

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013659.D
 Acq On : 09 May 2023 11:34
 Operator : KP/MD
 Sample : VY0509SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

Quant Time: May 10 05:34:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	244163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	365528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	139772	52.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.440%	
35) Dibromofluoromethane	7.716	113	123665	53.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.580%	
50) Toluene-d8	10.178	98	417008	50.988	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	12.483	95	157417	57.094	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	54039	23.280	ug/l	100
3) Chloromethane	2.113	50	65919	21.186	ug/l	95
4) Vinyl Chloride	2.253	62	64645	20.867	ug/l	96
5) Bromomethane	2.649	94	52482	21.258	ug/l	99
6) Chloroethane	2.796	64	43730	20.432	ug/l	100
7) Trichlorofluoromethane	3.125	101	109841	23.404	ug/l	98
8) Diethyl Ether	3.527	74	36078	22.574	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	58712	22.303	ug/l	98
10) Methyl Iodide	4.094	142	63521	19.212	ug/l	99
11) Tert butyl alcohol	4.929	59	25913	86.381	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	55310	21.797	ug/l	94
13) Acrolein	3.728	56	22848	92.106	ug/l	94
14) Allyl chloride	4.478	41	99902	21.218	ug/l	97
15) Acrylonitrile	5.167	53	101598	113.511	ug/l	99
16) Acetone	3.954	43	111198	105.495	ug/l	97
17) Carbon Disulfide	4.198	76	163334	19.815	ug/l	98
18) Methyl Acetate	4.478	43	75971	21.822	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	159061	21.712	ug/l	97
20) Methylene Chloride	4.716	84	80283	19.355	ug/l #	87
21) trans-1,2-Dichloroethene	5.216	96	60154	21.681	ug/l	95
22) Diisopropyl ether	6.118	45	208746	22.682	ug/l	91
23) Vinyl Acetate	6.063	43	621987	119.368	ug/l	96
24) 1,1-Dichloroethane	6.015	63	116159	22.647	ug/l	98
25) 2-Butanone	6.990	43	147362	110.237	ug/l	96
26) 2,2-Dichloropropane	6.984	77	107795	24.389	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	69993	22.833	ug/l	94
28) Bromochloromethane	7.331	49	42143	23.154	ug/l	82
29) Tetrahydrofuran	7.350	42	88442	106.286	ug/l	91
30) Chloroform	7.508	83	120355	23.601	ug/l	97
31) Cyclohexane	7.789	56	100679	21.009	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	106304	23.360	ug/l	98
36) 1,1-Dichloropropene	7.923	75	87674	22.978	ug/l	97
37) Ethyl Acetate	7.075	43	63279	22.038	ug/l	96
38) Carbon Tetrachloride	7.898	117	97795	24.454	ug/l	96
39) Methylcyclohexane	9.185	83	99970	22.225	ug/l	94
40) Benzene	8.161	78	255153	23.740	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	28239	21.105	ug/l	94
42) 1,2-Dichloroethane	8.240	62	87937	25.026	ug/l	98
43) Isopropyl Acetate	8.270	43	109239	22.540	ug/l	98
44) Trichloroethene	8.941	130	68154	23.839	ug/l	99
45) 1,2-Dichloropropane	9.215	63	65789	23.411	ug/l	98
46) Dibromomethane	9.307	93	39026	23.210	ug/l	97
47) Bromodichloromethane	9.496	83	91931	24.434	ug/l	99
48) Methyl methacrylate	9.294	41	49174	22.093	ug/l	94
49) 1,4-Dioxane	9.307	88	10099	420.538	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	309692	114.672	ug/l	96
52) Toluene	10.246	92	157797	24.398	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	94448	23.719	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	104912	23.415	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	52948	23.778	ug/l	96
56) Ethyl methacrylate	10.508	69	71141	23.029	ug/l	91
57) 1,3-Dichloropropane	10.788	76	90195	23.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	145569	125.662	ug/l	93
59) 2-Hexanone	10.831	43	230771	117.550	ug/l	95
60) Dibromochloromethane	10.983	129	65899	24.373	ug/l	99
61) 1,2-Dibromoethane	11.087	107	52312	23.895	ug/l	97
64) Tetrachloroethene	10.721	164	58605	23.035	ug/l	95
65) Chlorobenzene	11.514	112	166663	22.867	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	65120	23.890	ug/l	99
67) Ethyl Benzene	11.593	91	295457	23.085	ug/l	98
68) m/p-Xylenes	11.703	106	229340	47.137	ug/l	99
69) o-Xylene	12.032	106	105522	22.932	ug/l	96
70) Styrene	12.044	104	182112	23.670	ug/l	99
71) Bromoform	12.209	173	44442	23.276	ug/l	100
73) Isopropylbenzene	12.331	105	287215	22.560	ug/l	98
74) N-amyl acetate	12.142	43	94607	20.882	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	68742	22.090	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	87453	38.525	ug/l #	100
77) Bromobenzene	12.611	156	71010	23.019	ug/l	94
78) n-propylbenzene	12.672	91	357876	22.822	ug/l	97
79) 2-Chlorotoluene	12.757	91	200316	22.875	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	240005	23.097	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	23440	21.122	ug/l	95
82) 4-Chlorotoluene	12.855	91	211604	23.184	ug/l	97
83) tert-Butylbenzene	13.074	119	205691	22.848	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	237576	23.516	ug/l	99
85) sec-Butylbenzene	13.251	105	313172	23.179	ug/l	99
86) p-Isopropyltoluene	13.367	119	257168	23.669	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	138566	23.577	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	138826	23.384	ug/l	99
89) n-Butylbenzene	13.696	91	245690	23.168	ug/l	98
90) Hexachloroethane	13.958	117	52473	22.946	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	123764	23.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11966	21.773	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	75820	23.962	ug/l	98
94) Hexachlorobutadiene	15.111	225	47894	26.008	ug/l	99
95) Naphthalene	15.239	128	151390	22.051	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	68840	24.410	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

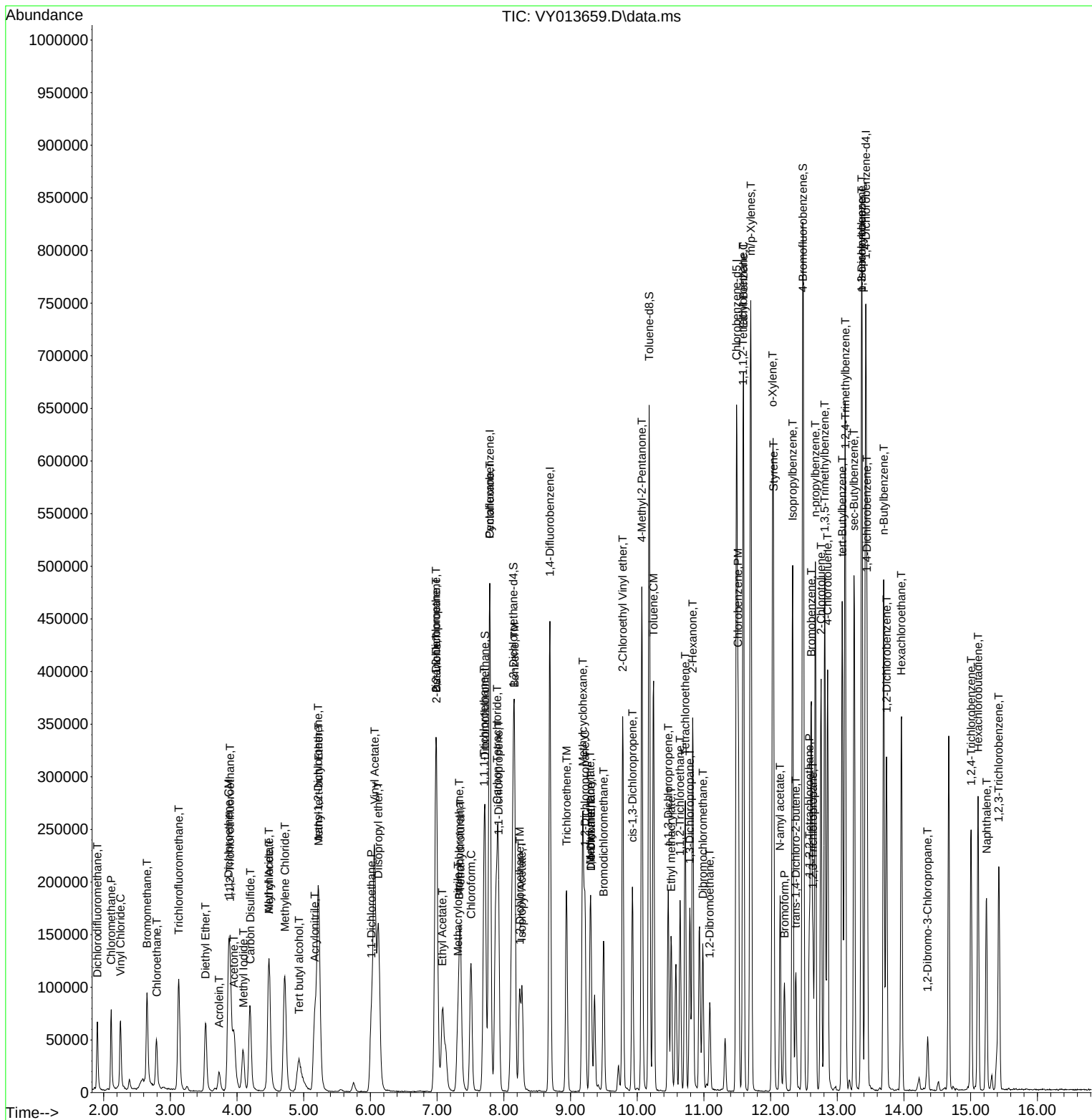
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBSD01

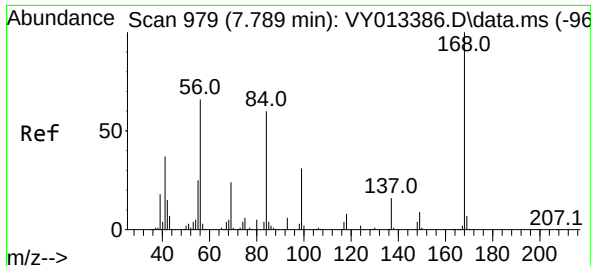
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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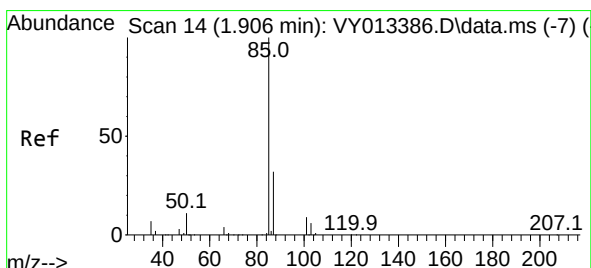
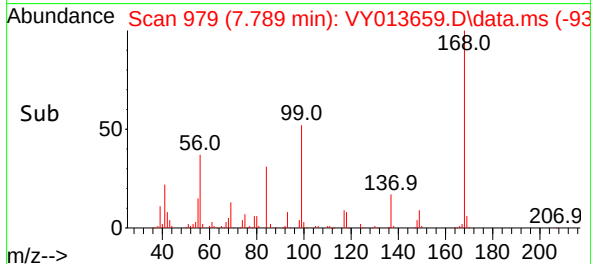
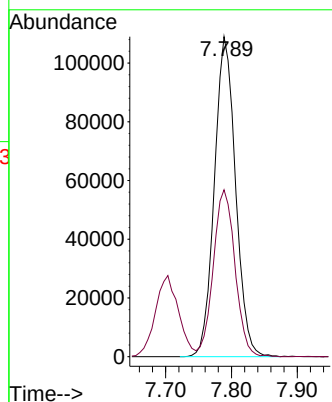
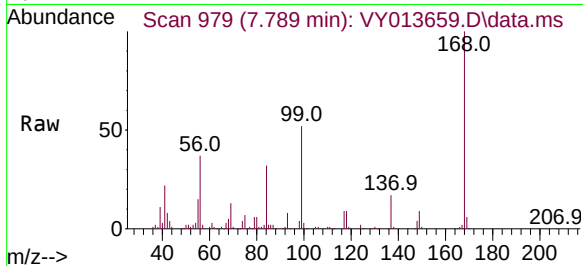




