

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014129.D
 Acq On : 12 Jun 2023 18:39
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023

Quant Time: Jun 13 05:45:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	180186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	261779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	121850	48.563	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.120%		
35) Dibromofluoromethane	7.716	113	102264	52.844	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.680%		
50) Toluene-d8	10.179	98	355471	49.133	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.260%		
62) 4-Bromofluorobenzene	12.483	95	135118	52.574	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	84767	42.212	ug/l	93
3) Chloromethane	2.113	50	99699	39.155	ug/l	99
4) Vinyl Chloride	2.253	62	101404	40.962	ug/l	97
5) Bromomethane	2.650	94	87214	42.698	ug/l	100
6) Chloroethane	2.796	64	70644	41.995	ug/l	95
7) Trichlorofluoromethane	3.125	101	188372	46.838	ug/l	99
8) Diethyl Ether	3.534	74	62185	46.306	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	93924	46.274	ug/l	98
10) Methyl Iodide	4.095	142	105355	39.309	ug/l	96
11) Tert butyl alcohol	4.966	59	66762	228.037	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	88538	43.036	ug/l	95
13) Acrolein	3.735	56	28444	243.561	ug/l	95
14) Allyl chloride	4.479	41	159174	42.683	ug/l	96
15) Acrylonitrile	5.168	53	171969	248.268	ug/l	99
16) Acetone	3.954	43	146828	194.133	ug/l	95
17) Carbon Disulfide	4.198	76	240668	36.100	ug/l	98
18) Methyl Acetate	4.479	43	134596	45.848	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	303507	50.020	ug/l	99
20) Methylene Chloride	4.710	84	131399	54.760	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	102599	44.713	ug/l	98
22) Diisopropyl ether	6.119	45	362713	50.799	ug/l	98
23) Vinyl Acetate	6.064	43	1063832	252.522	ug/l	99
24) 1,1-Dichloroethane	6.015	63	200357	48.668	ug/l	97
25) 2-Butanone	6.990	43	222374	238.854	ug/l	99
26) 2,2-Dichloropropane	6.978	77	176658	45.688	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	123966	48.294	ug/l	97
28) Bromochloromethane	7.338	49	80843	48.289	ug/l	96
29) Tetrahydrofuran	7.350	42	146834	248.719	ug/l	96
30) Chloroform	7.509	83	222684	50.987	ug/l	98
31) Cyclohexane	7.789	56	143948	42.826	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	192556	48.883	ug/l	99
36) 1,1-Dichloropropene	7.917	75	146066	48.414	ug/l	100
37) Ethyl Acetate	7.076	43	107835	51.802	ug/l	100
38) Carbon Tetrachloride	7.899	117	177517	50.988	ug/l	98
39) Methylcyclohexane	9.185	83	157444	47.035	ug/l	99
40) Benzene	8.161	78	445073	49.610	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	59487	55.993	ug/l	88
42) 1,2-Dichloroethane	8.240	62	163329	51.483	ug/l	99
43) Isopropyl Acetate	8.271	43	189822	52.027	ug/l	99
44) Trichloroethene	8.941	130	118339	49.371	ug/l	95
45) 1,2-Dichloropropane	9.216	63	117723	51.662	ug/l	100
46) Dibromomethane	9.307	93	73809	52.620	ug/l	100
47) Bromodichloromethane	9.496	83	177713	54.110	ug/l	100
48) Methyl methacrylate	9.295	41	91505	53.772	ug/l	99
49) 1,4-Dioxane	9.319	88	20479	1149.005	ug/l #	42
51) 4-Methyl-2-Pentanone	10.069	43	555424	280.205	ug/l	100
52) Toluene	10.246	92	287815	51.753	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	180341	52.160	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	195421	51.805	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	99171	53.304	ug/l	98
56) Ethyl methacrylate	10.508	69	137932	53.750	ug/l	98
57) 1,3-Dichloropropane	10.788	76	166120	52.207	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	314931	271.824	ug/l	98
59) 2-Hexanone	10.831	43	388749	271.536	ug/l	99
60) Dibromochloromethane	10.984	129	129214	54.263	ug/l	99
61) 1,2-Dibromoethane	11.087	107	97745	53.234	ug/l	99
64) Tetrachloroethene	10.721	164	109288	48.979	ug/l	96
65) Chlorobenzene	11.514	112	314363	49.977	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	128030	51.749	ug/l	99
67) Ethyl Benzene	11.593	91	553935	50.311	ug/l	99
68) m/p-Xylenes	11.703	106	433193	102.289	ug/l	99
69) o-Xylene	12.026	106	207609	51.851	ug/l	99
70) Styrene	12.044	104	361582	52.912	ug/l	99
71) Bromoform	12.209	173	92521	54.605	ug/l #	98
73) Isopropylbenzene	12.331	105	544360	48.099	ug/l	100
74) N-amyl acetate	12.142	43	178875	49.875	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	128181	50.687	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	94804m	48.707	ug/l	
77) Bromobenzene	12.605	156	142231	47.815	ug/l	98
78) n-propylbenzene	12.672	91	673804	48.744	ug/l	99
79) 2-Chlorotoluene	12.758	91	382052	48.033	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	470279	48.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	44787	49.739	ug/l	98
82) 4-Chlorotoluene	12.855	91	410174	48.663	ug/l	99
83) tert-Butylbenzene	13.075	119	405315	49.218	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	473078	49.317	ug/l	100
85) sec-Butylbenzene	13.251	105	586343	48.974	ug/l	100
86) p-Isopropyltoluene	13.367	119	496861	48.490	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	275569	48.521	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	275095	48.075	ug/l	100
89) n-Butylbenzene	13.696	91	463690	48.790	ug/l	99
90) Hexachloroethane	13.959	117	99478	48.721	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	252272	49.457	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23870	49.566	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	159174	49.260	ug/l	98
94) Hexachlorobutadiene	15.111	225	94905	50.873	ug/l	97
95) Naphthalene	15.233	128	332582	50.708	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	144802	49.592	ug/l	100

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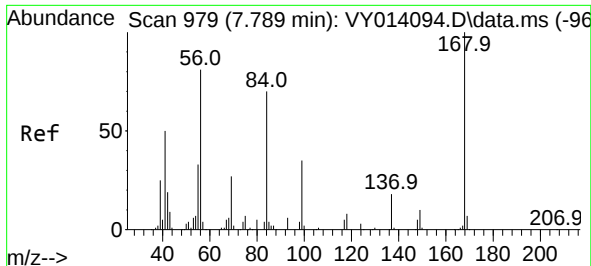
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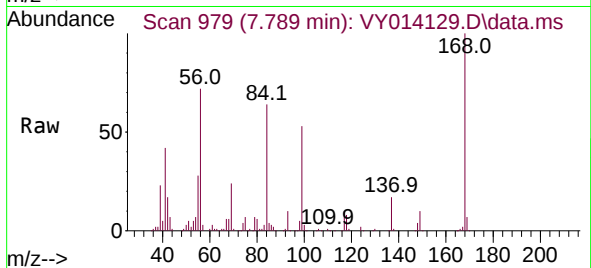
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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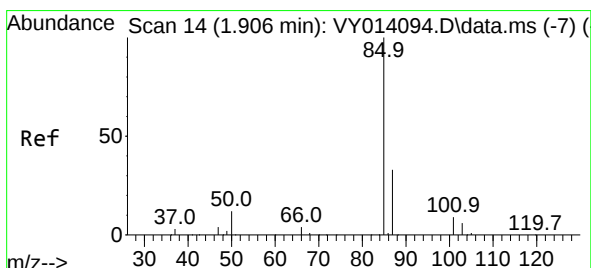
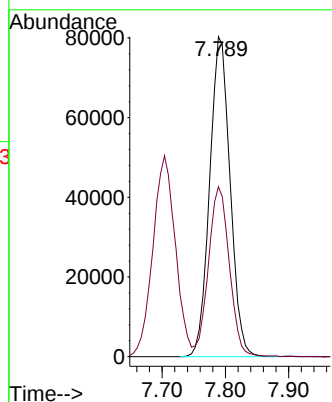
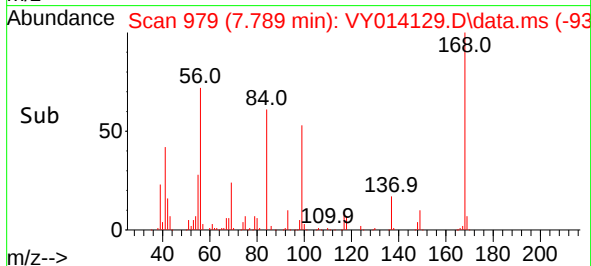
Instrument :
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Tgt Ion:168 Resp: 180180
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0

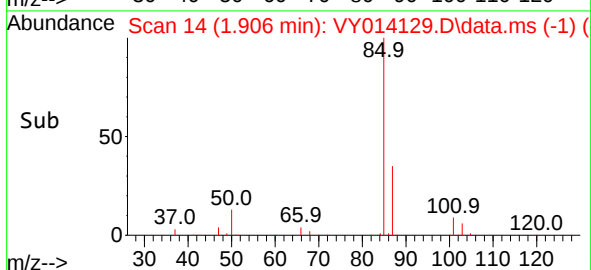
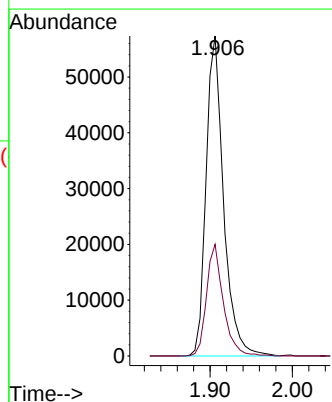
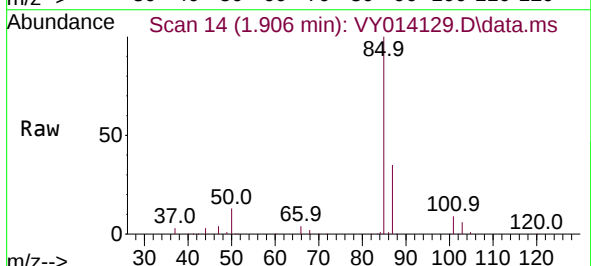
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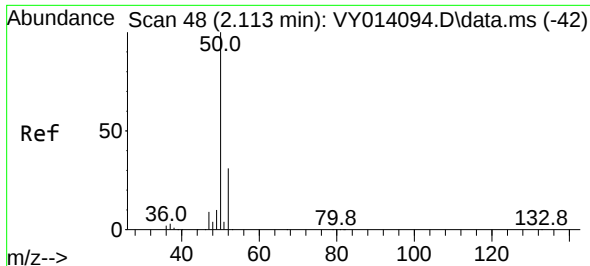
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#2
Dichlorodifluoromethane
Concen: 42.212 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

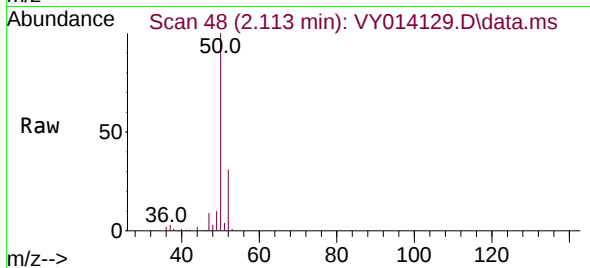
Tgt Ion: 85 Resp: 84767
Ion Ratio Lower Upper
85 100
87 34.9 15.6 46.8





#3
Chloromethane
Concen: 39.155 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

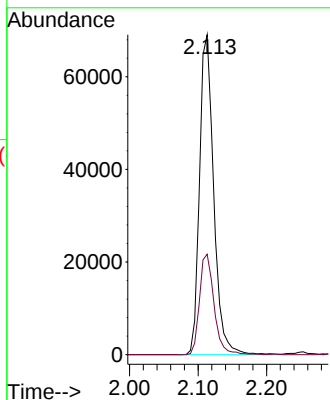
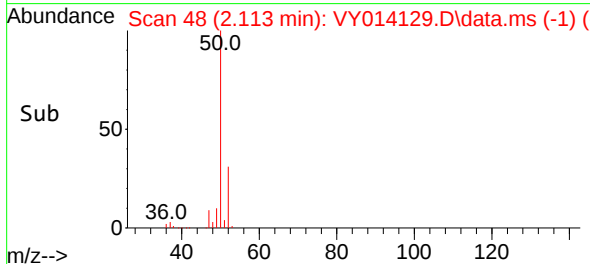
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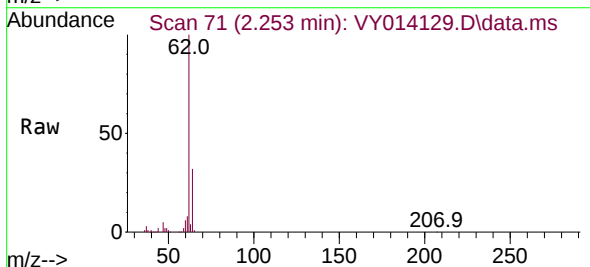
Tgt Ion: 50 Resp: 99699
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2

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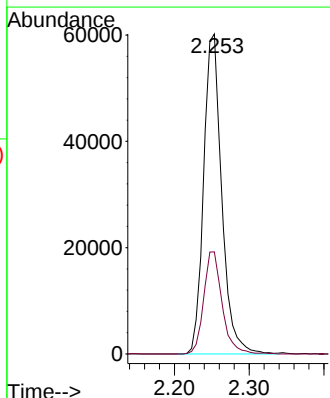
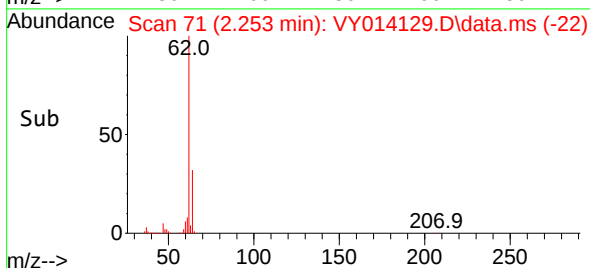
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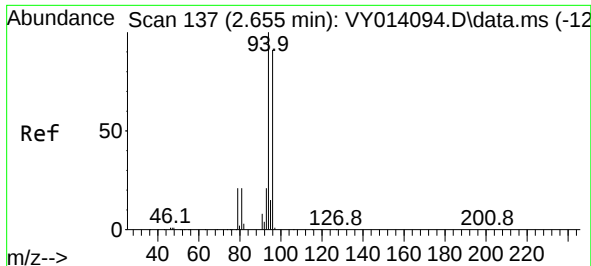


#4
Vinyl Chloride
Concen: 40.962 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014129.D
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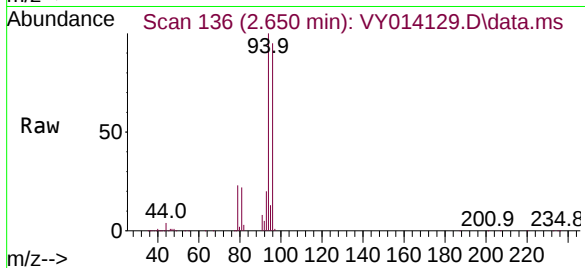
Tgt Ion: 62 Resp: 101404
Ion Ratio Lower Upper
62 100
64 31.9 24.3 36.5





#5
Bromomethane
Concen: 42.698 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

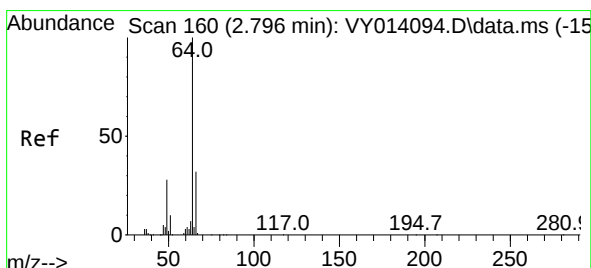
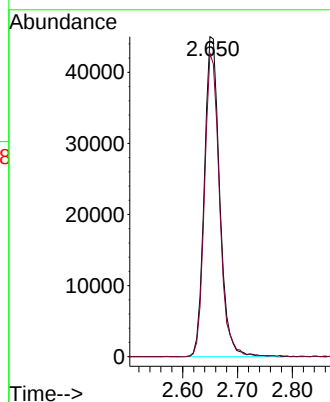
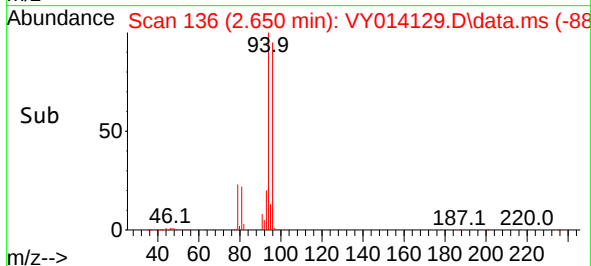
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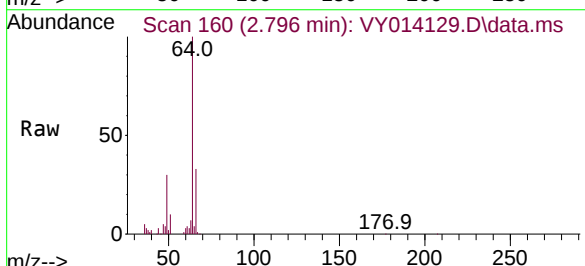
Tgt Ion: 94 Resp: 87214
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6

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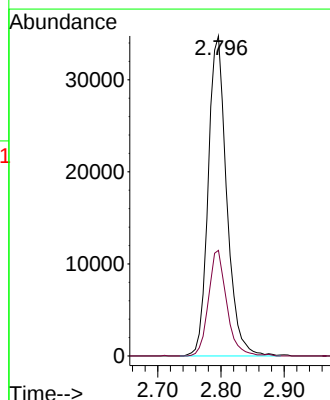
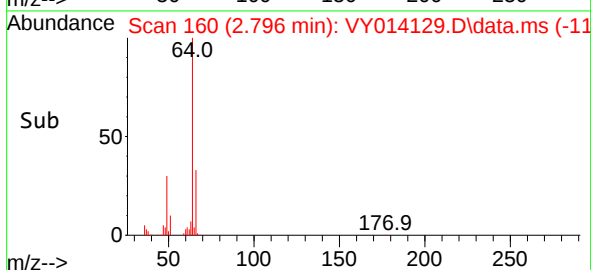
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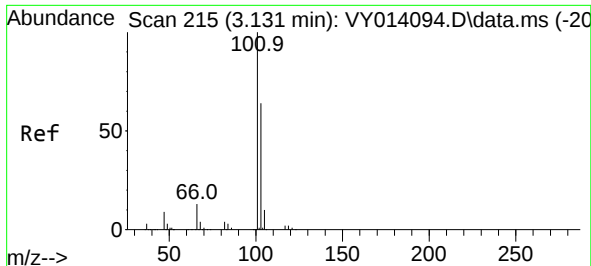


#6
Chloroethane
Concen: 41.995 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



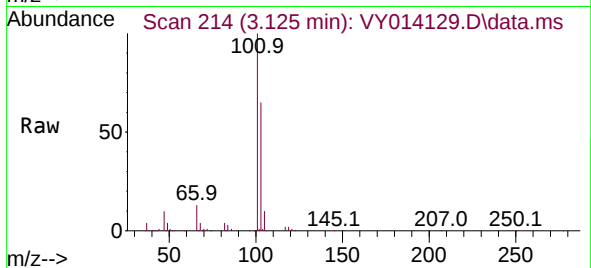
Tgt Ion: 64 Resp: 70644
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6





#7
Trichlorofluoromethane
Concen: 46.838 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014129.D
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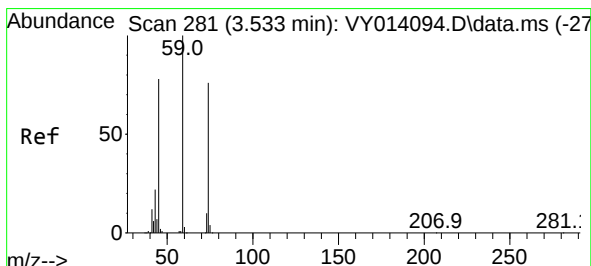
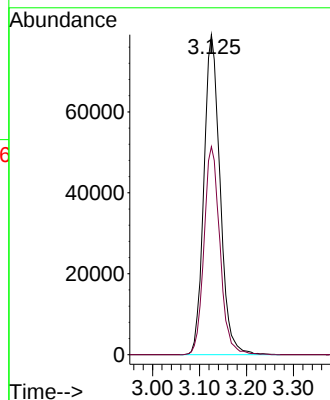
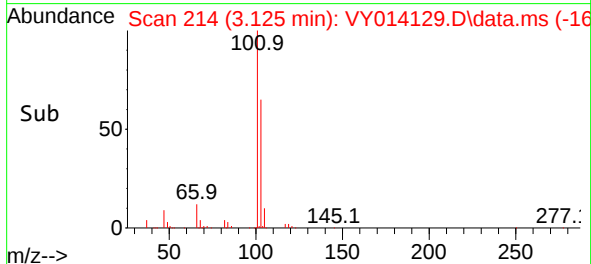
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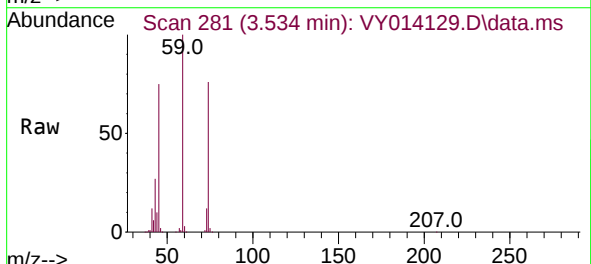
Tgt Ion:101 Resp: 188372
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

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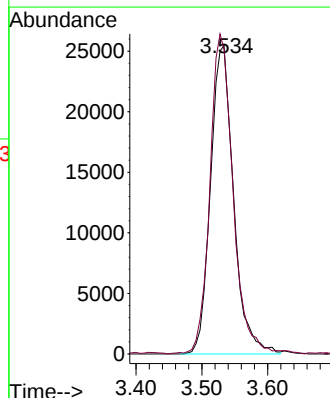
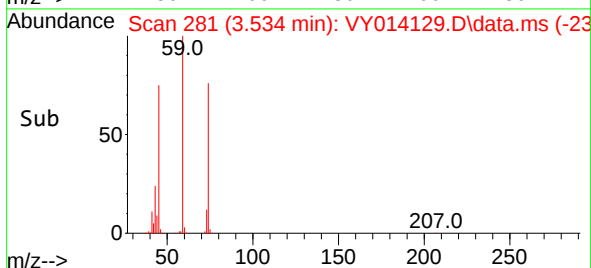
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#8
Diethyl Ether
Concen: 46.306 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 62185
Ion Ratio Lower Upper
74 100
45 104.2 51.5 154.5





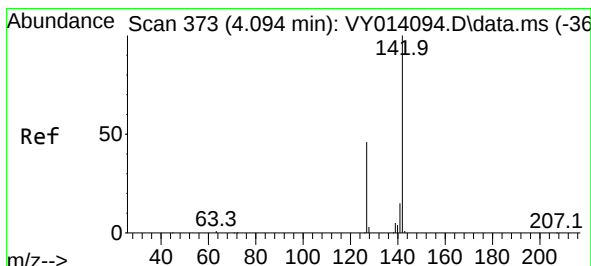
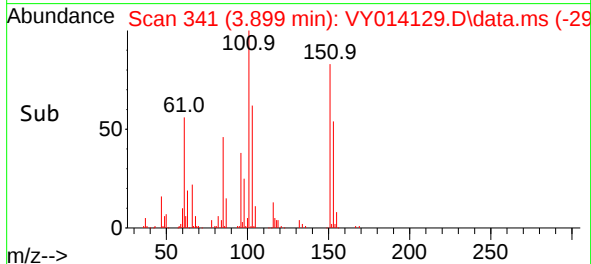
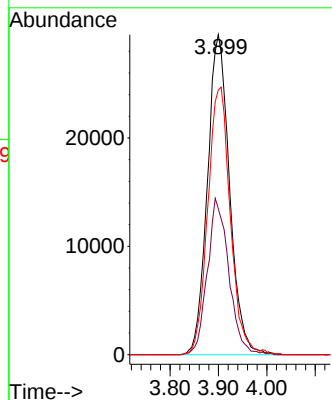
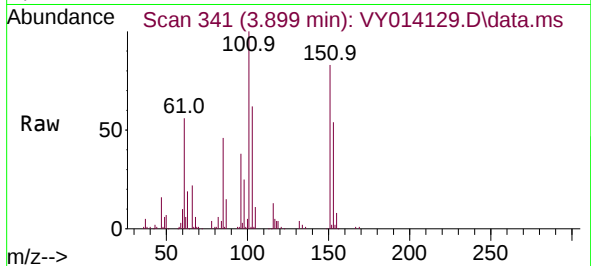
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1,1,2-Trichlorotrifluoroethane
Concen: 46.274 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014129.D
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Tgt Ion:101 Resp: 93924
Ion Ratio Lower Upper
101 100
85 47.4 36.6 55.0
151 85.2 67.0 100.6

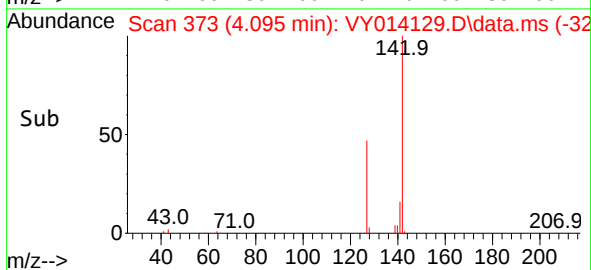
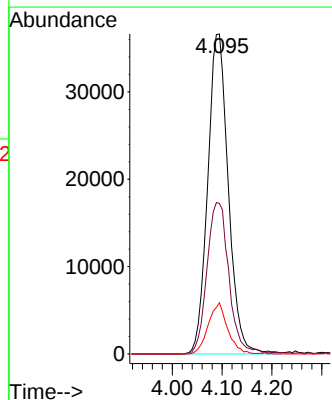
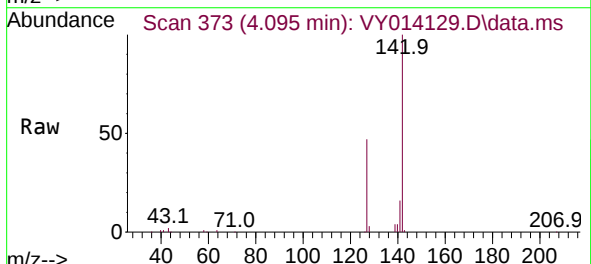
Manual Integrations
APPROVED

