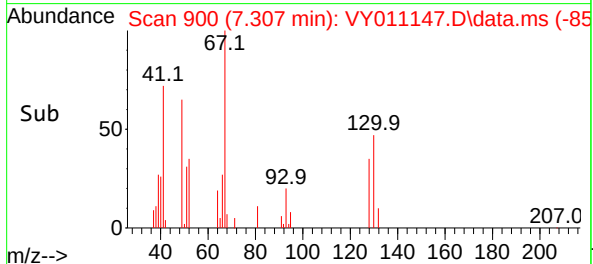
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 41 Resp: 962
Ion Ratio Lower Upper
41 100
39 58.6 92.9 139.3
67 89.1 0.0 0.0
52 33.1 0.0 0.0

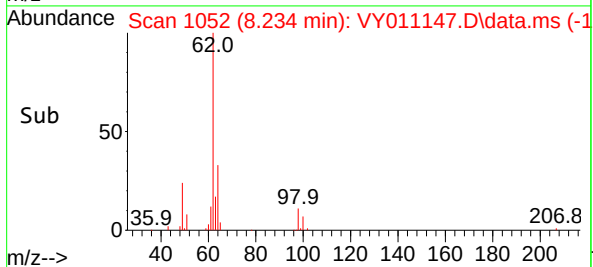
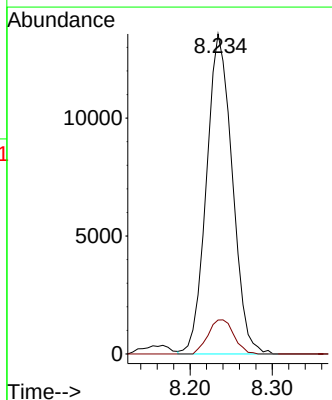
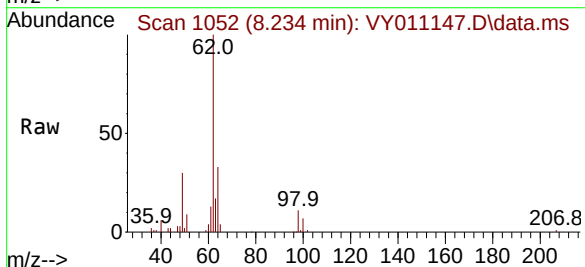
Manual Integrations
APPROVED

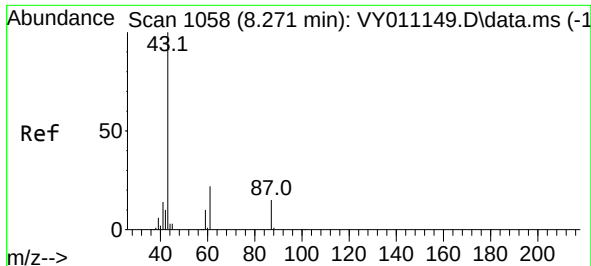
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#42
1,2-Dichloroethane
Concen: 10.389 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

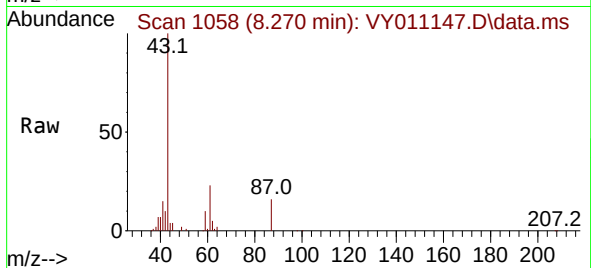
Tgt Ion: 62 Resp: 29643
Ion Ratio Lower Upper
62 100
98 10.6 0.0 14.8





#43
Isopropyl Acetate
Concen: 9.991 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

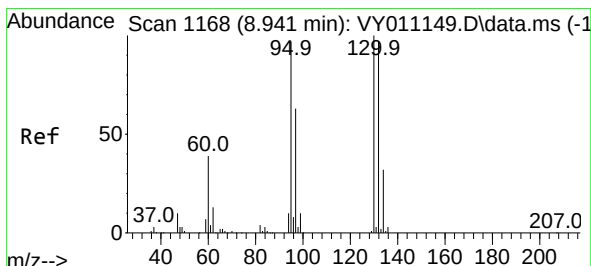
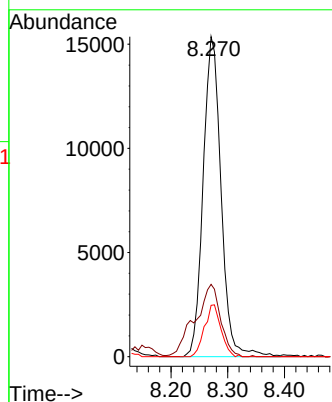
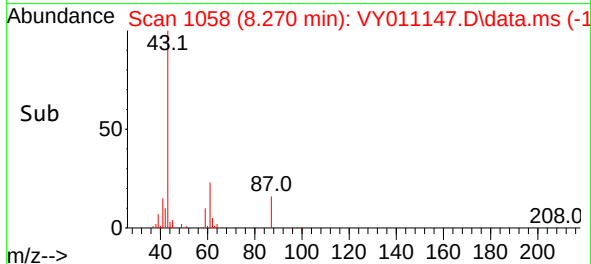
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 33762
Ion Ratio Lower Upper
43 100
61 32.1 20.2 30.2
87 14.9 8.9 13.3

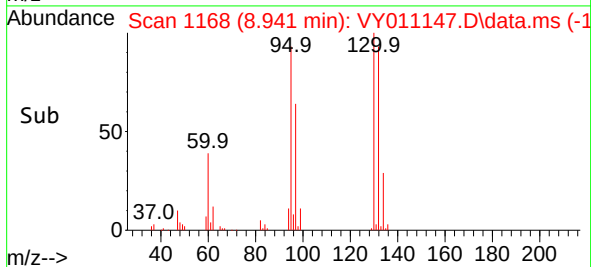
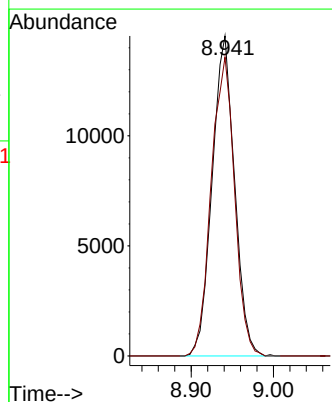
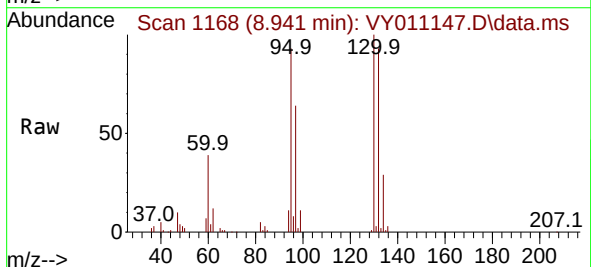
Manual Integrations
APPROVED

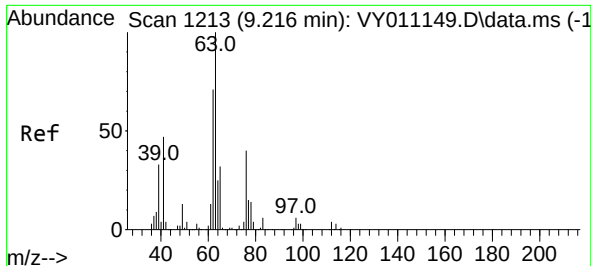
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#44
Trichloroethene
Concen: 10.234 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Tgt Ion:130 Resp: 27584
Ion Ratio Lower Upper
130 100
95 93.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 10.207 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 2694

Ion Ratio Lower Upper

63 100

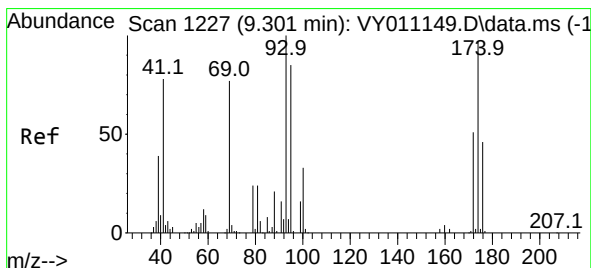
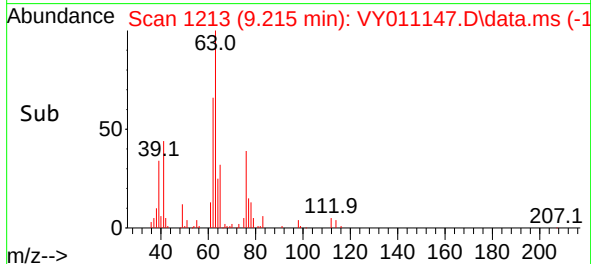
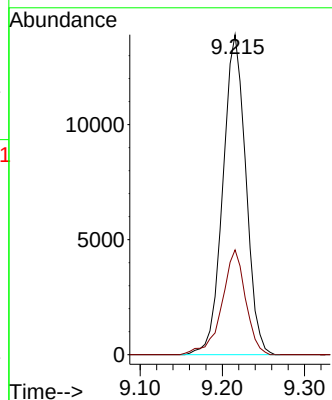
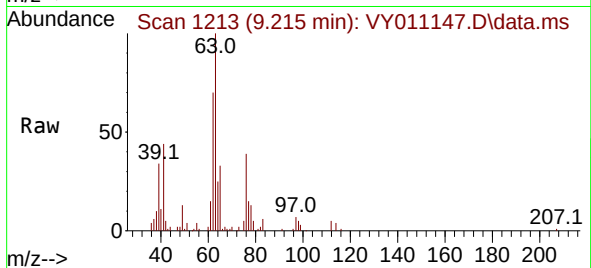
65 32.7 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#46

Dibromomethane

Concen: 10.304 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

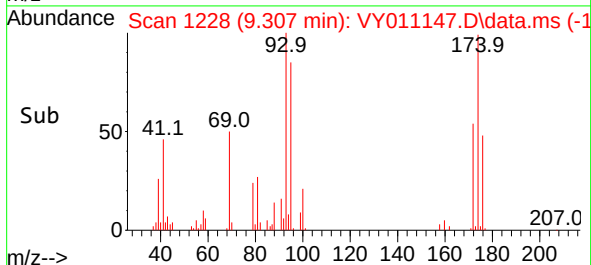
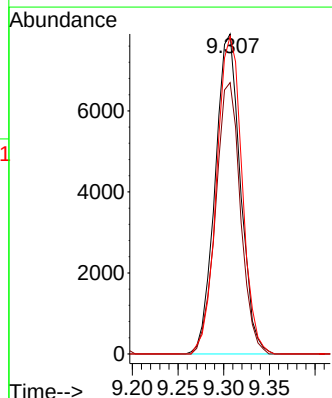
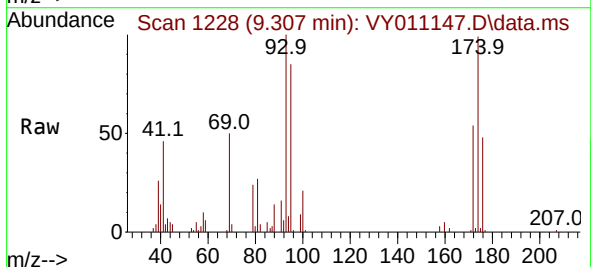
Tgt Ion: 93 Resp: 15204

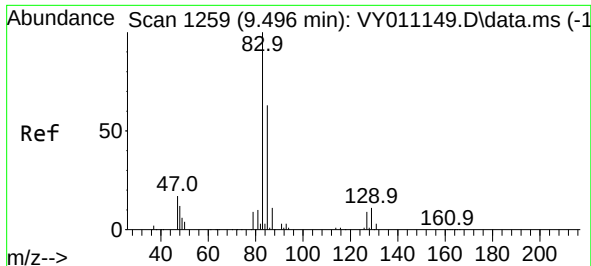
Ion Ratio Lower Upper

93 100

95 83.2 64.3 96.5

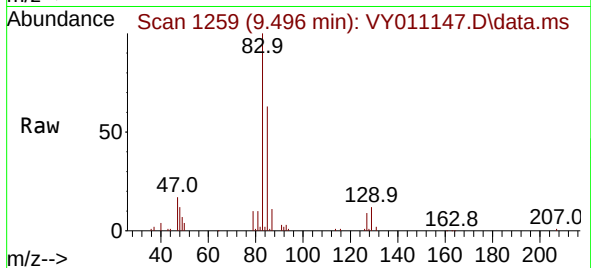
174 99.7 83.4 125.0





#47
Bromodichloromethane
Concen: 10.152 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

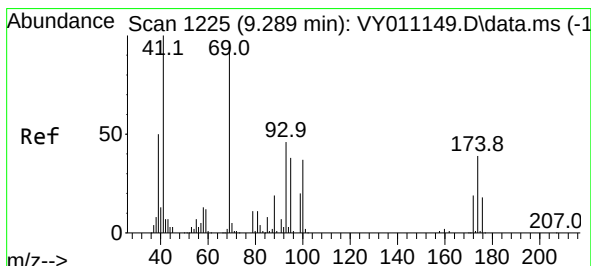
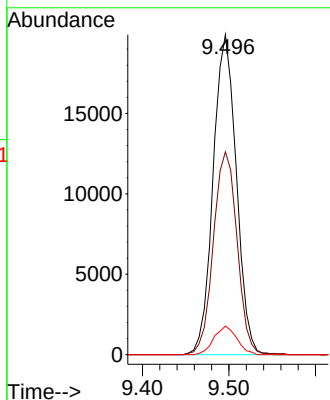
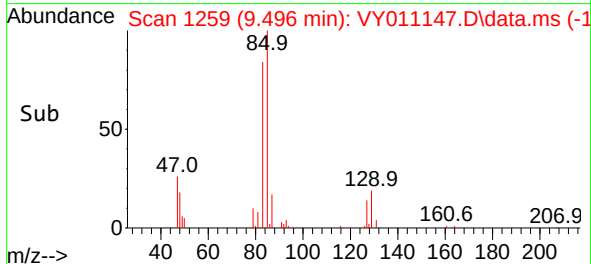
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 37018
Ion Ratio Lower Upper
83 100
85 63.4 51.9 77.9
127 8.9 6.6 10.0

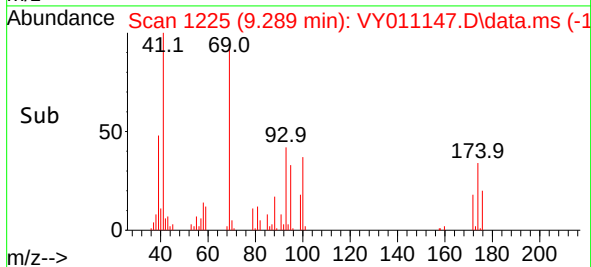
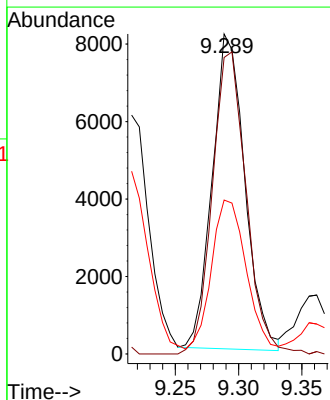
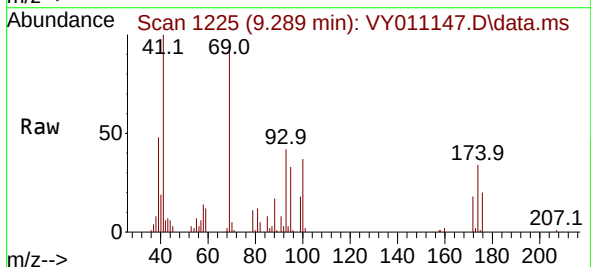
Manual Integrations
APPROVED