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013659.D
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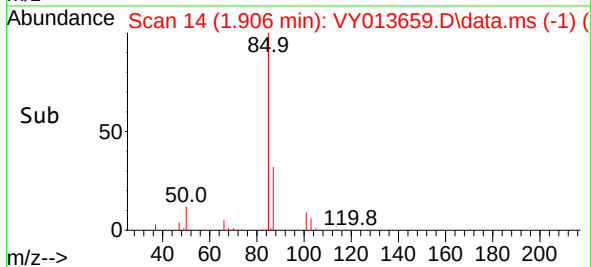
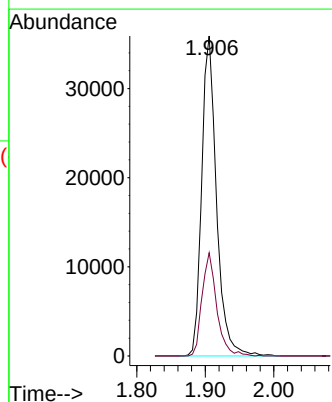
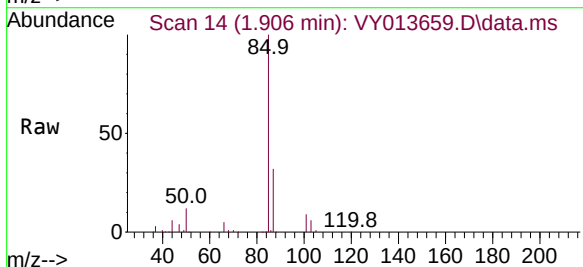
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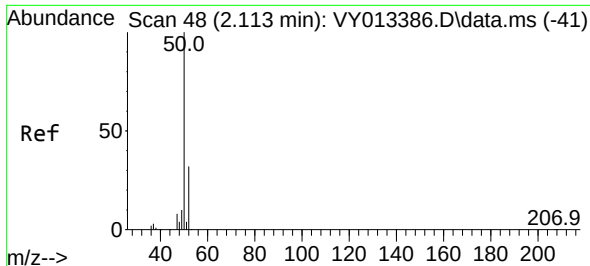
Tgt Ion:168 Resp: 244163
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 23.280 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 85 Resp: 54039
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2

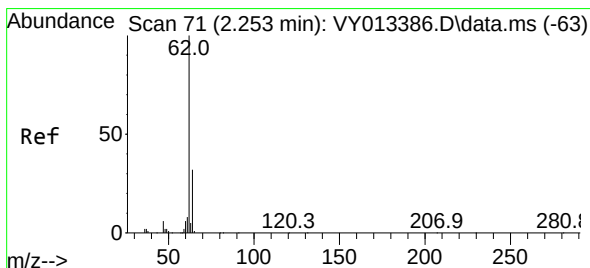
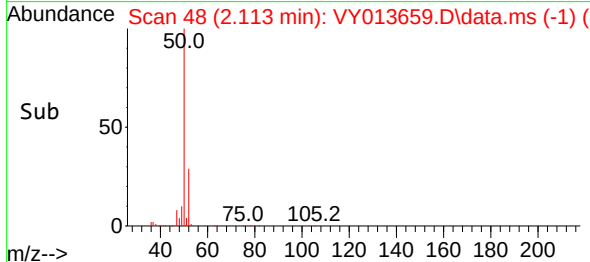
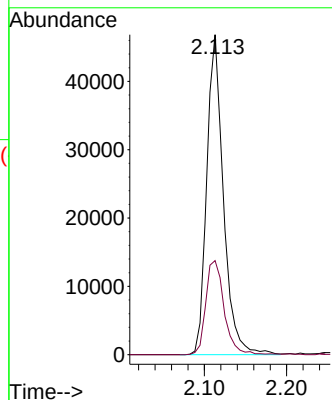
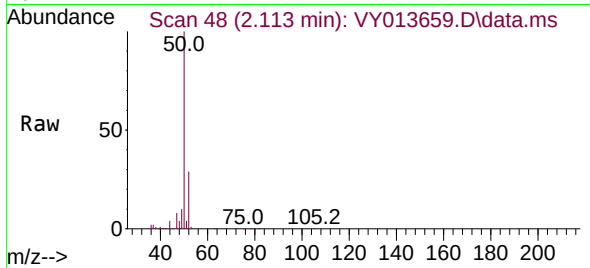




#3
Chloromethane
Concen: 21.186 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

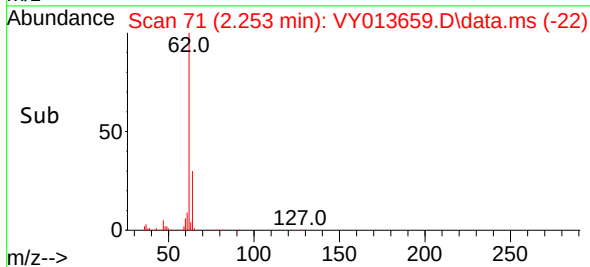
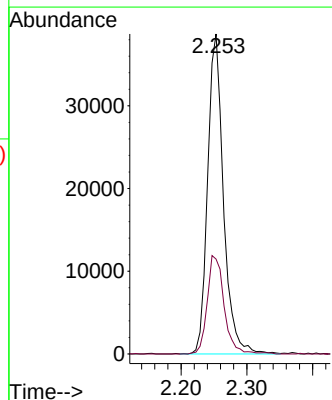
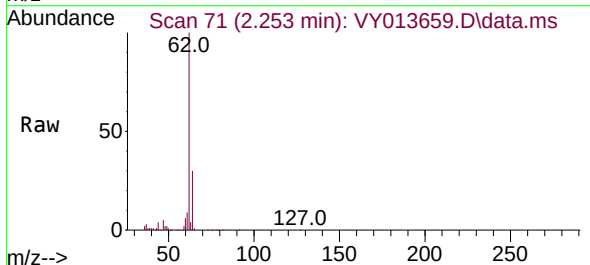
Instrument :
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ClientSampleId :
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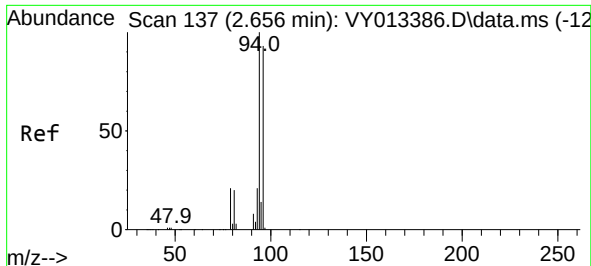
Tgt Ion: 50 Resp: 65919
Ion Ratio Lower Upper
50 100
52 29.4 25.9 38.9



#4
Vinyl Chloride
Concen: 20.867 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 62 Resp: 64645
Ion Ratio Lower Upper
62 100
64 29.7 25.4 38.0

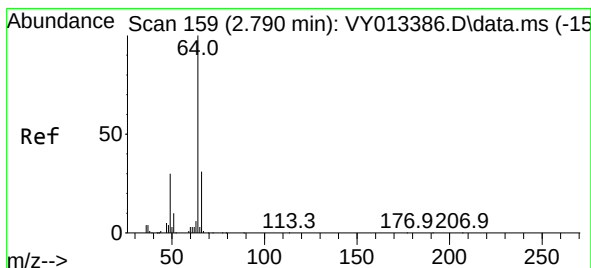
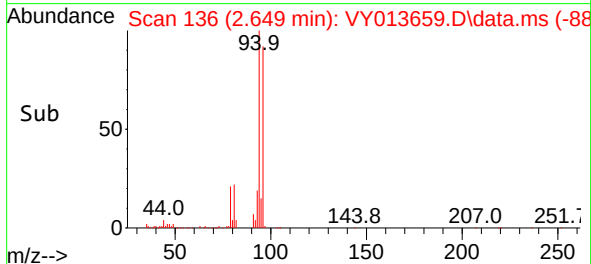
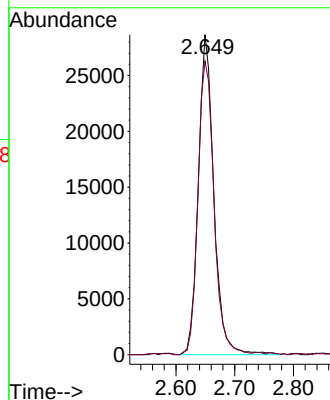
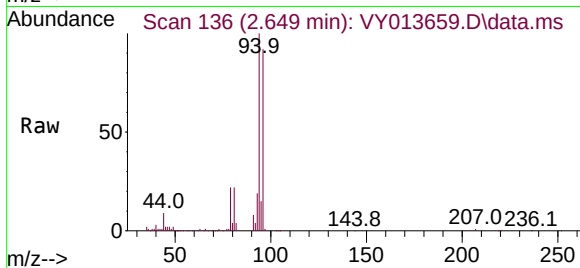




#5
Bromomethane
Concen: 21.258 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

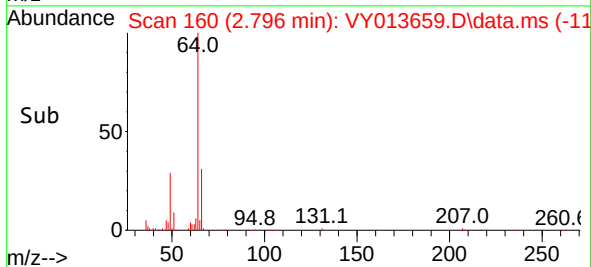
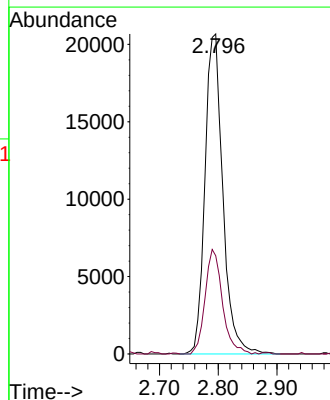
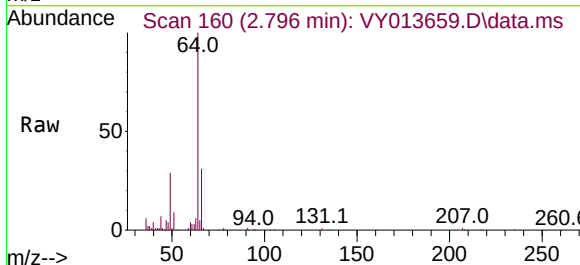
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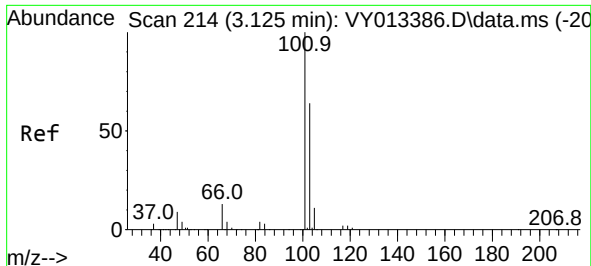
Tgt Ion: 94 Resp: 52482
Ion Ratio Lower Upper
94 100
96 91.7 74.2 111.2



#6
Chloroethane
Concen: 20.432 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 64 Resp: 43730
Ion Ratio Lower Upper
64 100
66 30.7 24.6 37.0