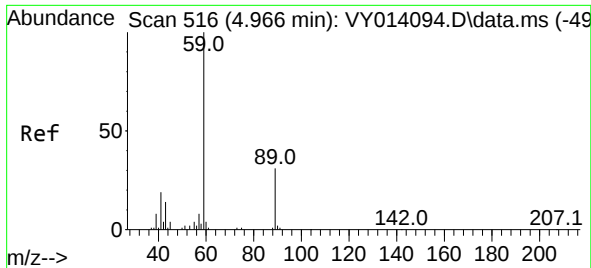
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#10
Methyl Iodide
Concen: 39.309 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion:142 Resp: 105355
Ion Ratio Lower Upper
142 100
127 50.1 37.6 56.4
141 15.0 11.8 17.8





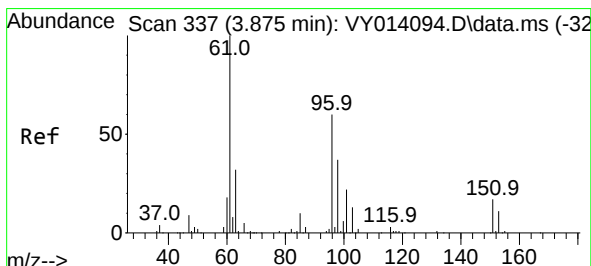
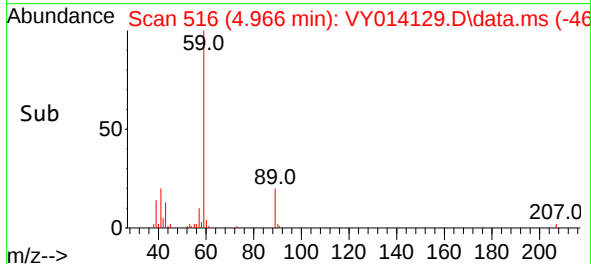
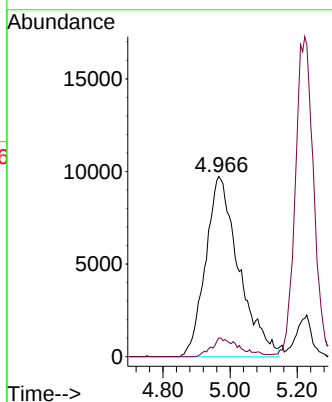
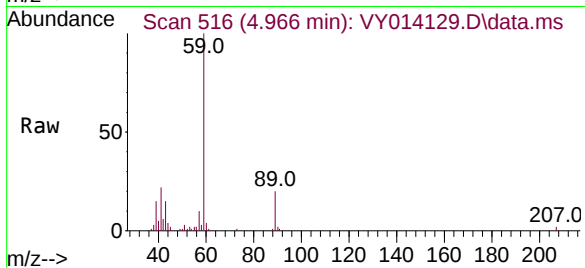
#11
Tert butyl alcohol
Concen: 228.037 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 66762
Ion Ratio Lower Upper
59 100
57 7.6 3.0 4.4

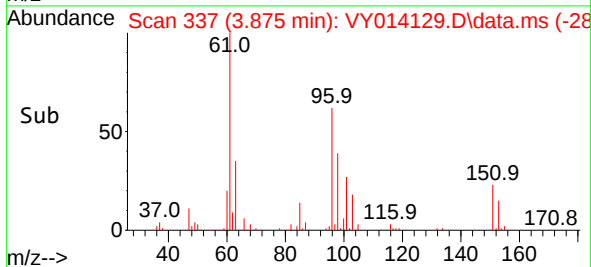
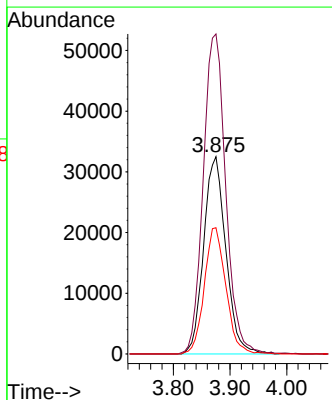
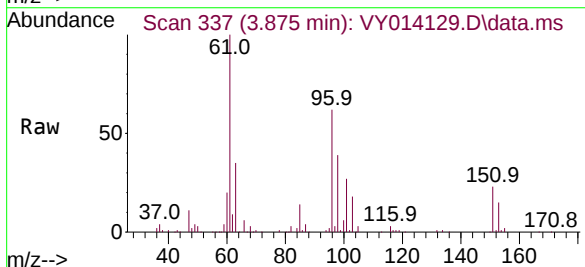
Manual Integrations
APPROVED

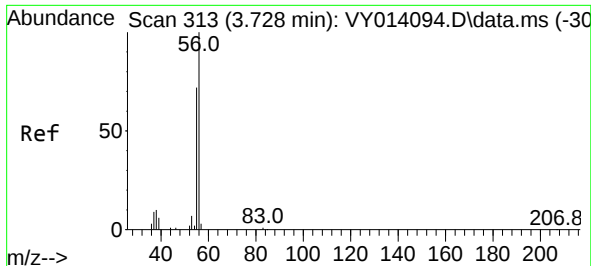
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#12
1,1-Dichloroethene
Concen: 43.036 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

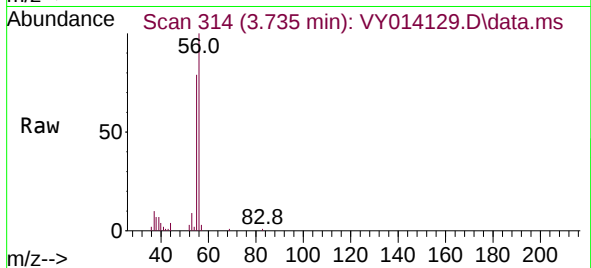
Tgt Ion: 96 Resp: 88538
Ion Ratio Lower Upper
96 100
61 162.2 136.4 204.6
98 64.0 49.4 74.2





#13
Acrolein
Concen: 243.561 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.007 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

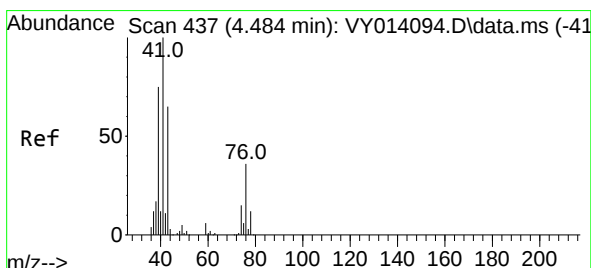
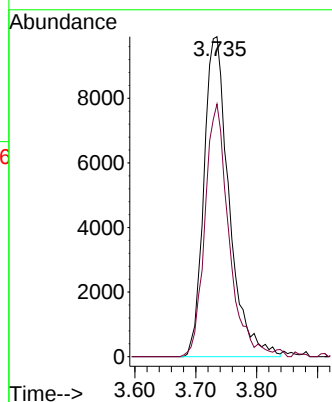
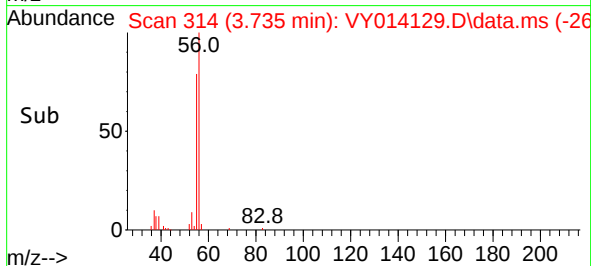
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2844
Ion Ratio Lower Upper
56 100
55 75.1 57.0 85.4

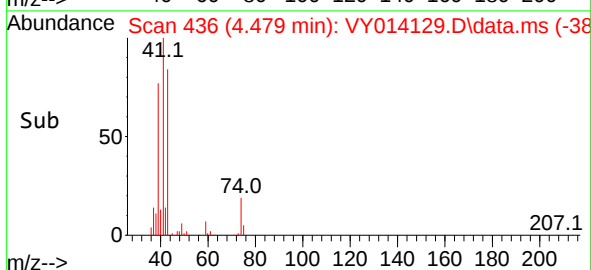
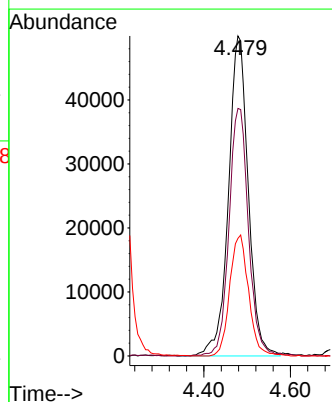
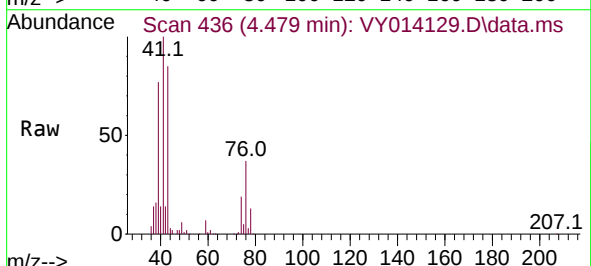
Manual Integrations
APPROVED

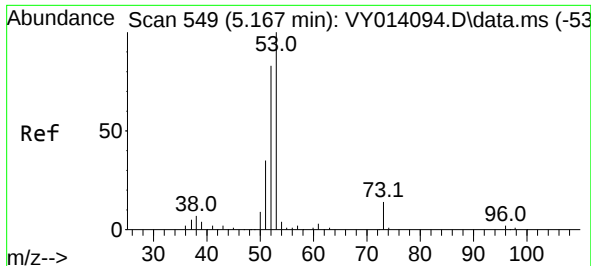
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#14
Allyl chloride
Concen: 42.683 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.005 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

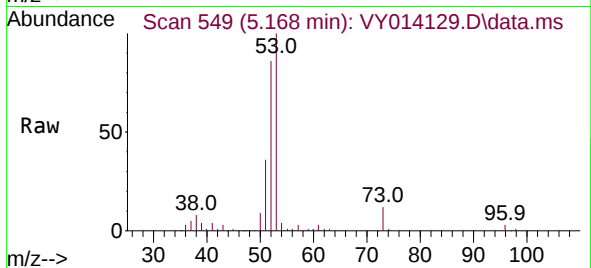
Tgt Ion: 41 Resp: 159174
Ion Ratio Lower Upper
41 100
39 76.0 58.0 87.0
76 36.1 27.4 41.2





#15
Acrylonitrile
Concen: 248.268 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

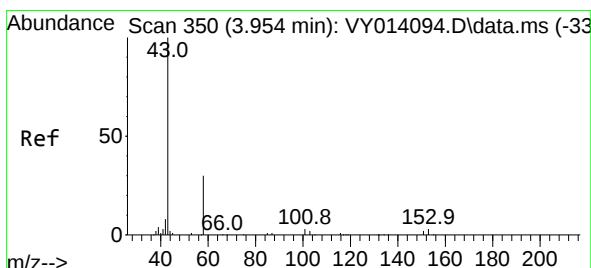
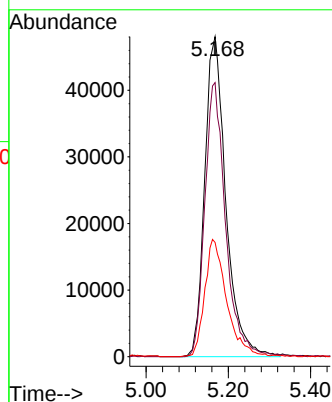
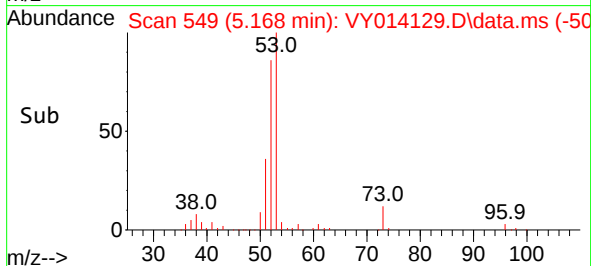
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



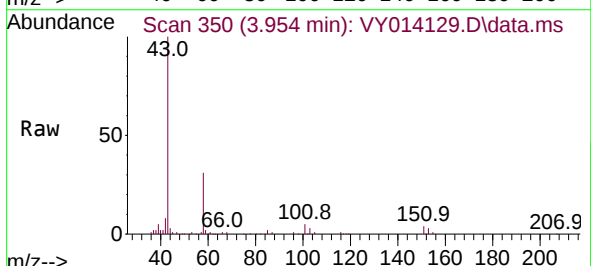
Tgt Ion: 53 Resp: 171969
Ion Ratio Lower Upper
53 100
52 84.0 66.9 100.3
51 38.0 29.8 44.6

Manual Integrations
APPROVED

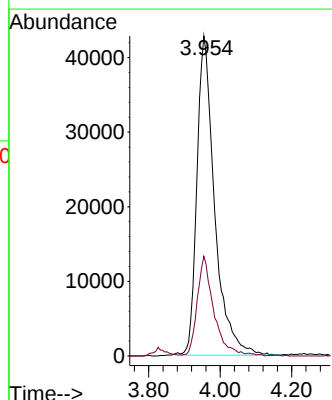
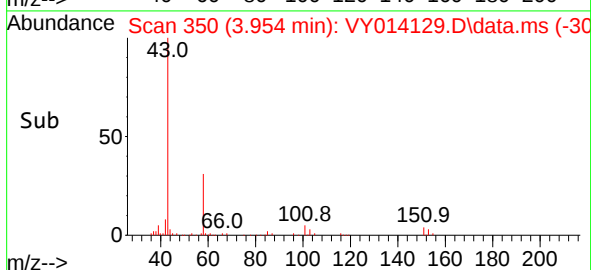
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

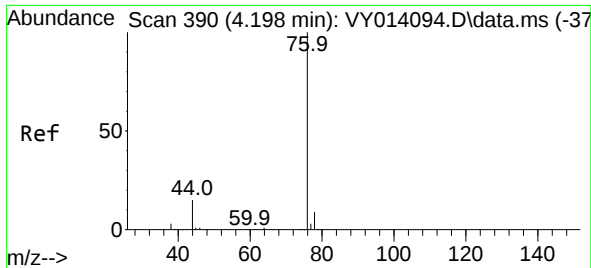


#16
Acetone
Concen: 194.133 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



Tgt Ion: 43 Resp: 146828
Ion Ratio Lower Upper
43 100
58 31.1 22.7 34.1





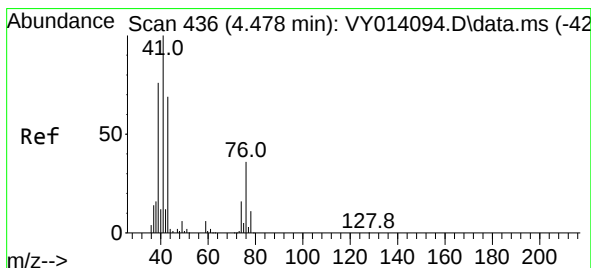
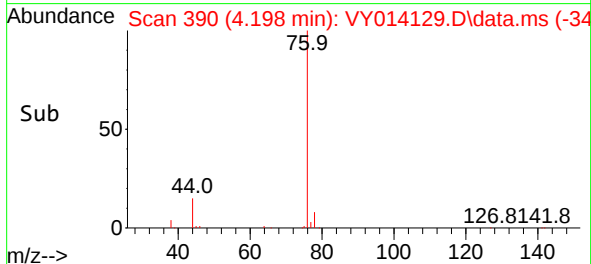
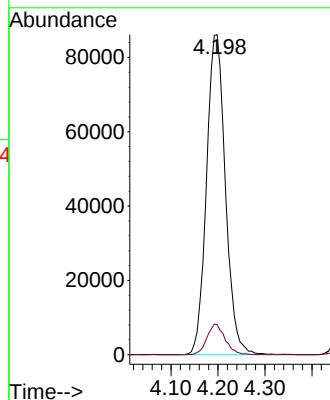
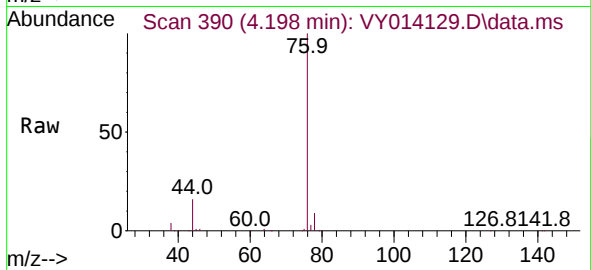
#17
Carbon Disulfide
Concen: 36.100 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 24066
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

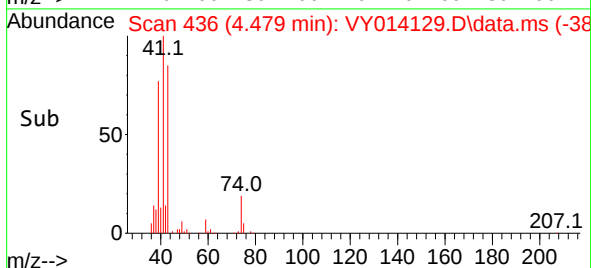
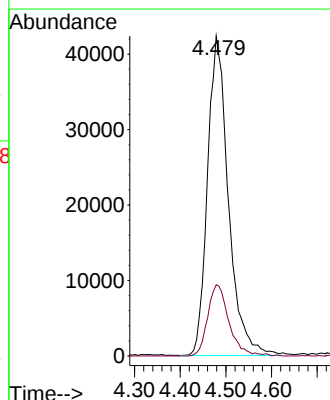
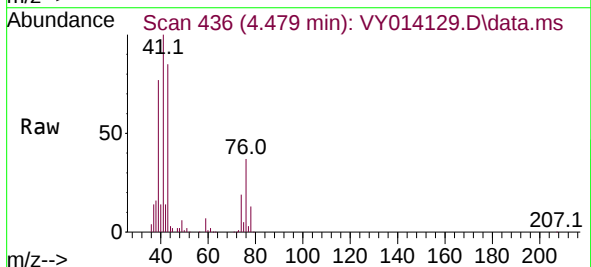
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#18
Methyl Acetate
Concen: 45.848 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

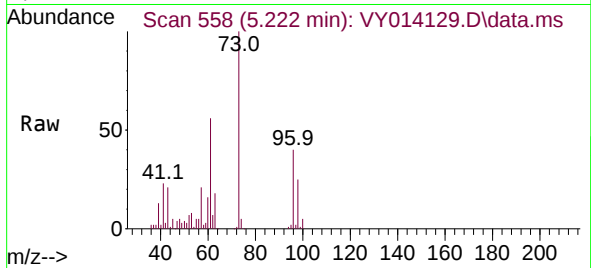
Tgt Ion: 43 Resp: 134596
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 50.020 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

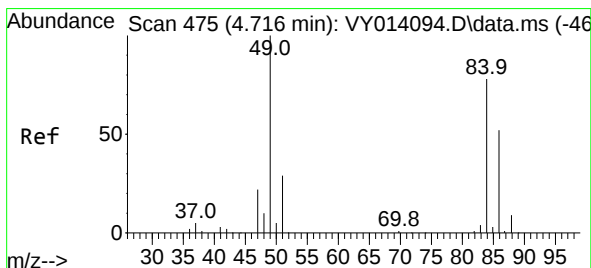
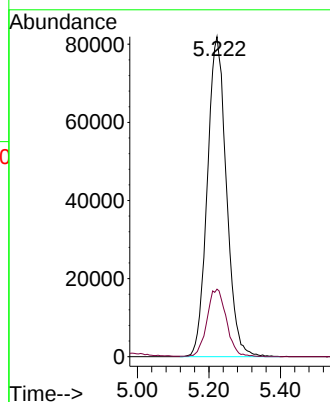
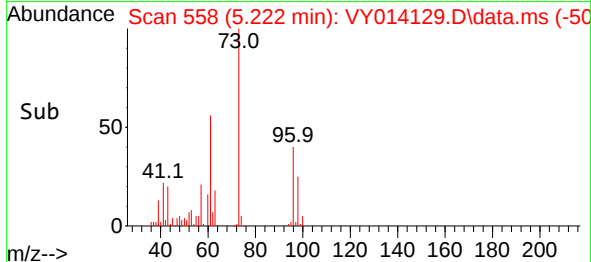
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



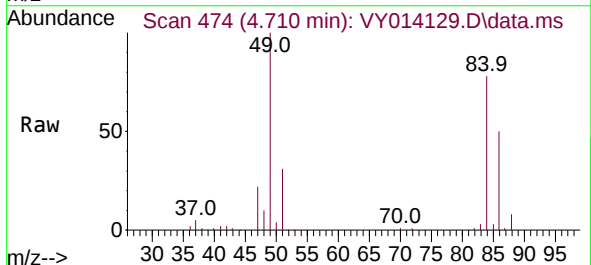
Tgt Ion: 73 Resp: 30350
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

Manual Integrations
APPROVED

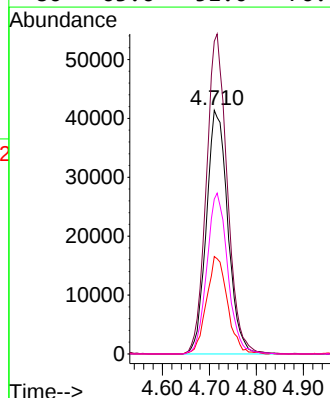
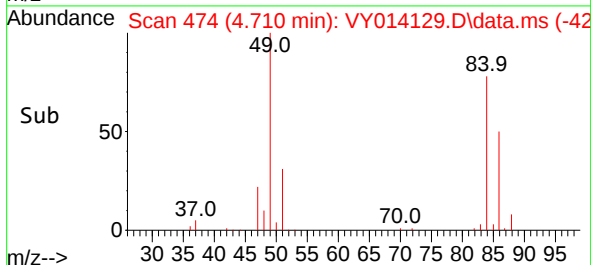
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#20
Methylene Chloride
Concen: 54.760 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



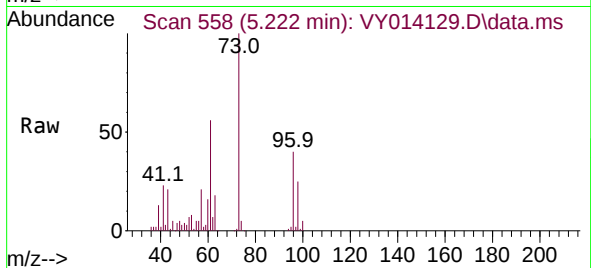
Tgt Ion: 84 Resp: 131399
Ion Ratio Lower Upper
84 100
49 128.3 106.9 160.3
51 40.0 33.2 49.8
86 63.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 44.713 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

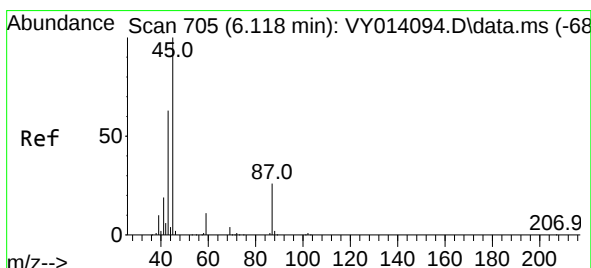
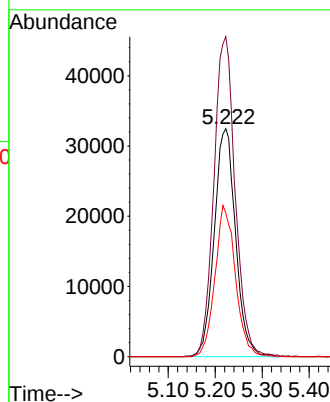
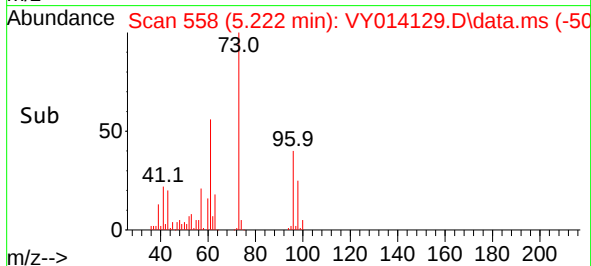
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



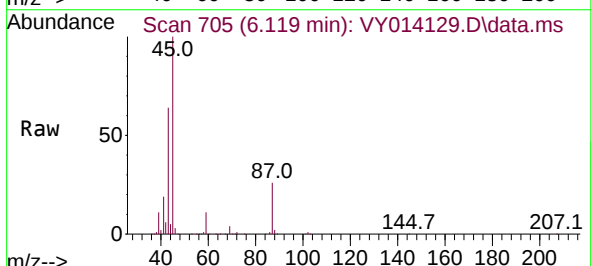
Tgt Ion: 96 Resp: 102599
Ion Ratio Lower Upper
96 100
61 140.4 110.2 165.4
98 63.0 51.8 77.6

Manual Integrations
APPROVED

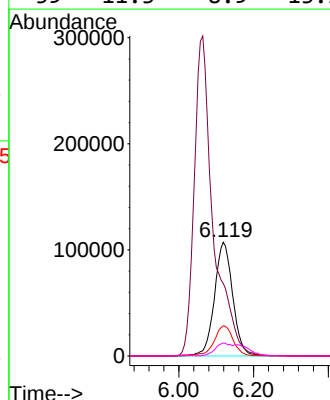
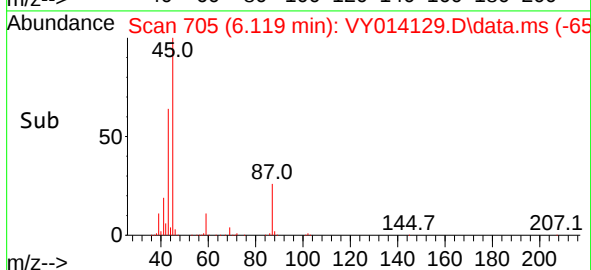
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

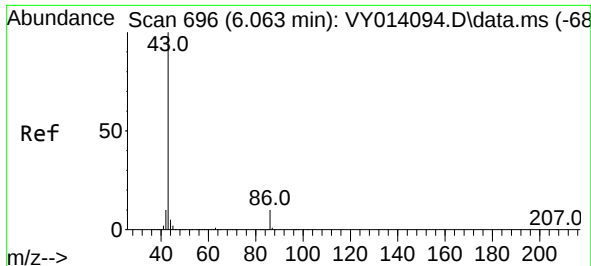


#22
Diisopropyl ether
Concen: 50.799 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