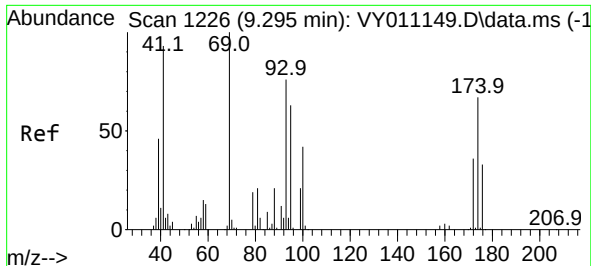
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#48
Methyl methacrylate
Concen: 9.642 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

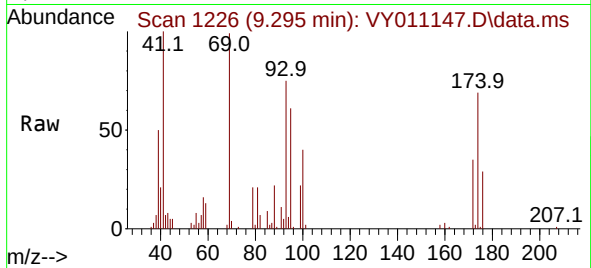
Tgt Ion: 41 Resp: 14523
Ion Ratio Lower Upper
41 100
69 99.3 58.2 87.2#
39 53.5 47.4 71.0





#49
1,4-Dioxane
Concen: 198.169 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

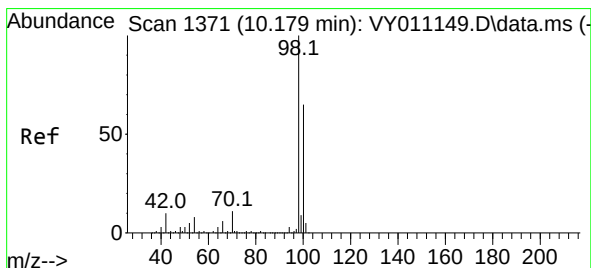
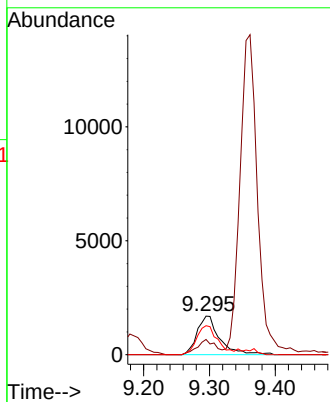
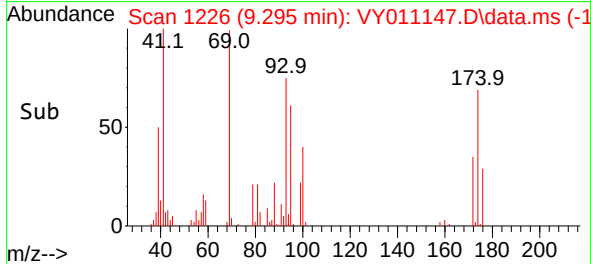
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 88 Resp: 4030
Ion Ratio Lower Upper
88 100
43 31.5 32.8 49.2
58 69.8 59.8 89.6

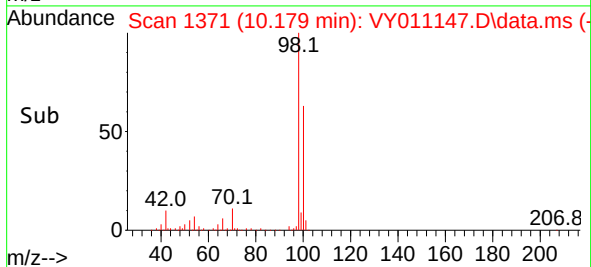
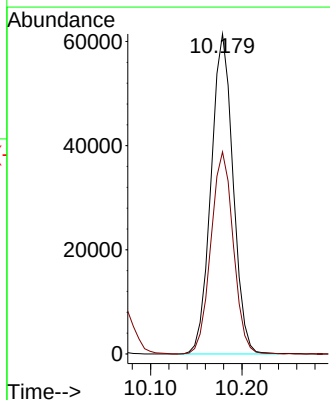
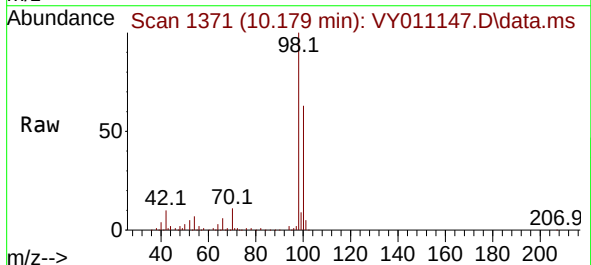
Manual Integrations
APPROVED

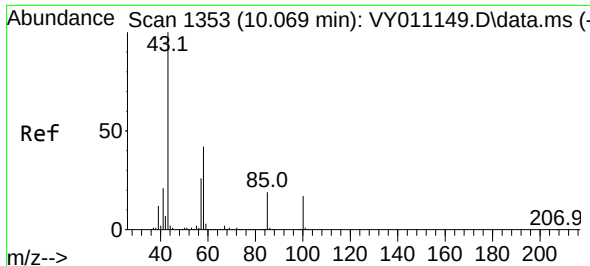
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#50
Toluene-d8
Concen: 10.084 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

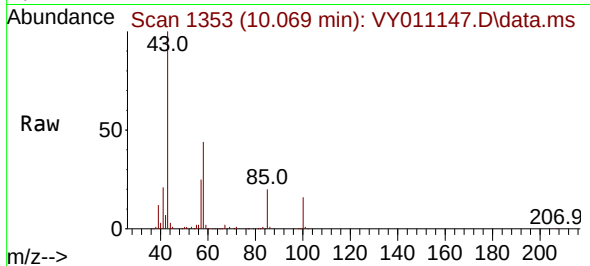
Tgt Ion: 98 Resp: 102642
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 49.728 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

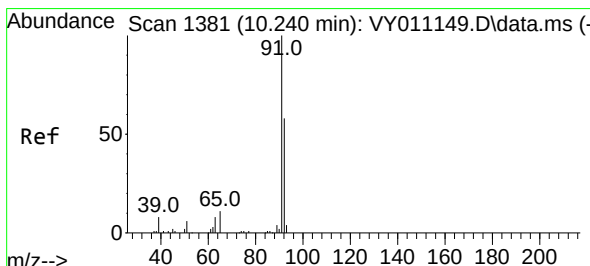
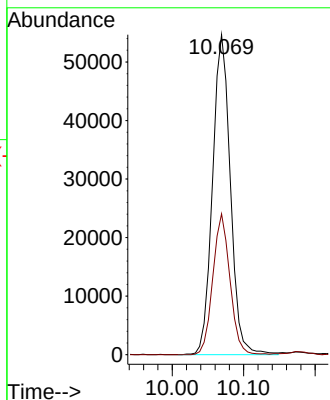
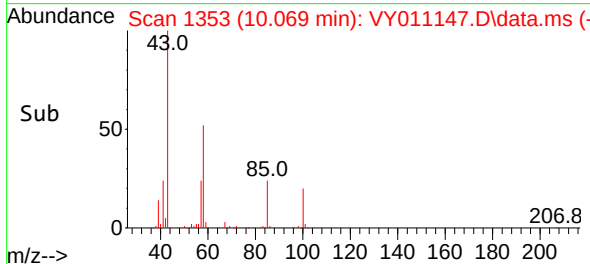
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 9474
Ion Ratio Lower Upper
43 100
58 42.2 28.1 42.1

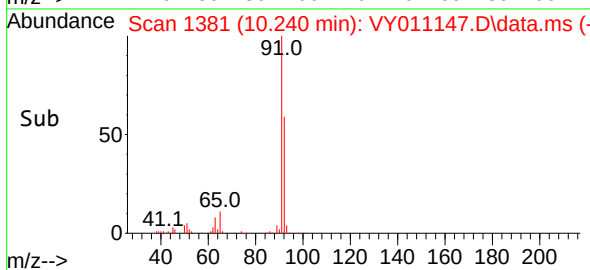
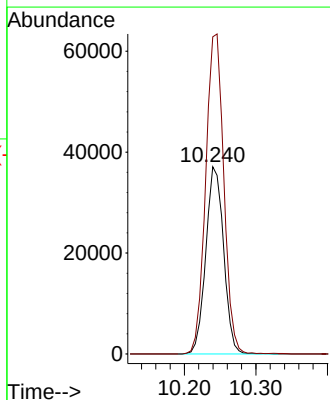
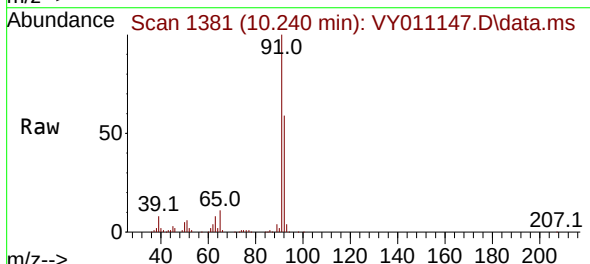
Manual Integrations
APPROVED

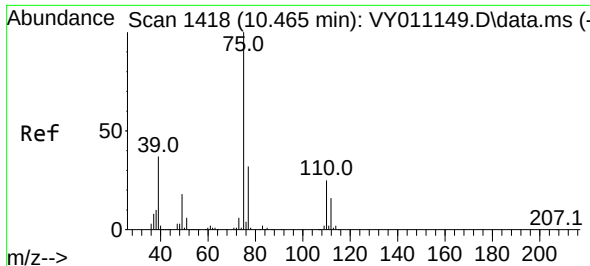
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#52
Toluene
Concen: 10.231 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Tgt Ion: 92 Resp: 64224
Ion Ratio Lower Upper
92 100
91 173.6 142.6 213.8





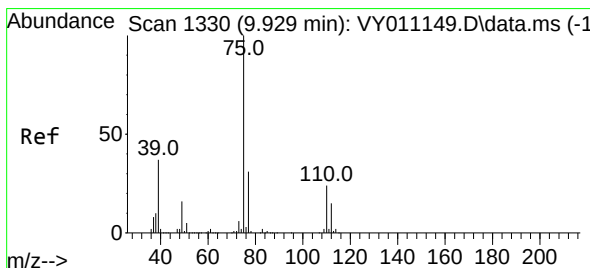
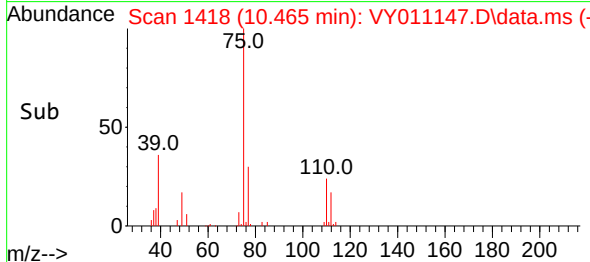
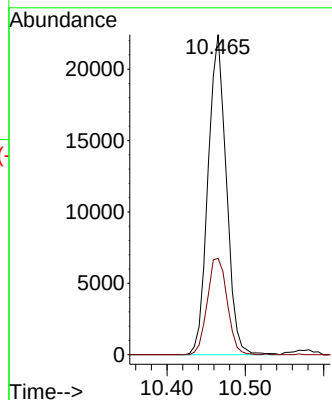
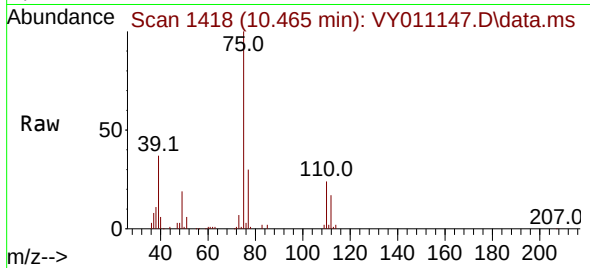
#53
t-1,3-Dichloropropene
Concen: 9.926 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 36292
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2

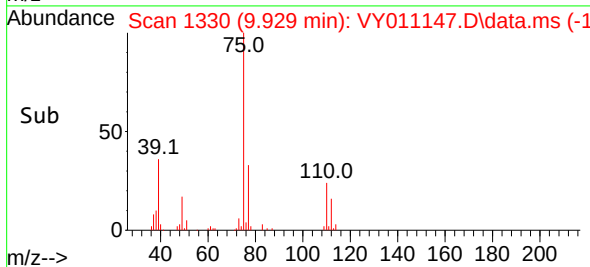
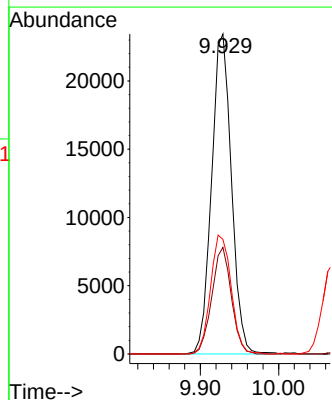
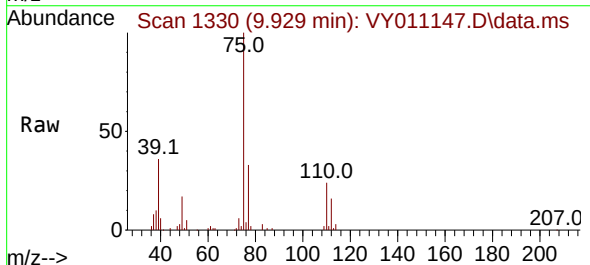
Manual Integrations
APPROVED

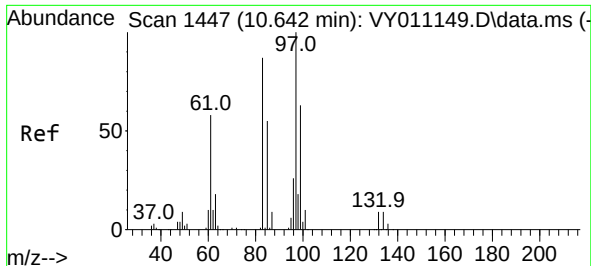
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#54
cis-1,3-Dichloropropene
Concen: 9.953 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

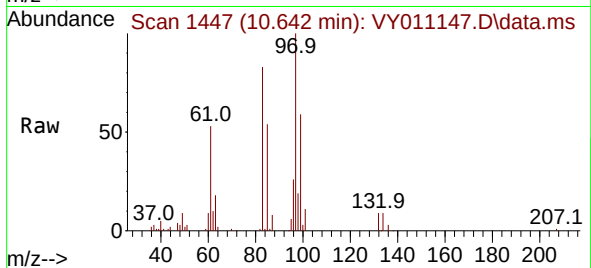
Tgt Ion: 75 Resp: 41247
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4
39 35.8 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 10.421 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