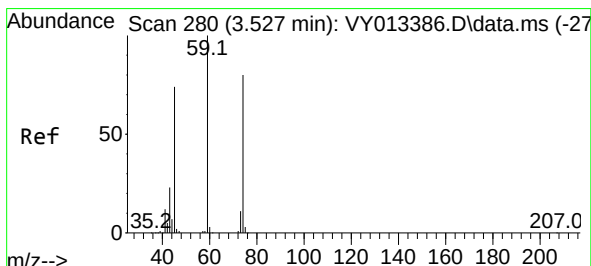
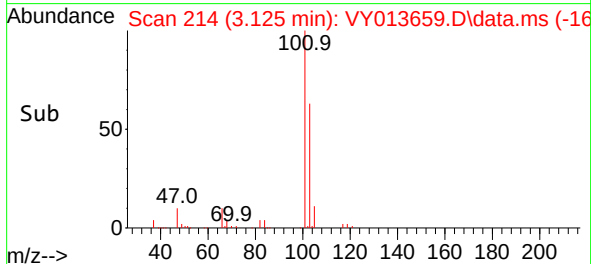
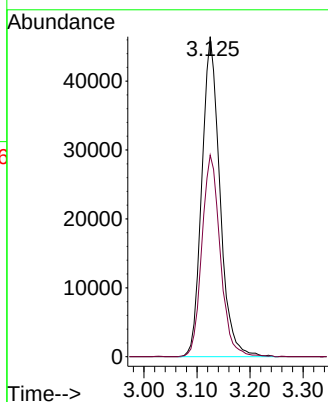
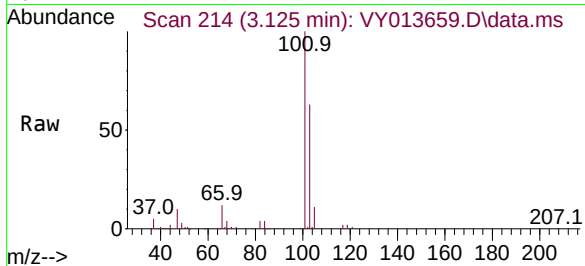




#7
 Trichlorofluoromethane
 Concen: 23.404 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY013659.D
 Acq: 09 May 2023 11:34

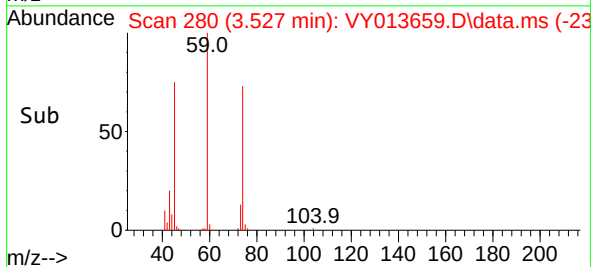
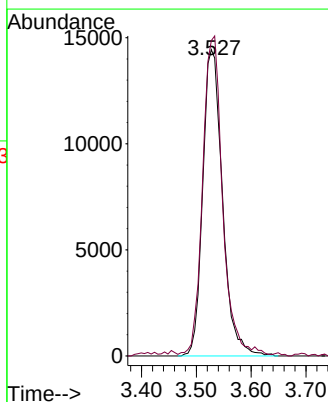
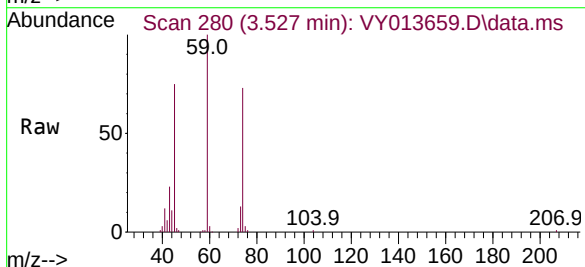
Instrument :
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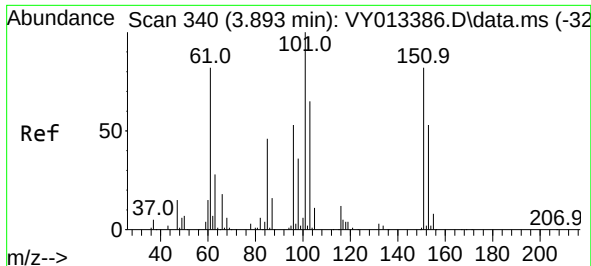
Tgt Ion:101 Resp: 109841
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.6 77.4



#8
 Diethyl Ether
 Concen: 22.574 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 36078
 Ion Ratio Lower Upper
 74 100
 45 104.3 48.2 144.6

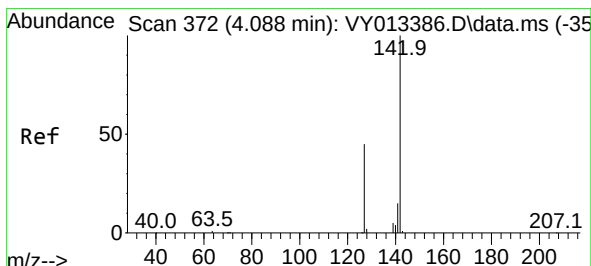
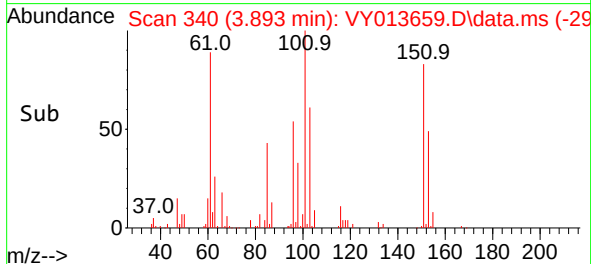
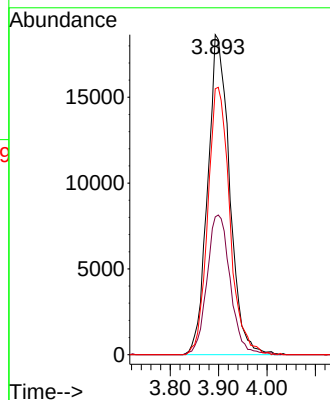
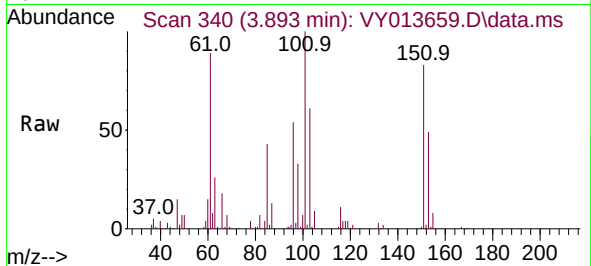




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.303 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

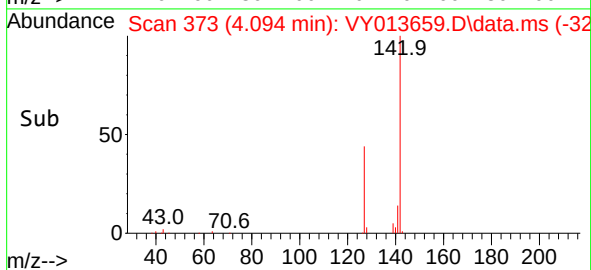
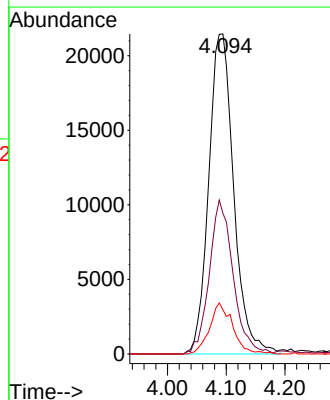
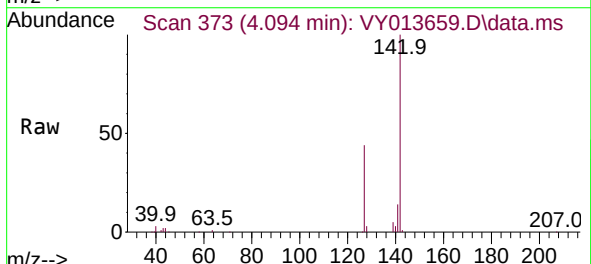
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBSD01

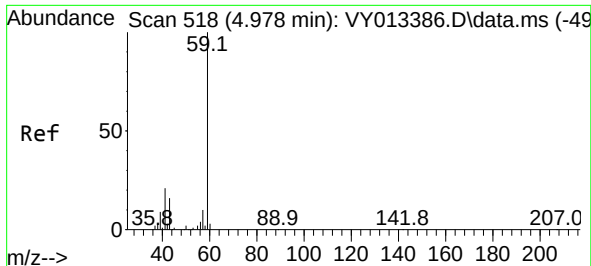
Tgt Ion:101 Resp: 58712
Ion Ratio Lower Upper
101 100
85 46.2 35.6 53.4
151 84.0 68.0 102.0



#10
Methyl Iodide
Concen: 19.212 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion:142 Resp: 63521
Ion Ratio Lower Upper
142 100
127 45.7 36.1 54.1
141 14.8 11.6 17.4

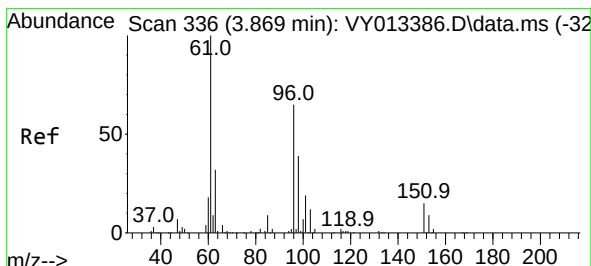
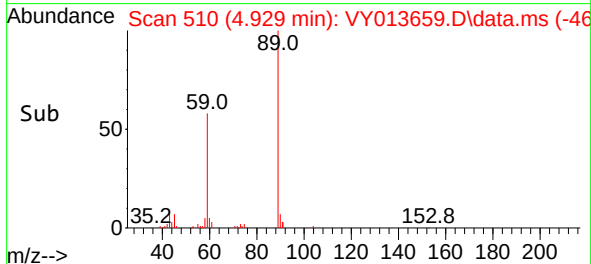
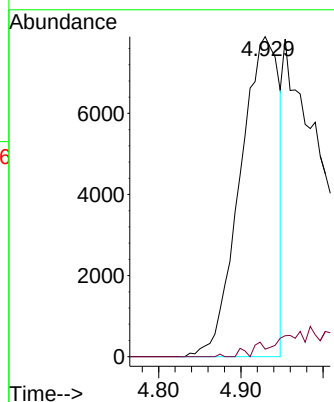
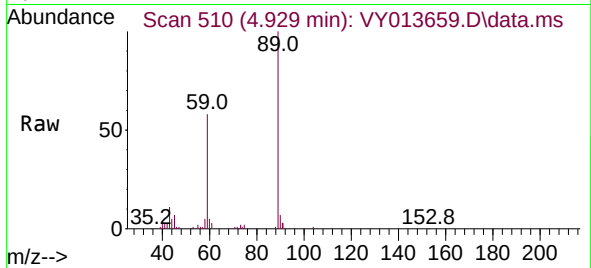




#11
Tert butyl alcohol
Concen: 86.381 ug/l
RT: 4.929 min Scan# 518
Delta R.T. -0.049 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