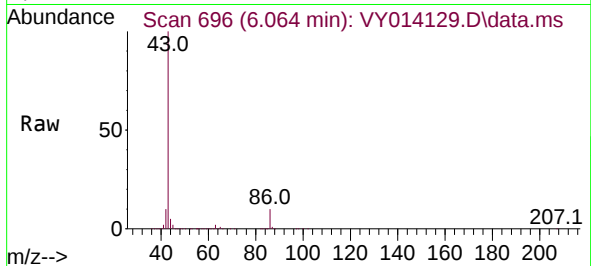
Tgt Ion: 45 Resp: 362713
Ion Ratio Lower Upper
45 100
43 63.3 52.2 78.4
87 26.4 21.0 31.6
59 11.3 8.9 13.3





#23
 Vinyl Acetate
 Concen: 252.522 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39

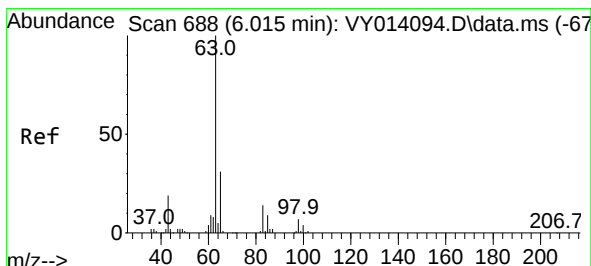
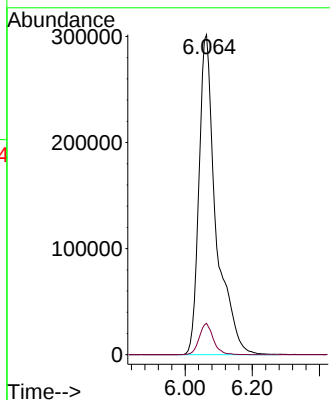
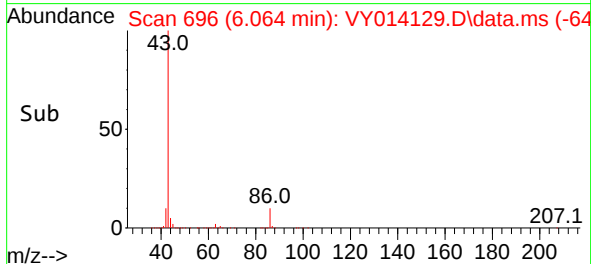
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



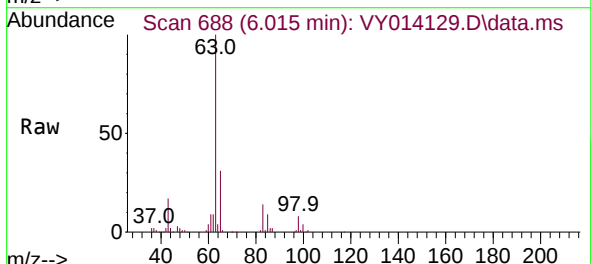
Tgt Ion: 43 Resp: 106383
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3

Manual Integrations
 APPROVED

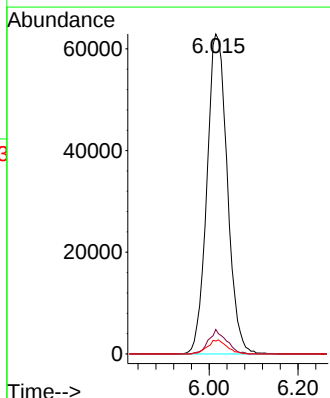
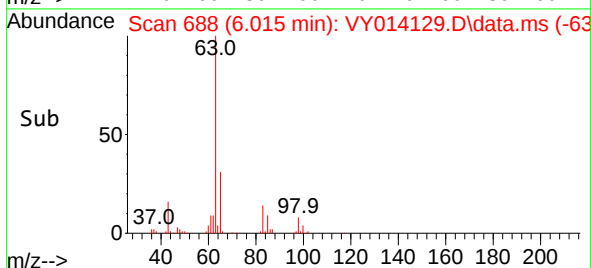
Reviewed By :Krupa Patel 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023

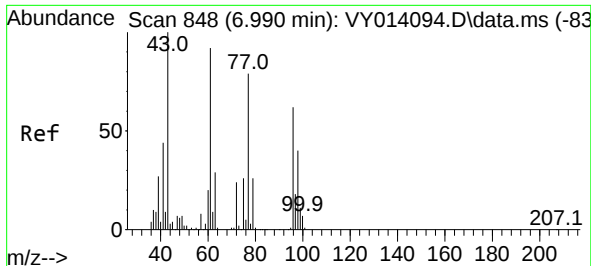


#24
 1,1-Dichloroethane
 Concen: 48.668 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39



Tgt Ion: 63 Resp: 200357
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.1 1.8 5.5





#25

2-Butanone

Concen: 238.854 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 222374

Ion Ratio Lower Upper

43 100

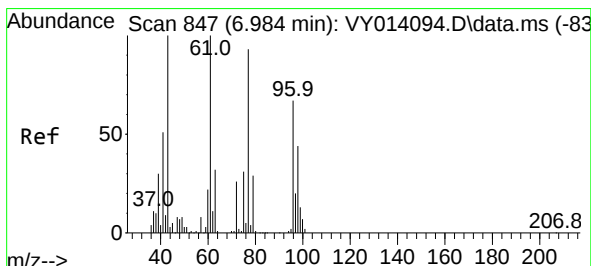
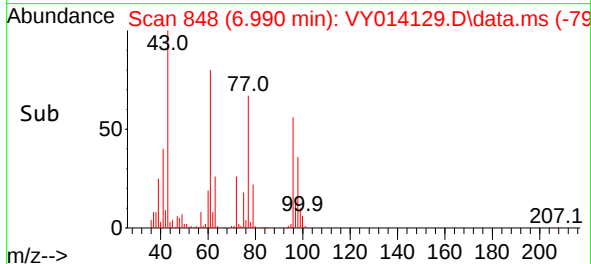
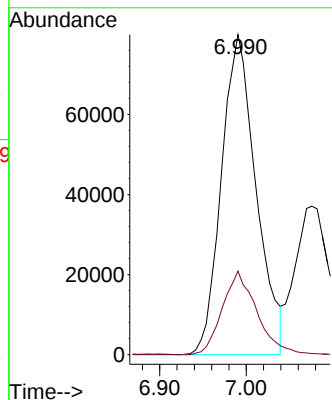
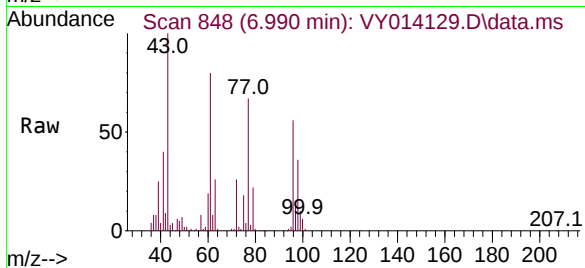
72 26.1 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#26

2,2-Dichloropropane

Concen: 45.688 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014129.D

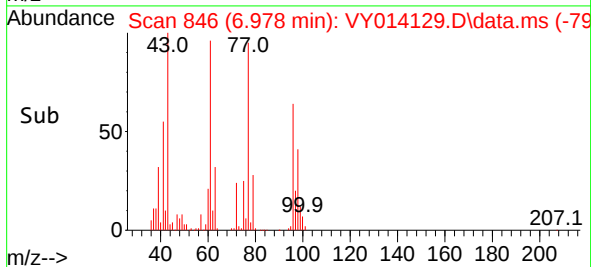
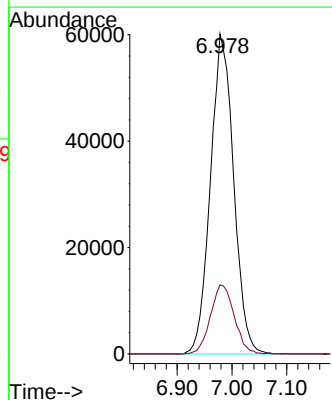
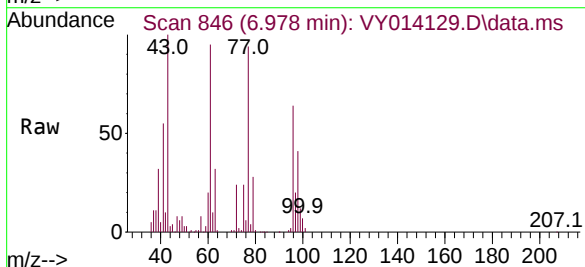
Acq: 12 Jun 2023 18:39

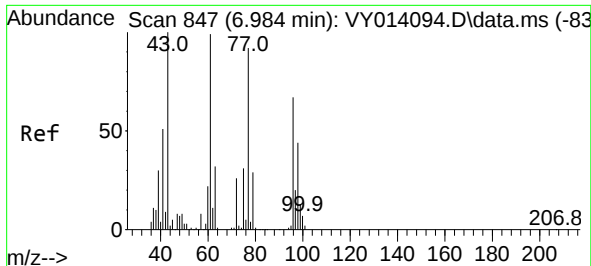
Tgt Ion: 77 Resp: 176658

Ion Ratio Lower Upper

77 100

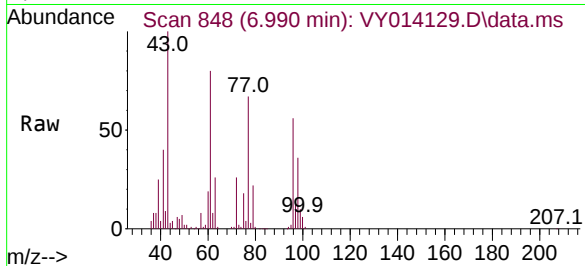
97 22.2 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 48.294 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39

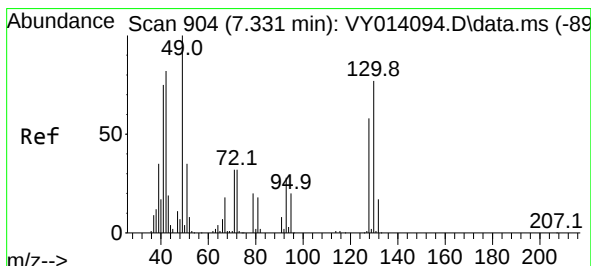
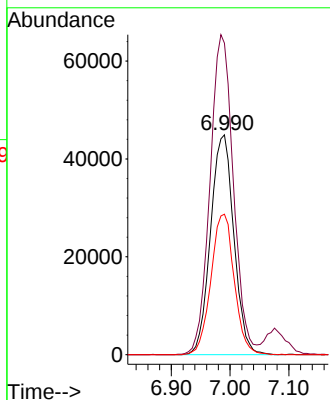
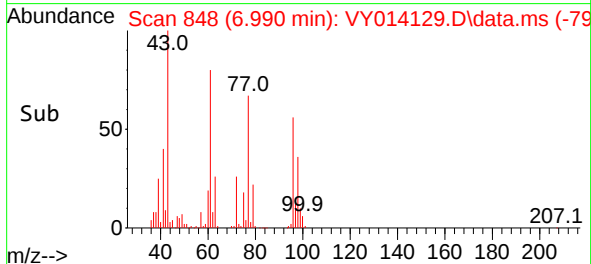
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



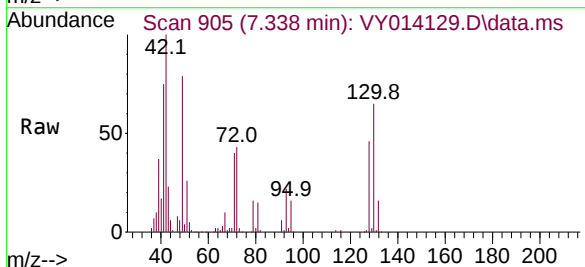
Tgt Ion: 96 Resp: 123960
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 301.4
 98 63.8 0.0 130.4

Manual Integrations
 APPROVED

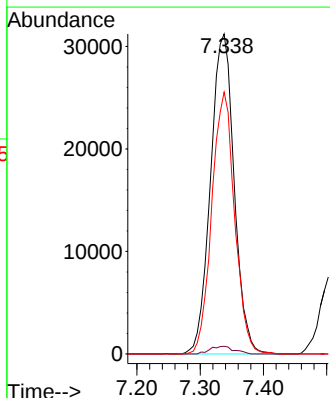
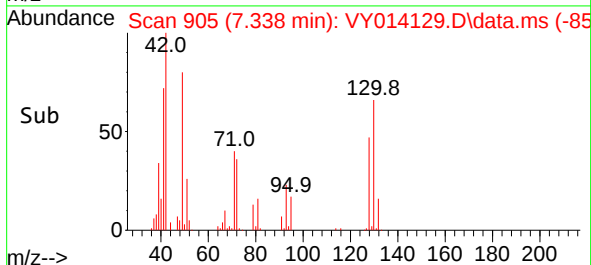
Reviewed By :Krupa Patel 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023

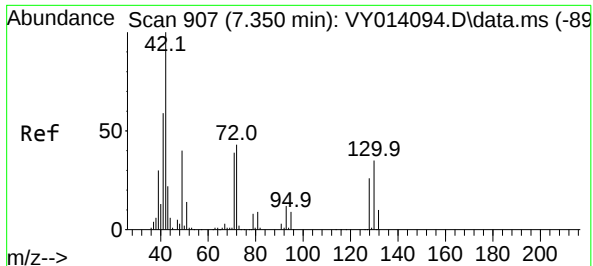


#28
 Bromochloromethane
 Concen: 48.289 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.007 min
 Lab File: VY014129.D
 Acq: 12 Jun 2023 18:39



Tgt Ion: 49 Resp: 80843
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 79.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 248.719 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 146834

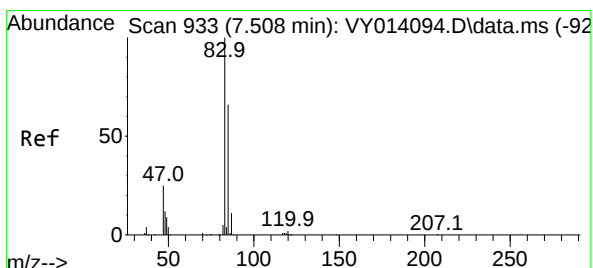
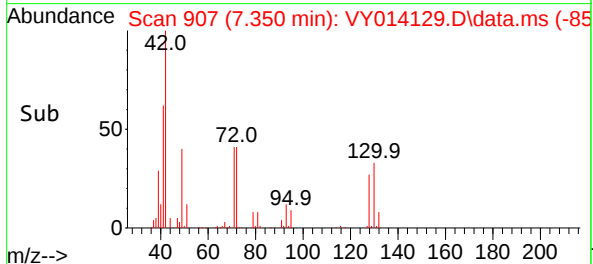
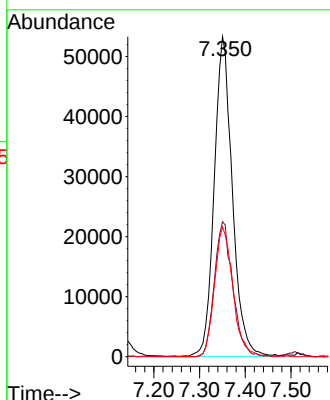
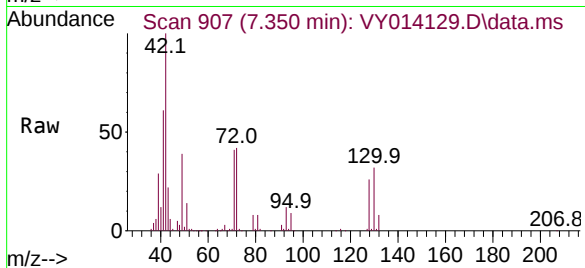
Ion	Ratio	Lower	Upper
42	100		
72	43.0	32.8	49.2
71	41.1	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#30

Chloroform

Concen: 50.987 ug/l

RT: 7.509 min Scan# 933

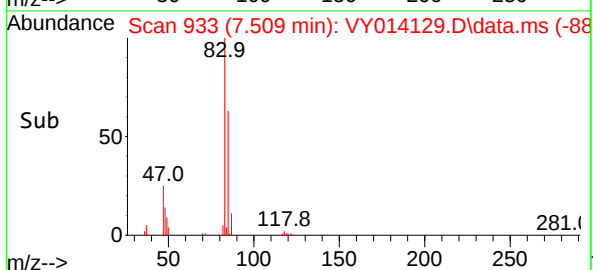
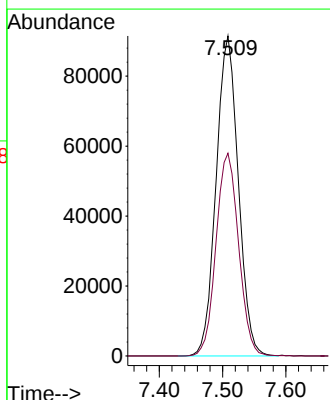
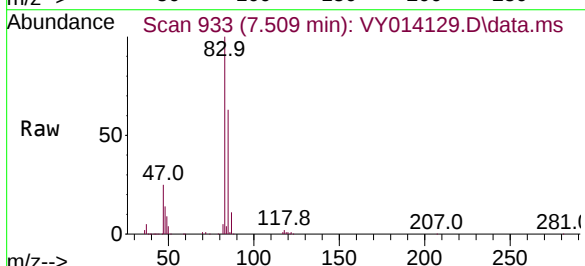
Delta R.T. 0.001 min

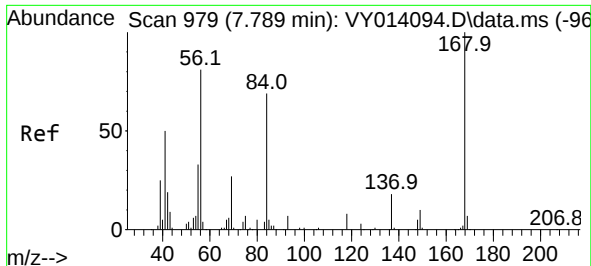
Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Tgt Ion: 83 Resp: 222684

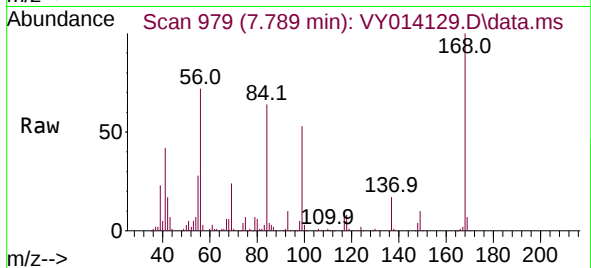
Ion	Ratio	Lower	Upper
83	100		
85	63.4	49.7	74.5





#31
Cyclohexane
Concen: 42.826 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

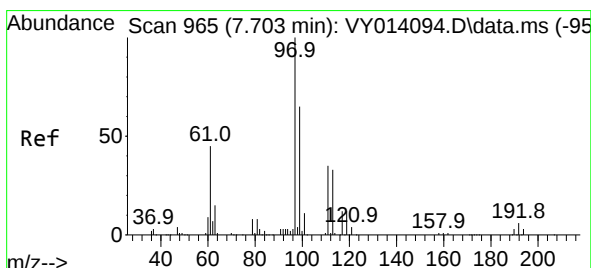
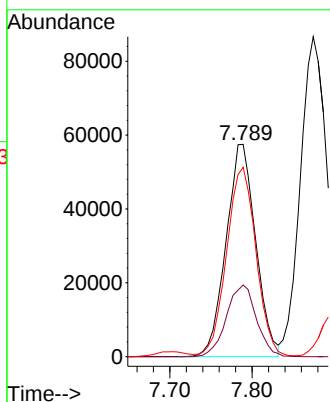
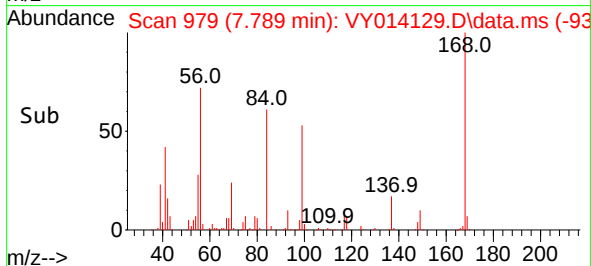
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



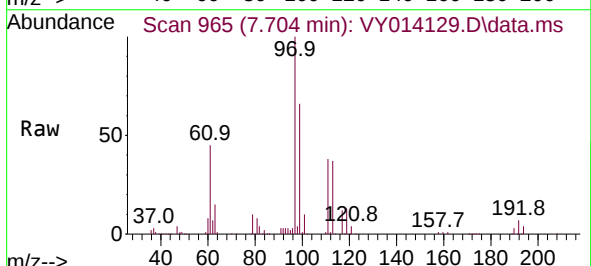
Tgt Ion: 56 Resp: 143948
Ion Ratio Lower Upper
56 100
69 33.8 27.8 41.6
84 87.0 66.4 99.6

Manual Integrations
APPROVED

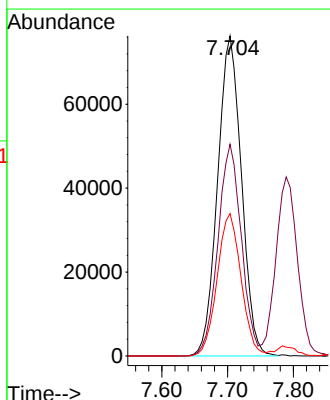
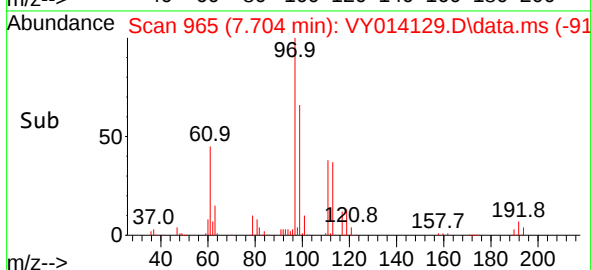
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

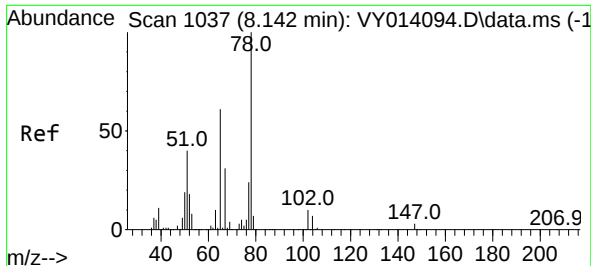


#32
1,1,1-Trichloroethane
Concen: 48.883 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



Tgt Ion: 97 Resp: 192556
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 44.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.563 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 121850

Ion Ratio Lower Upper

65 100

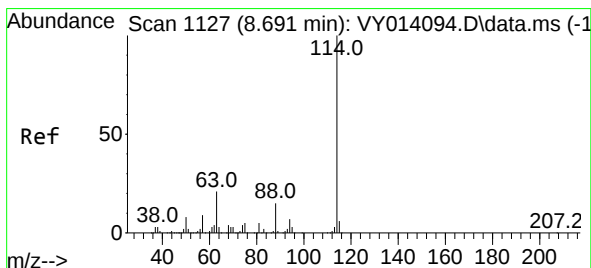
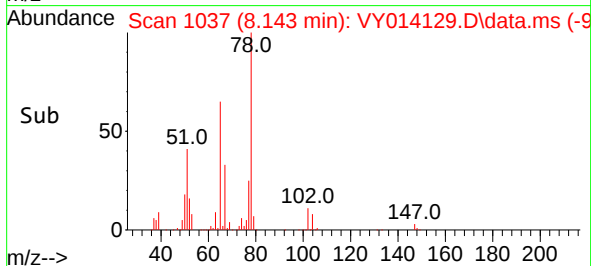
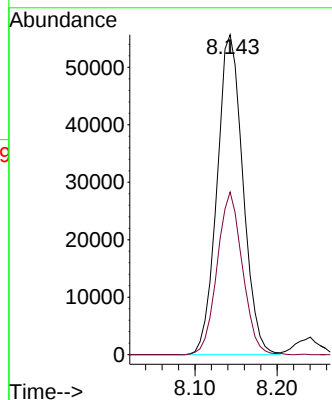
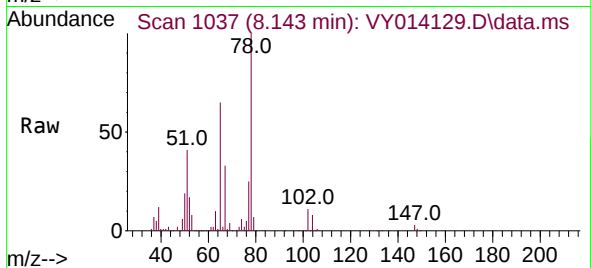
67 49.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

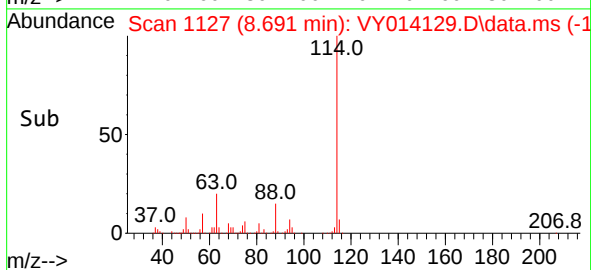
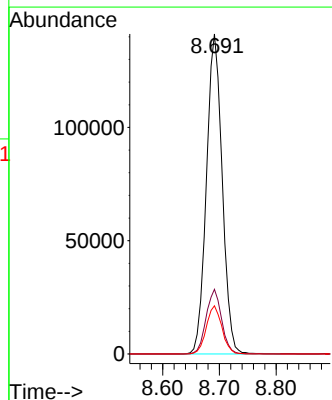
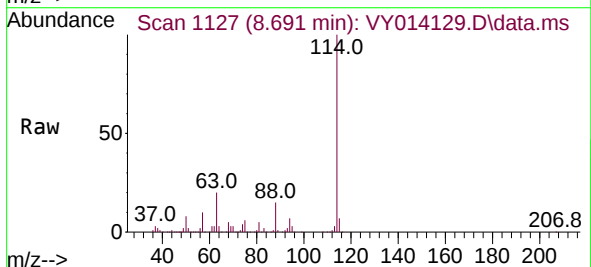
Tgt Ion:114 Resp: 272880

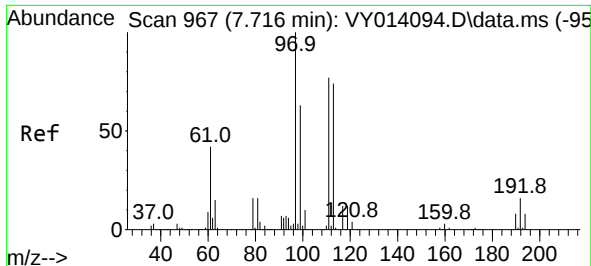
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