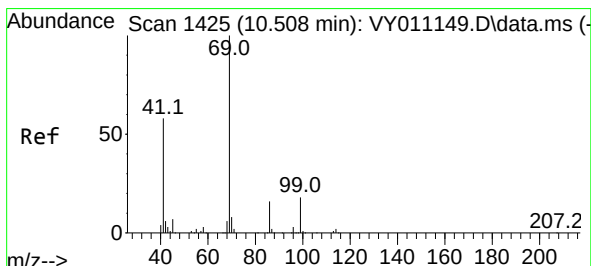
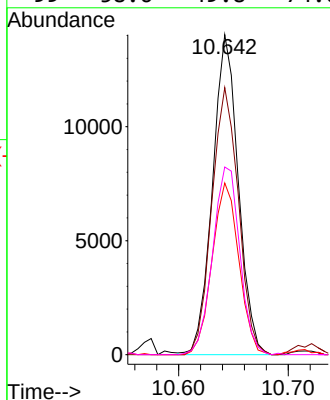
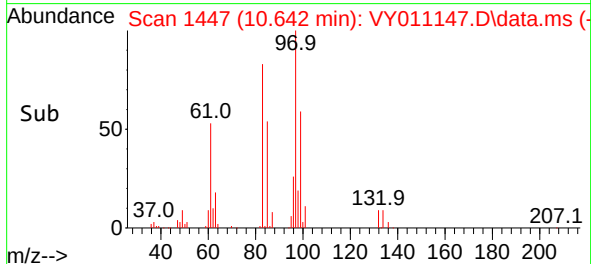
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



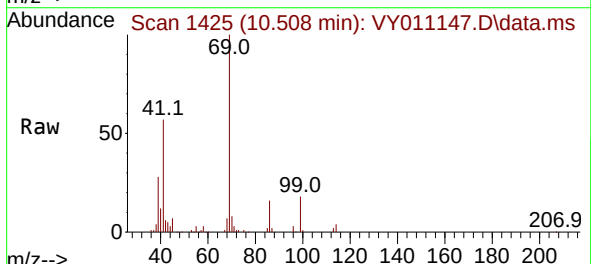
Tgt Ion:	97	Resp:	2288
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.8	104.8
85	53.6	44.3	66.5
99	58.6	49.8	74.6

Manual Integrations
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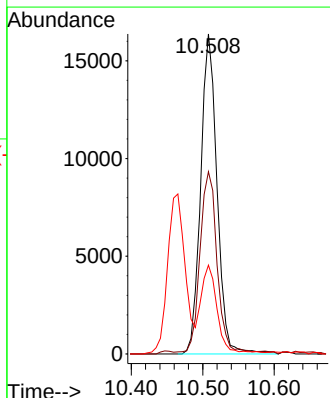
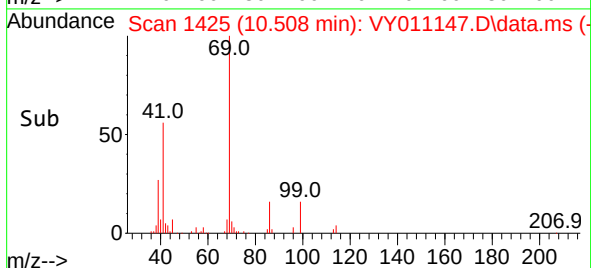
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

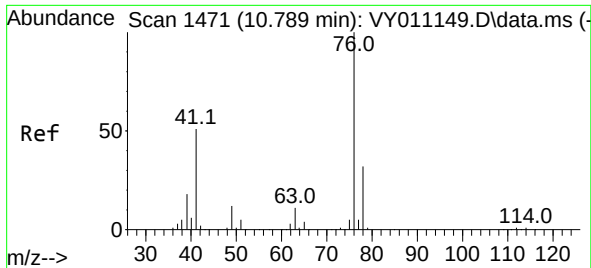


#56
Ethyl methacrylate
Concen: 9.421 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31



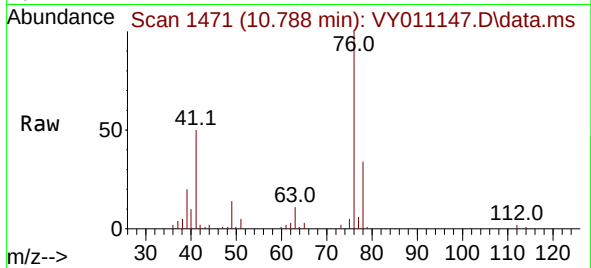
Tgt Ion:	69	Resp:	26039
Ion	Ratio	Lower	Upper
69	100		
41	57.3	63.4	95.0#
39	26.4	35.8	53.8#





#57
1,3-Dichloropropane
Concen: 10.392 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

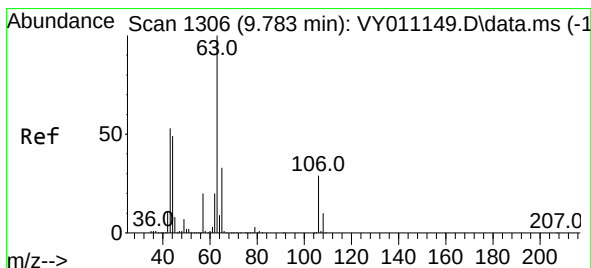
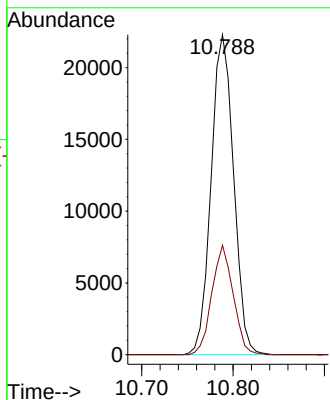
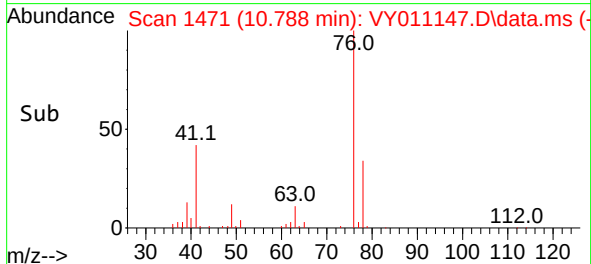
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 3809
Ion Ratio Lower Upper
76 100
78 32.4 25.0 37.6

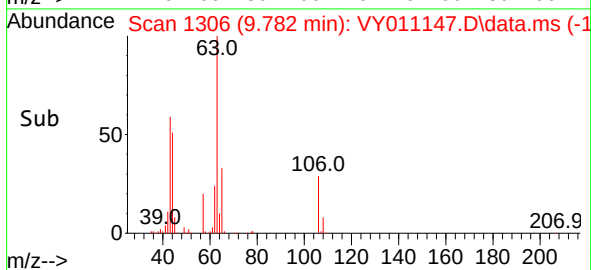
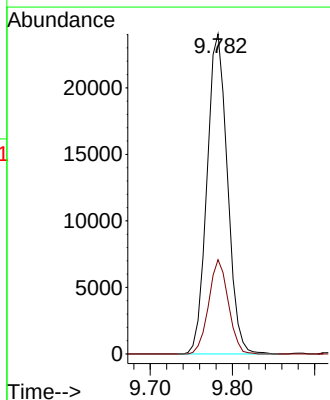
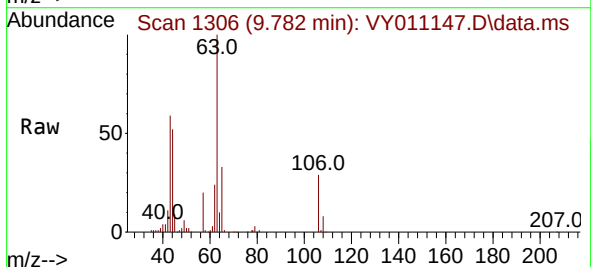
Manual Integrations
APPROVED

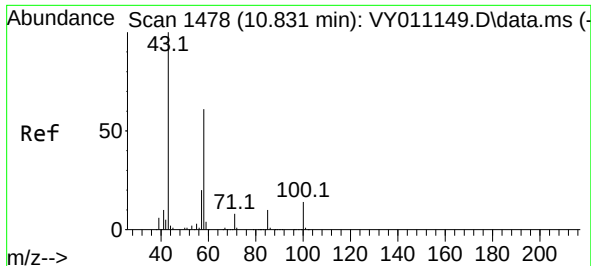
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#58
2-Chloroethyl Vinyl ether
Concen: 35.538 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

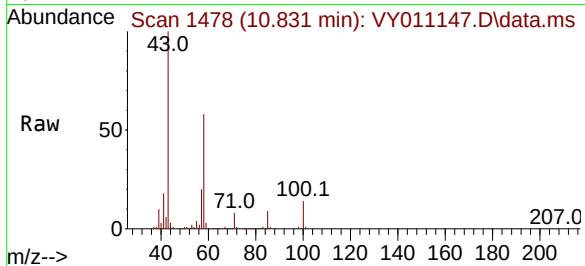
Tgt Ion: 63 Resp: 41499
Ion Ratio Lower Upper
63 100
106 28.2 21.5 32.3





#59
2-Hexanone
Concen: 48.254 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

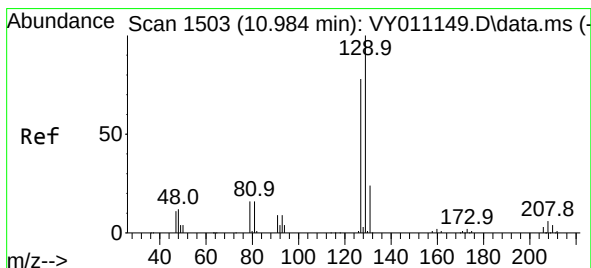
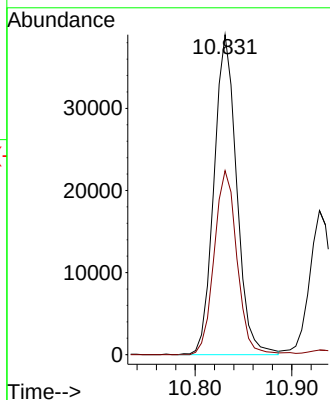
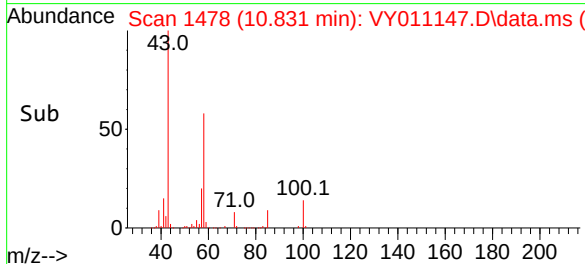
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



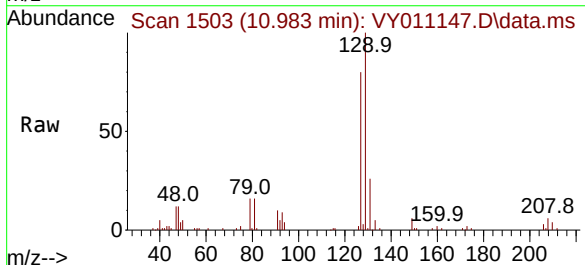
Tgt Ion: 43 Resp: 6345
Ion Ratio Lower Upper
43 100
58 58.0 24.4 73.4

Manual Integrations
APPROVED

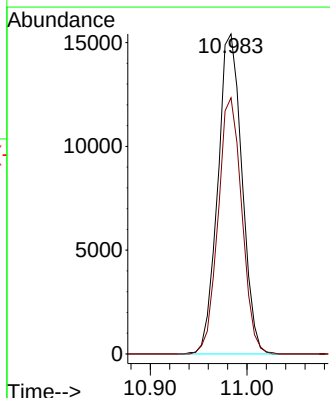
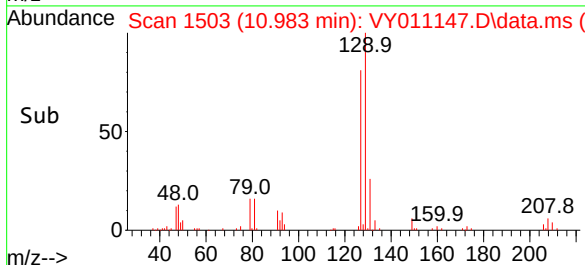
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

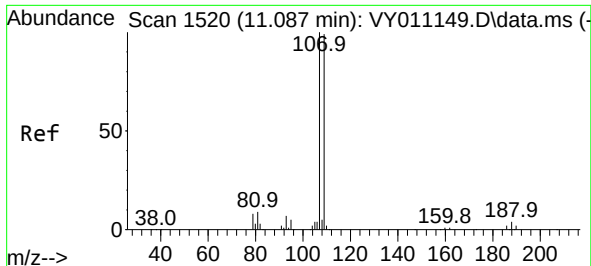


#60
Dibromochloromethane
Concen: 10.297 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31



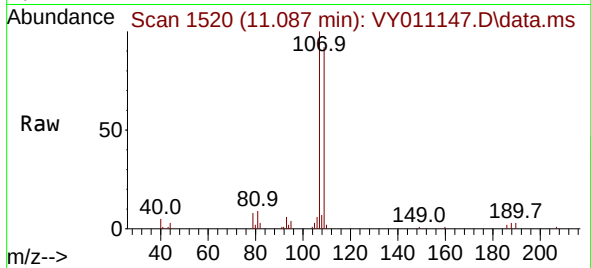
Tgt Ion:129 Resp: 26740
Ion Ratio Lower Upper
129 100
127 78.4 38.7 116.1





#61
1,2-Dibromoethane
Concen: 10.415 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

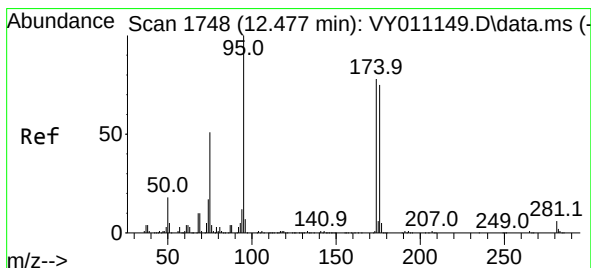
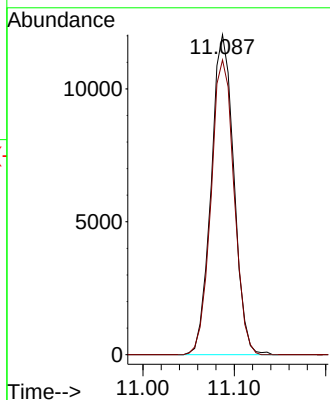
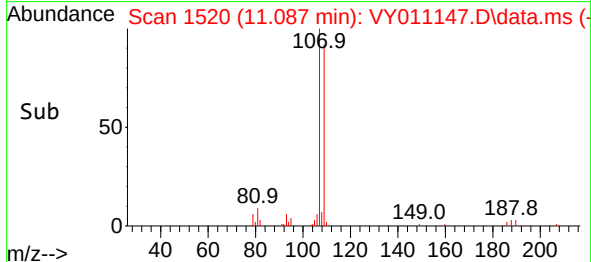
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:107 Resp: 20764
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.2