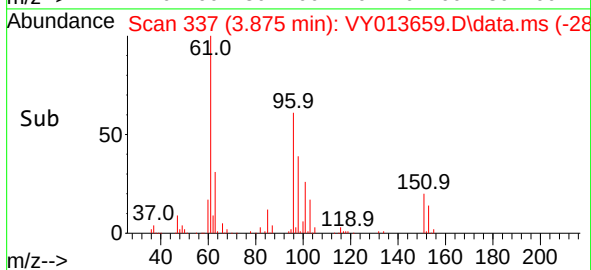
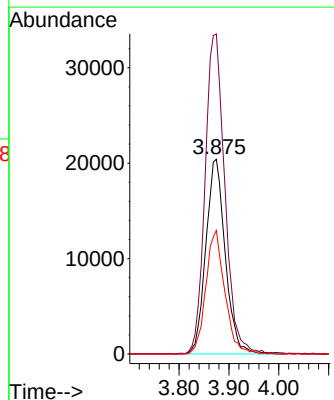
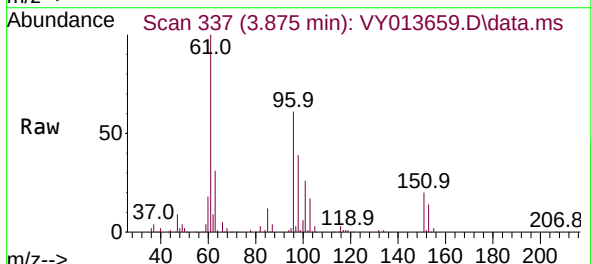
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

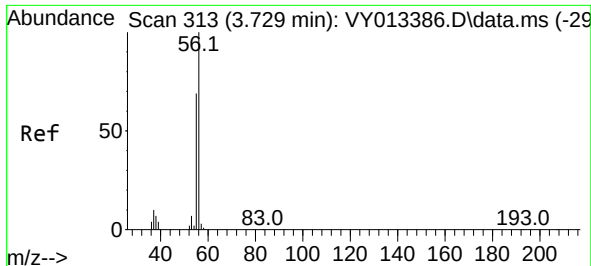
Tgt Ion: 59 Resp: 25913
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.797 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 96 Resp: 55310
Ion Ratio Lower Upper
96 100
61 163.9 123.9 185.9
98 63.4 48.9 73.3





#13

Acrolein

Concen: 92.106 ug/l

RT: 3.728 min Scan# 313

Delta R.T. -0.001 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

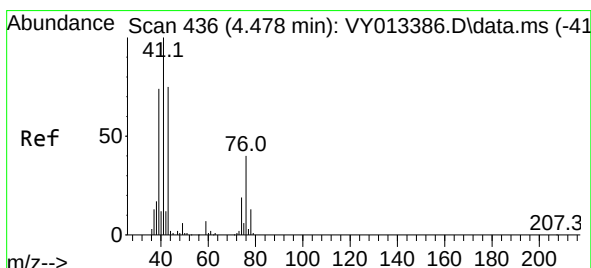
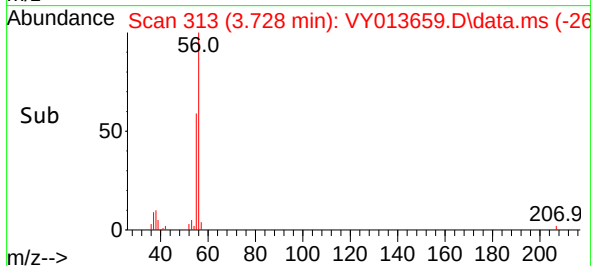
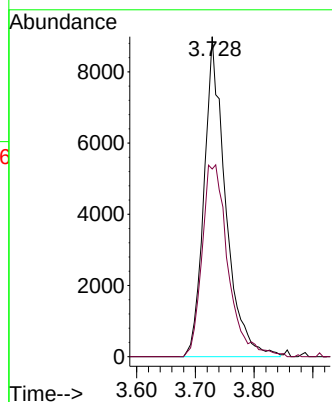
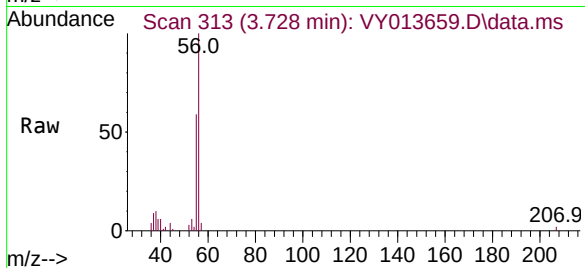
VY0509SBS01

Tgt Ion: 56 Resp: 22848

Ion Ratio Lower Upper

56 100

55 72.6 54.1 81.1



#14

Allyl chloride

Concen: 21.218 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

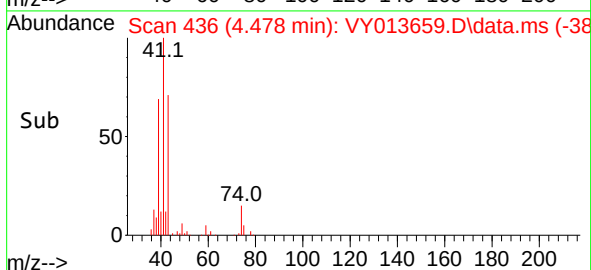
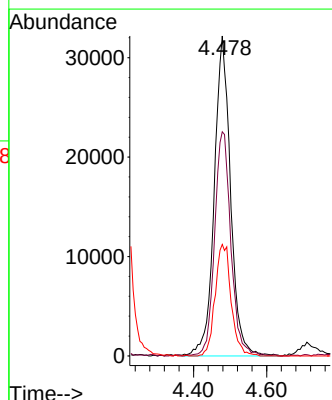
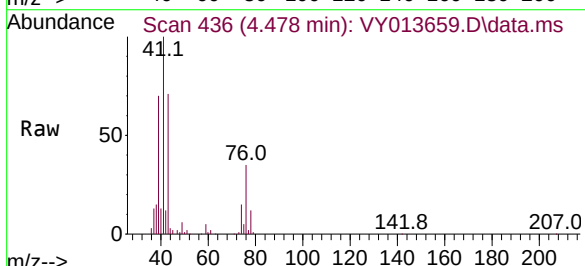
Tgt Ion: 41 Resp: 99902

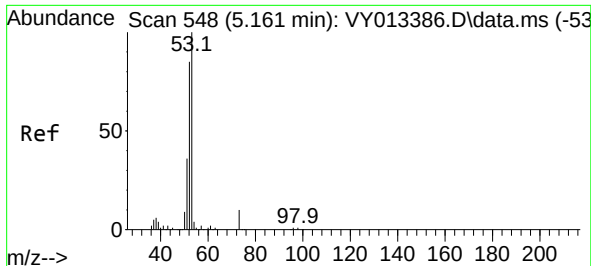
Ion Ratio Lower Upper

41 100

39 70.0 56.6 85.0

76 34.2 30.5 45.7

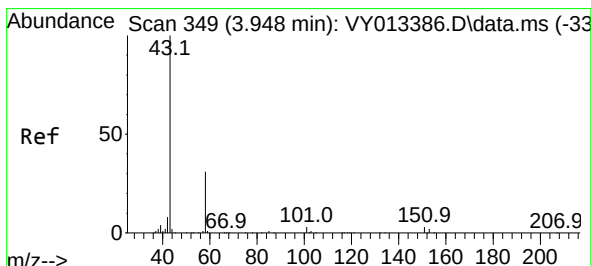
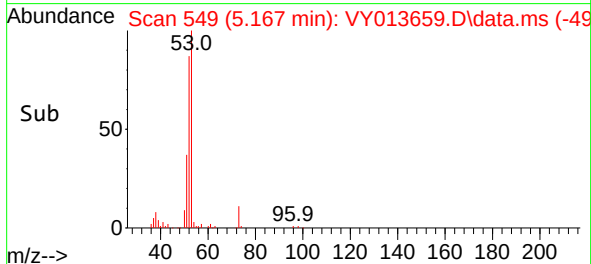
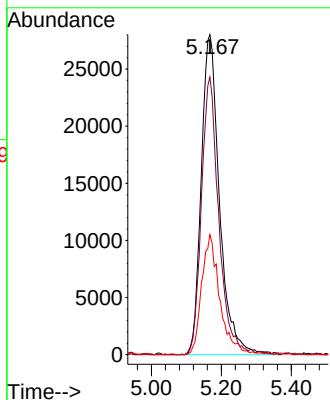
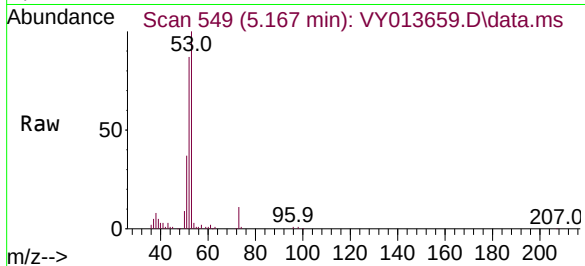




#15
Acrylonitrile
Concen: 113.511 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

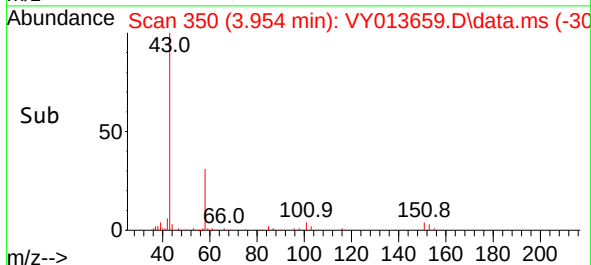
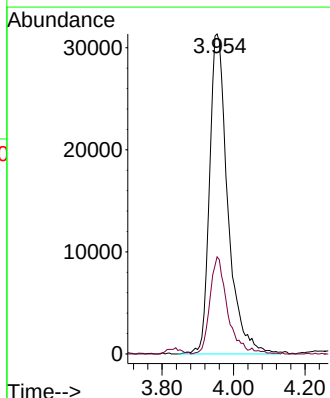
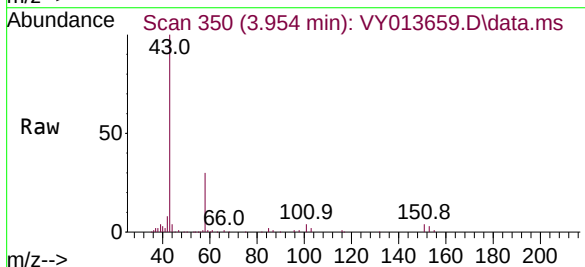
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

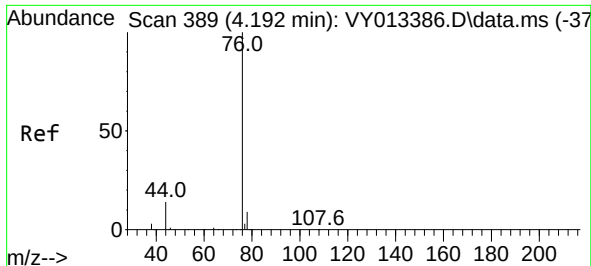
Tgt Ion: 53 Resp: 101598
Ion Ratio Lower Upper
53 100
52 82.2 65.4 98.0
51 37.3 29.3 43.9



#16
Acetone
Concen: 105.495 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 43 Resp: 111198
Ion Ratio Lower Upper
43 100
58 30.1 25.4 38.0