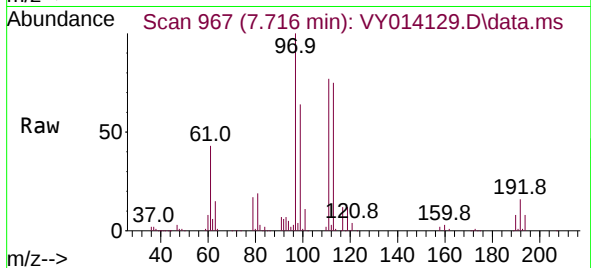
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.844 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

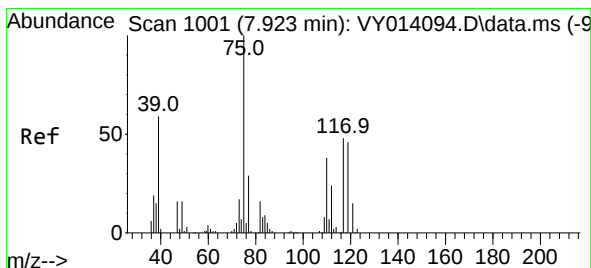
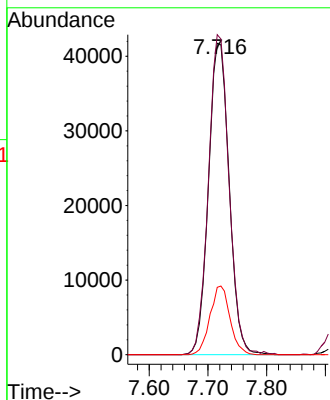
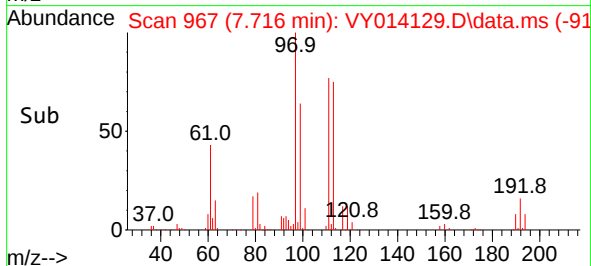
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 102264
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 21.3 16.9 25.3

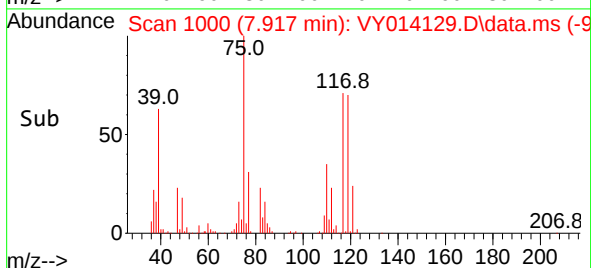
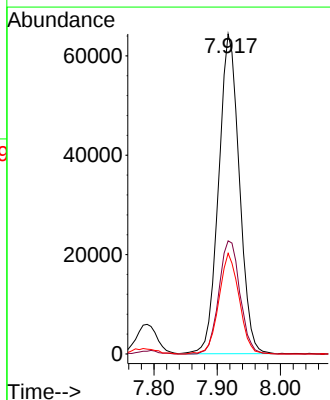
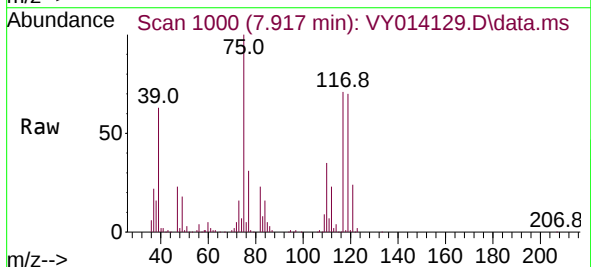
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#36
1,1-Dichloropropene
Concen: 48.414 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

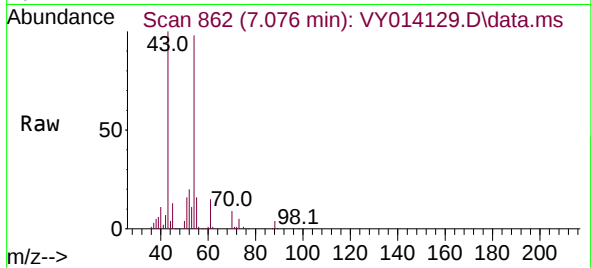
Tgt Ion: 75 Resp: 146066
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 51.802 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

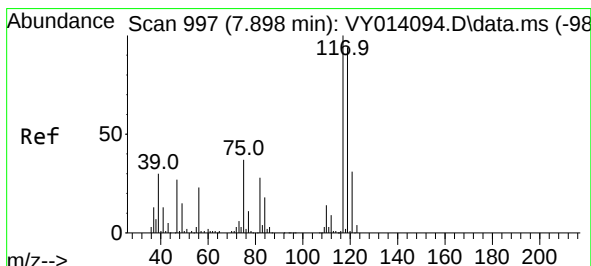
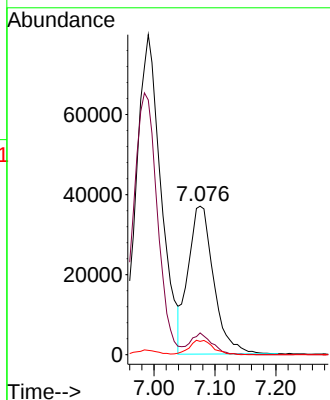
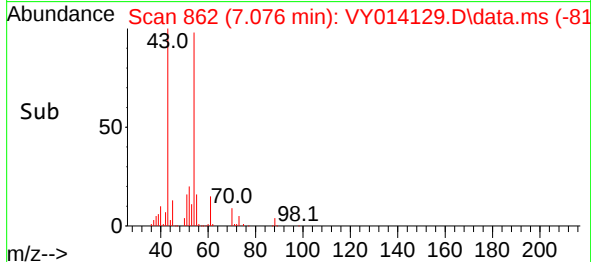
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 107835
Ion Ratio Lower Upper
43 100
61 12.5 10.1 15.1
70 9.0 7.1 10.7

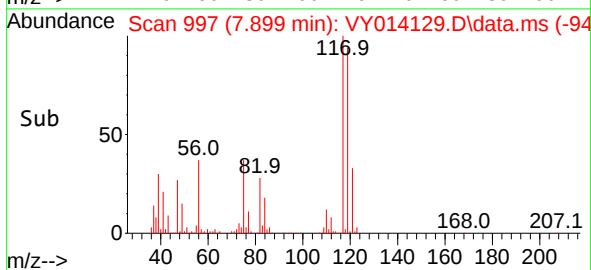
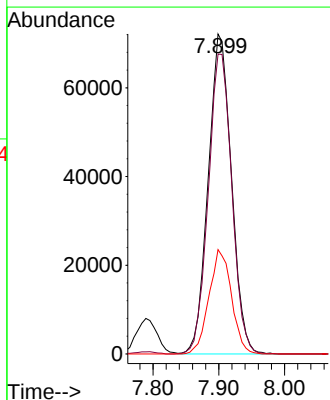
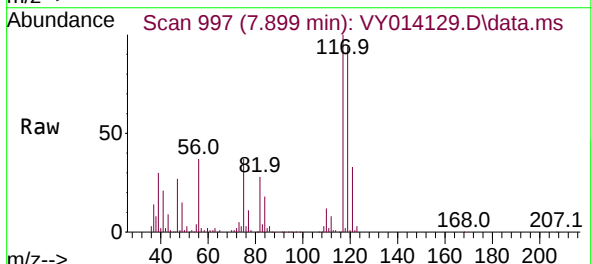
Manual Integrations
APPROVED

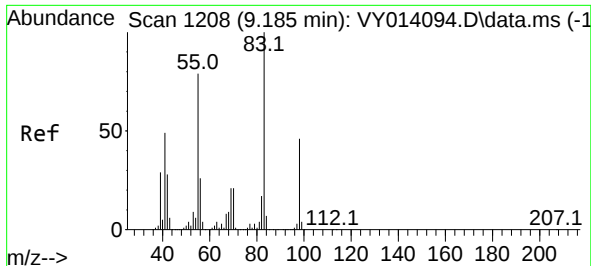
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#38
Carbon Tetrachloride
Concen: 50.988 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

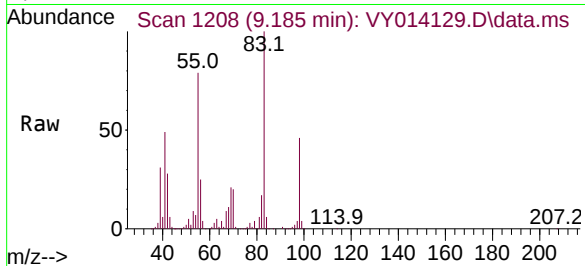
Tgt Ion:117 Resp: 177517
Ion Ratio Lower Upper
117 100
119 93.7 76.4 114.6
121 32.6 25.8 38.6





#39
Methylcyclohexane
Concen: 47.035 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

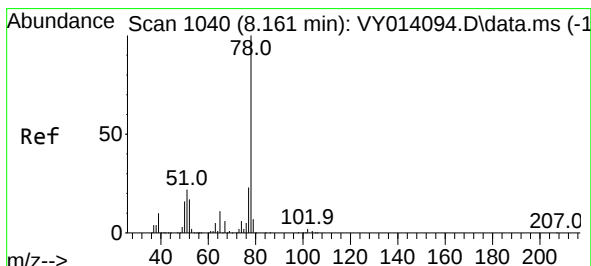
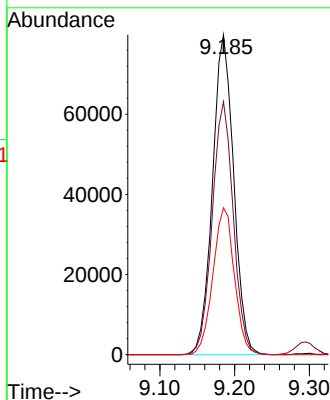
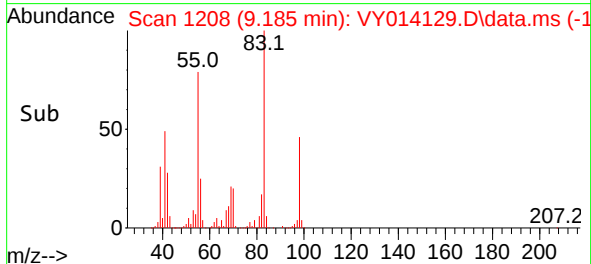
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 15744
Ion Ratio Lower Upper
83 100
55 79.0 63.0 94.4
98 45.9 37.4 56.2

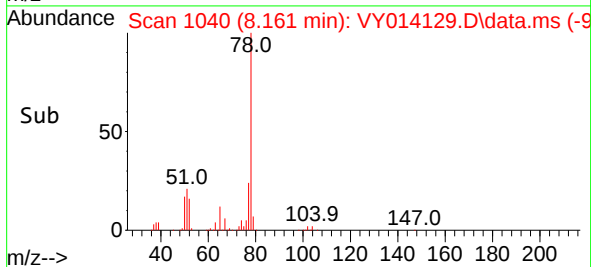
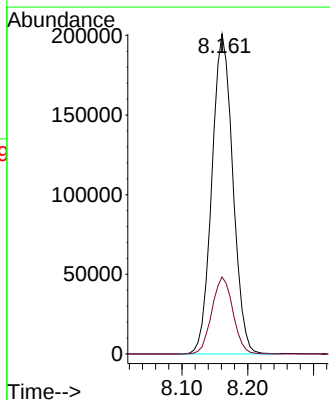
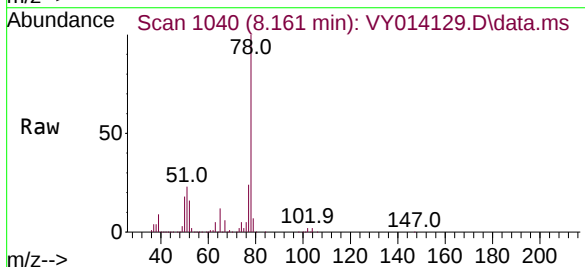
Manual Integrations
APPROVED

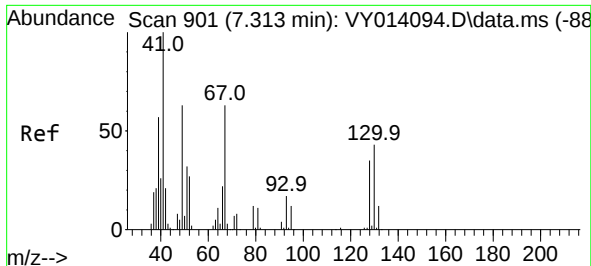
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#40
Benzene
Concen: 49.610 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

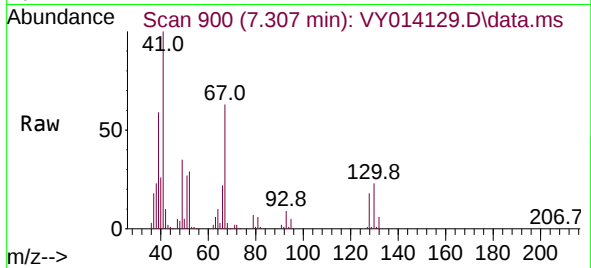
Tgt Ion: 78 Resp: 445073
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 55.993 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

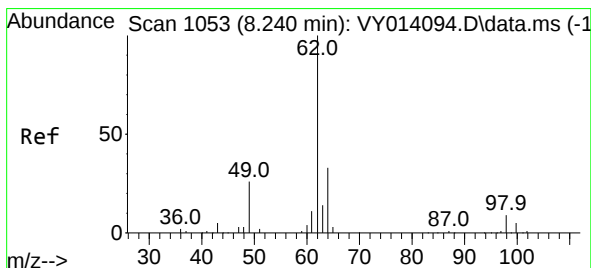
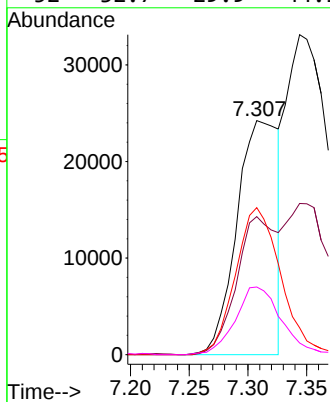
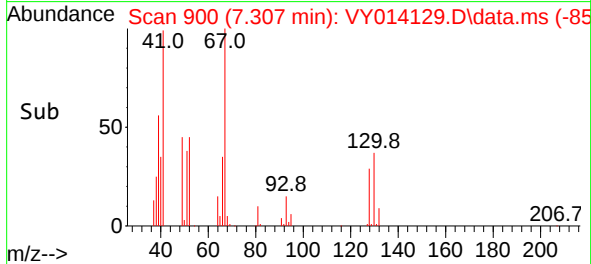
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5948
Ion Ratio Lower Upper
41 100
39 57.0 52.1 78.1
67 68.8 66.2 99.2
52 32.7 29.9 44.9

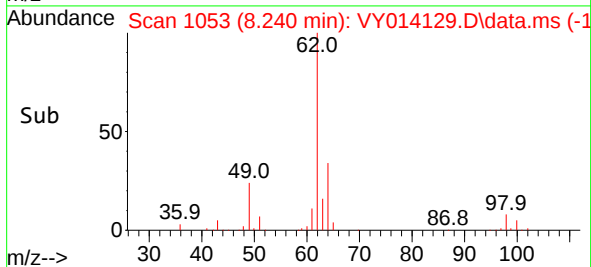
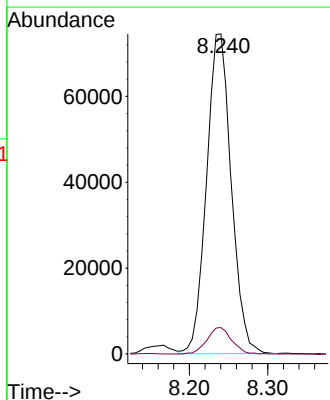
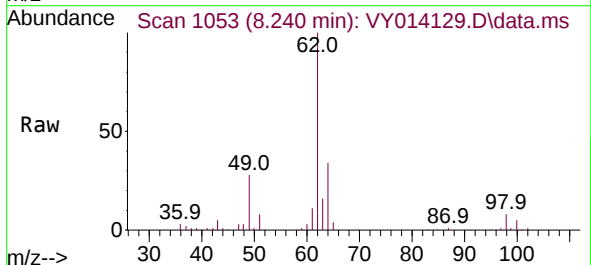
Manual Integrations
APPROVED

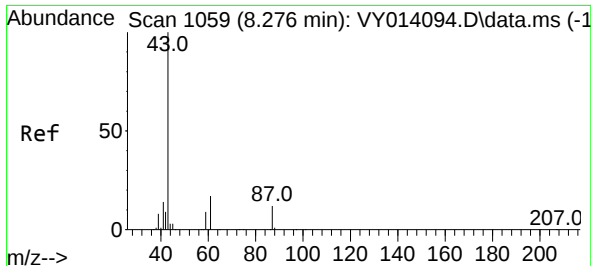
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#42
1,2-Dichloroethane
Concen: 51.483 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

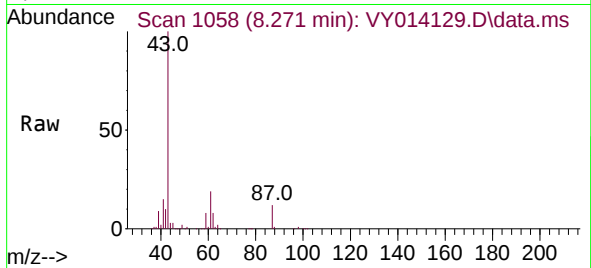
Tgt Ion: 62 Resp: 163329
Ion Ratio Lower Upper
62 100
98 8.2 0.0 15.8





#43
Isopropyl Acetate
Concen: 52.027 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

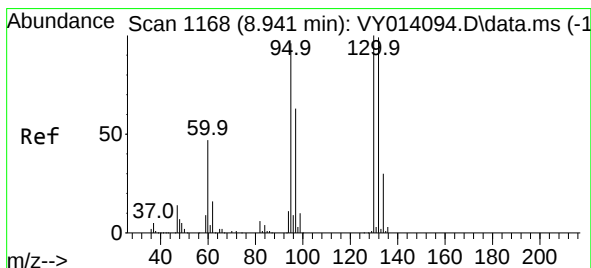
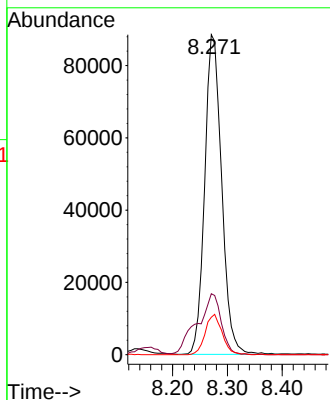
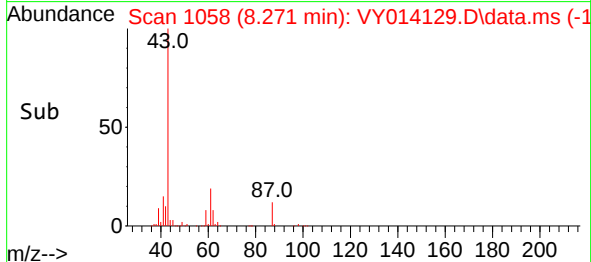
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 18982
Ion Ratio Lower Upper
43 100
61 27.1 21.1 31.7
87 12.6 9.8 14.8

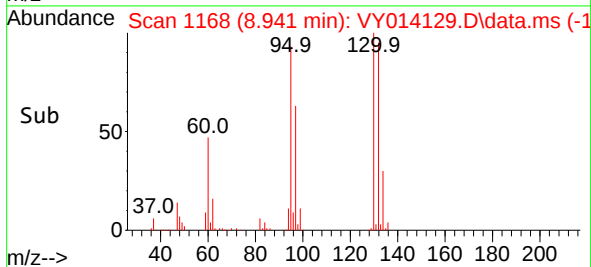
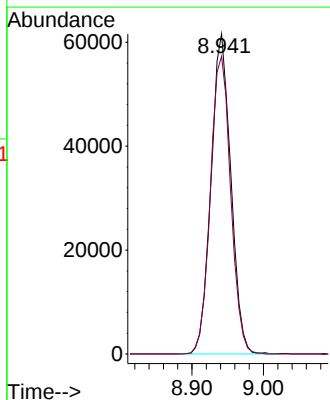
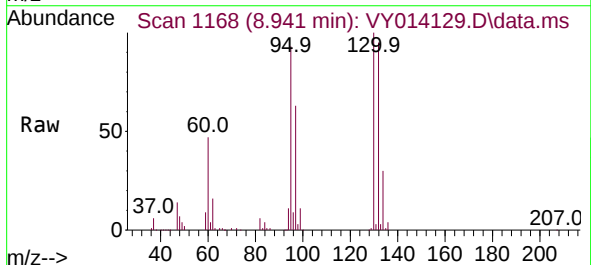
Manual Integrations
APPROVED

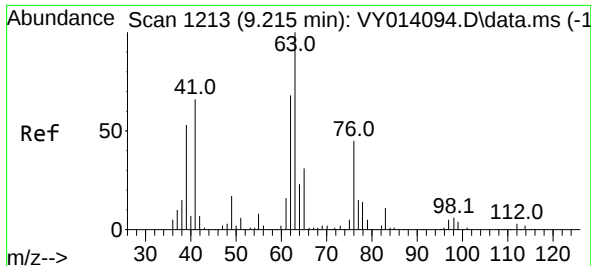
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#44
Trichloroethene
Concen: 49.371 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion:130 Resp: 118339
Ion Ratio Lower Upper
130 100
95 93.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.662 ug/l

RT: 9.216 min Scan# 11772

Delta R.T. 0.001 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11772

Ion Ratio Lower Upper

63 100

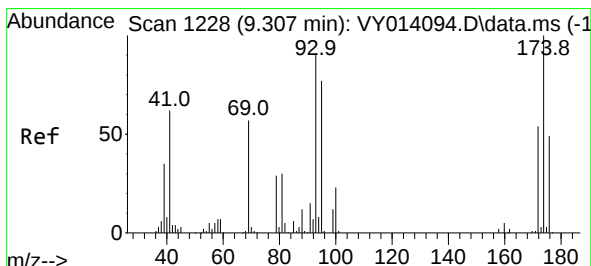
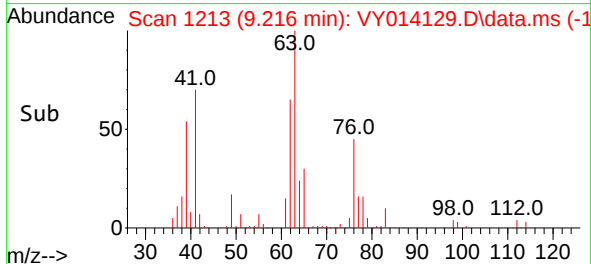
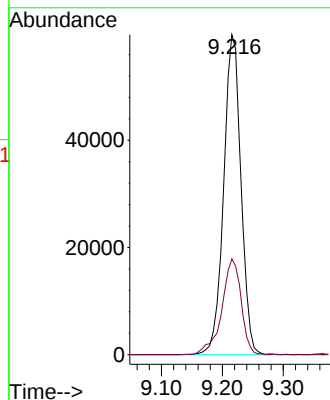
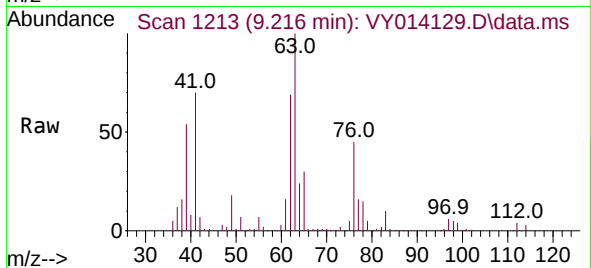
65 29.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#46

Dibromomethane

Concen: 52.620 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

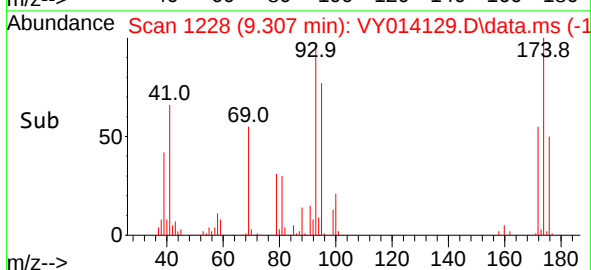
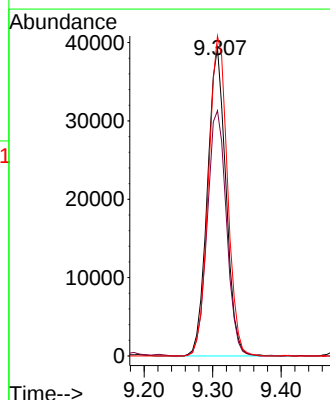
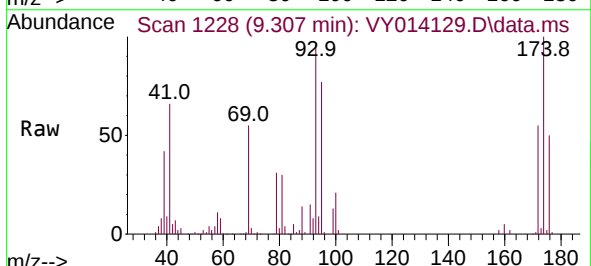
Tgt Ion: 93 Resp: 73809

Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

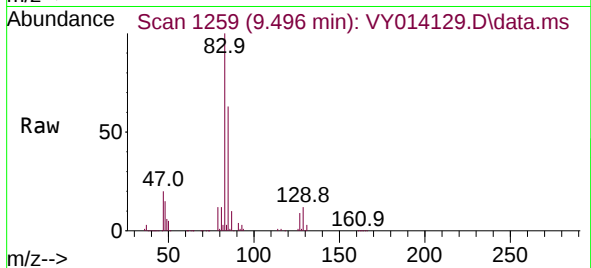
174 106.2 84.8 127.2





#47
Bromodichloromethane
Concen: 54.110 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