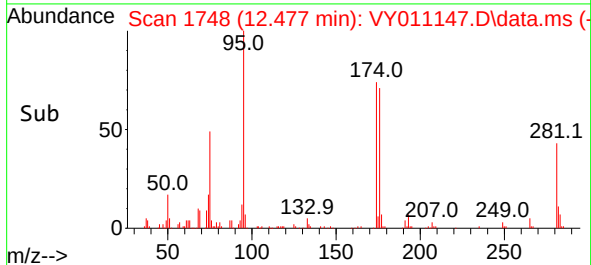
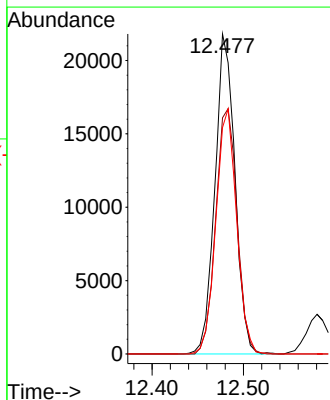
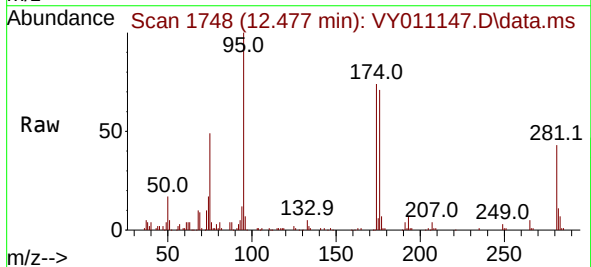
Manual Integrations
APPROVED

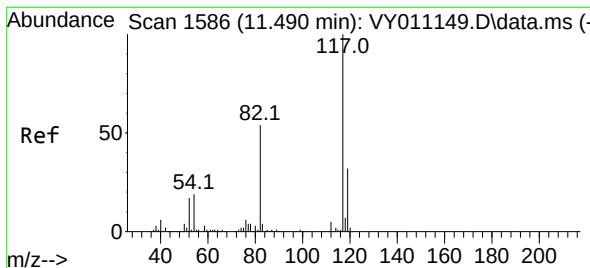
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#62
4-Bromofluorobenzene
Concen: 9.930 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

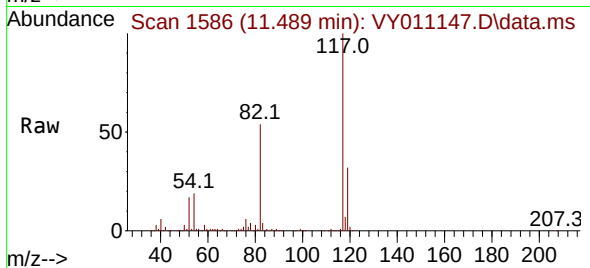
Tgt Ion: 95 Resp: 33071
Ion Ratio Lower Upper
95 100
174 82.3 0.0 177.0
176 79.4 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

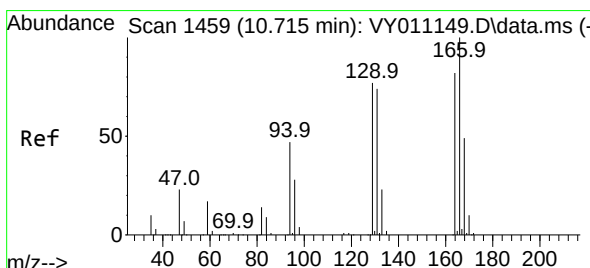
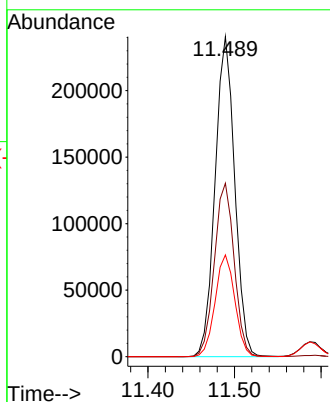
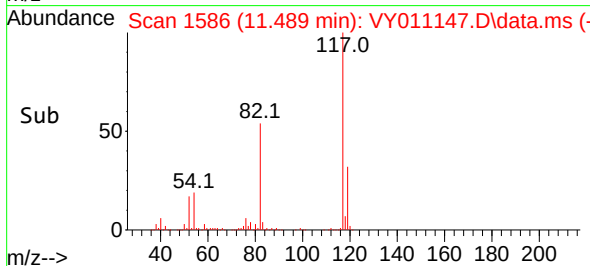
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 378980
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.8 25.4 38.0

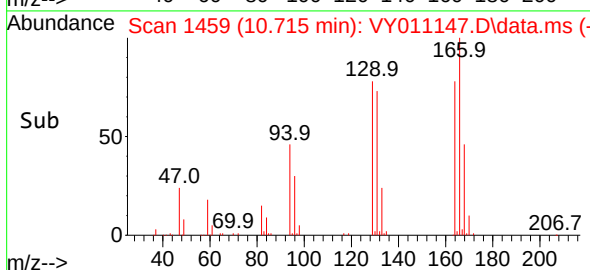
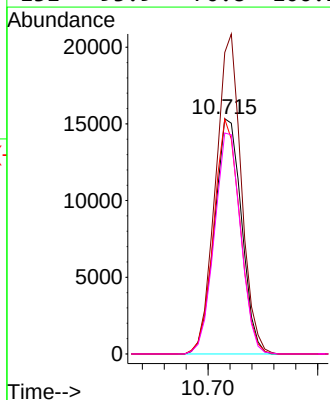
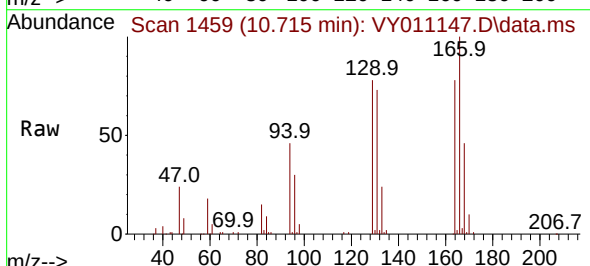
Manual Integrations
APPROVED

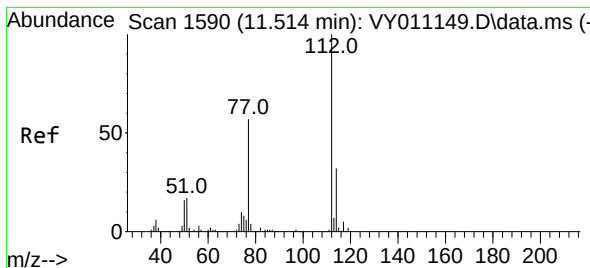
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#64
Tetrachloroethene
Concen: 10.091 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Tgt Ion:164 Resp: 26389
Ion Ratio Lower Upper
164 100
166 128.2 100.4 150.6
129 99.9 71.4 107.0
131 93.9 70.8 106.2





#65

Chlorobenzene

Concen: 10.113 ug/l

RT: 11.514 min Scan# 1150

Delta R.T. -0.000 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:112 Resp: 70572

Ion Ratio Lower Upper

112 100

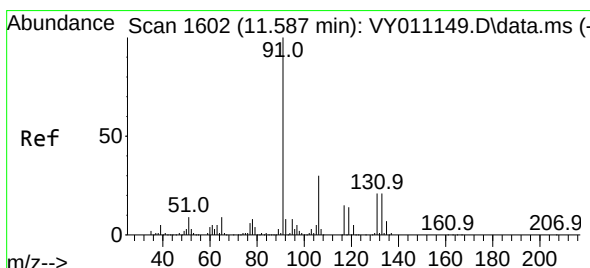
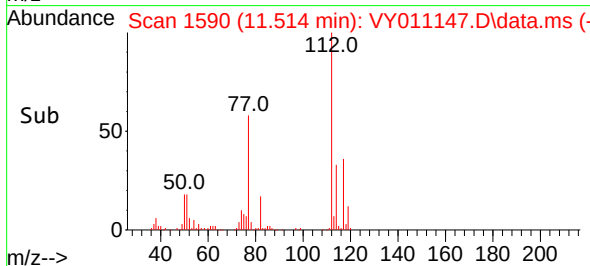
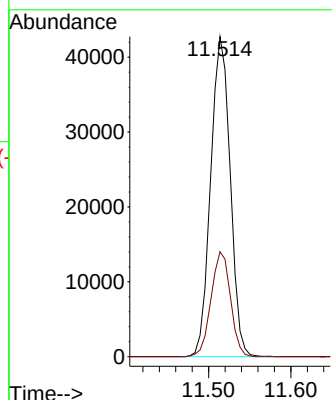
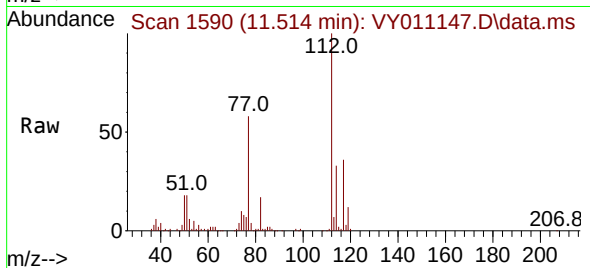
114 32.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 10.186 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

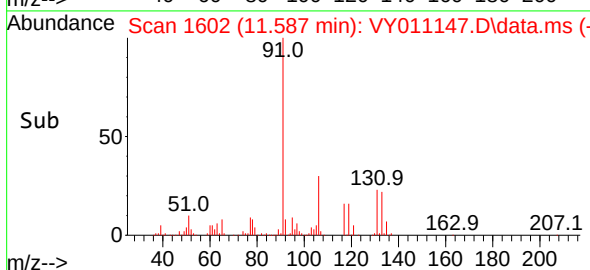
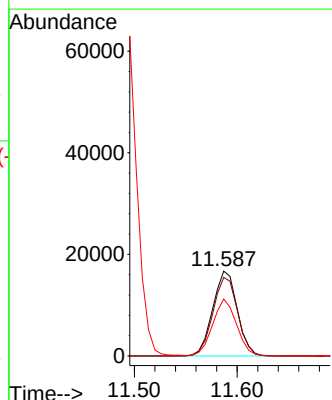
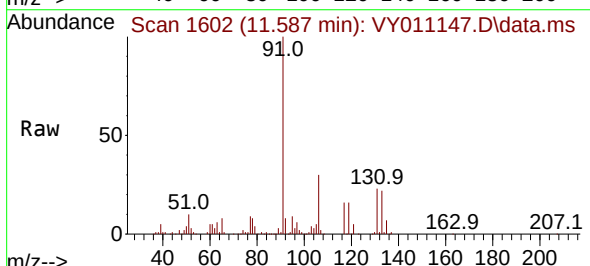
Tgt Ion:131 Resp: 27581

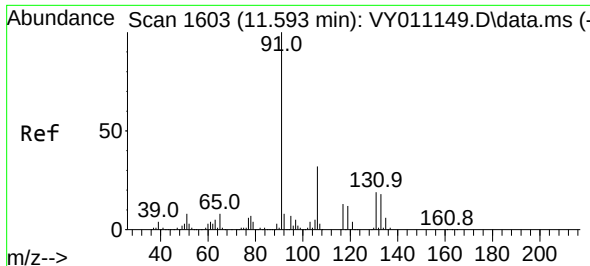
Ion Ratio Lower Upper

131 100

133 93.7 47.9 143.6

119 65.2 30.8 92.3





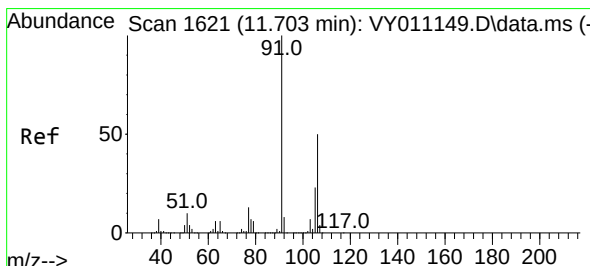
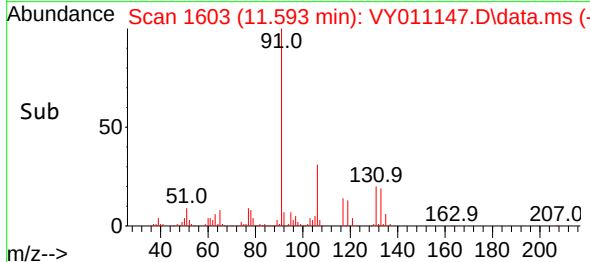
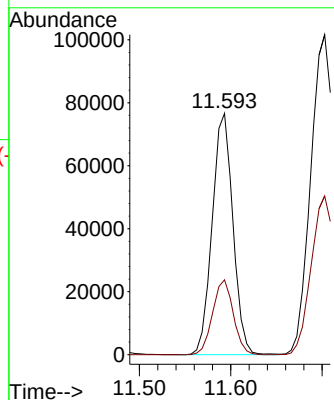
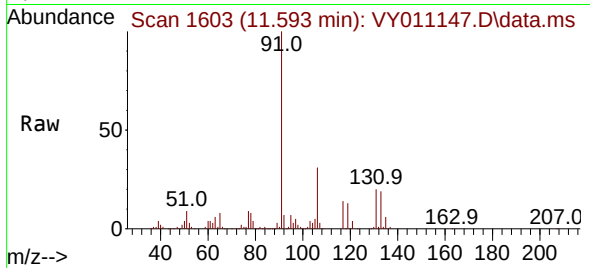
#67
Ethyl Benzene
Concen: 9.894 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 120614
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7

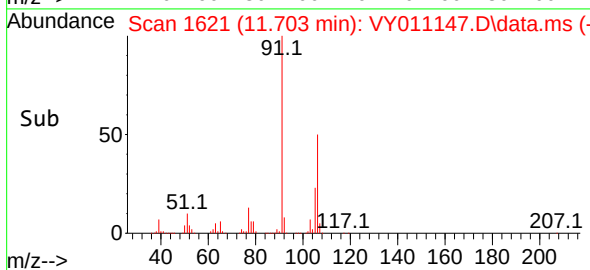
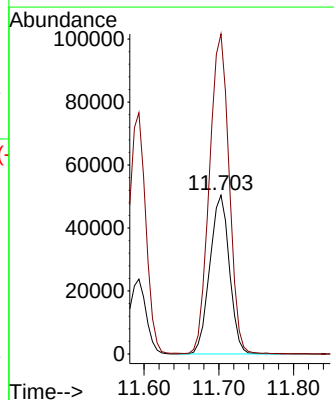
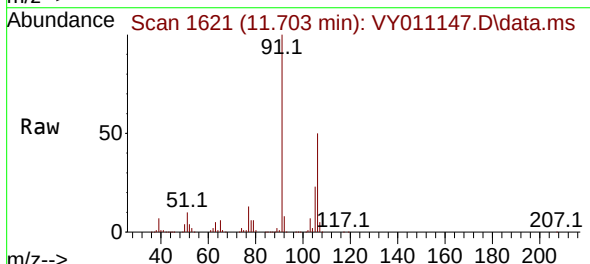
Manual Integrations
APPROVED

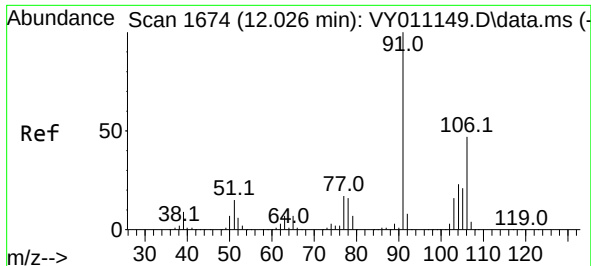
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#68
m/p-Xylenes
Concen: 19.715 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Tgt Ion:106 Resp: 91602
Ion Ratio Lower Upper
106 100
91 202.5 166.6 249.8