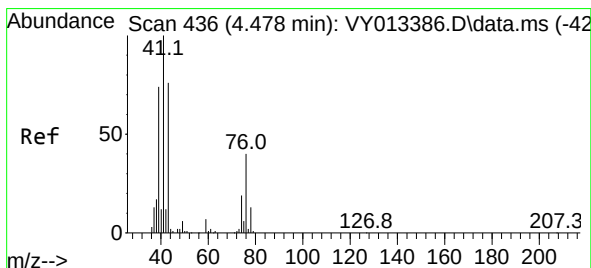
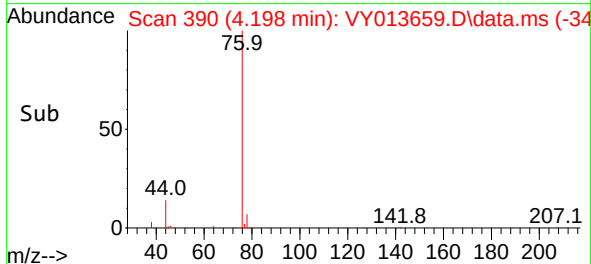
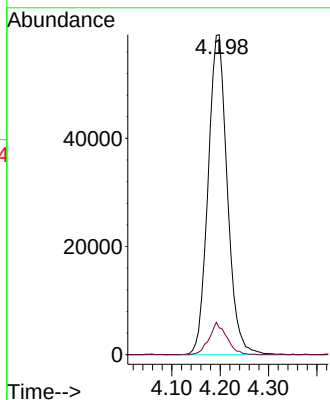
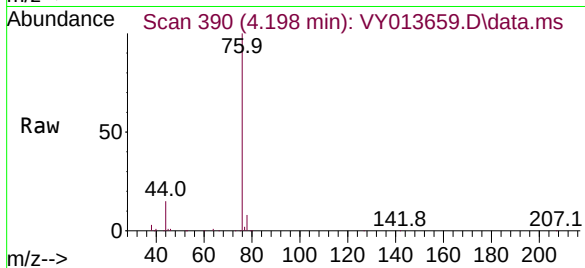




#17
Carbon Disulfide
Concen: 19.815 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

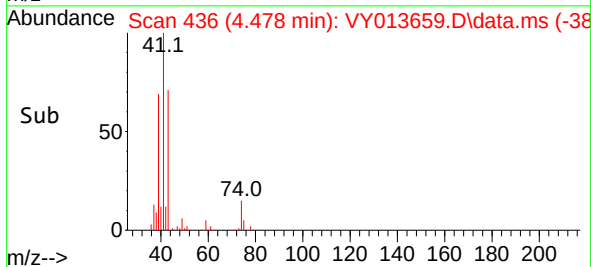
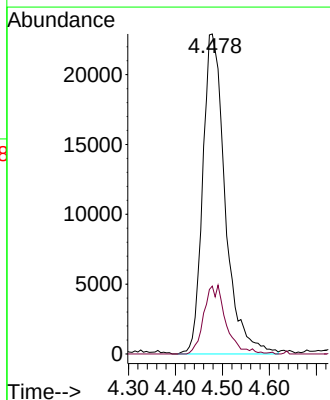
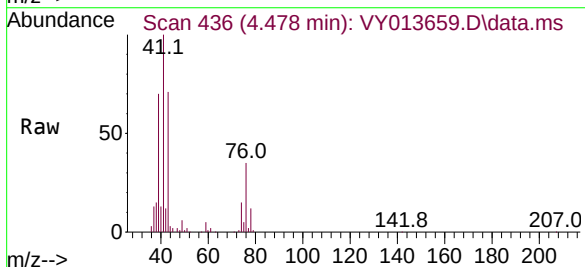
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBSD01

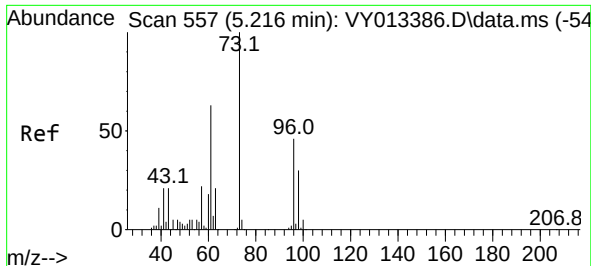
Tgt Ion: 76 Resp: 163334
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 21.822 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 43 Resp: 75971
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.2

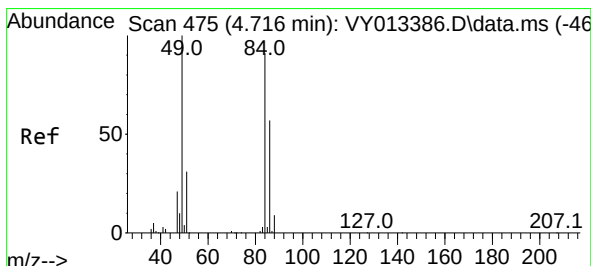
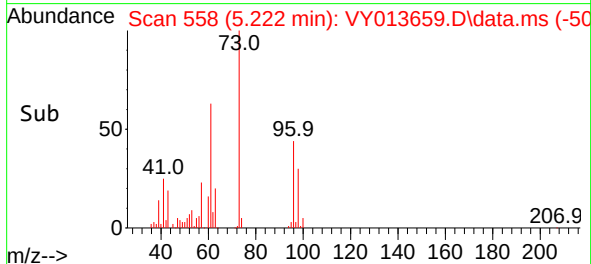
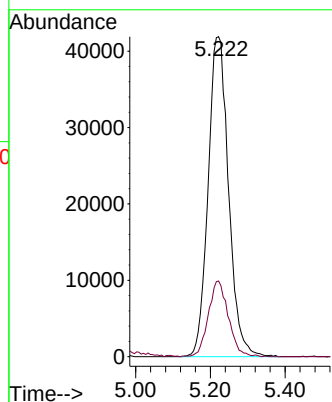
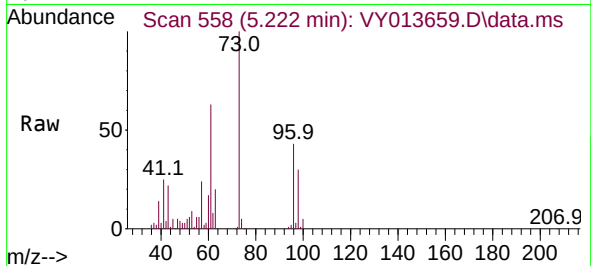




#19
Methyl tert-butyl Ether
Concen: 21.712 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

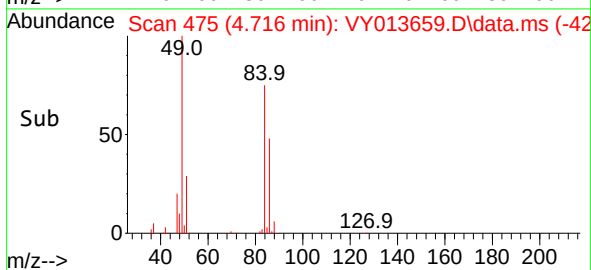
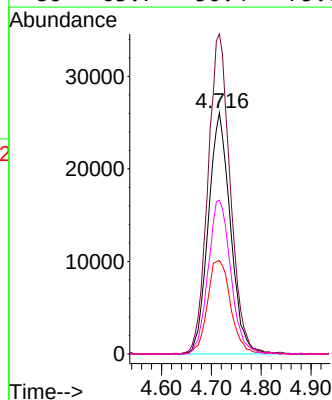
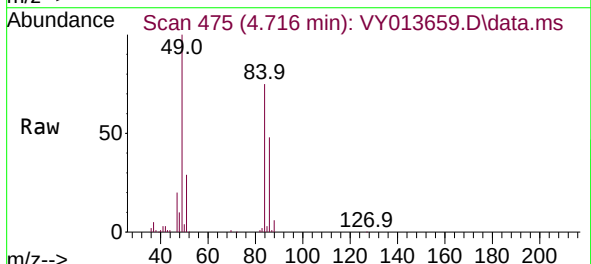
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

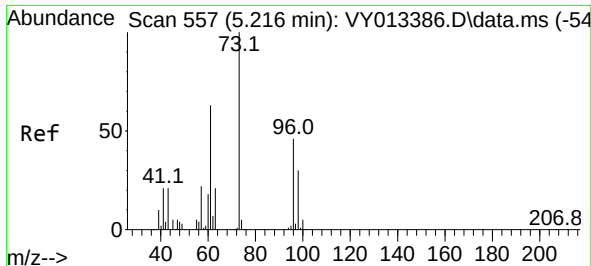
Tgt Ion: 73 Resp: 159061
Ion Ratio Lower Upper
73 100
57 23.6 17.8 26.8



#20
Methylene Chloride
Concen: 19.355 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 84 Resp: 80283
Ion Ratio Lower Upper
84 100
49 132.6 88.0 132.0#
51 38.8 27.4 41.0
86 63.7 50.4 75.6

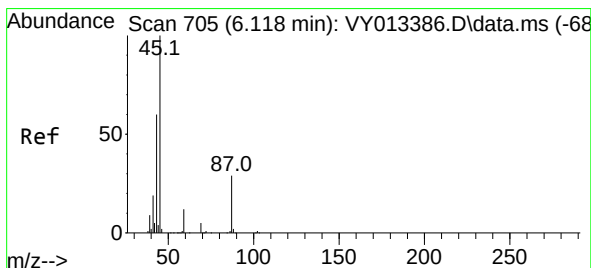
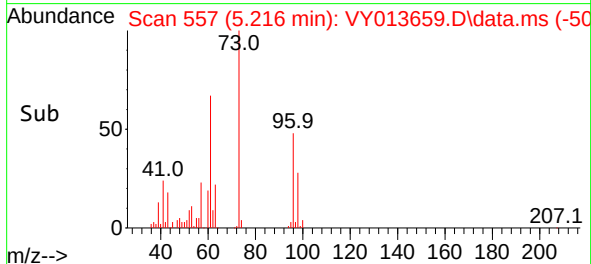
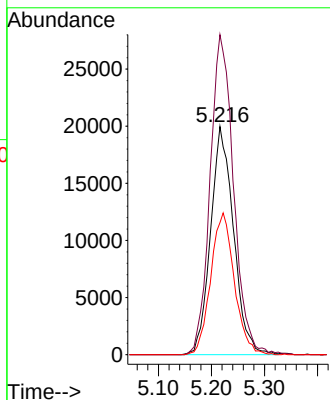
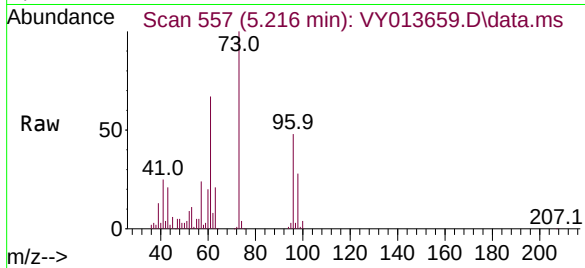




#21
trans-1,2-Dichloroethene
Concen: 21.681 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

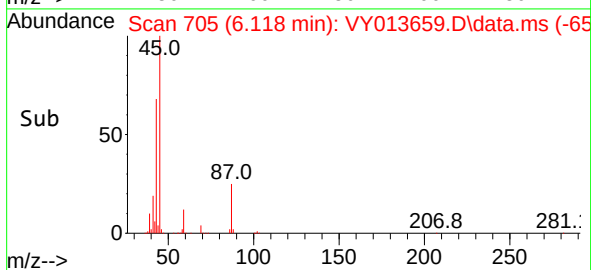
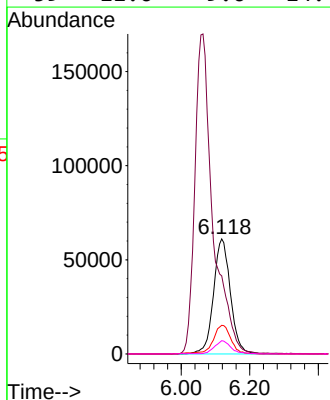
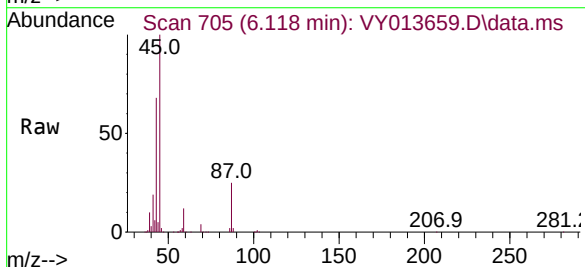
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBSD01