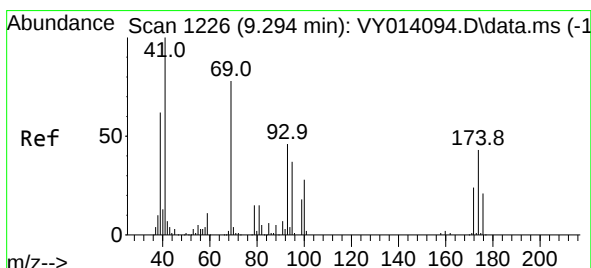
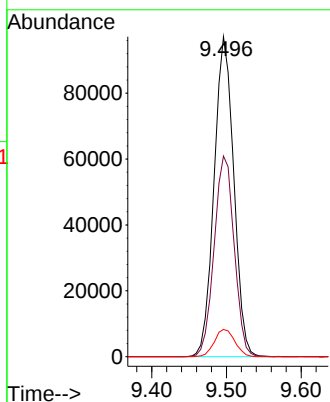
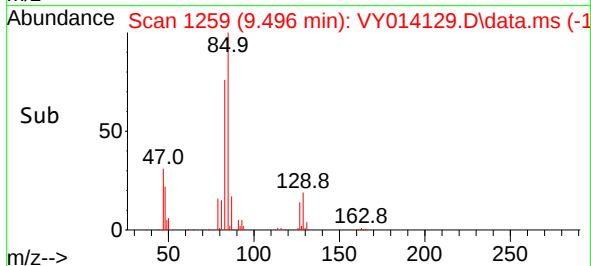
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



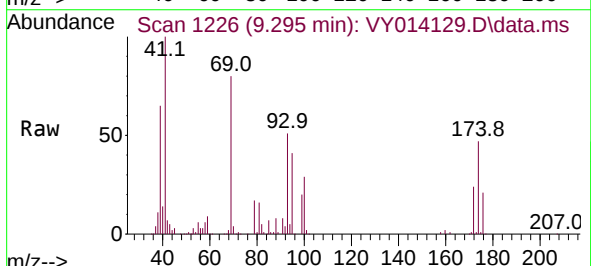
Tgt Ion: 83 Resp: 17771
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 8.5 7.1 10.7

Manual Integrations
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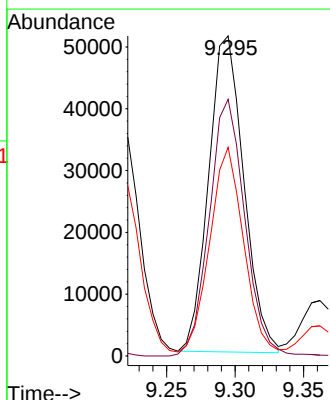
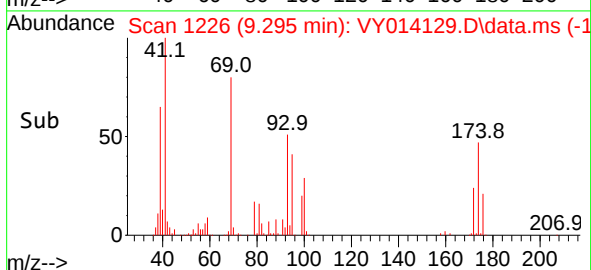
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

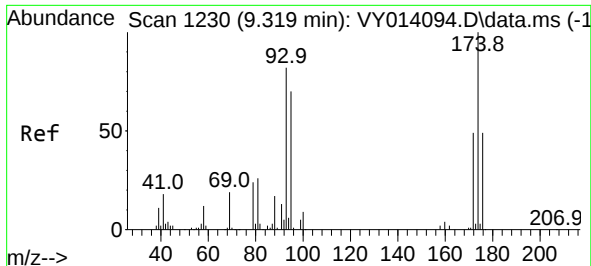


#48
Methyl methacrylate
Concen: 53.772 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



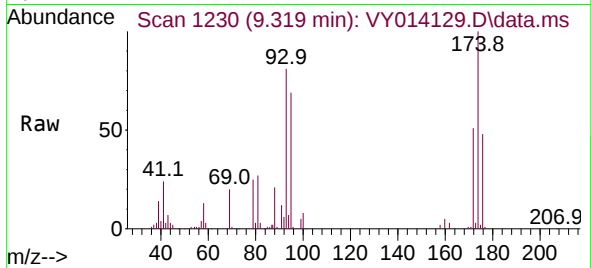
Tgt Ion: 41 Resp: 91505
Ion Ratio Lower Upper
41 100
69 82.1 64.5 96.7
39 64.1 50.8 76.2





#49
1,4-Dioxane
Concen: 1149.005 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

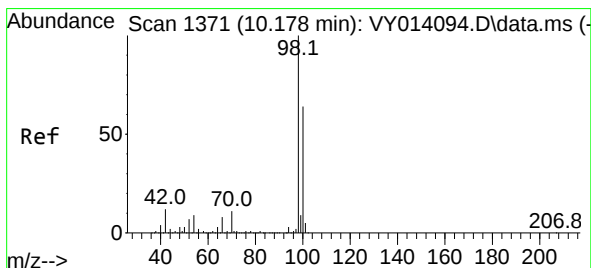
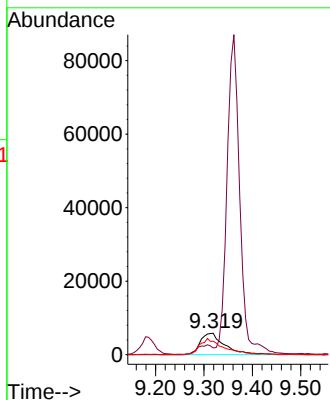
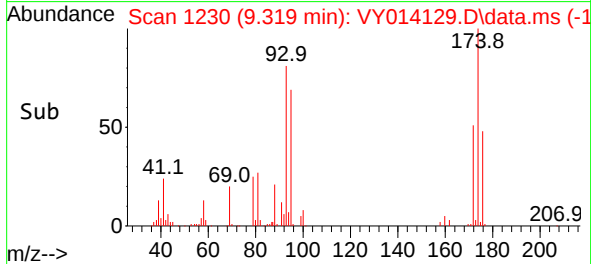
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 20479
Ion Ratio Lower Upper
88 100
43 27.2 0.0 0.0
58 73.9 30.9 46.3

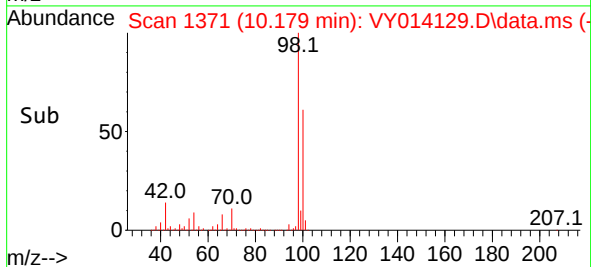
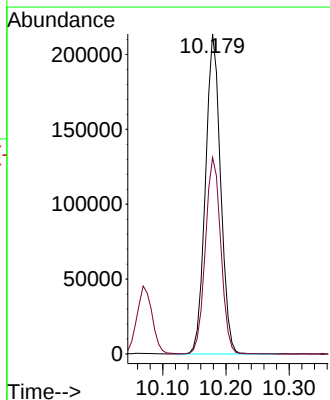
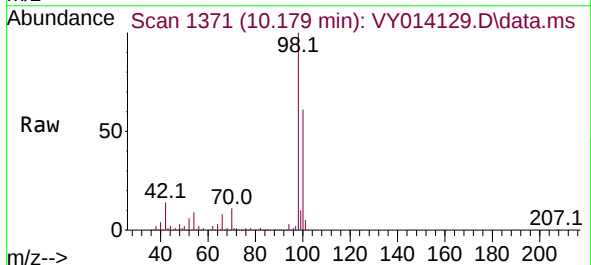
Manual Integrations
APPROVED

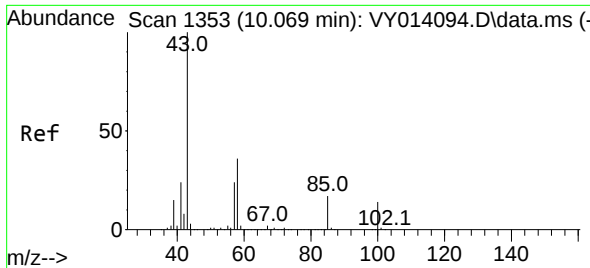
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#50
Toluene-d8
Concen: 49.133 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

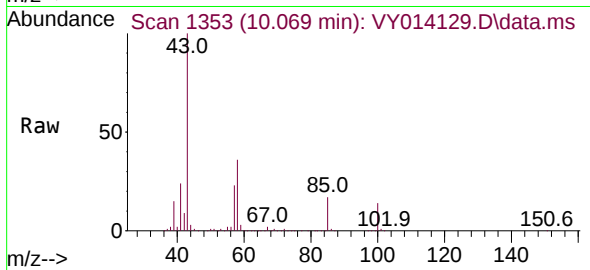
Tgt Ion: 98 Resp: 355471
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 280.205 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

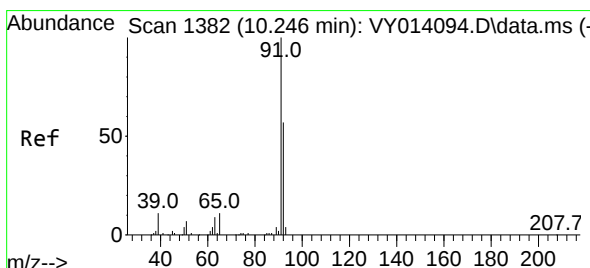
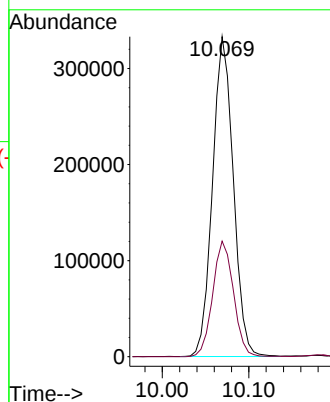
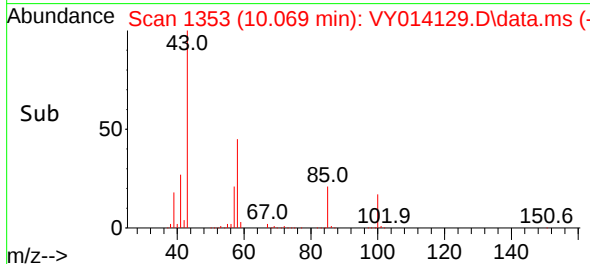
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



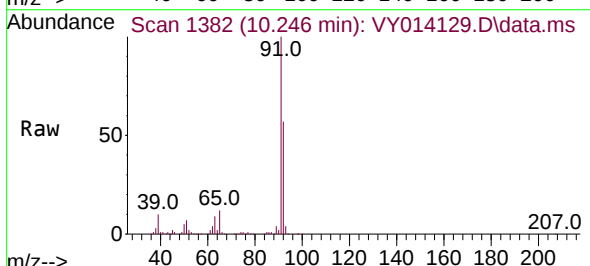
Tgt Ion: 43 Resp: 555424
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.6

Manual Integrations
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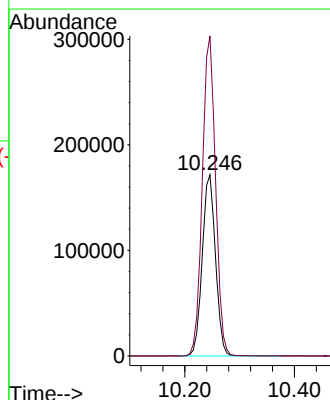
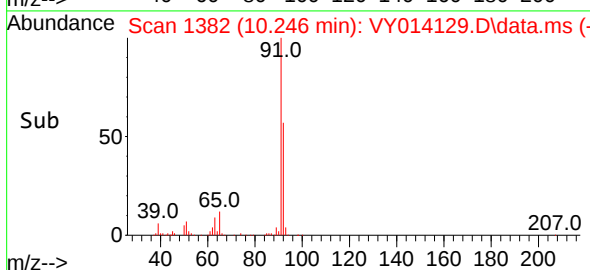
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

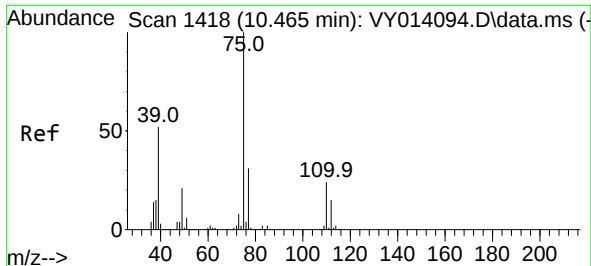


#52
Toluene
Concen: 51.753 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



Tgt Ion: 92 Resp: 287815
Ion Ratio Lower Upper
92 100
91 176.2 143.8 215.6





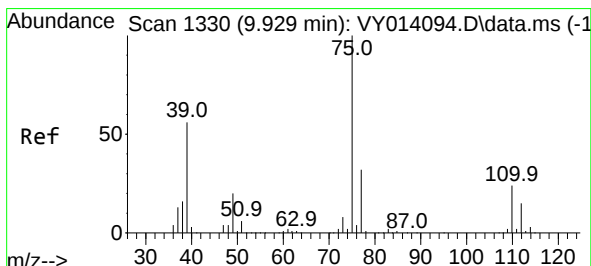
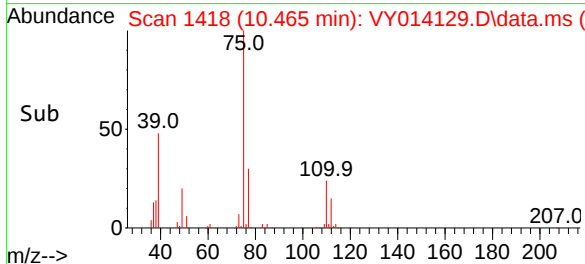
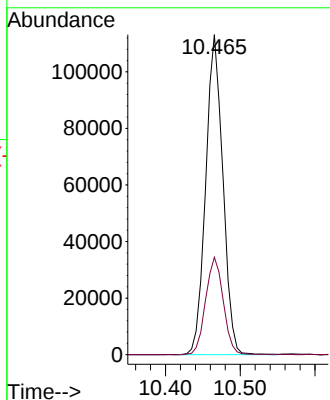
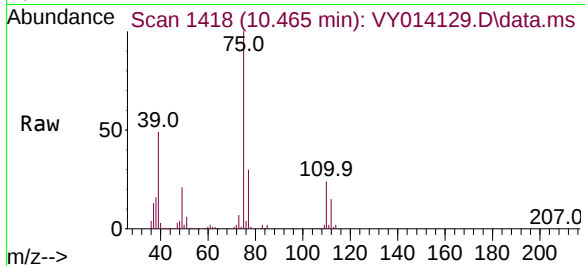
#53
t-1,3-Dichloropropene
Concen: 52.160 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 18034
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.4

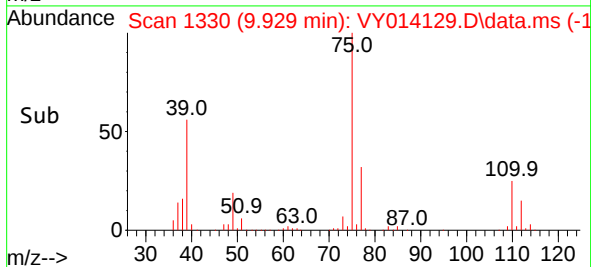
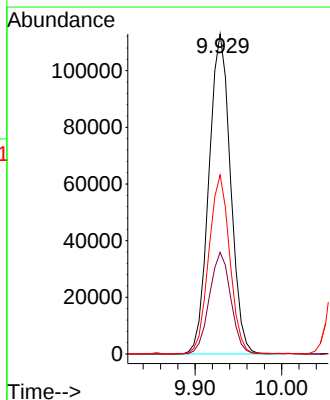
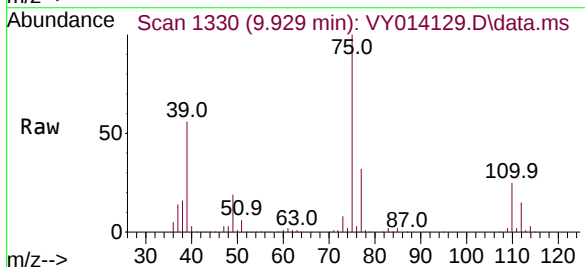
Manual Integrations
APPROVED

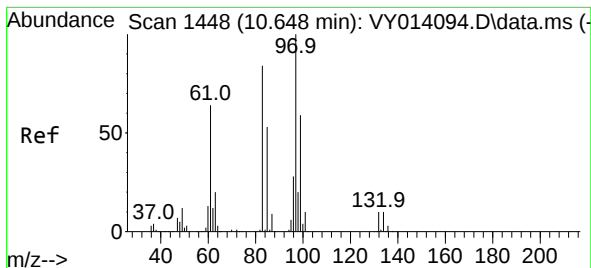
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#54
cis-1,3-Dichloropropene
Concen: 51.805 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

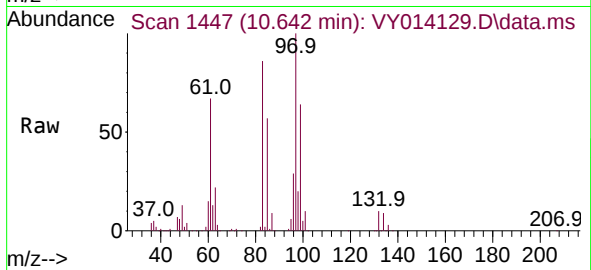
Tgt Ion: 75 Resp: 195421
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.4
39 55.8 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 53.304 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

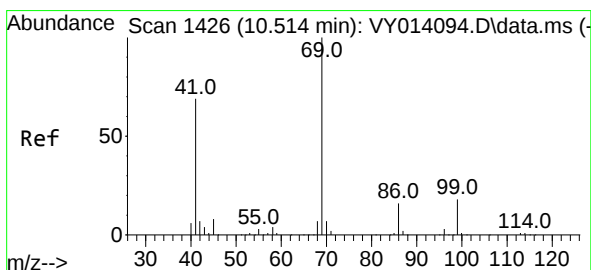
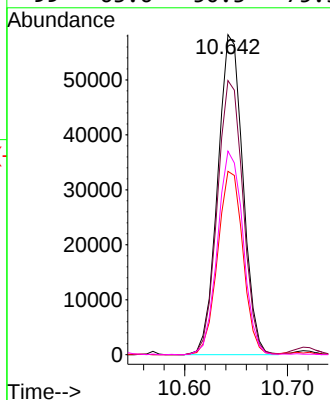
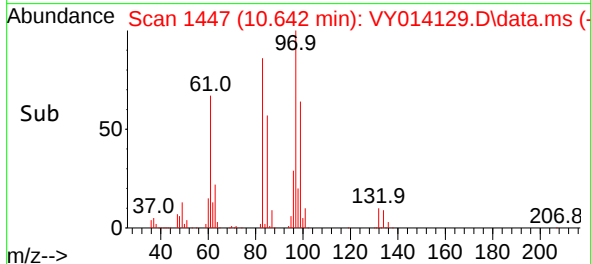
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



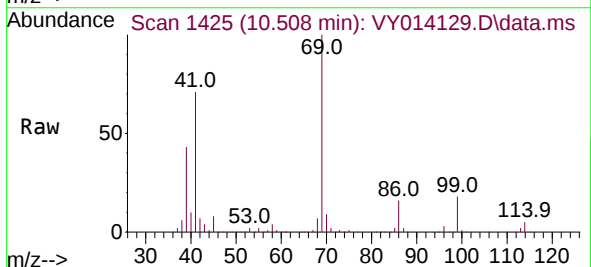
Tgt Ion:	97	Resp:	9917
Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.0	108.0
85	57.3	45.4	68.0
99	63.6	50.3	75.5

Manual Integrations
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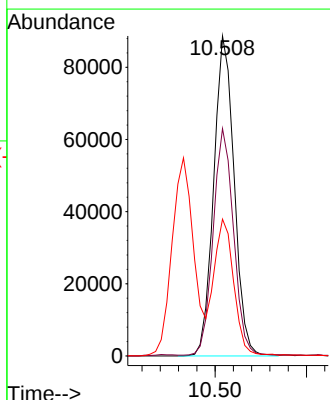
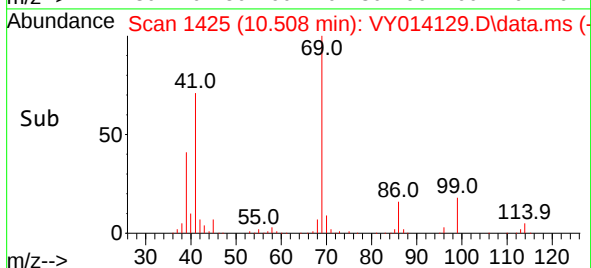
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

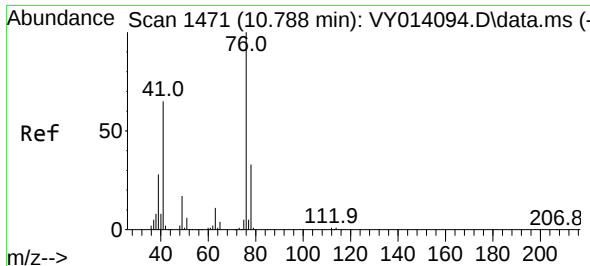


#56
Ethyl methacrylate
Concen: 53.750 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



Tgt Ion:	69	Resp:	137932
Ion	Ratio	Lower	Upper
69	100		
41	70.7	57.6	86.4
39	41.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 52.207 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 166120

Ion Ratio Lower Upper

76 100

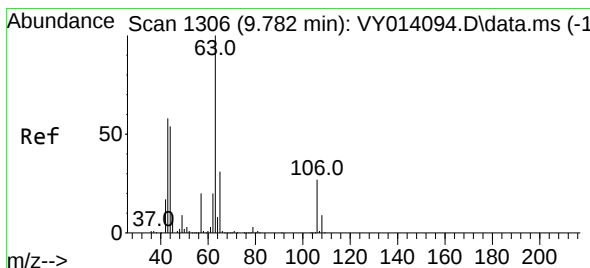
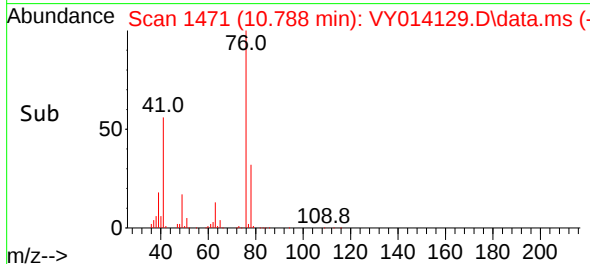
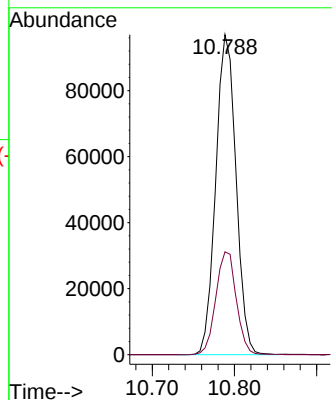
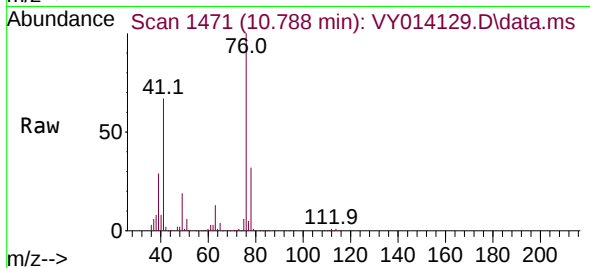
78 32.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 271.824 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014129.D

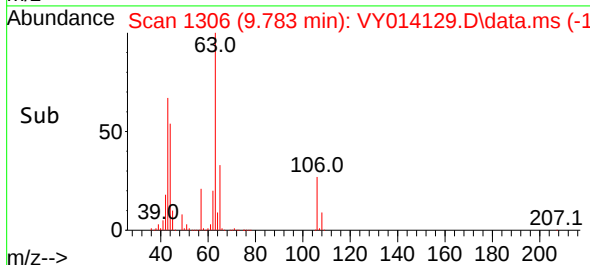
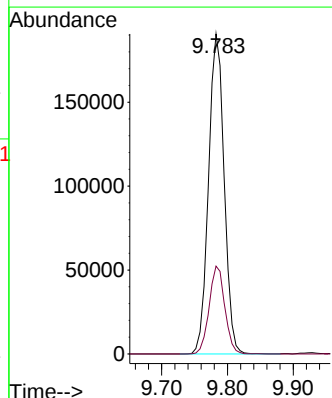
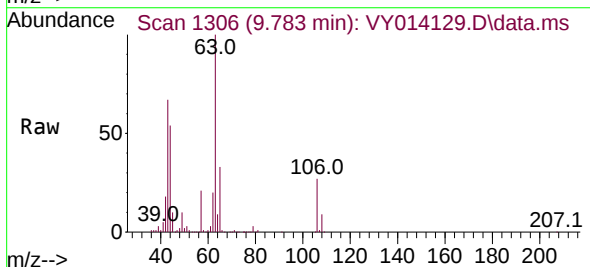
Acq: 12 Jun 2023 18:39

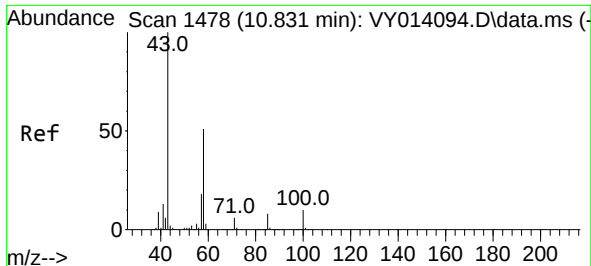
Tgt Ion: 63 Resp: 314931

Ion Ratio Lower Upper

63 100

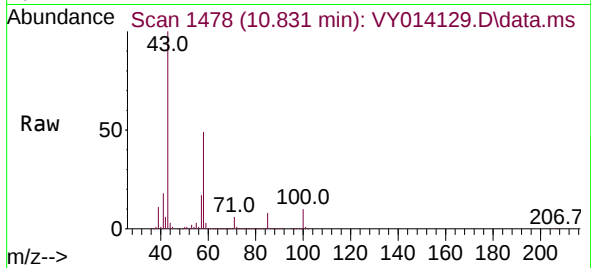
106 27.5 21.2 31.8





#59
2-Hexanone
Concen: 271.536 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