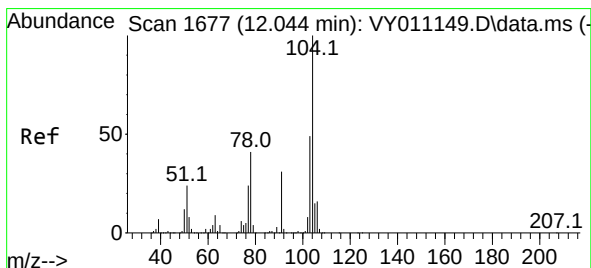
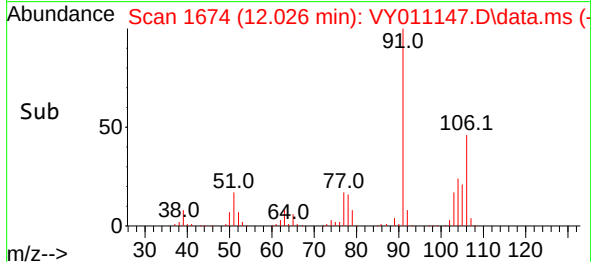
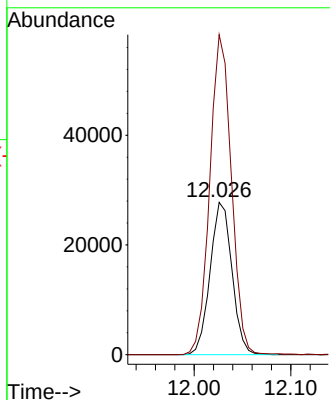
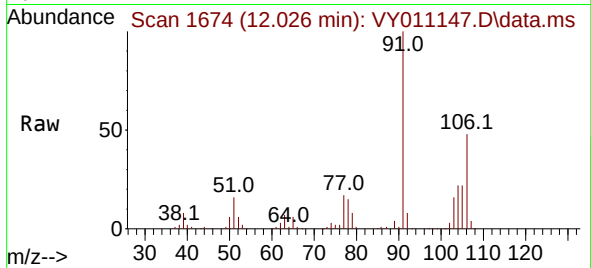
#69
o-Xylene
Concen: 9.837 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 4359
Ion Ratio Lower Upper
106 100
91 208.0 110.3 331.0

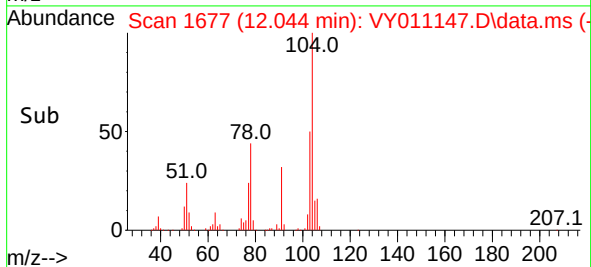
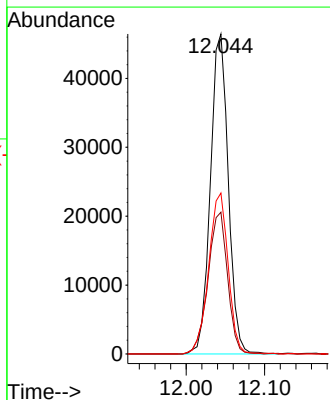
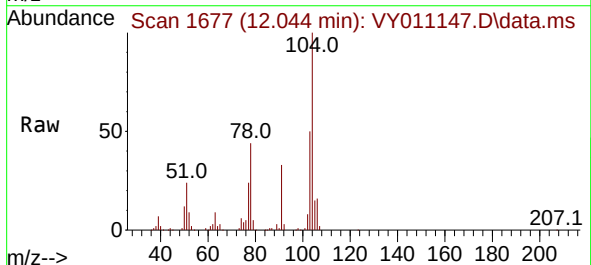
Manual Integrations
APPROVED

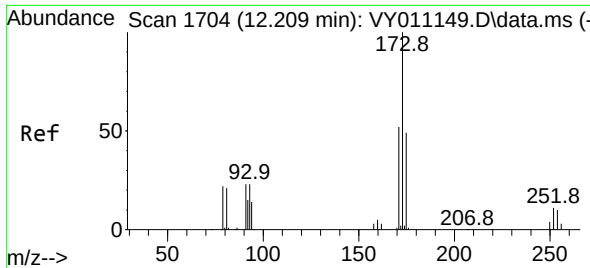
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#70
Styrene
Concen: 9.729 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Tgt Ion:104 Resp: 73683
Ion Ratio Lower Upper
104 100
78 48.4 42.4 63.6
103 55.0 44.4 66.6





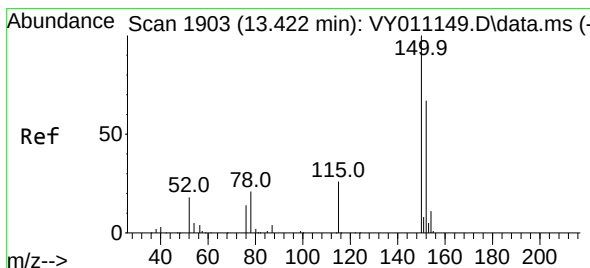
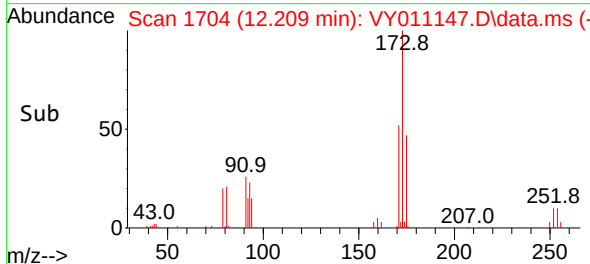
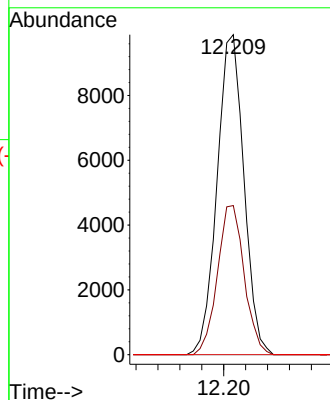
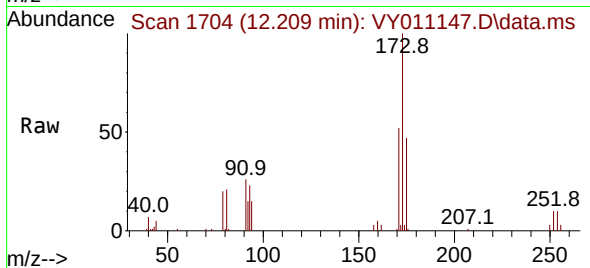
#71
Bromoform
Concen: 10.112 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 1677
Ion Ratio Lower Upper
173 100
175 46.6 24.6 74.0
254 0.0 0.0 0.0

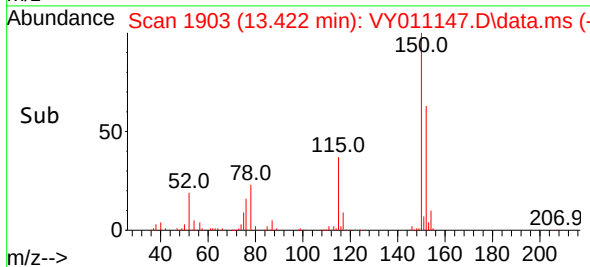
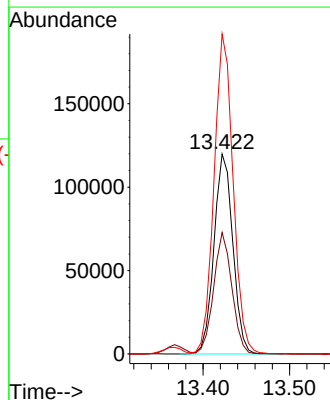
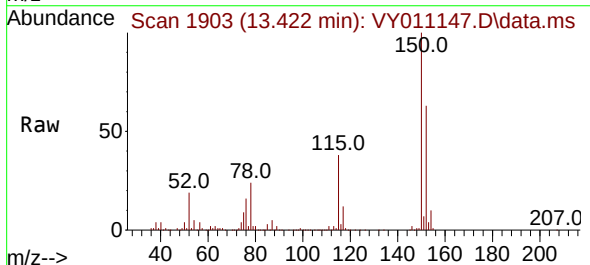
Manual Integrations
APPROVED

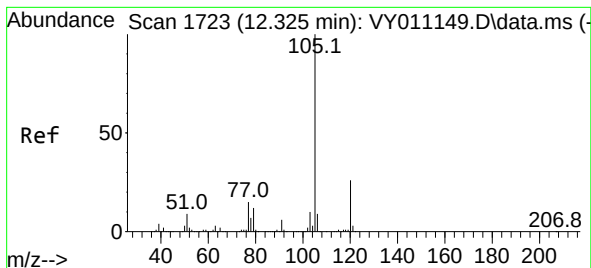
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Tgt Ion:152 Resp: 181222
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 162.1 0.0 347.6





#73

Isopropylbenzene

Concen: 9.701 ug/l

RT: 12.331 min Scan# 11478

Delta R.T. 0.006 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion:105 Resp: 11478

Ion Ratio Lower Upper

105 100

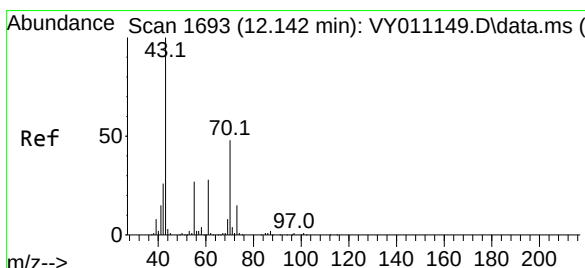
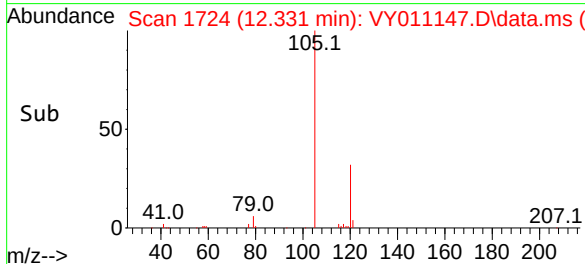
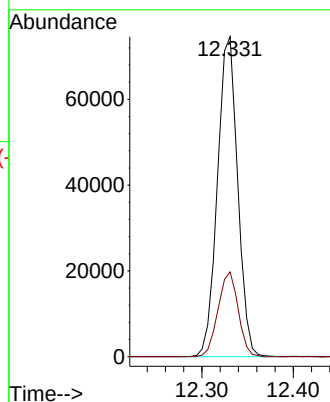
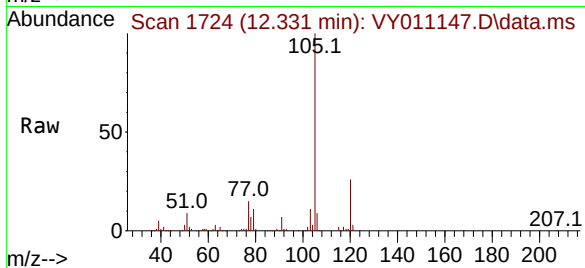
120 26.3 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#74

N-ethyl acetate

Concen: 9.500 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

Tgt Ion: 43 Resp: 27593

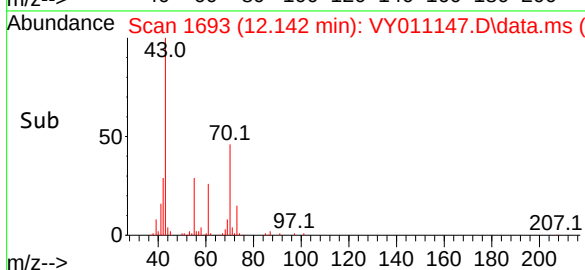
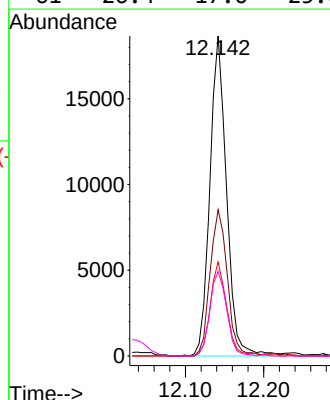
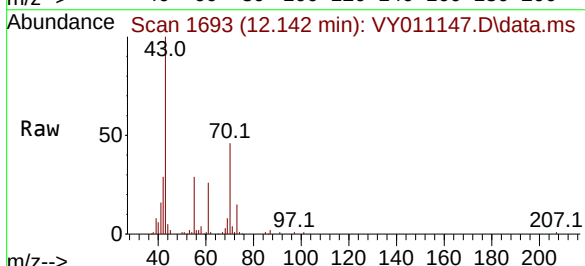
Ion Ratio Lower Upper

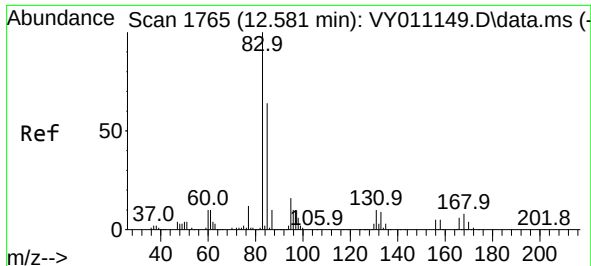
43 100

70 47.3 28.7 43.1#

55 28.8 17.3 25.9#

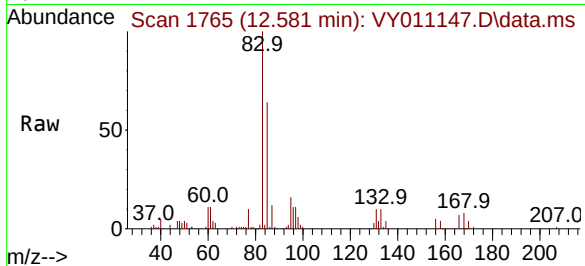
61 26.4 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 10.545 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

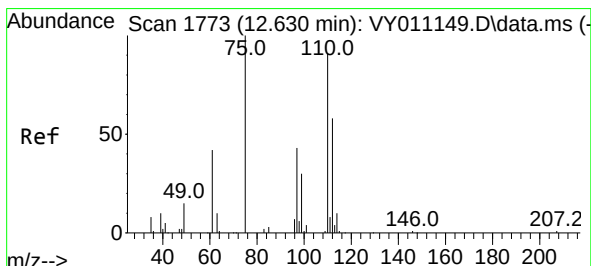
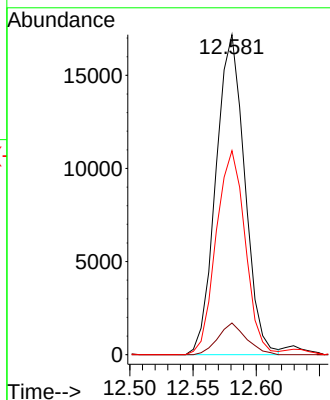
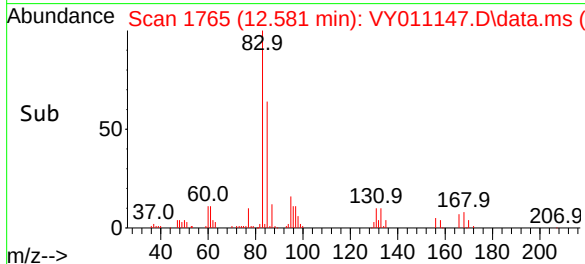
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