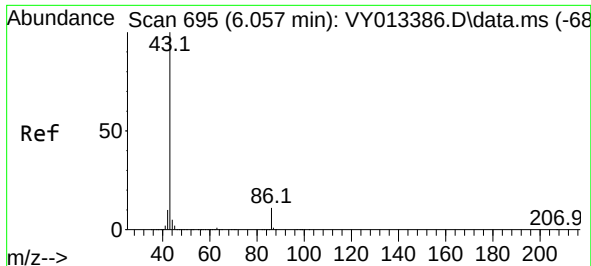
Tgt Ion: 96 Resp: 60154
Ion Ratio Lower Upper
96 100
61 140.2 110.6 165.8
98 57.9 53.1 79.7



#22
Diisopropyl ether
Concen: 22.682 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 45 Resp: 208746
Ion Ratio Lower Upper
45 100
43 67.9 48.4 72.6
87 24.9 23.8 35.6
59 11.6 9.6 14.4

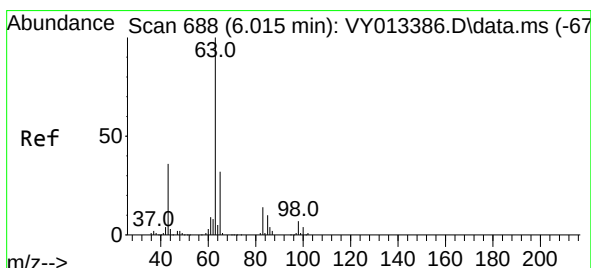
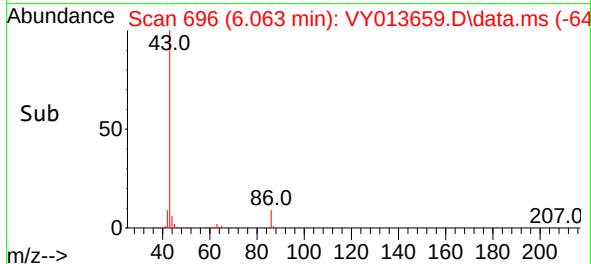
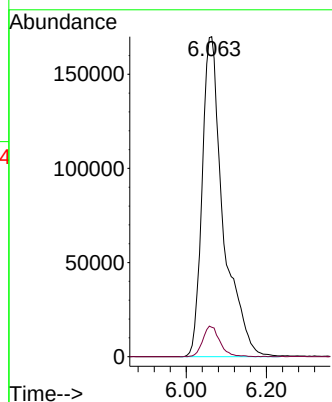
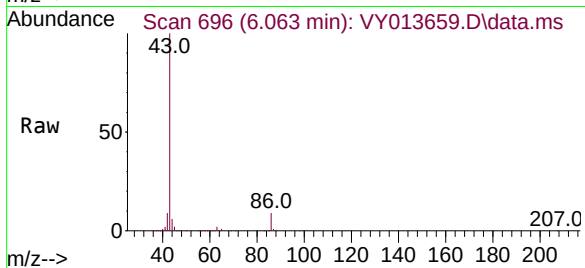




#23
 Vinyl Acetate
 Concen: 119.368 ug/l
 RT: 6.063 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY013659.D
 Acq: 09 May 2023 11:34

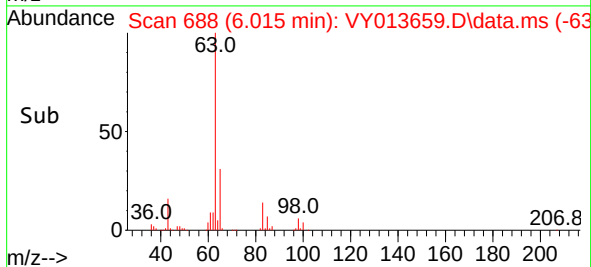
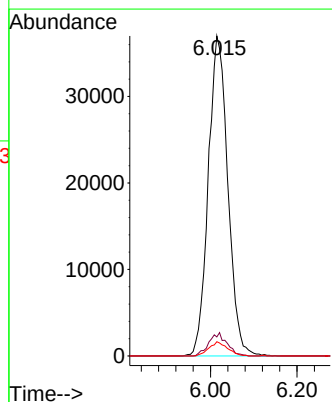
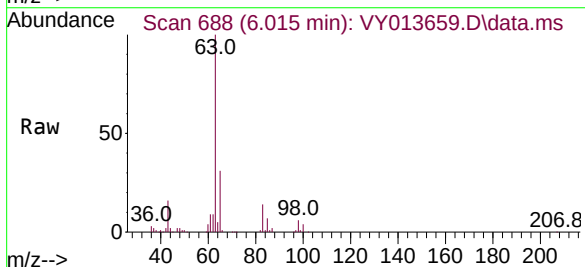
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

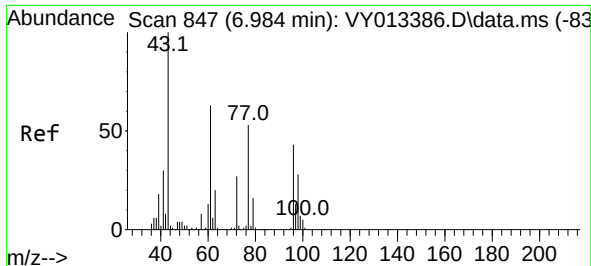
Tgt Ion: 43 Resp: 621987
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 22.647 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013659.D
 Acq: 09 May 2023 11:34

Tgt Ion: 63 Resp: 116159
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.5 10.6
 100 4.4 2.2 6.6

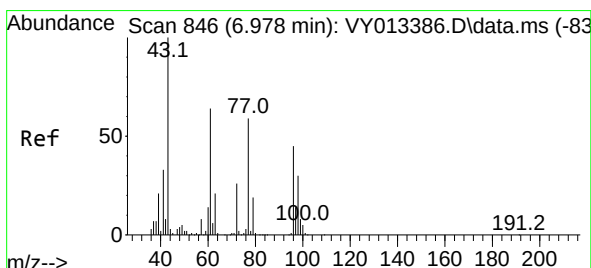
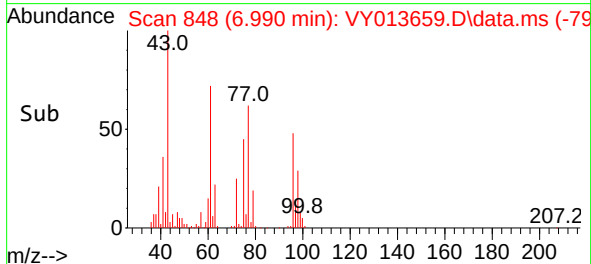
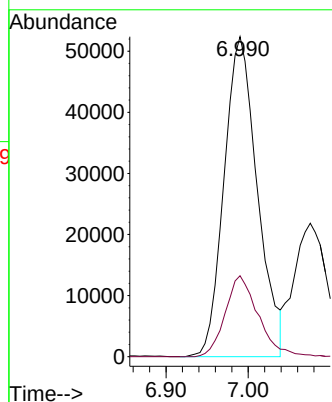
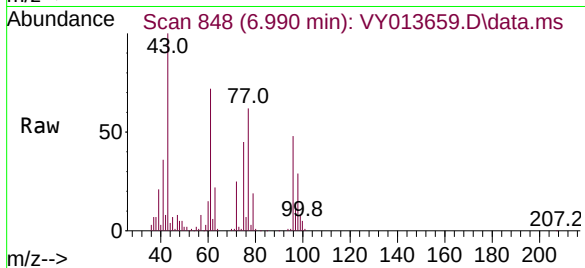




#25
2-Butanone
Concen: 110.237 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

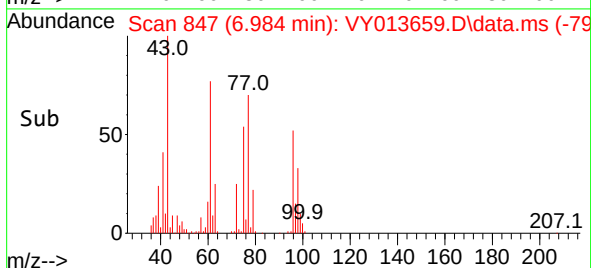
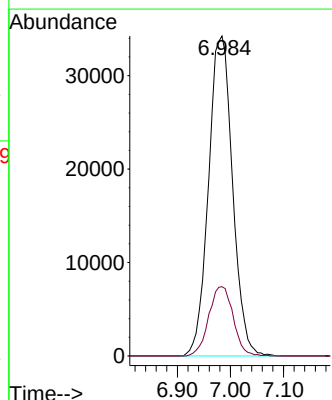
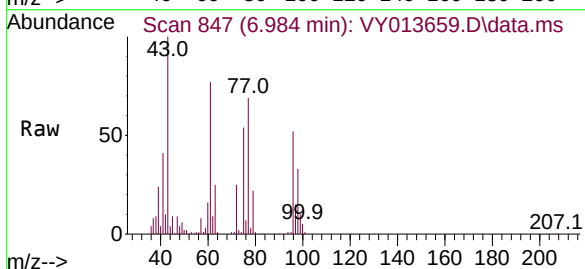
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

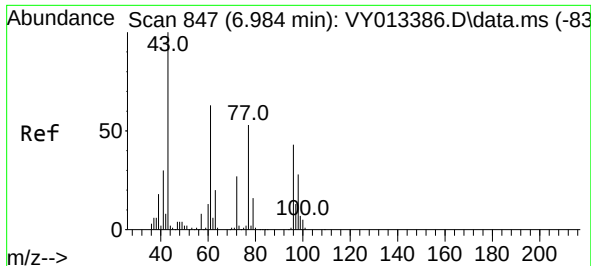
Tgt Ion: 43 Resp: 147362
Ion Ratio Lower Upper
43 100
72 25.3 21.9 32.9



#26
2,2-Dichloropropane
Concen: 24.389 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 77 Resp: 107795
Ion Ratio Lower Upper
77 100
97 22.0 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 22.833 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

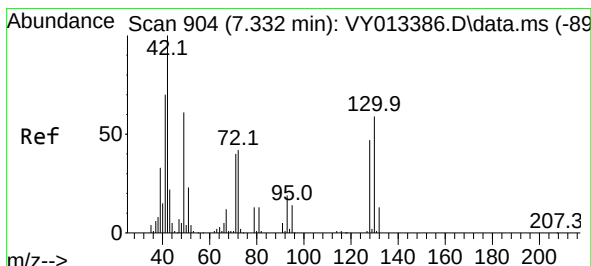
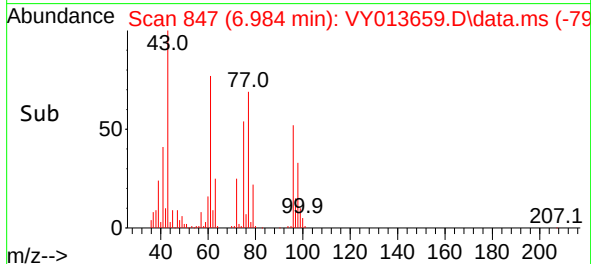
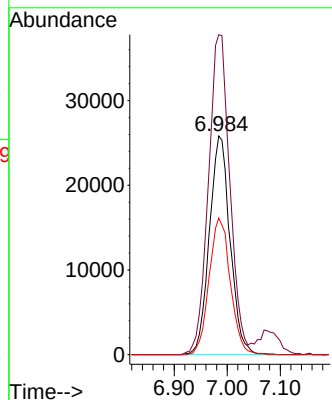
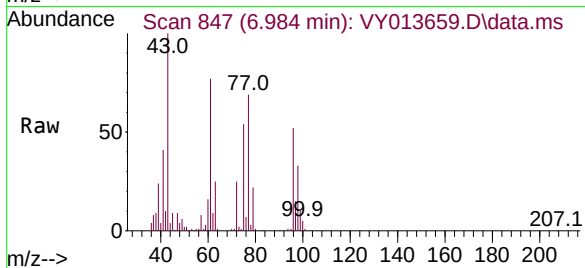
Tgt Ion: 96 Resp: 69993