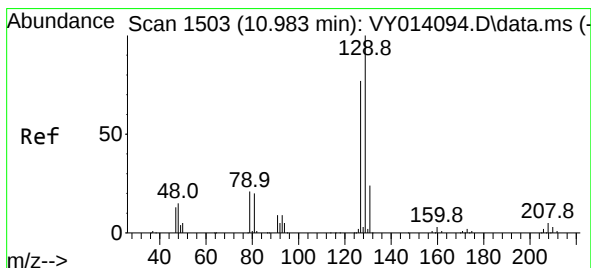
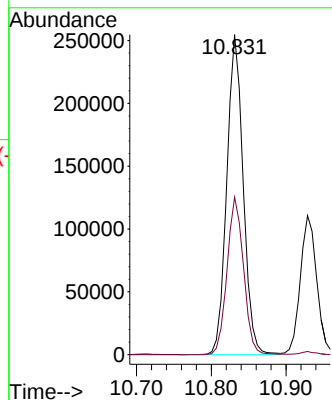
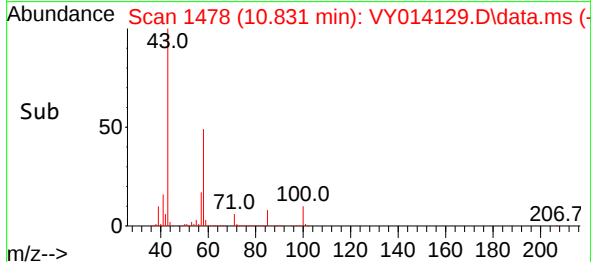
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



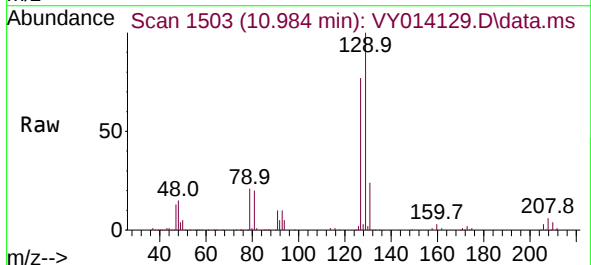
Tgt Ion: 43 Resp: 388749
Ion Ratio Lower Upper
43 100
58 49.5 25.1 75.3

Manual Integrations
APPROVED

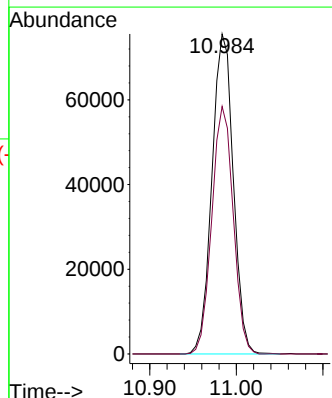
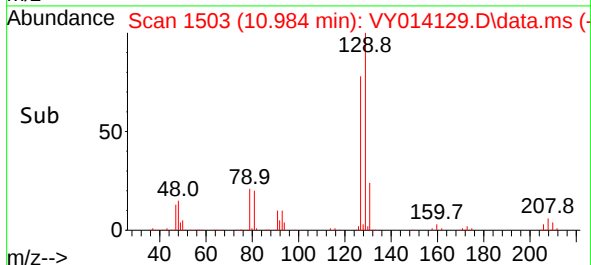
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#60
Dibromochloromethane
Concen: 54.263 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



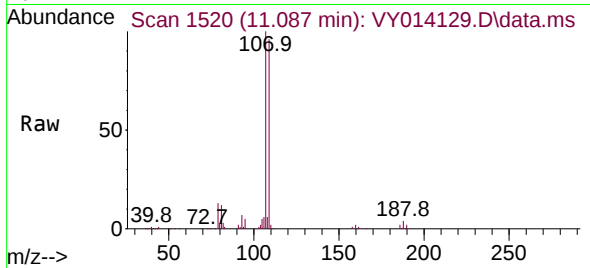
Tgt Ion:129 Resp: 129214
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 53.234 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

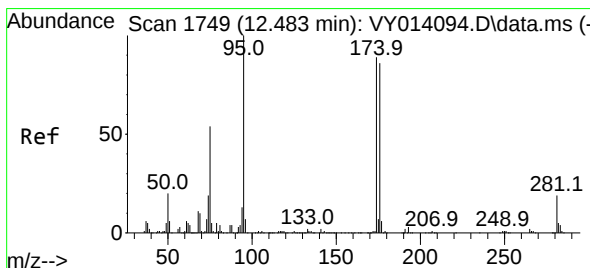
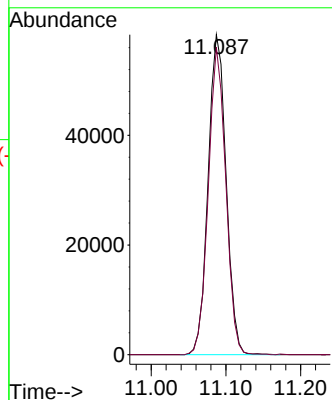
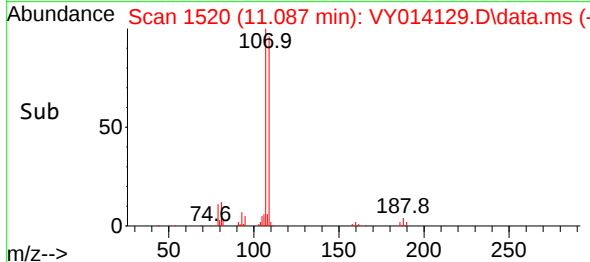
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



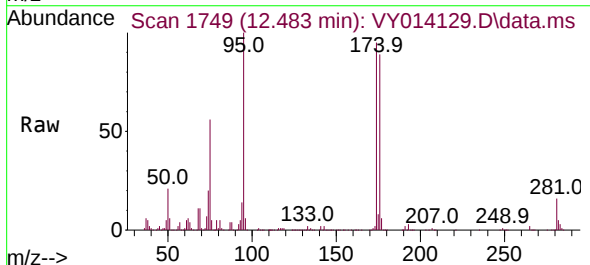
Tgt Ion:107 Resp: 97745
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4

Manual Integrations
APPROVED

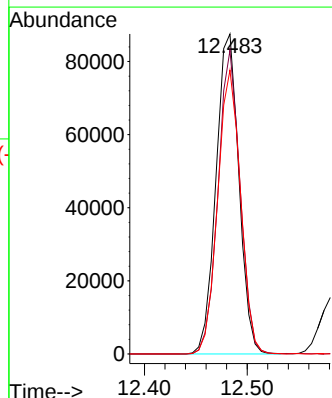
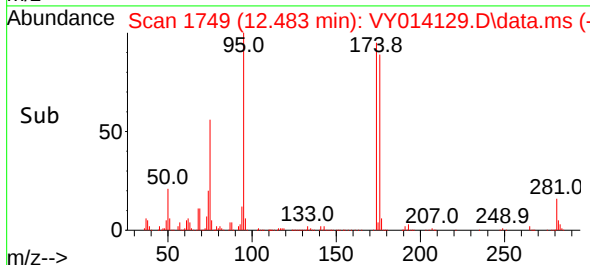
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#62
4-Bromofluorobenzene
Concen: 52.574 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



Tgt Ion: 95 Resp: 135118
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 88.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 261779

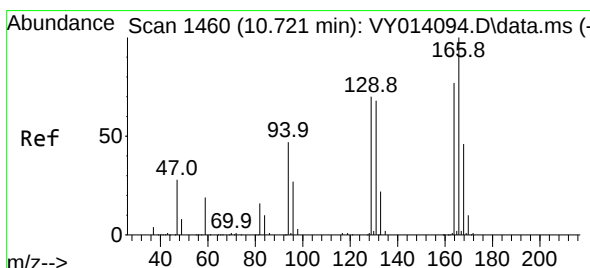
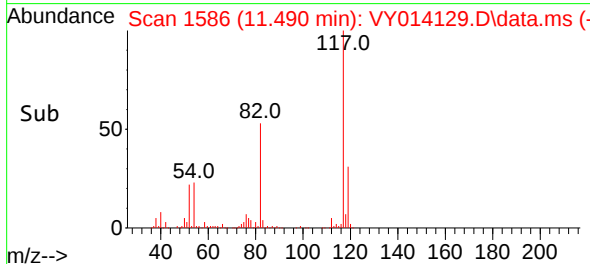
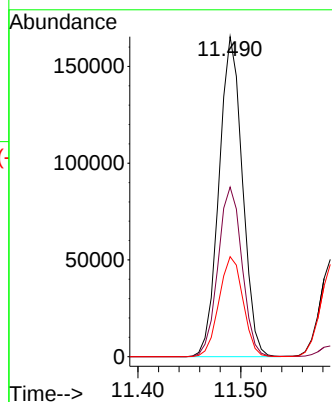
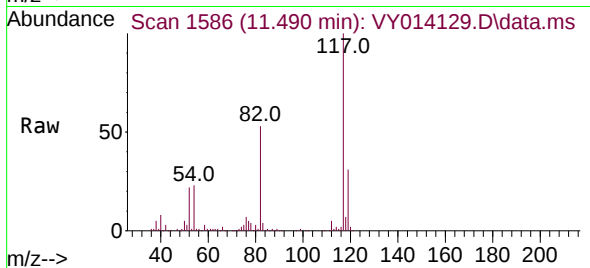
Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.4	65.0
119	31.3	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#64

Tetrachloroethene

Concen: 48.979 ug/l

RT: 10.721 min Scan# 1460

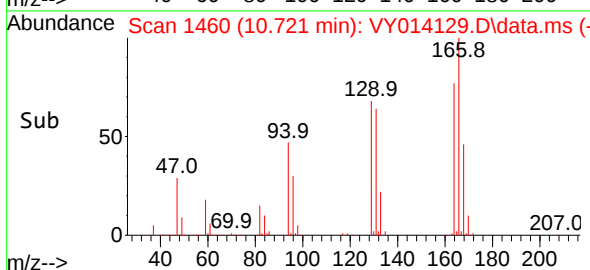
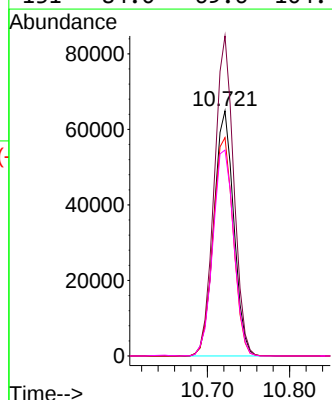
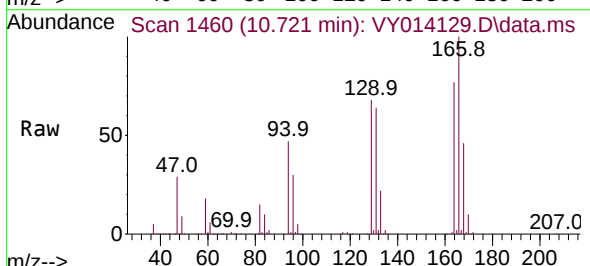
Delta R.T. 0.000 min

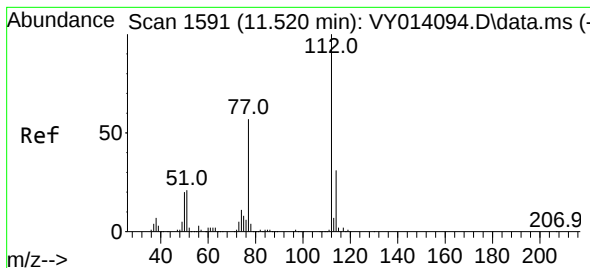
Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Tgt Ion:164 Resp: 109288

Ion	Ratio	Lower	Upper
164	100		
166	130.6	103.0	154.6
129	89.1	77.2	115.8
131	84.0	69.6	104.4





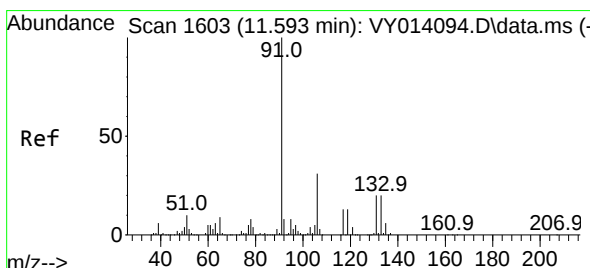
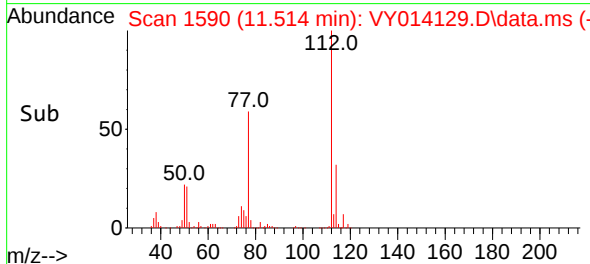
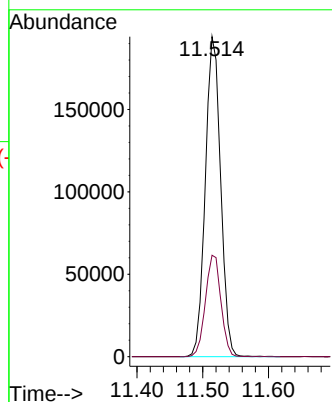
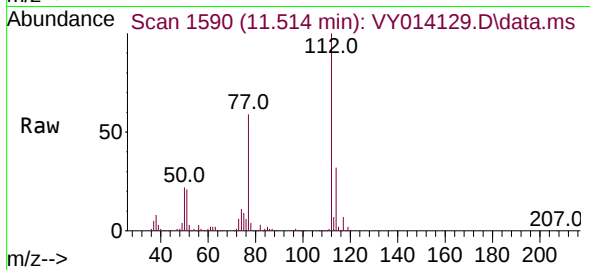
#65
Chlorobenzene
Concen: 49.977 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 31436
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

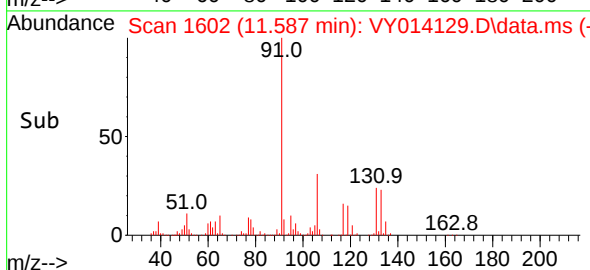
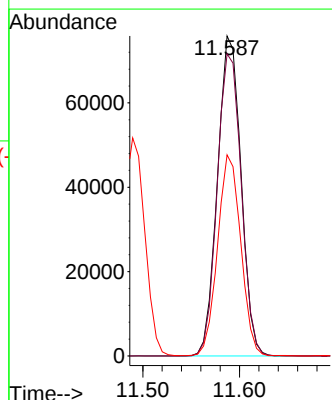
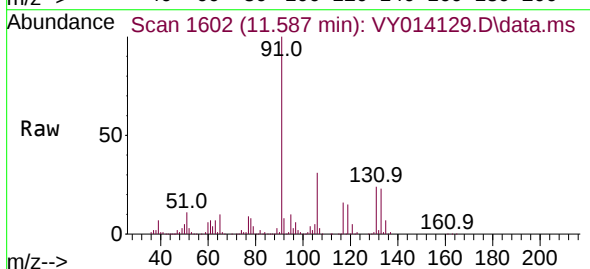
Manual Integrations
APPROVED

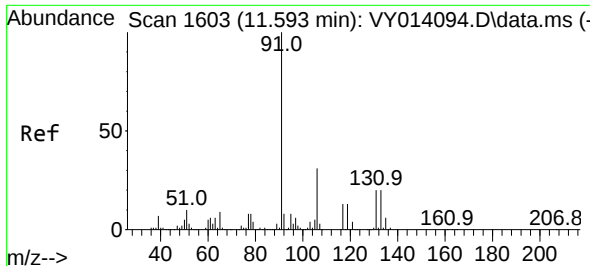
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.749 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

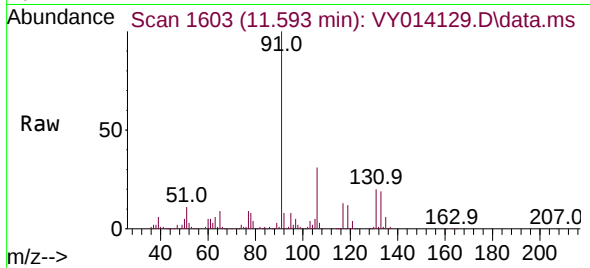
Tgt Ion:131 Resp: 128030
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.6
119 61.8 31.6 94.7





#67
Ethyl Benzene
Concen: 50.311 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

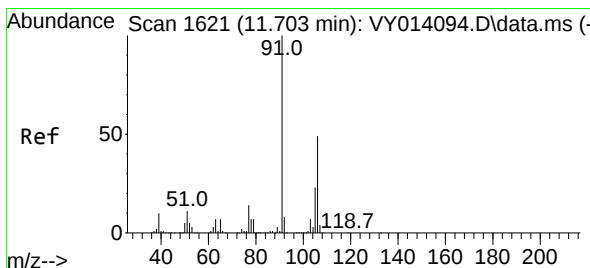
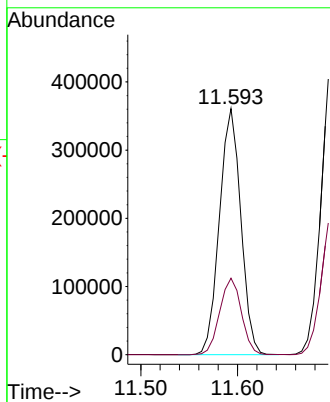
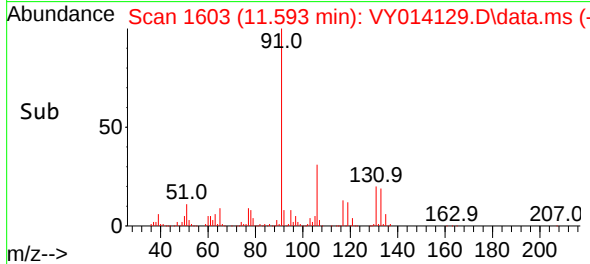
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 55393
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

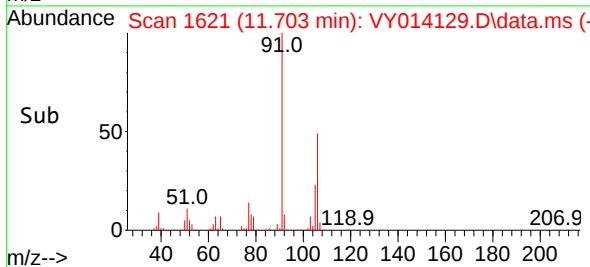
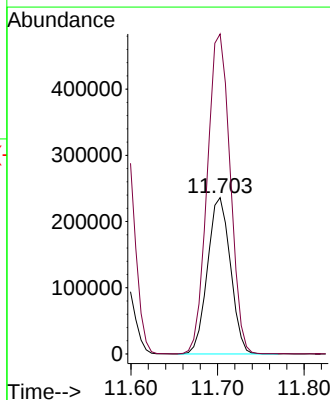
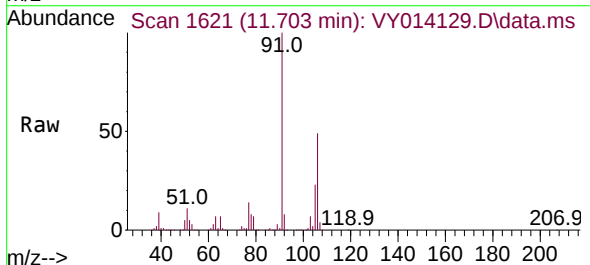
Manual Integrations
APPROVED

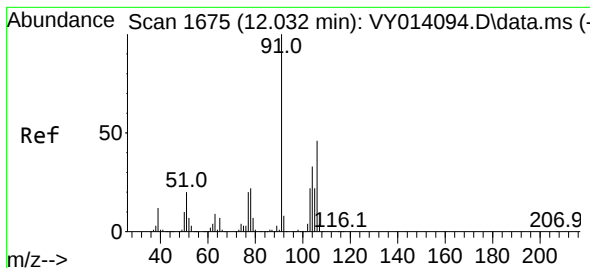
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#68
m/p-Xylenes
Concen: 102.289 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion:106 Resp: 433193
Ion Ratio Lower Upper
106 100
91 205.5 166.1 249.1





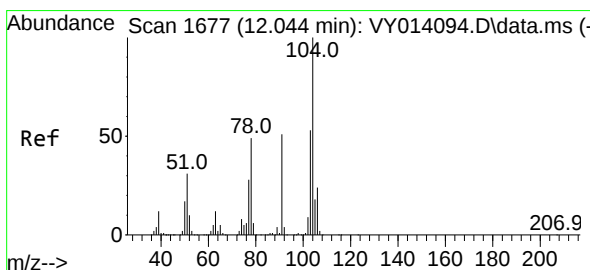
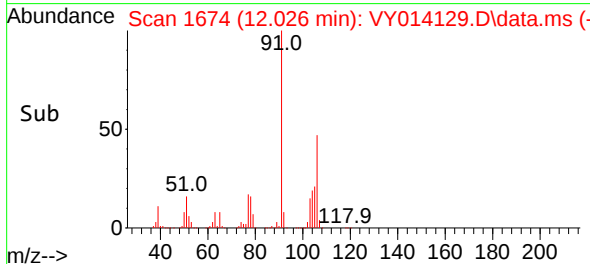
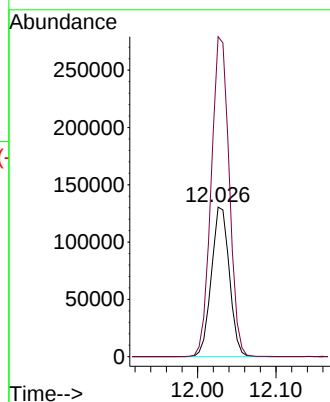
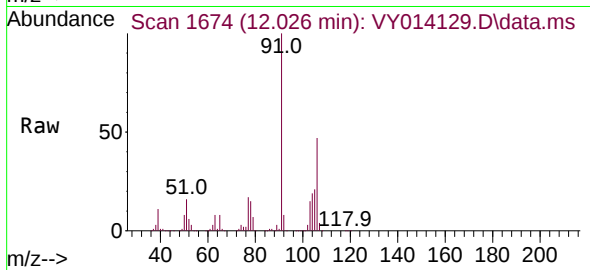
#69
o-Xylene
Concen: 51.851 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 207609
Ion Ratio Lower Upper
106 100
91 215.2 108.1 324.3

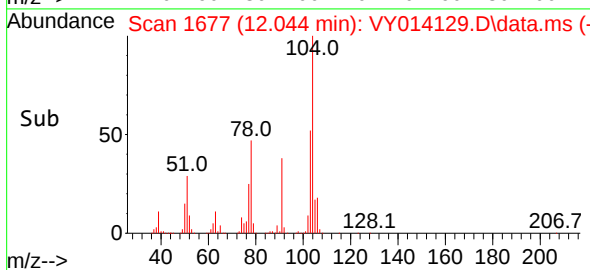
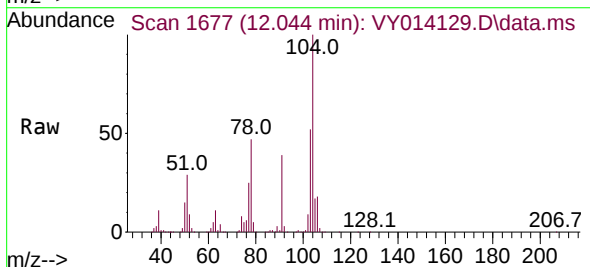
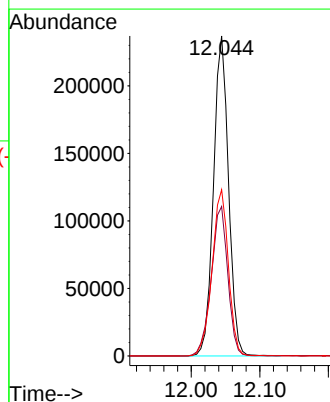
Manual Integrations
APPROVED

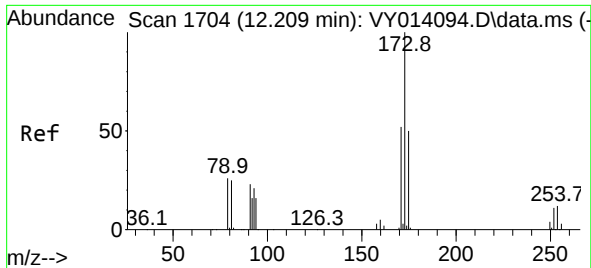
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#70
Styrene
Concen: 52.912 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

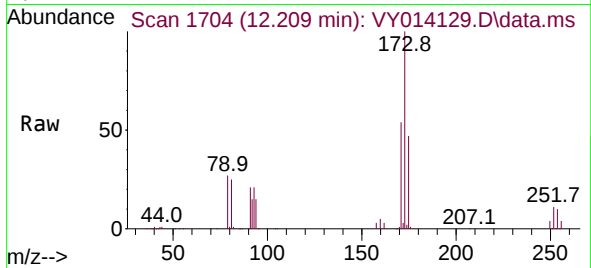
Tgt Ion:104 Resp: 361582
Ion Ratio Lower Upper
104 100
78 51.5 41.5 62.3
103 56.4 44.6 67.0





#71
Bromoform
Concen: 54.605 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

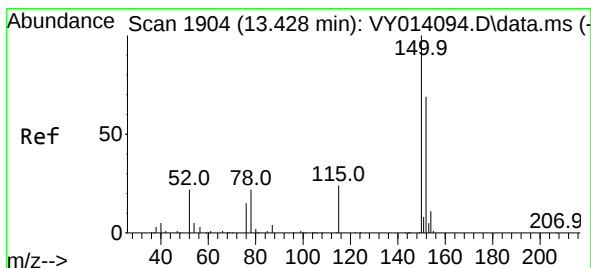
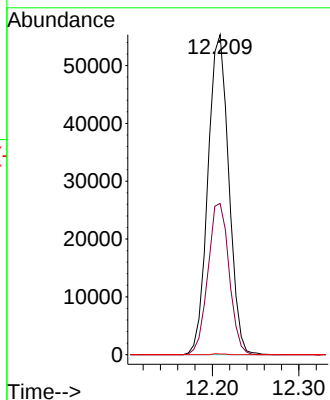
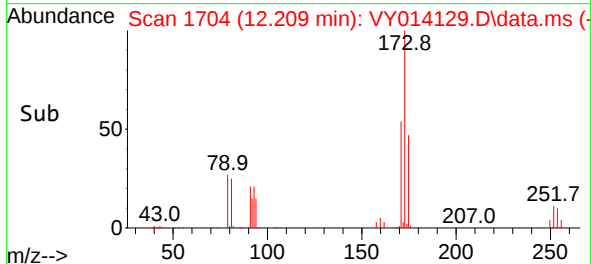
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