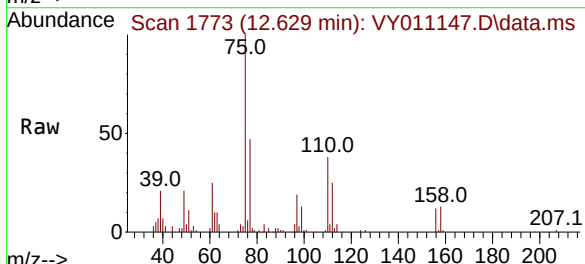
Tgt Ion: 83 Resp: 27220
Ion Ratio Lower Upper
83 100
131 9.7 5.6 16.8
85 64.4 32.3 96.8

Manual Integrations
APPROVED

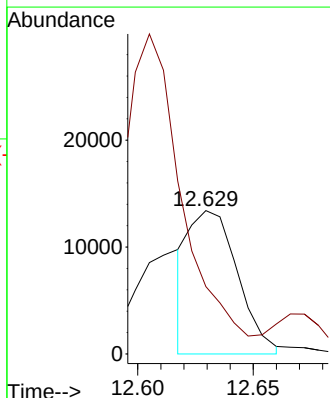
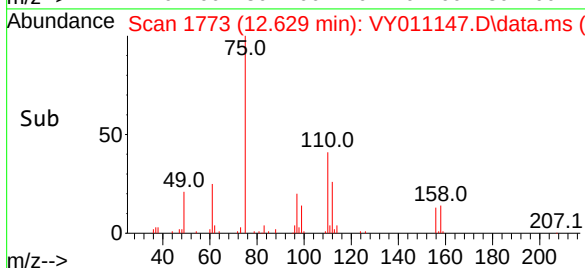
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

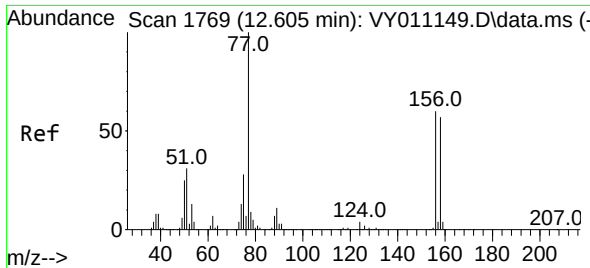


#76
1,2,3-Trichloropropane
Concen: 10.225 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31



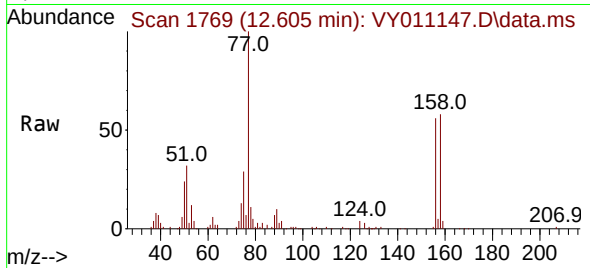
Tgt Ion: 75 Resp: 19684
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 9.907 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

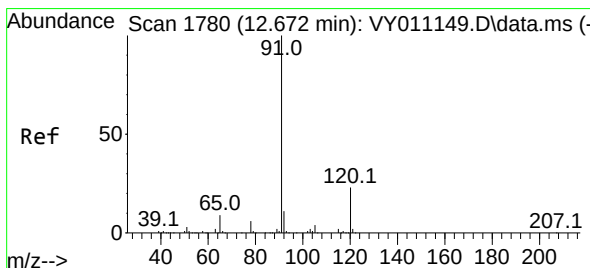
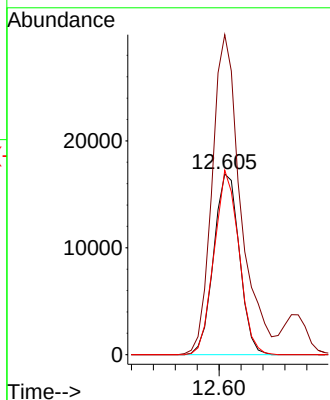
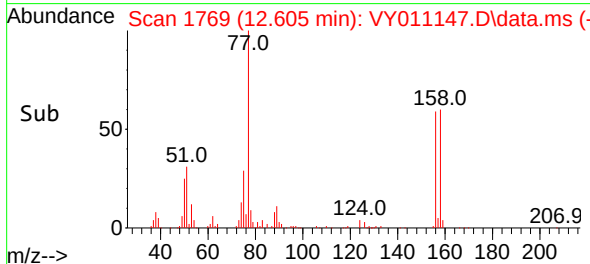
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



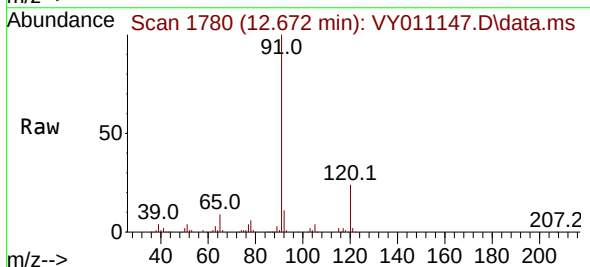
Tgt Ion:156 Resp: 27570
Ion Ratio Lower Upper
156 100
77 195.8 95.5 286.4
158 98.8 48.0 144.0

Manual Integrations
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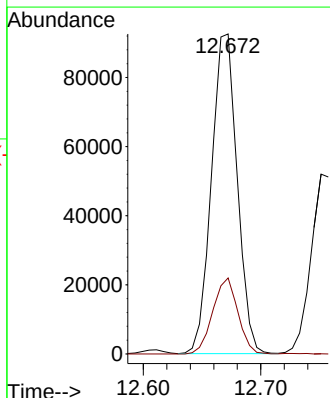
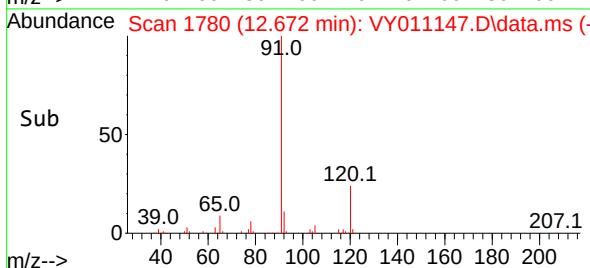
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

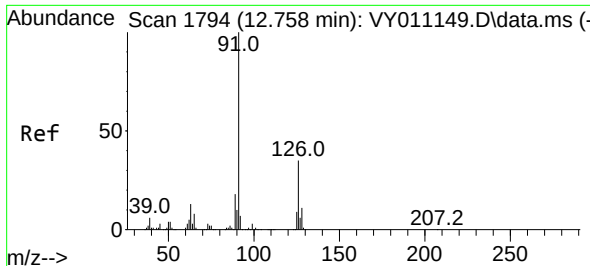


#78
n-propylbenzene
Concen: 9.799 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31



Tgt Ion: 91 Resp: 140998
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9





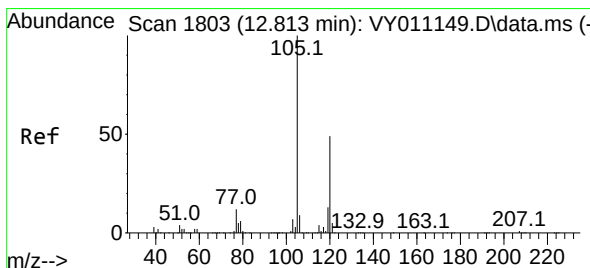
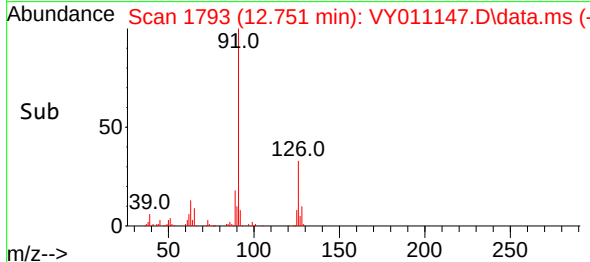
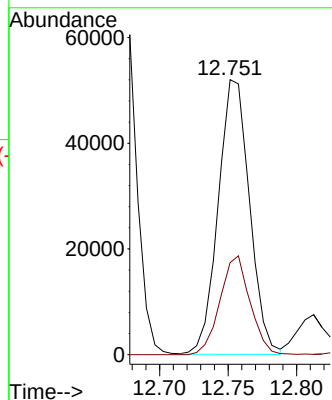
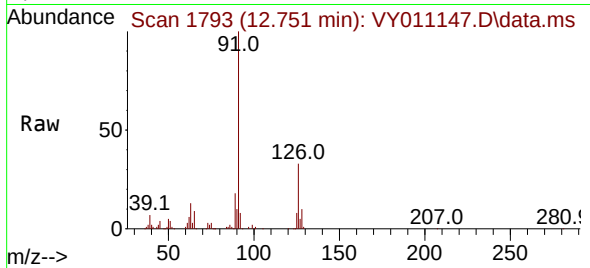
#79
2-Chlorotoluene
Concen: 10.066 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 8284
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.6

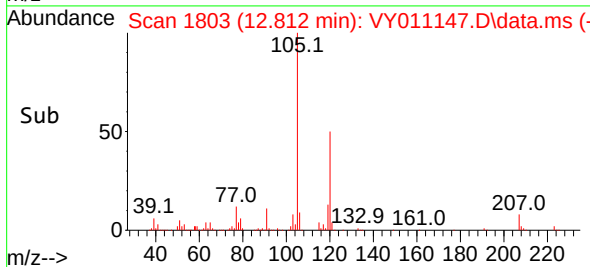
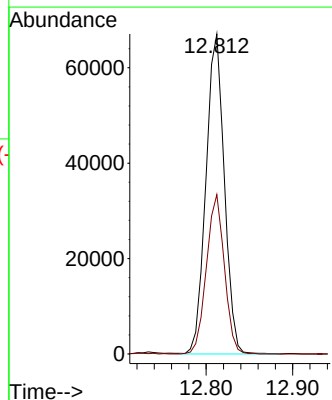
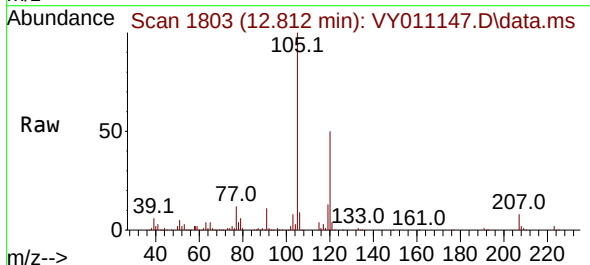
Manual Integrations
APPROVED

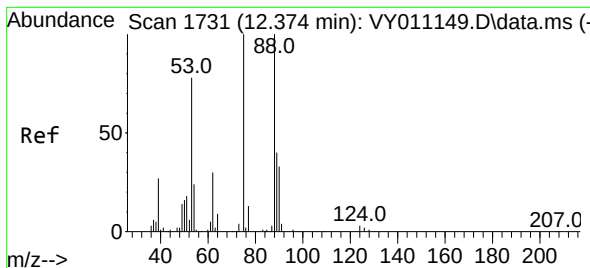
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.928 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

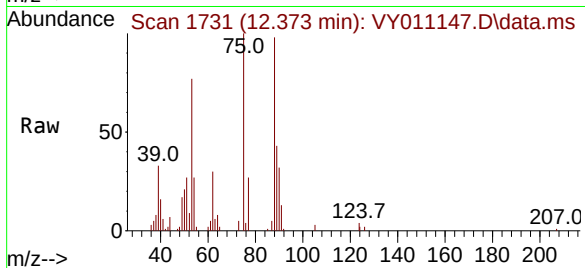
Tgt Ion:105 Resp: 98971
Ion Ratio Lower Upper
105 100
120 48.5 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 10.068 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

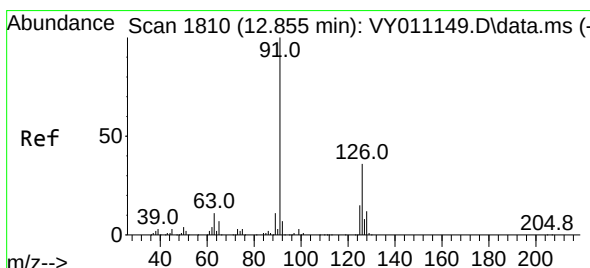
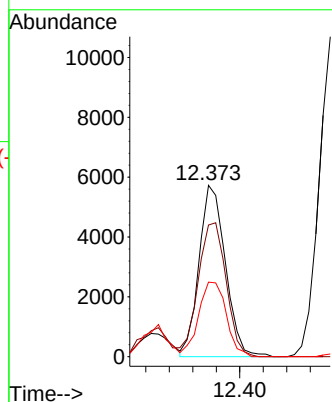
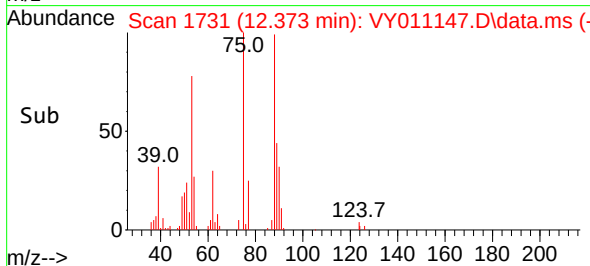
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 8932
Ion Ratio Lower Upper
75 100
53 83.6 85.3 127.9
89 45.5 37.0 55.4

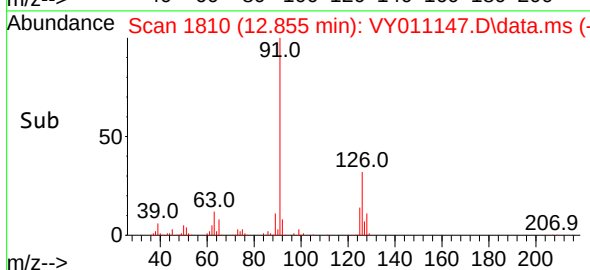
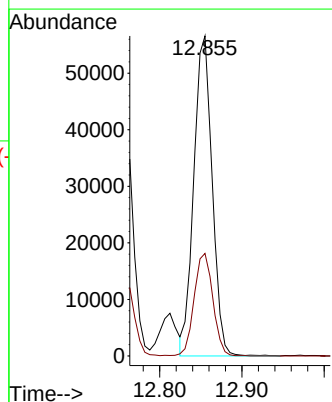
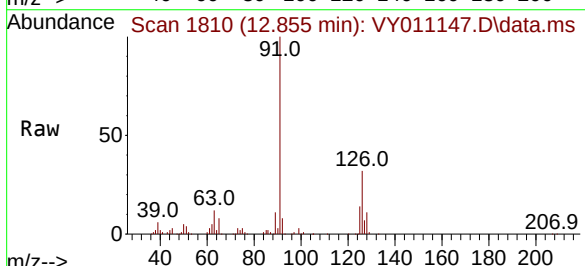
Manual Integrations
APPROVED