Ion Ratio Lower Upper

96 100

61 152.6 0.0 285.0

98 64.0 0.0 130.6



#28

Bromochloromethane

Concen: 23.154 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.001 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

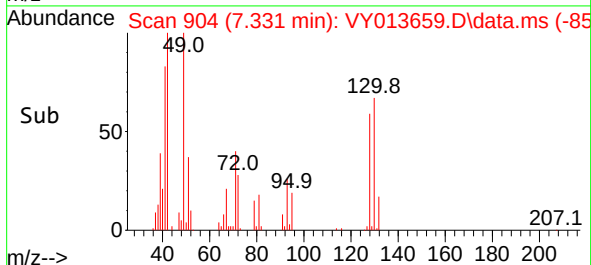
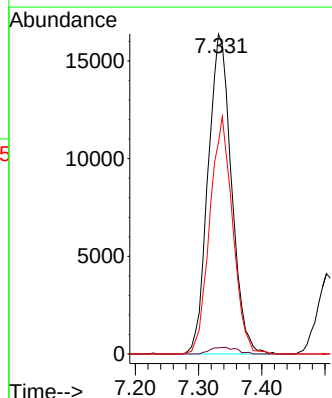
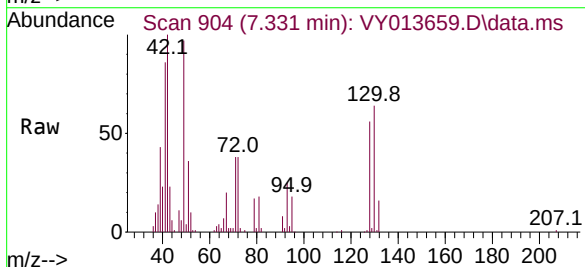
Tgt Ion: 49 Resp: 42143

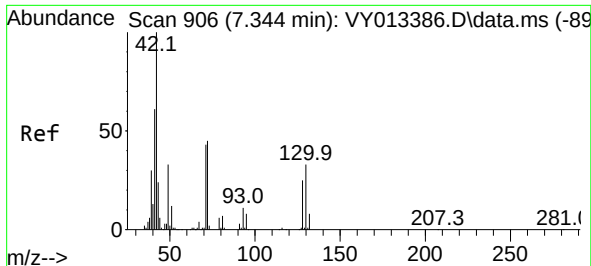
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.2

130 72.4 72.1 108.1





#29

Tetrahydrofuran

Concen: 106.286 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

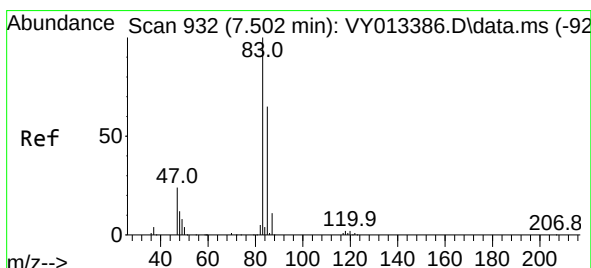
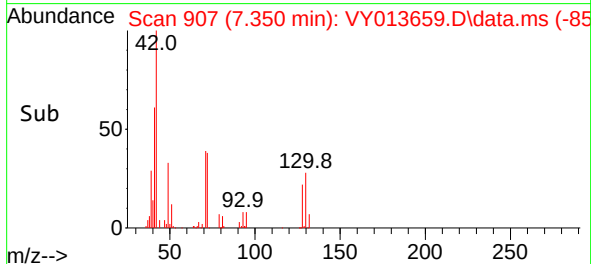
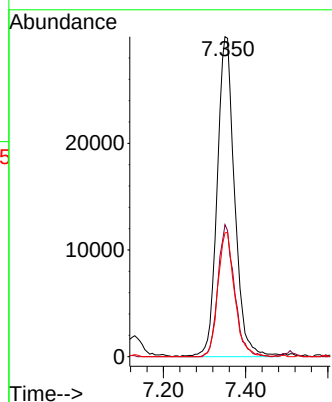
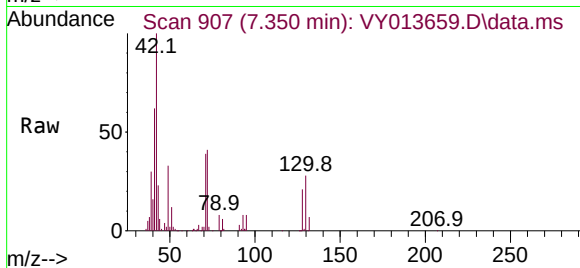
Tgt Ion: 42 Resp: 88442

Ion Ratio Lower Upper

42 100

72 38.9 35.9 53.9

71 37.4 34.3 51.5



#30

Chloroform

Concen: 23.601 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY013659.D

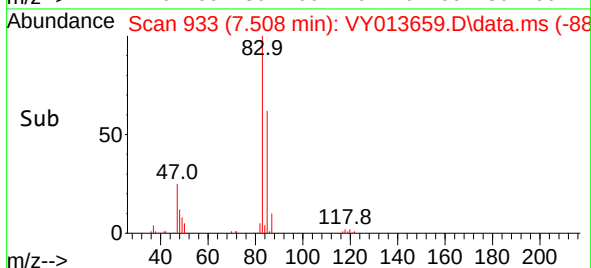
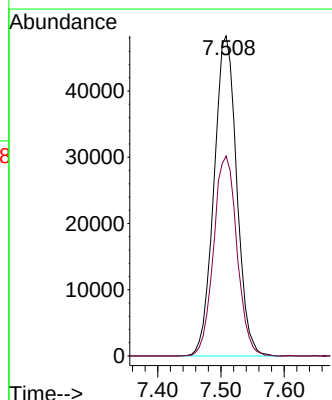
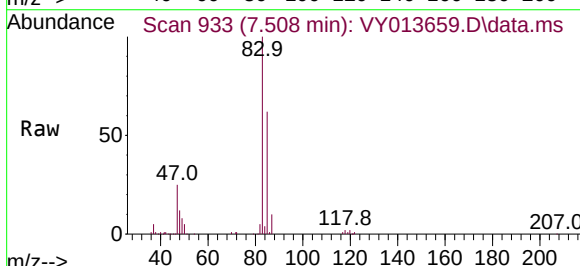
Acq: 09 May 2023 11:34

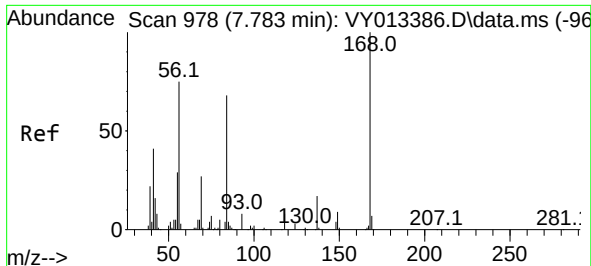
Tgt Ion: 83 Resp: 120355

Ion Ratio Lower Upper

83 100

85 62.4 52.0 78.0

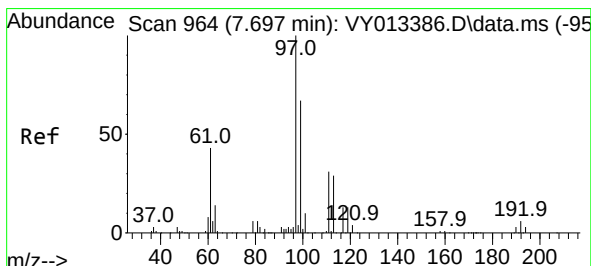
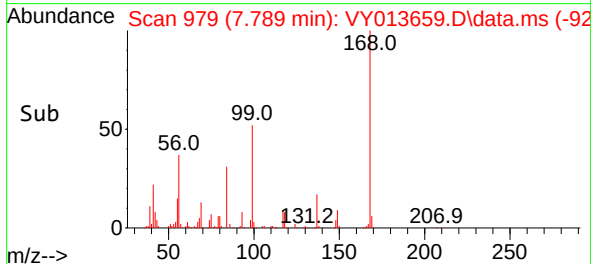
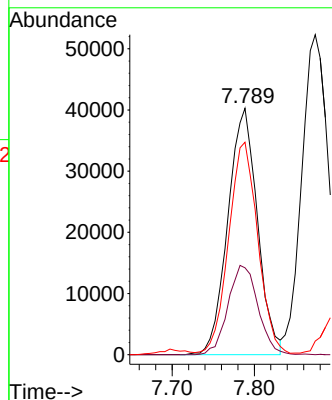
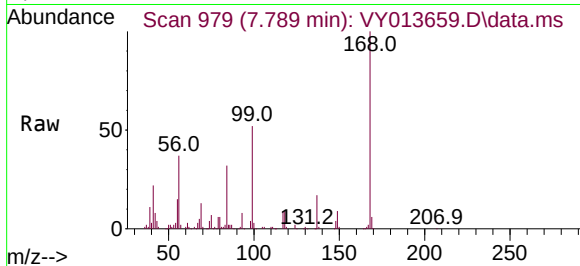




#31
Cyclohexane
Concen: 21.009 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

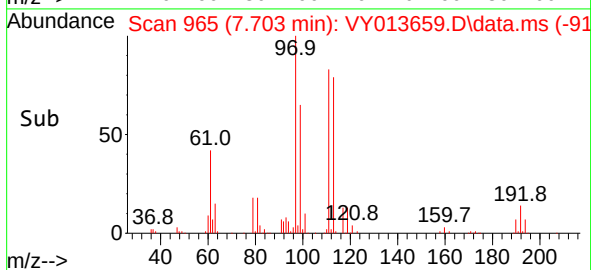
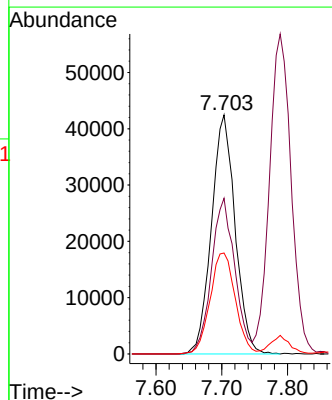
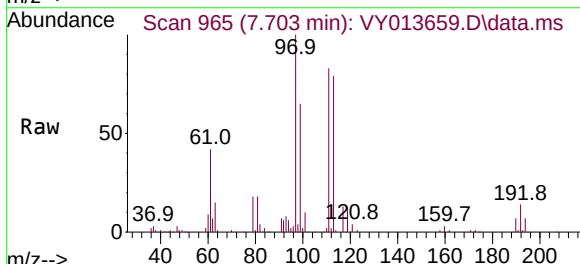
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

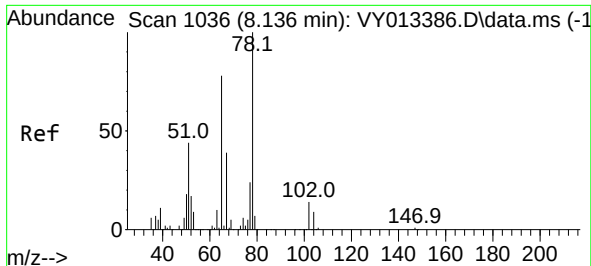
Tgt Ion: 56 Resp: 100679
Ion Ratio Lower Upper
56 100
69 35.3 29.2 43.8
84 84.8 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 23.360 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 97 Resp: 106304
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.2
61 44.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.221 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