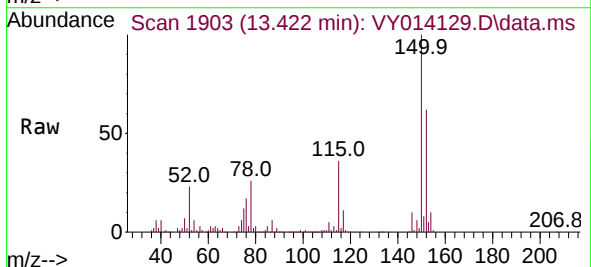
Tgt Ion:173 Resp: 9252
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.2 0.2 0.2

Manual Integrations
APPROVED

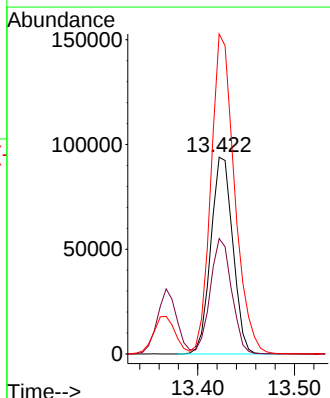
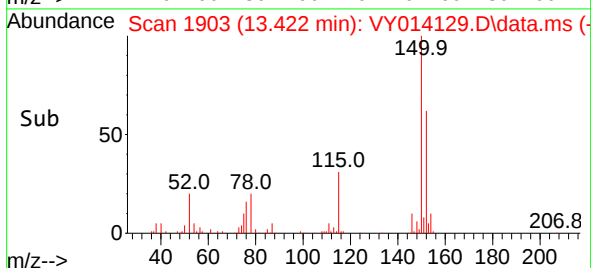
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

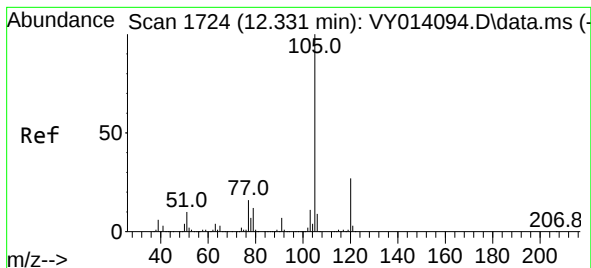


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



Tgt Ion:152 Resp: 148356
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 174.8 0.0 348.8





#73

Isopropylbenzene

Concen: 48.099 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 544360

Ion Ratio Lower Upper

105 100

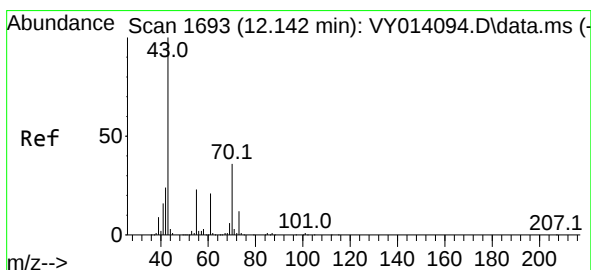
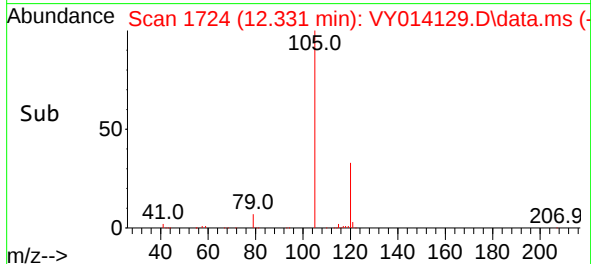
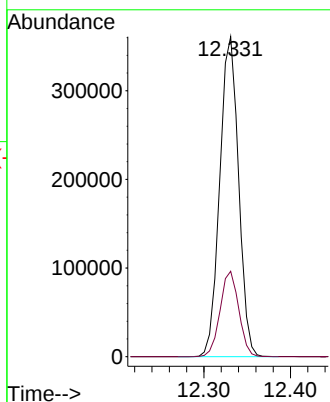
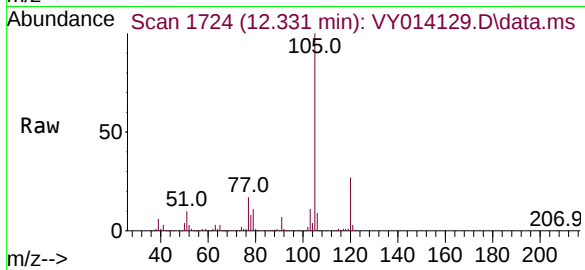
120 26.5 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#74

N-ethyl acetate

Concen: 49.875 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Tgt Ion: 43 Resp: 178875

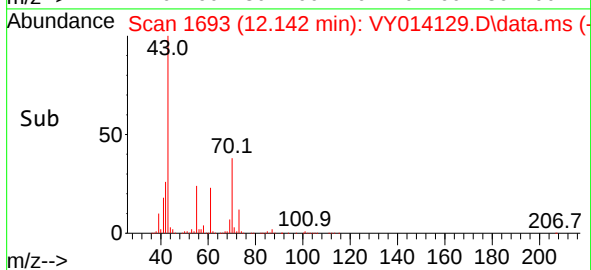
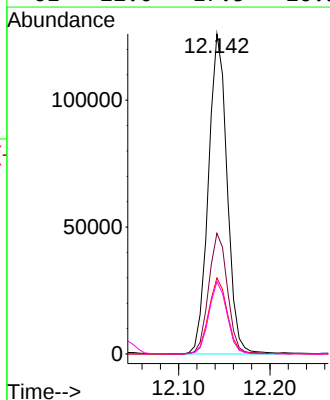
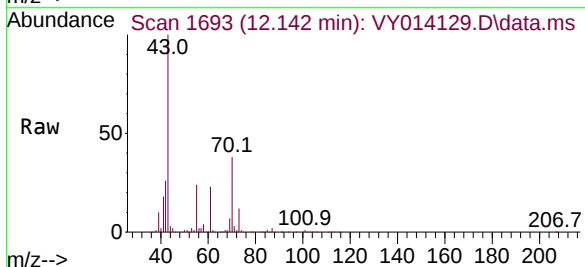
Ion Ratio Lower Upper

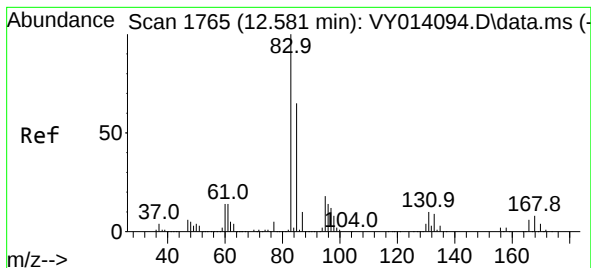
43 100

70 37.8 29.7 44.5

55 23.8 18.3 27.5

61 22.0 17.5 26.3





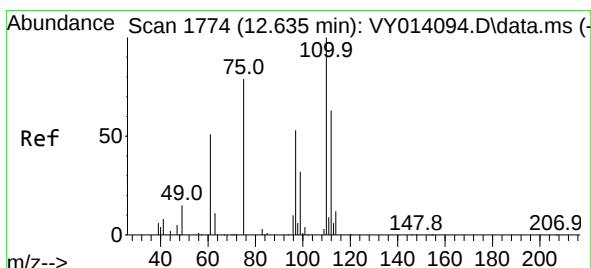
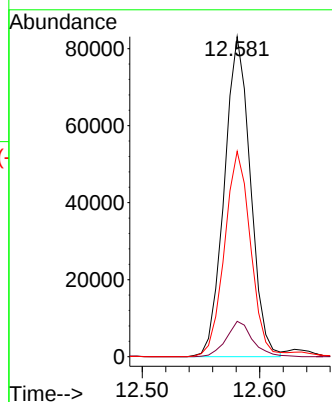
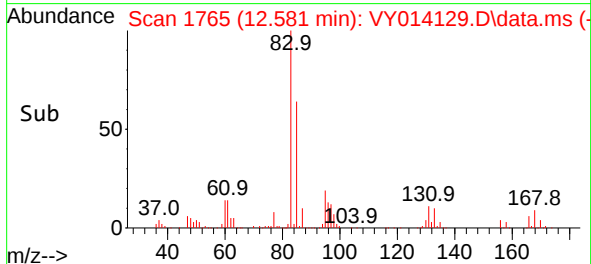
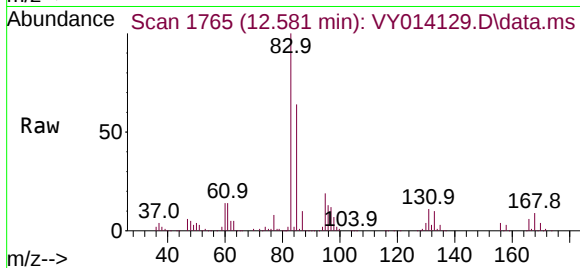
#75
1,1,2,2-Tetrachloroethane
Concen: 50.687 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 12818
Ion Ratio Lower Upper
83 100
131 11.1 5.4 16.2
85 64.3 31.8 95.4

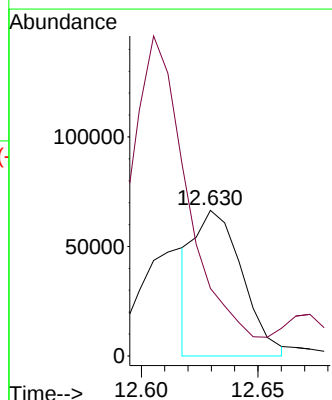
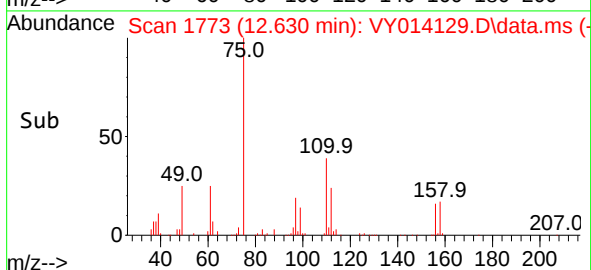
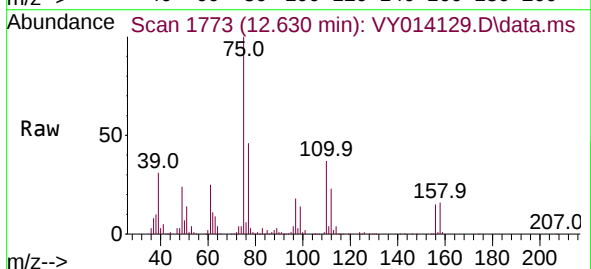
Manual Integrations
APPROVED

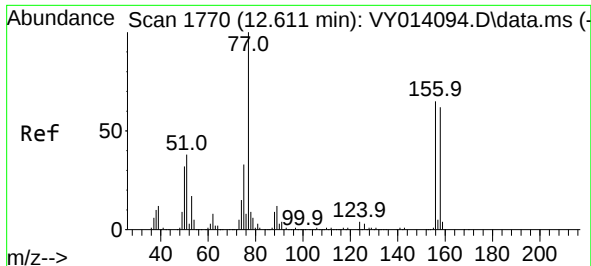
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#76
1,2,3-Trichloropropane
Concen: 48.707 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 75 Resp: 94804
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





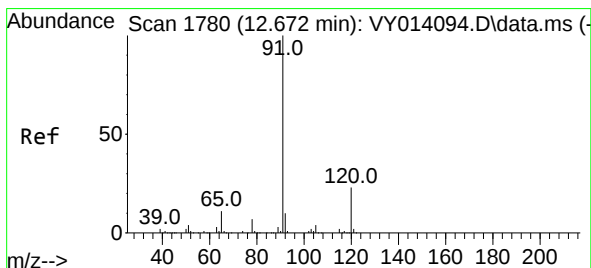
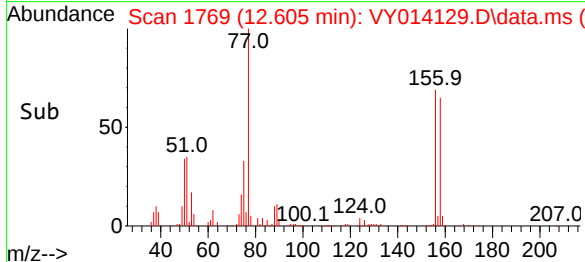
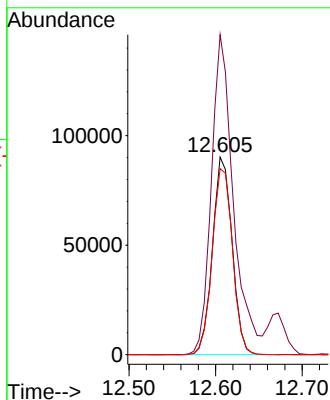
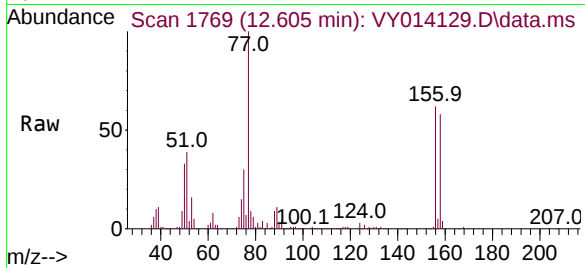
#77
Bromobenzene
Concen: 47.815 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 14223
Ion Ratio Lower Upper
156 100
77 181.9 92.8 278.6
158 97.1 48.4 145.3

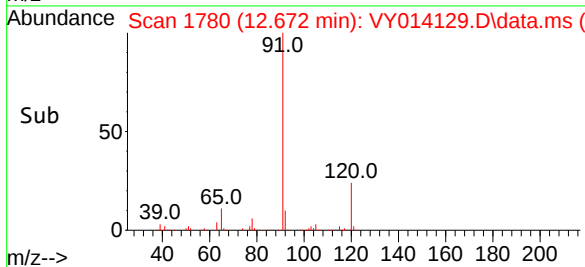
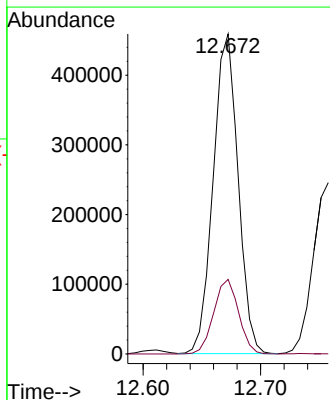
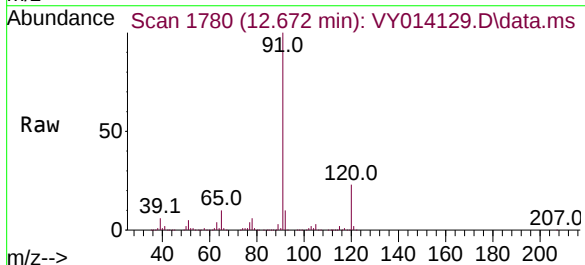
Manual Integrations
APPROVED

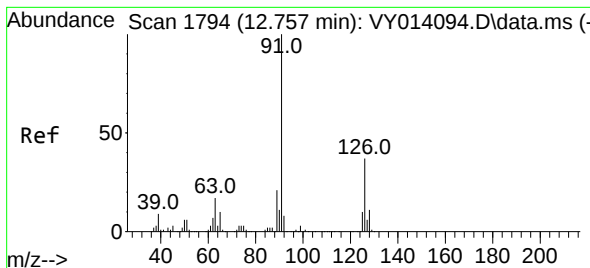
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#78
n-propylbenzene
Concen: 48.744 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

Tgt Ion: 91 Resp: 673804
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.033 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 38205

Ion Ratio Lower Upper

91 100

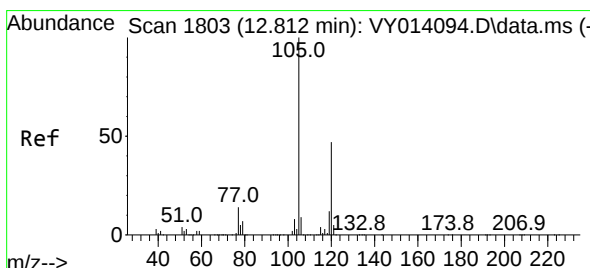
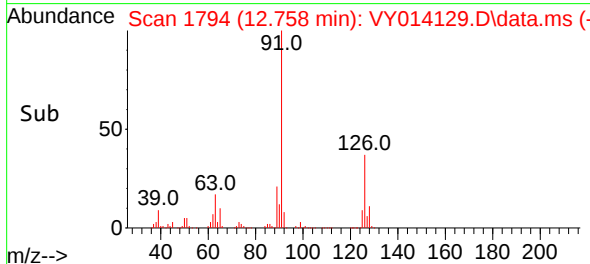
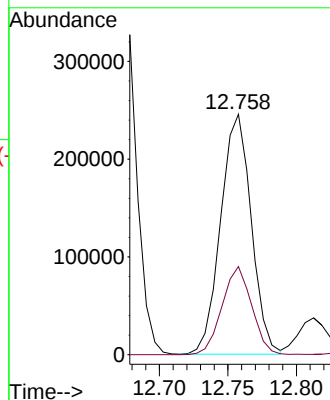
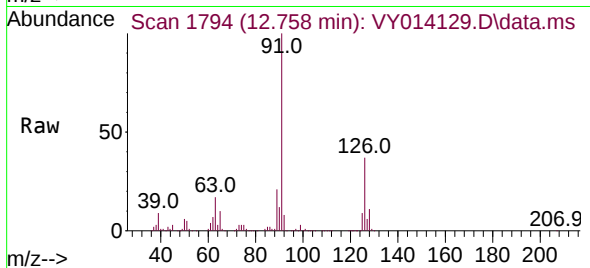
126 35.5 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#80

1,3,5-Trimethylbenzene

Concen: 48.529 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY014129.D

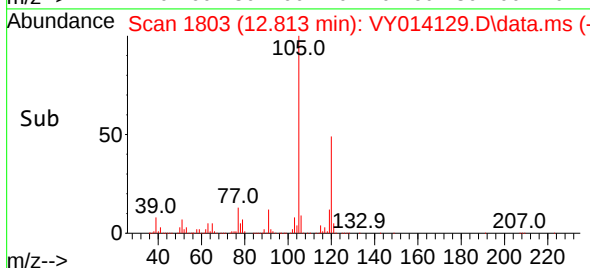
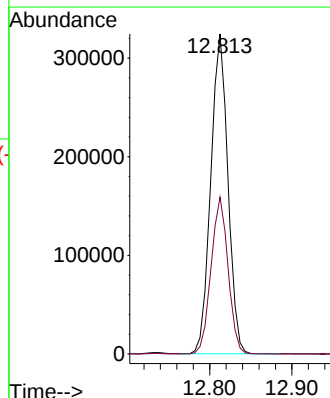
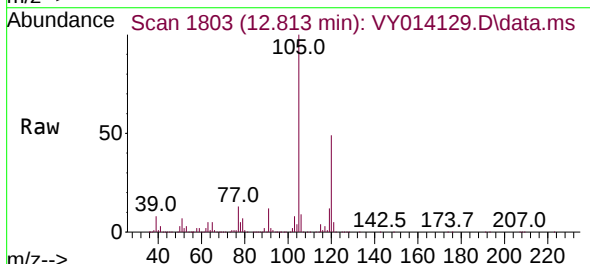
Acq: 12 Jun 2023 18:39

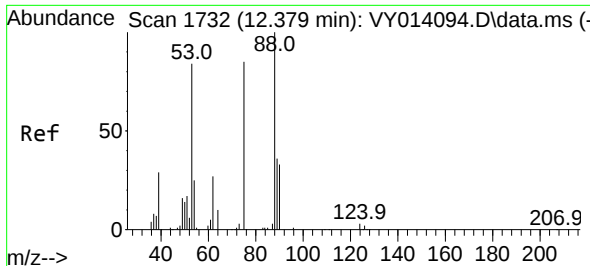
Tgt Ion:105 Resp: 470279

Ion Ratio Lower Upper

105 100

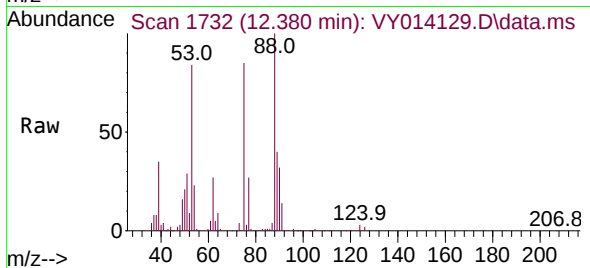
120 48.7 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 49.739 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

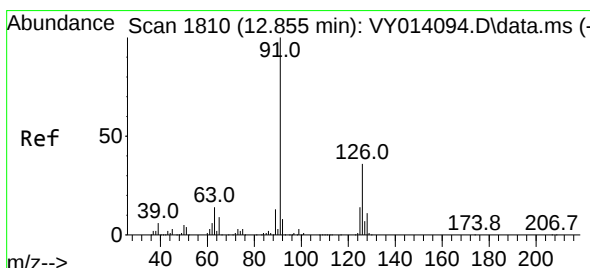
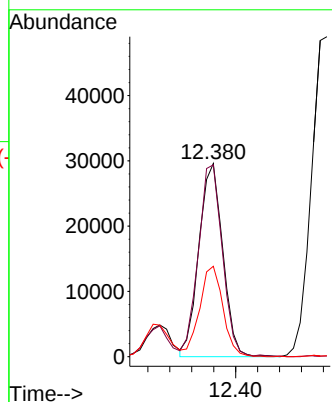
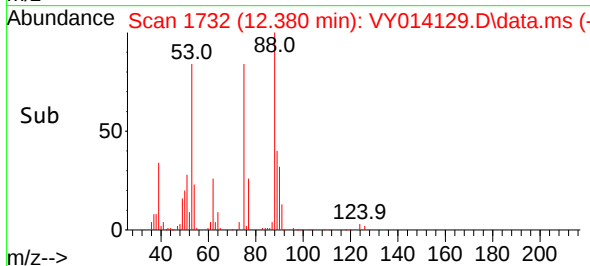
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4478
Ion Ratio Lower Upper
75 100
53 100.2 77.8 116.8
89 46.0 37.4 56.0

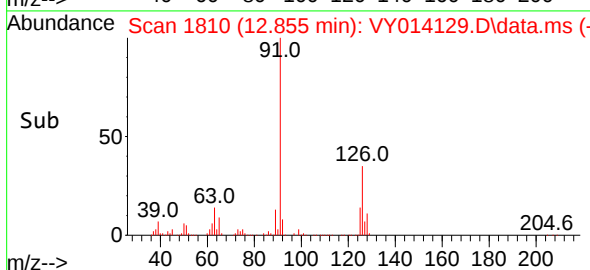
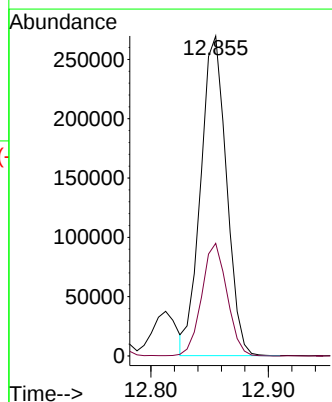
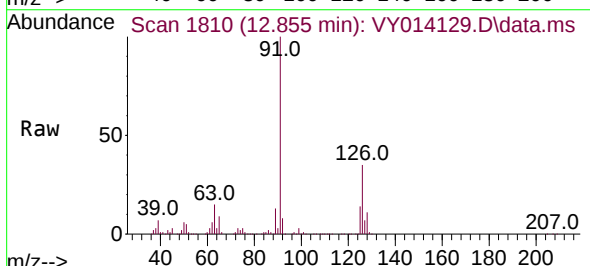
Manual Integrations
APPROVED

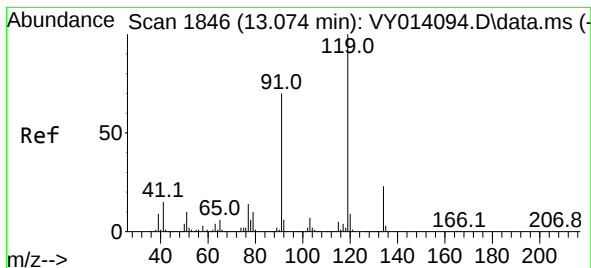
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#82
4-Chlorotoluene
Concen: 48.663 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

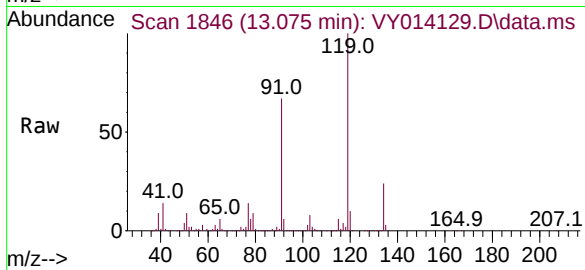
Tgt Ion: 91 Resp: 410174
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 49.218 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

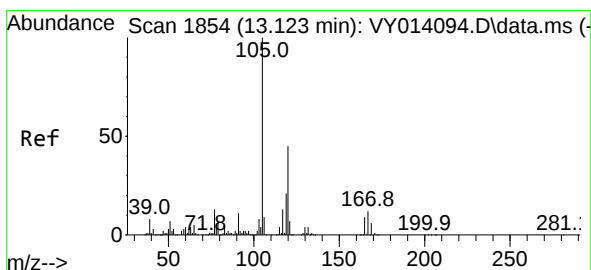
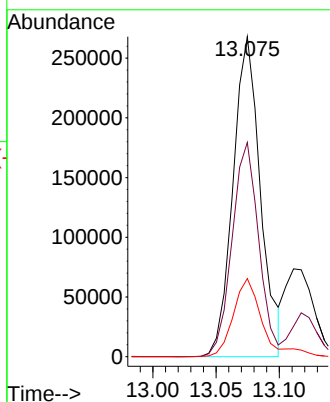
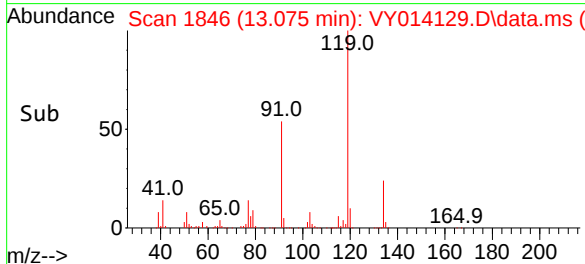
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