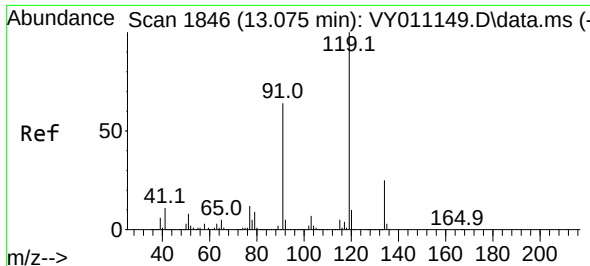
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#82
4-Chlorotoluene
Concen: 10.288 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

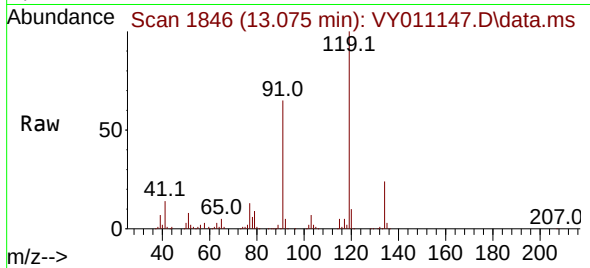
Tgt Ion: 91 Resp: 87836
Ion Ratio Lower Upper
91 100
126 32.7 17.0 51.0





#83
tert-Butylbenzene
Concen: 9.615 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

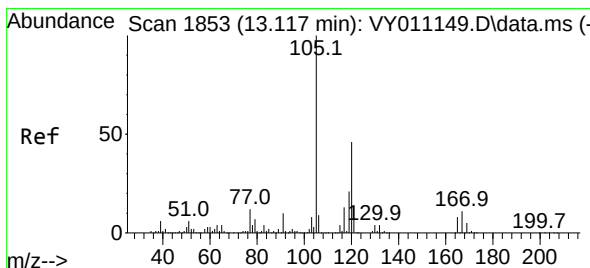
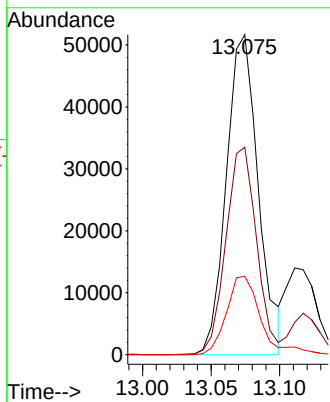
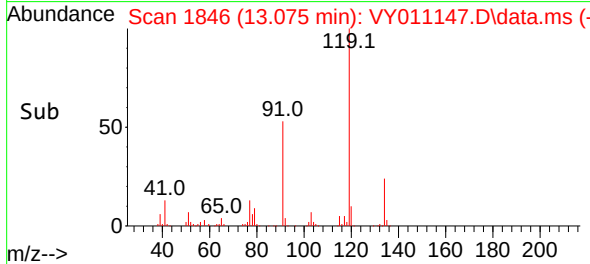
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



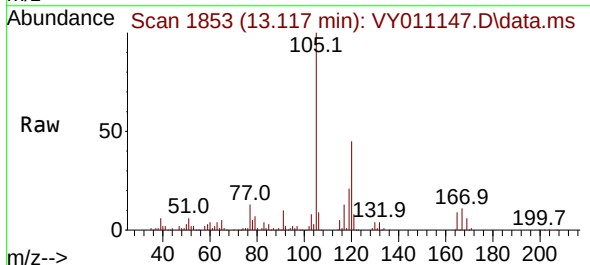
Tgt Ion:119 Resp: 83672
Ion Ratio Lower Upper
119 100
91 62.4 34.8 104.4
134 26.3 13.3 39.9

Manual Integrations
APPROVED

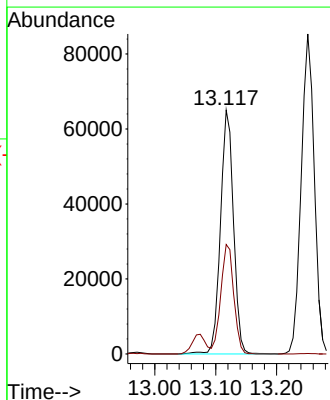
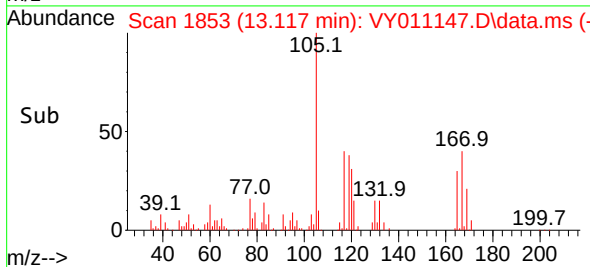
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

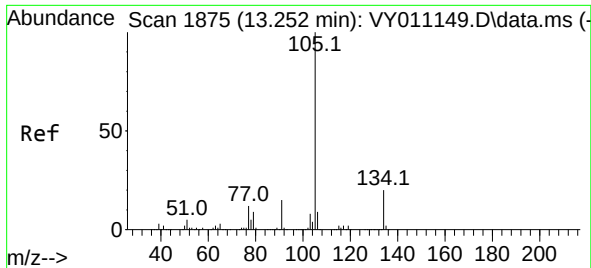


#84
1,2,4-Trimethylbenzene
Concen: 9.858 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31



Tgt Ion:105 Resp: 96732
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9





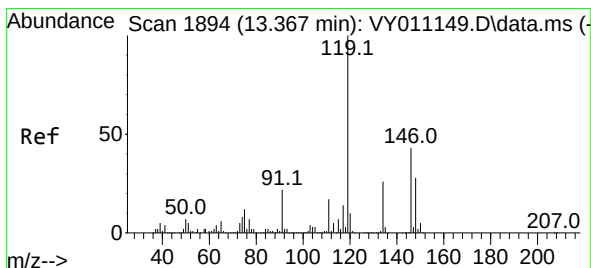
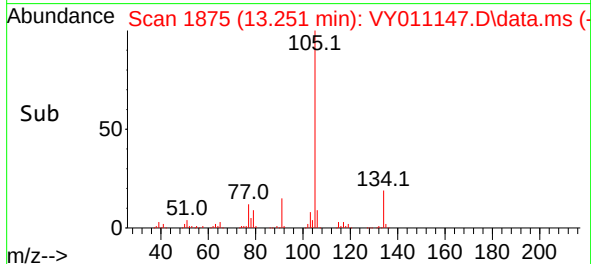
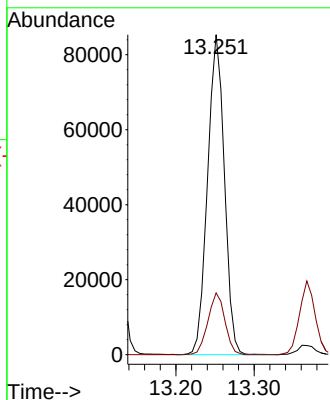
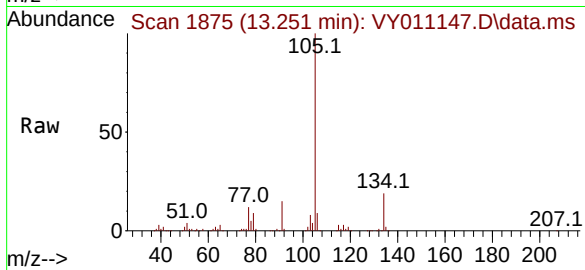
#85
 sec-Butylbenzene
 Concen: 9.768 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY011147.D
 Acq: 28 Oct 2022 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 127104
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4

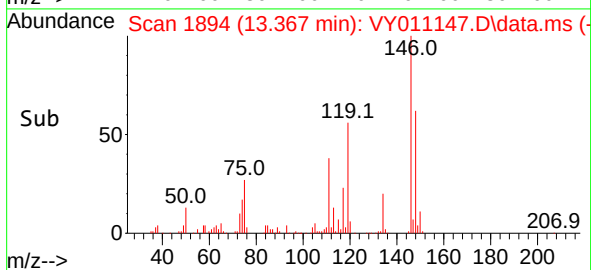
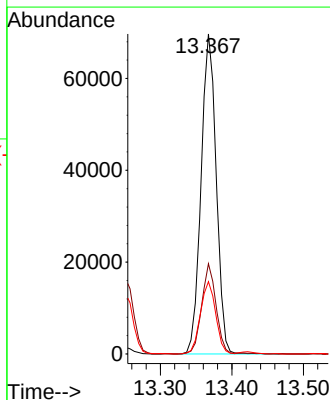
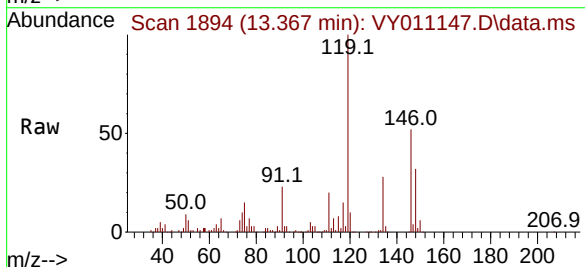
Manual Integrations
 APPROVED

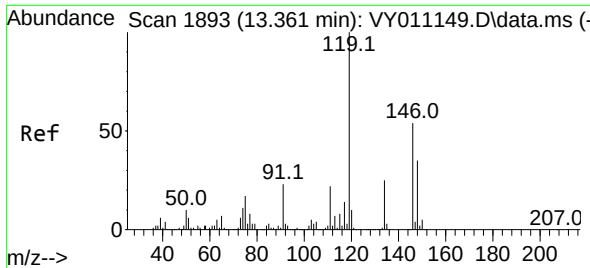
Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022



#86
 p-Isopropyltoluene
 Concen: 9.600 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY011147.D
 Acq: 28 Oct 2022 10:31

Tgt Ion:119 Resp: 102621
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 22.7 12.4 37.2





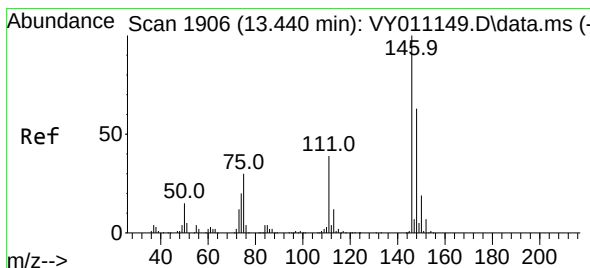
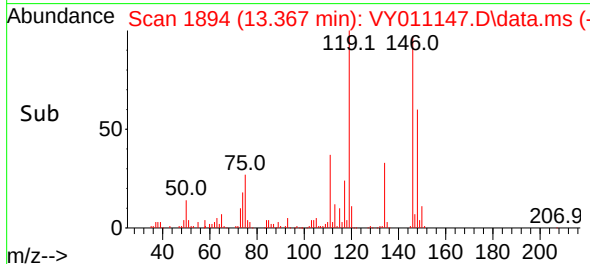
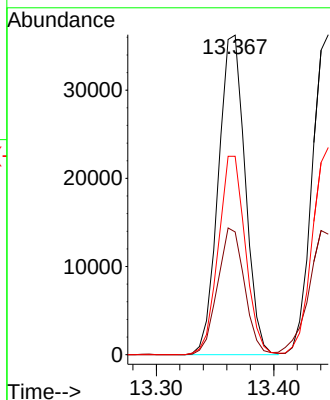
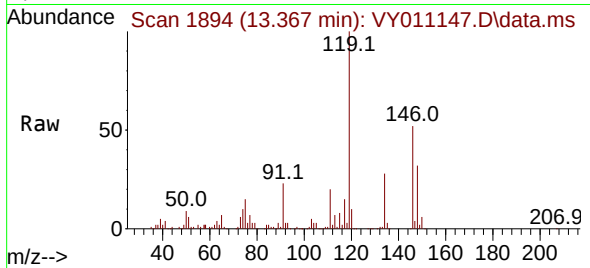
#87
1,3-Dichlorobenzene
Concen: 10.182 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 57520
Ion Ratio Lower Upper
146 100
111 39.8 19.5 58.5
148 62.7 31.6 95.0

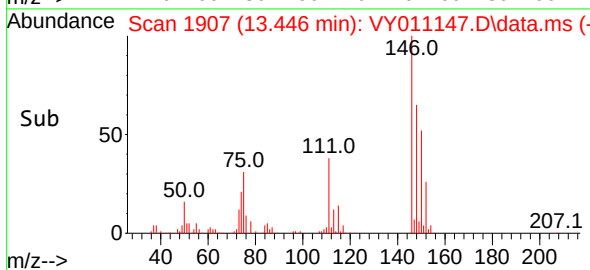
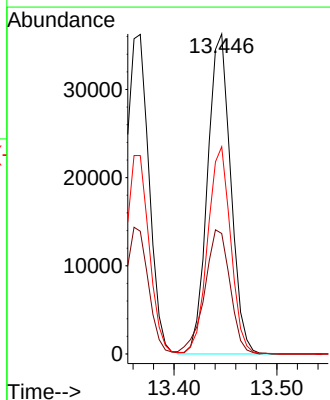
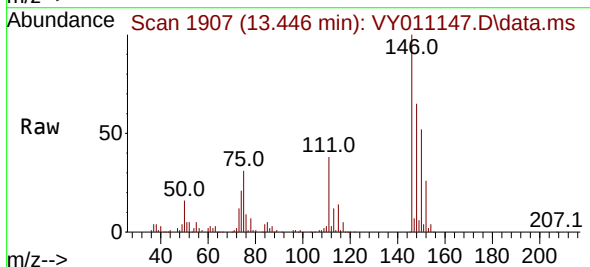
Manual Integrations
APPROVED

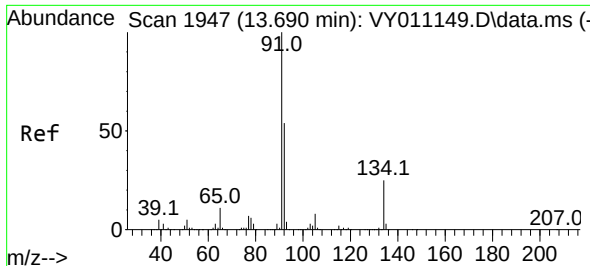
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#88
1,4-Dichlorobenzene
Concen: 10.067 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Tgt Ion:146 Resp: 56900
Ion Ratio Lower Upper
146 100
111 42.7 19.3 57.8
148 64.2 32.6 97.8