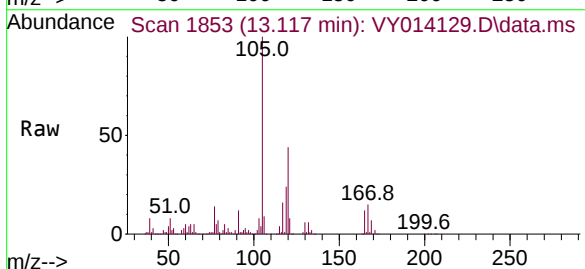
Tgt Ion:119 Resp: 405319
Ion Ratio Lower Upper
119 100
91 64.8 32.9 98.6
134 25.7 13.0 38.9

Manual Integrations
APPROVED

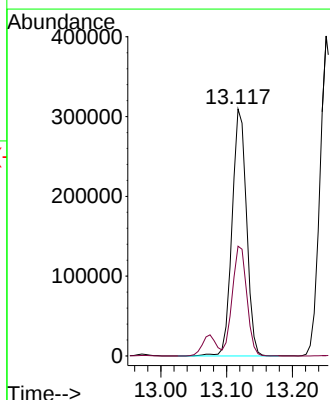
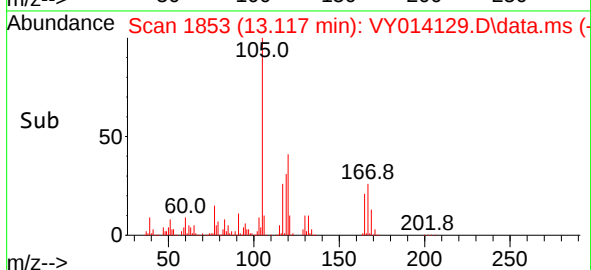
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

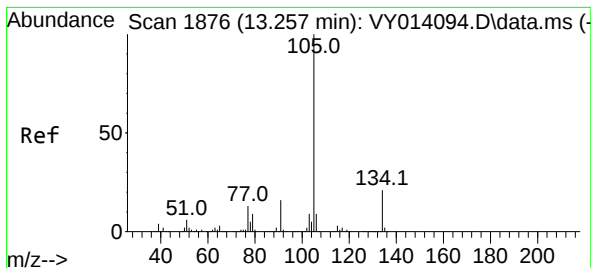


#84
1,2,4-Trimethylbenzene
Concen: 49.317 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



Tgt Ion:105 Resp: 473078
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.974 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 58634

Ion Ratio Lower Upper

105 100

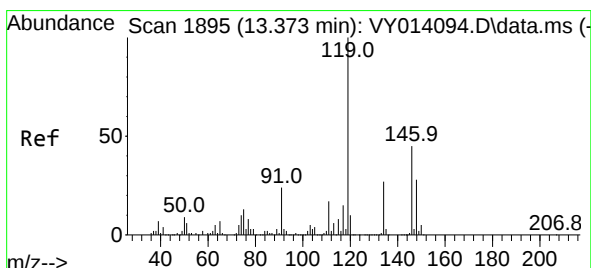
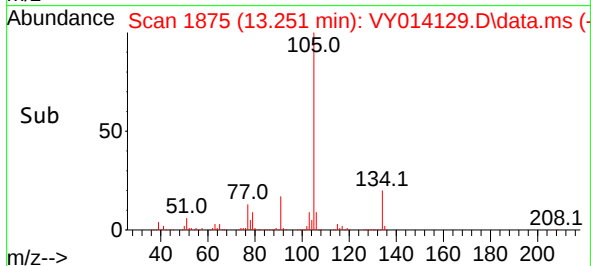
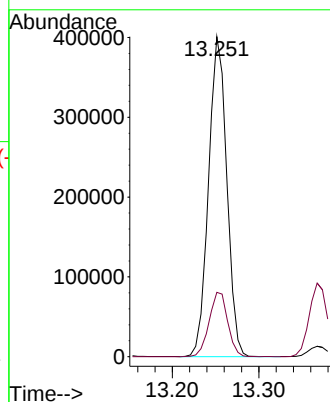
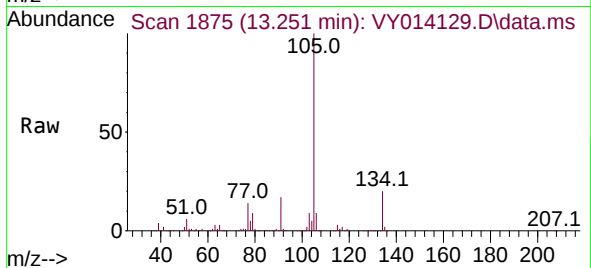
134 20.5 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#86

p-Isopropyltoluene

Concen: 48.490 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

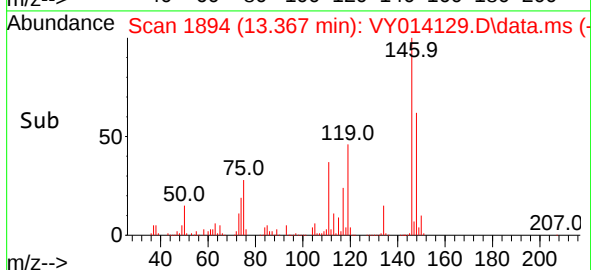
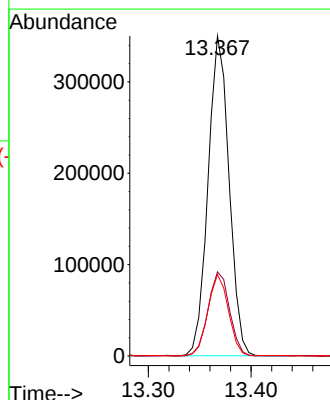
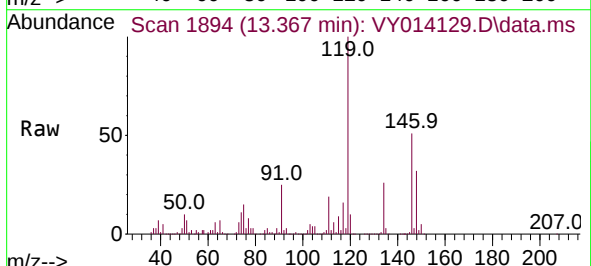
Tgt Ion:119 Resp: 496861

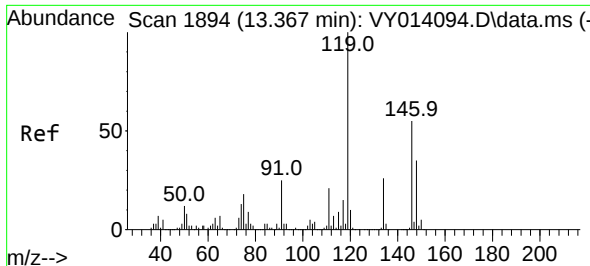
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

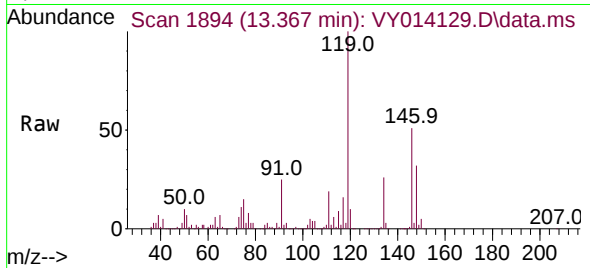
91 24.9 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 48.521 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

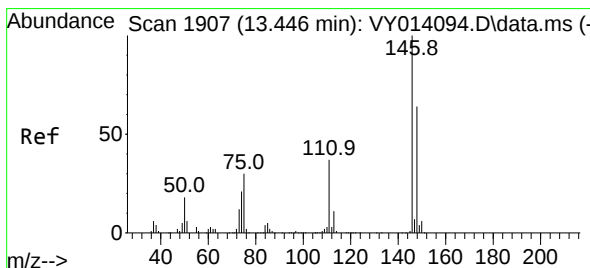
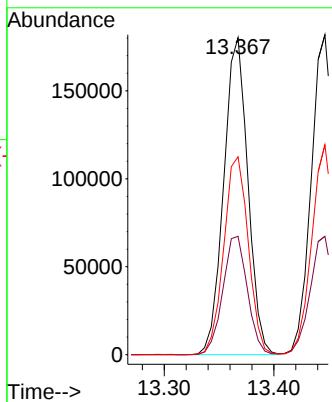
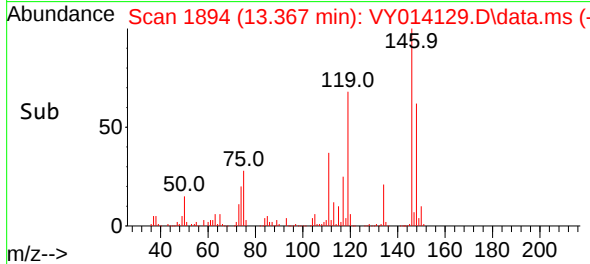
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



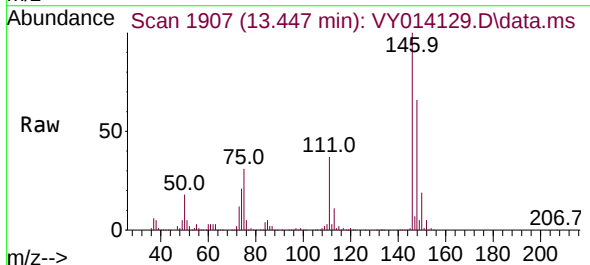
Tgt Ion:146 Resp: 275569
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.2
148 63.5 31.9 95.5

Manual Integrations
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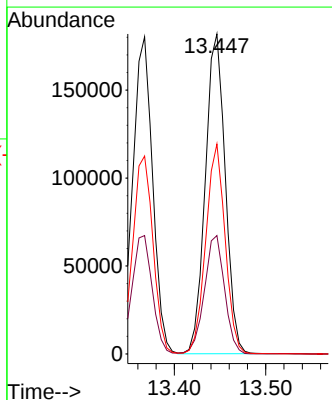
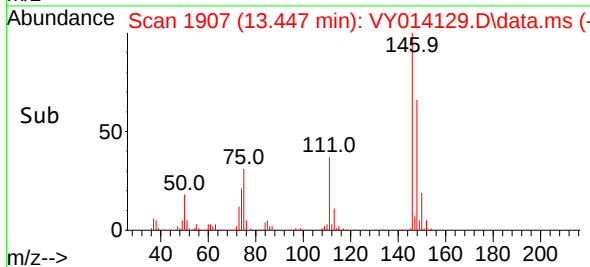
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

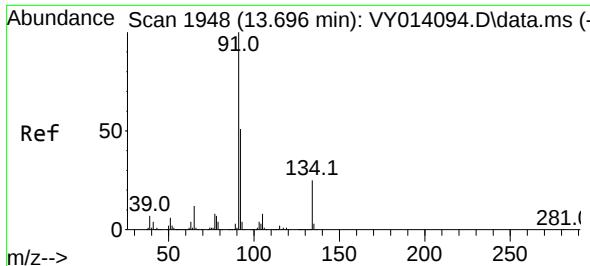


#88
1,4-Dichlorobenzene
Concen: 48.075 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



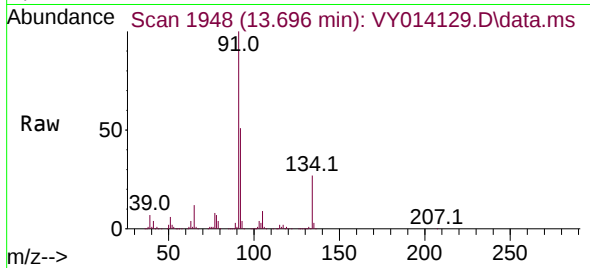
Tgt Ion:146 Resp: 275095
Ion Ratio Lower Upper
146 100
111 37.5 18.9 56.7
148 64.0 32.1 96.5





#89
n-Butylbenzene
Concen: 48.790 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

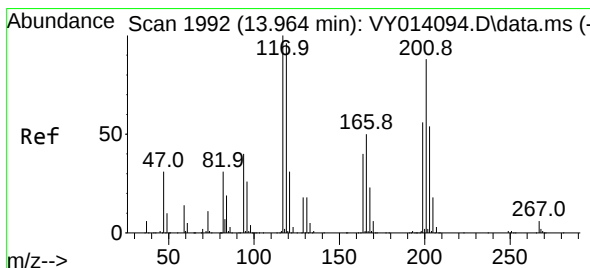
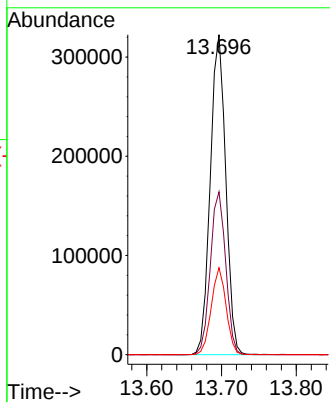
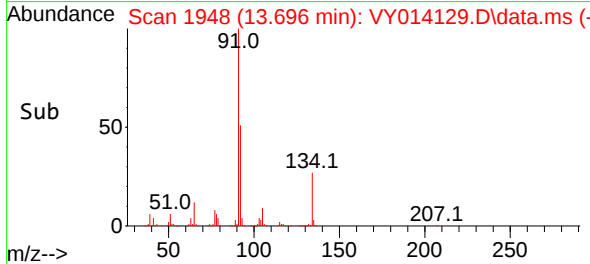
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 463690
Ion Ratio Lower Upper
91 100
92 50.7 25.4 76.0
134 26.2 12.6 37.6

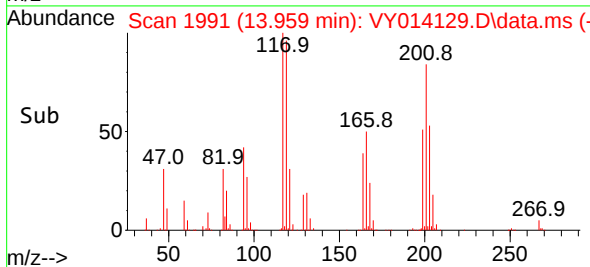
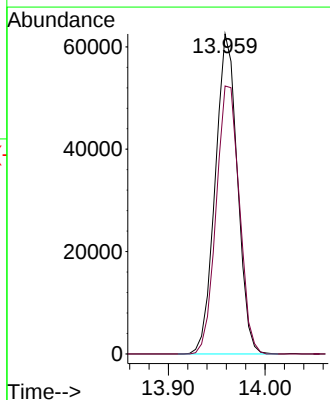
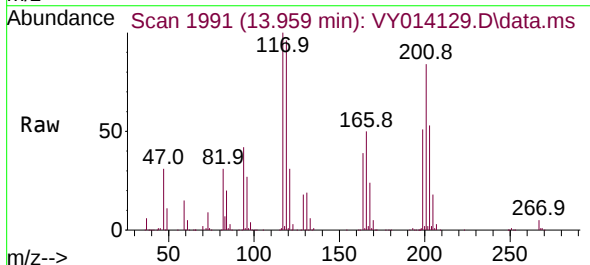
Manual Integrations
APPROVED

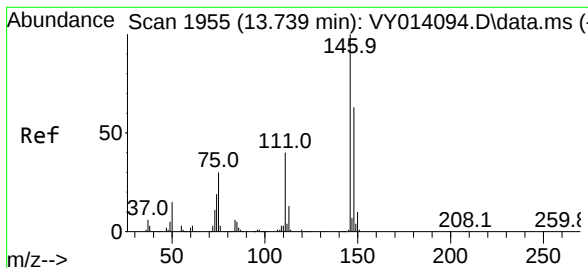
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#90
Hexachloroethane
Concen: 48.721 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

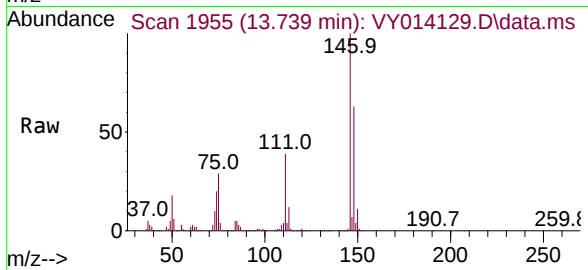
Tgt Ion:117 Resp: 99478
Ion Ratio Lower Upper
117 100
201 87.4 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 49.457 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39

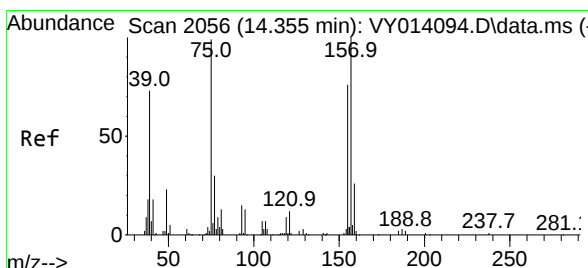
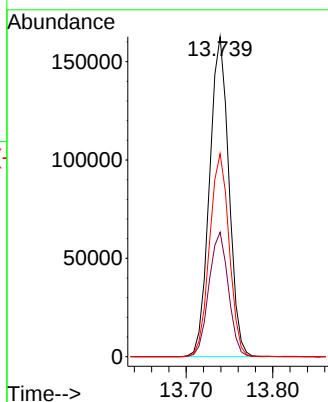
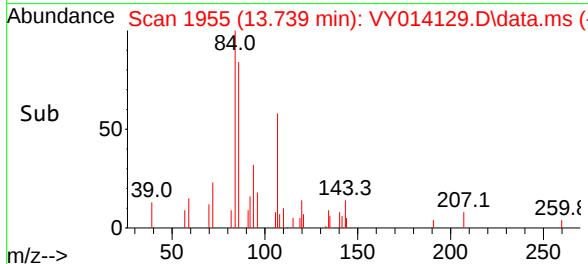
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



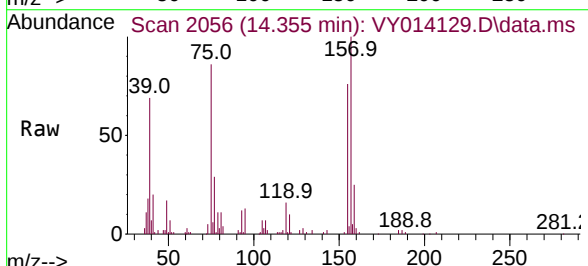
Tgt Ion:146 Resp: 252272
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.0
148 64.0 32.0 96.2

Manual Integrations
APPROVED

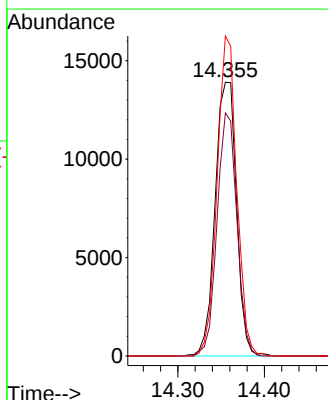
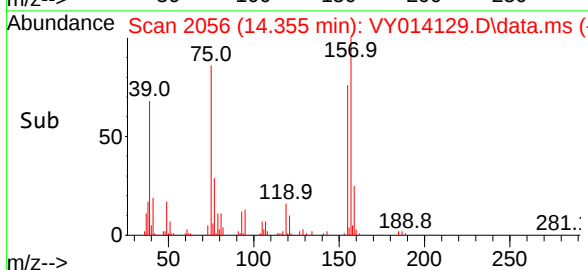
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

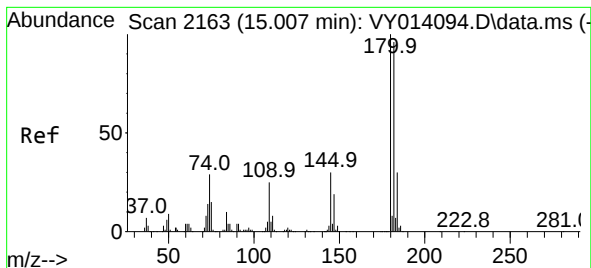


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.566 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014129.D
Acq: 12 Jun 2023 18:39



Tgt Ion: 75 Resp: 23870
Ion Ratio Lower Upper
75 100
155 82.3 41.5 124.6
157 107.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.260 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014129.D

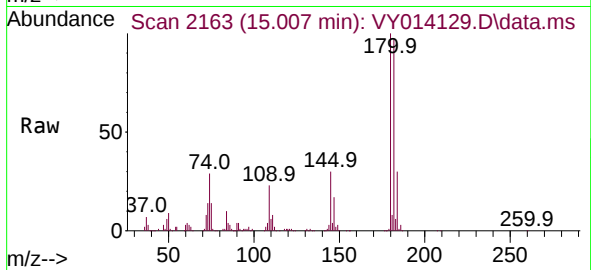
Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 159174

Ion Ratio Lower Upper

180 100

182 95.9 47.0 141.2

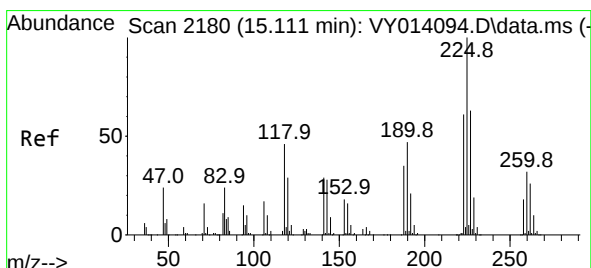
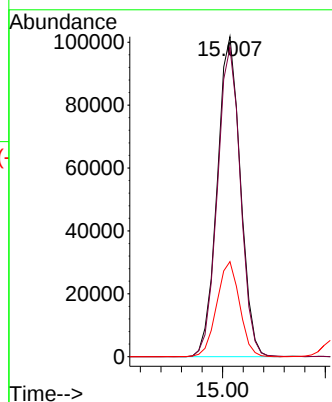
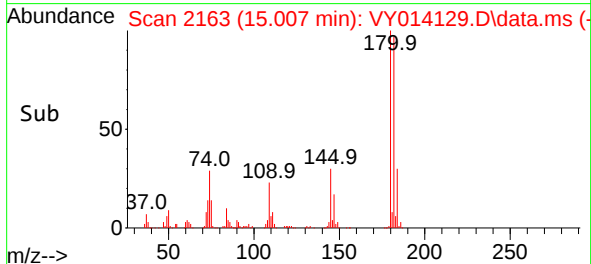
145 29.3 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#94

Hexachlorobutadiene

Concen: 50.873 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

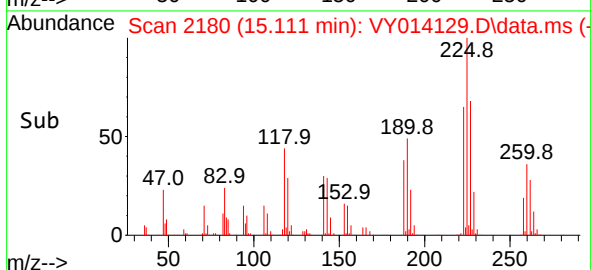
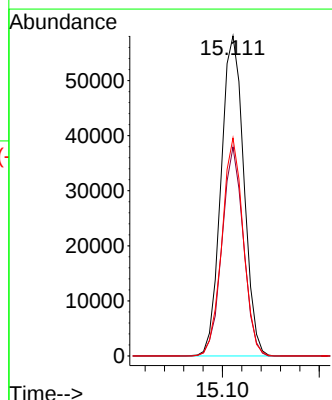
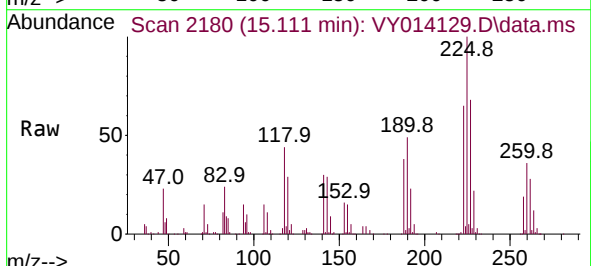
Tgt Ion:225 Resp: 94905

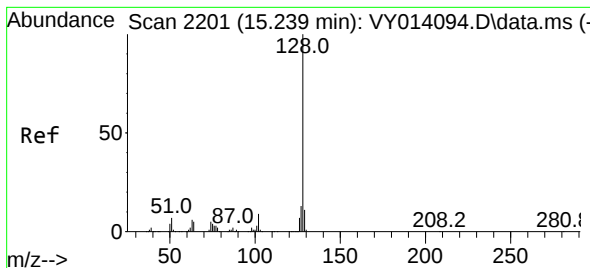
Ion Ratio Lower Upper

225 100

223 61.1 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 50.708 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

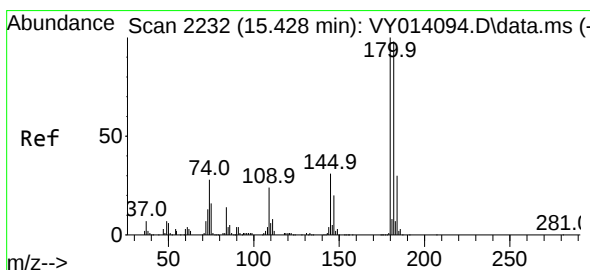
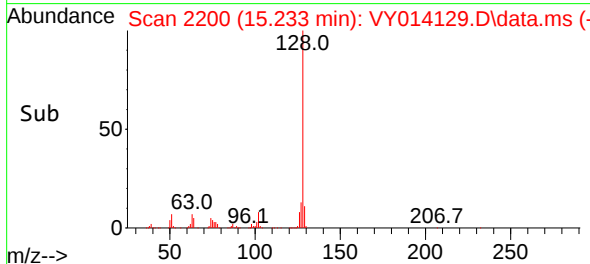
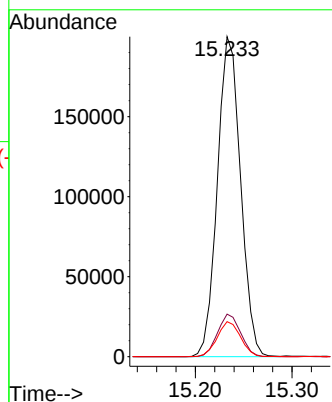
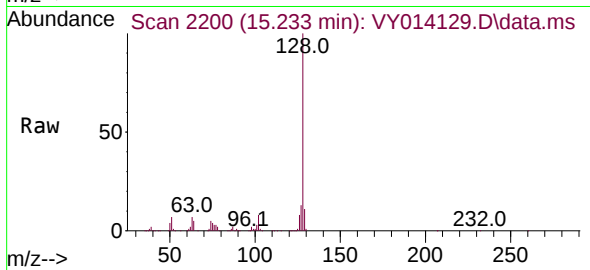
Tgt Ion:128 Resp: 332582
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.8 16.2
 129 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 49.592 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014129.D

Acq: 12 Jun 2023 18:39

Tgt Ion:180 Resp: 144802
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.3 141.8
 145 30.7 15.4 46.2