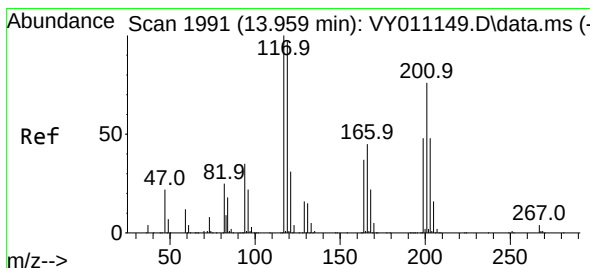
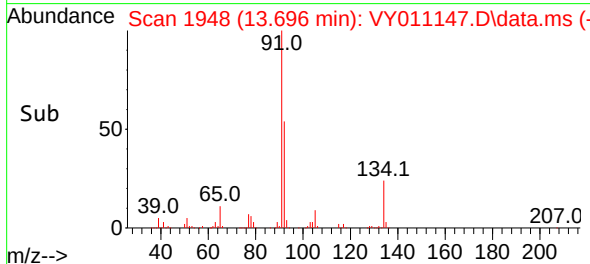
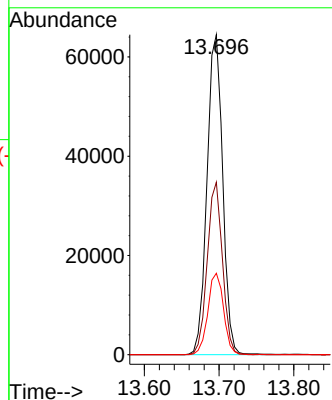
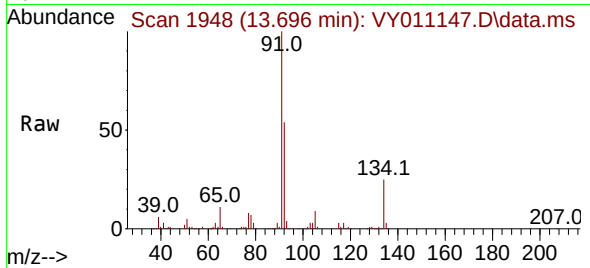
#89
n-Butylbenzene
Concen: 9.404 ug/l
RT: 13.696 min Scan# 1947
Delta R.T. 0.006 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 93898
Ion Ratio Lower Upper
91 100
92 52.2 26.3 78.9
134 25.5 13.0 38.9

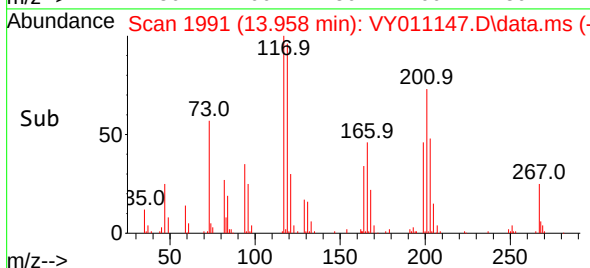
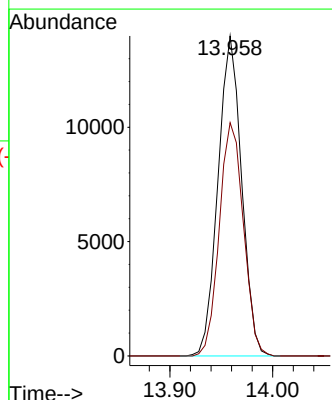
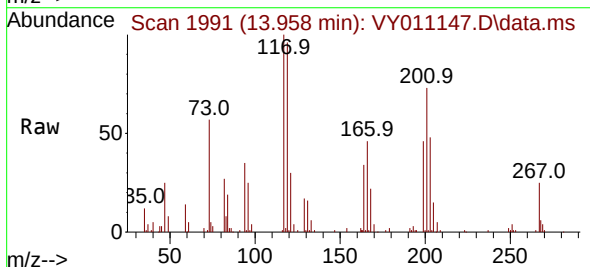
Manual Integrations
APPROVED

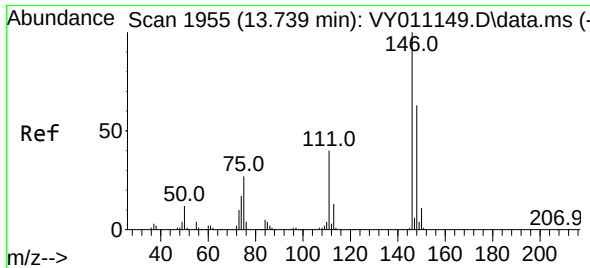
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#90
Hexachloroethane
Concen: 9.970 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Tgt Ion:117 Resp: 22263
Ion Ratio Lower Upper
117 100
201 74.7 43.0 128.8





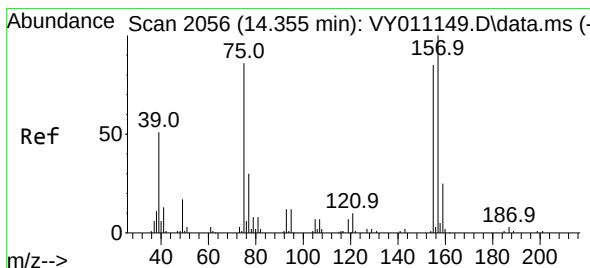
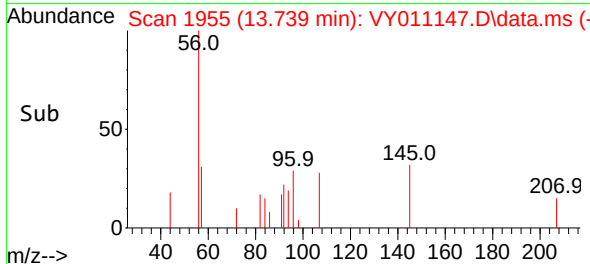
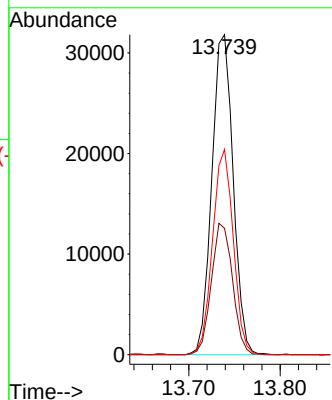
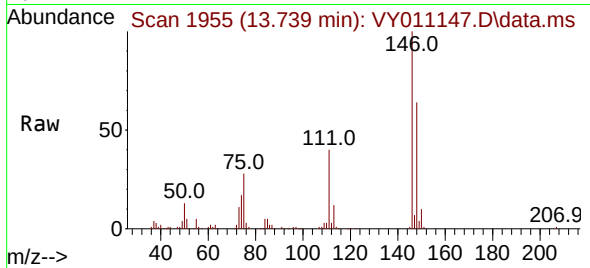
#91
1,2-Dichlorobenzene
Concen: 10.156 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 51614
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.9
148 62.4 32.3 96.9

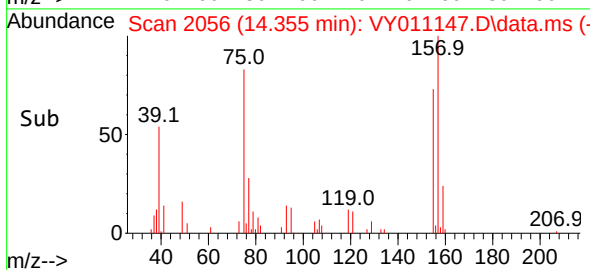
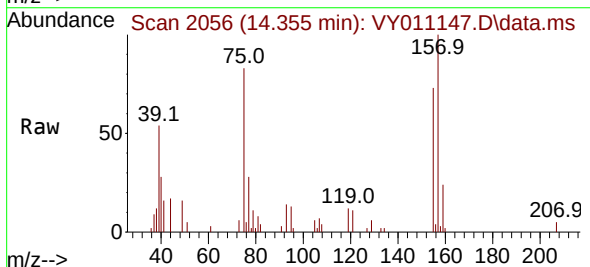
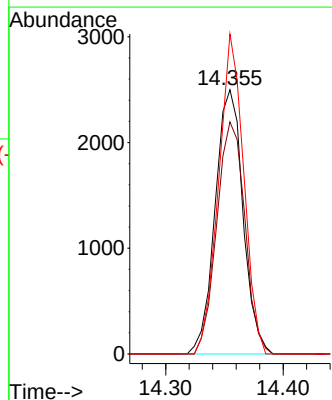
Manual Integrations
APPROVED

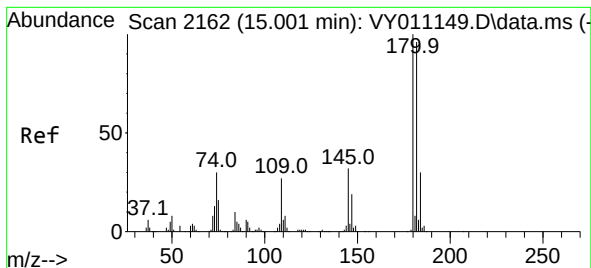
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.892 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011147.D
Acq: 28 Oct 2022 10:31

Tgt Ion: 75 Resp: 4111
Ion Ratio Lower Upper
75 100
155 88.6 38.0 113.9
157 109.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 9.089 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.000 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

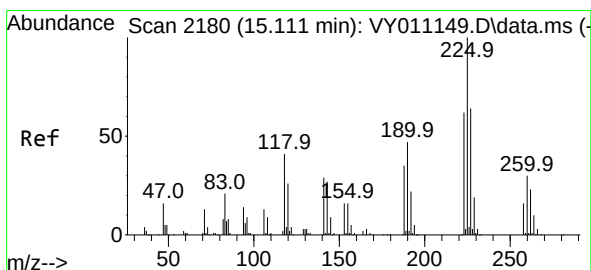
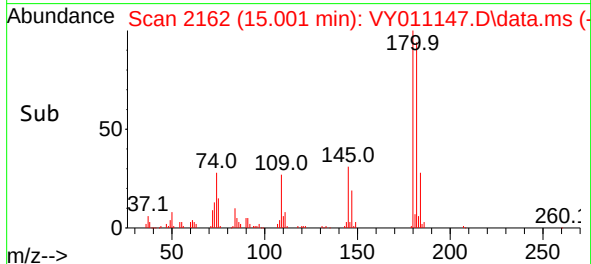
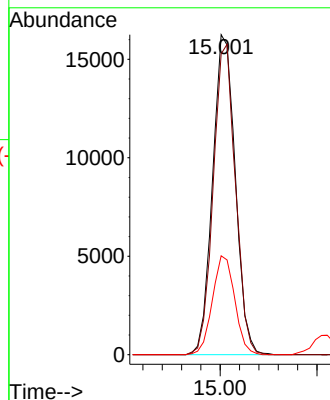
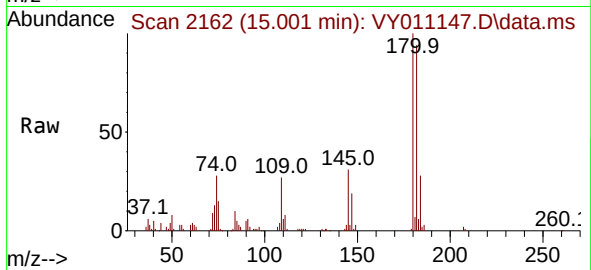
Tgt Ion:180	Resp:	26430
Ion Ratio	Lower	Upper
180	100	
182	94.8	47.3 141.9
145	30.5	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#94

Hexachlorobutadiene

Concen: 9.364 ug/l

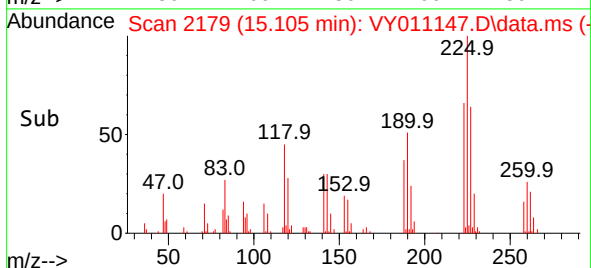
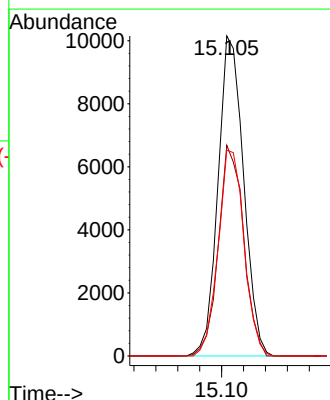
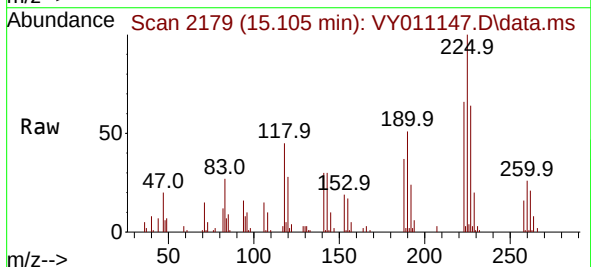
RT: 15.105 min Scan# 2179

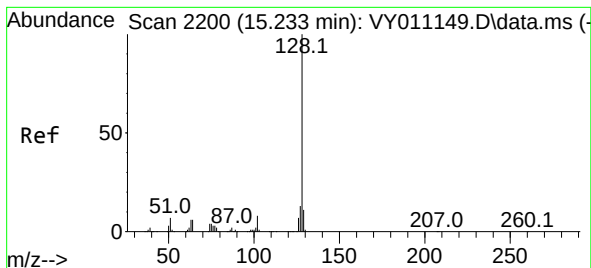
Delta R.T. -0.006 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

Tgt Ion:225	Resp:	16447
Ion Ratio	Lower	Upper
225	100	
223	65.0	30.8 92.3
227	64.8	31.6 94.7





#95

Naphthalene

Concen: 8.323 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

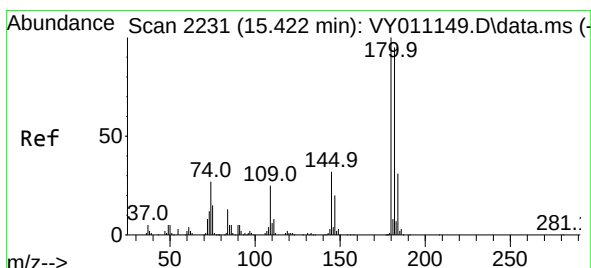
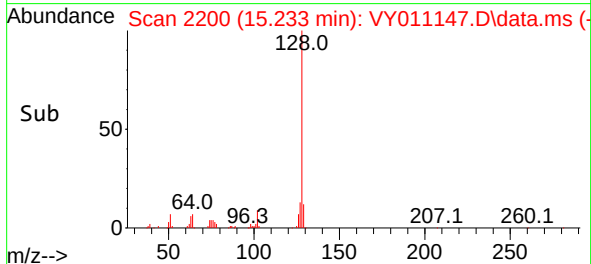
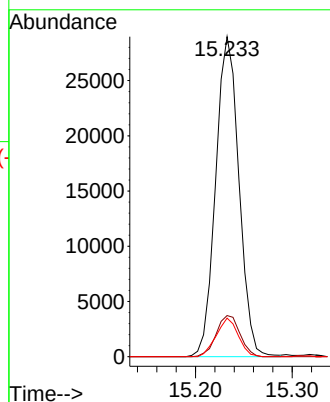
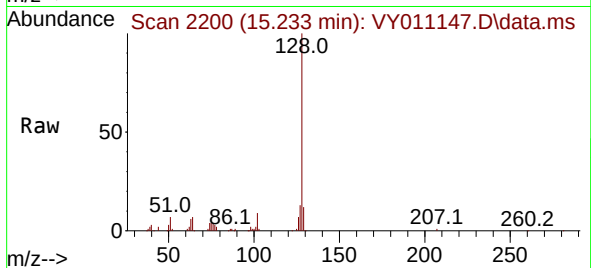
Tgt Ion:128	Resp:	48449
Ion Ratio	Lower	Upper
128	100	
127	13.1	11.0 16.4
129	11.4	8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#96

1,2,3-Trichlorobenzene

Concen: 8.787 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY011147.D

Acq: 28 Oct 2022 10:31

Tgt Ion:180	Resp:	22248
Ion Ratio	Lower	Upper
180	100	
182	97.3	47.3 141.9
145	33.7	15.3 45.9