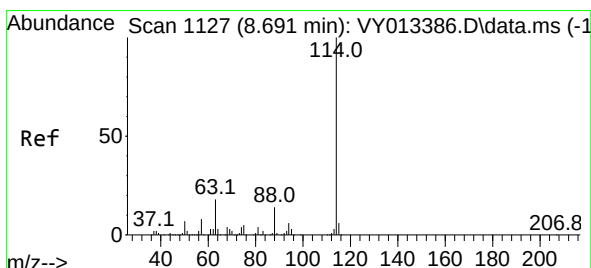
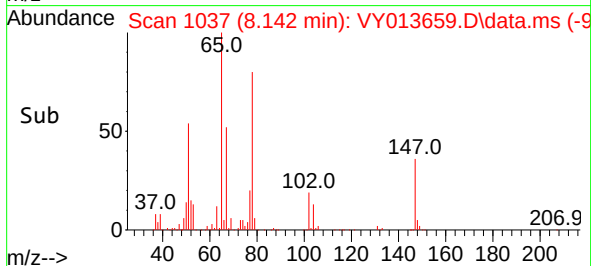
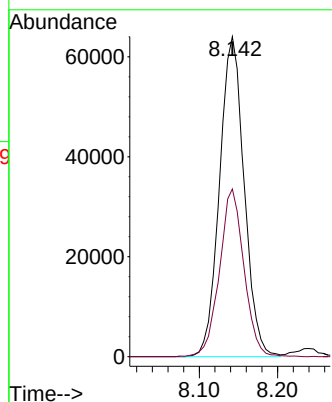
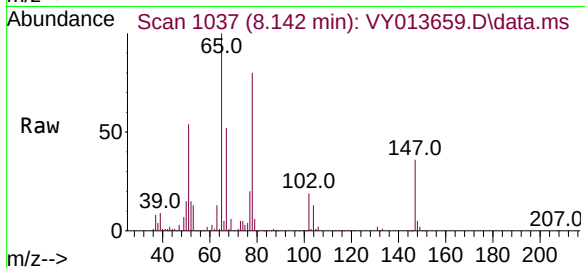
VY0509SBS01

Tgt Ion: 65 Resp: 139772

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

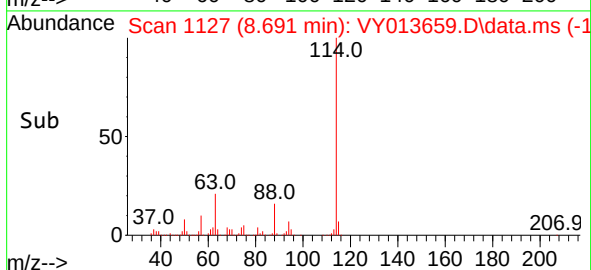
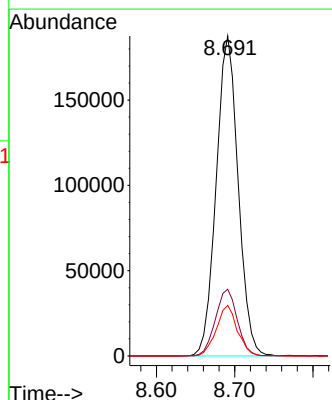
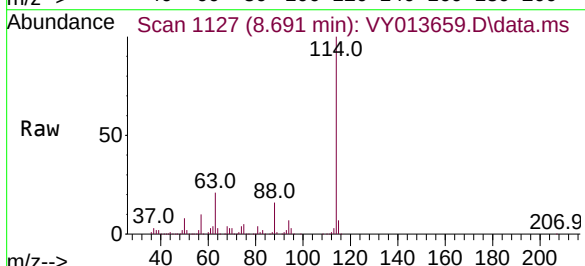
Tgt Ion: 114 Resp: 365528

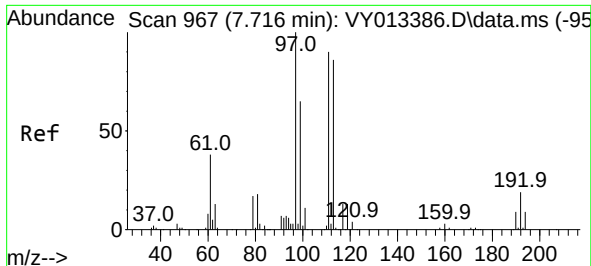
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.6

88 15.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 53.791 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

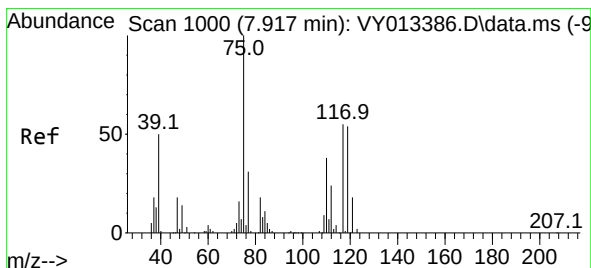
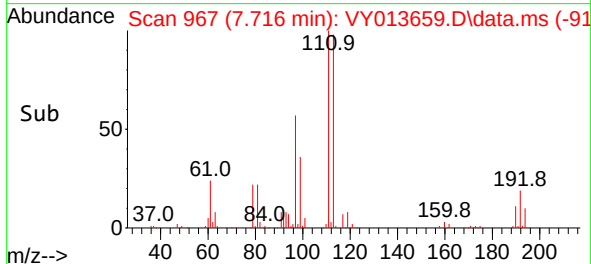
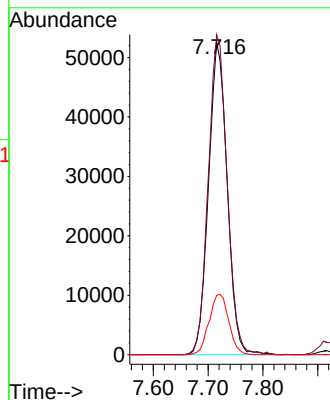
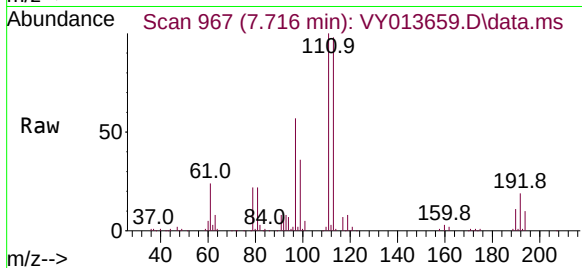
Tgt Ion:113 Resp: 123665

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.2

192 20.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 22.978 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

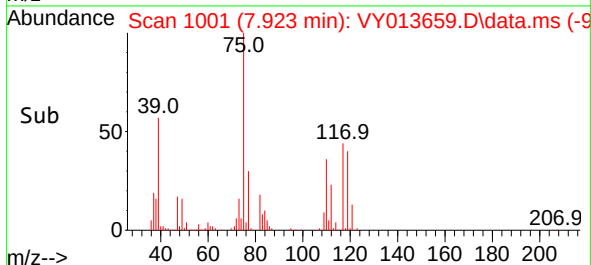
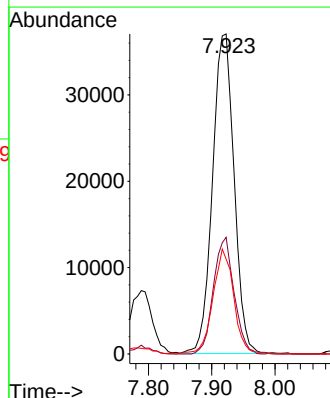
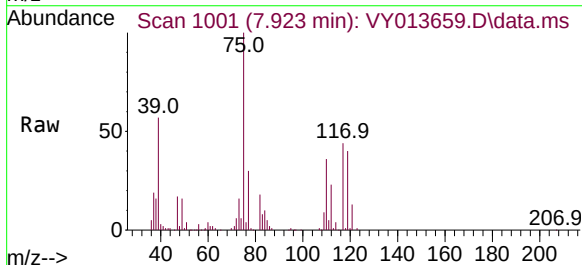
Tgt Ion: 75 Resp: 87674

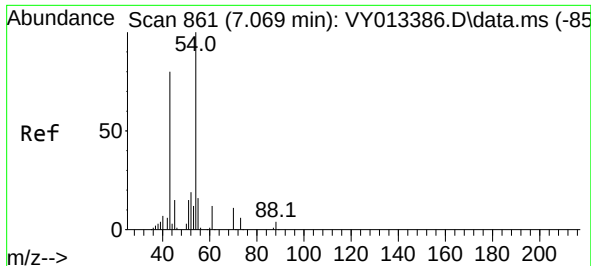
Ion Ratio Lower Upper

75 100

110 34.8 18.7 56.1

77 31.6 24.6 37.0

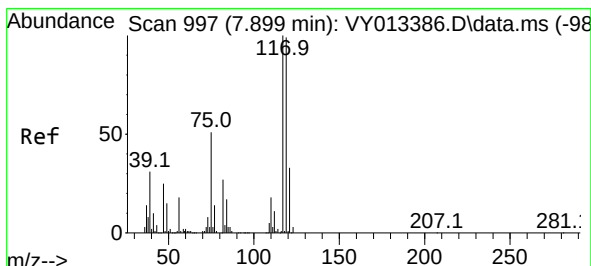
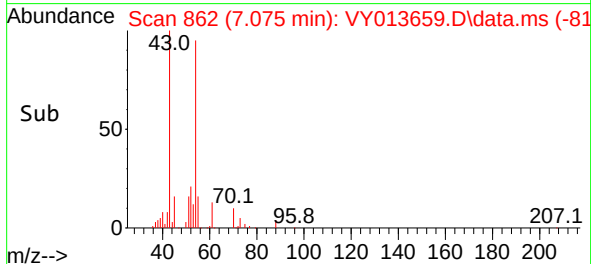
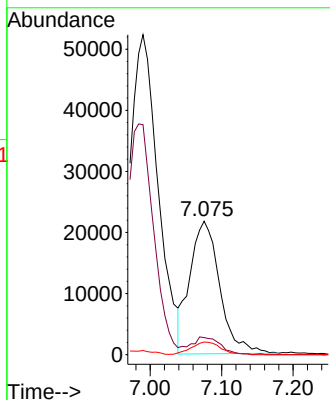
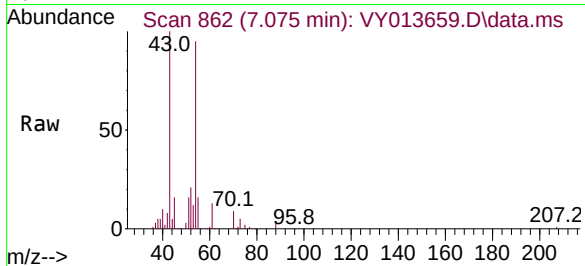




#37
Ethyl Acetate
Concen: 22.038 ug/l
RT: 7.075 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

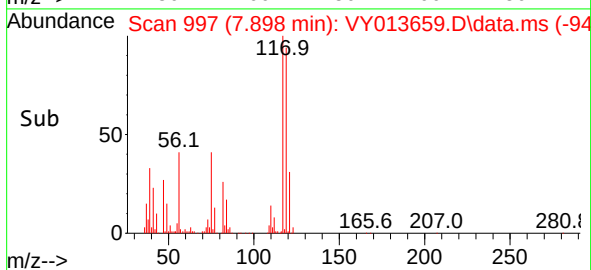
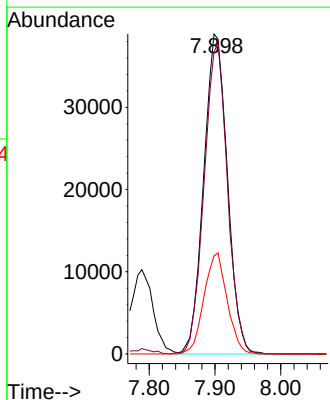
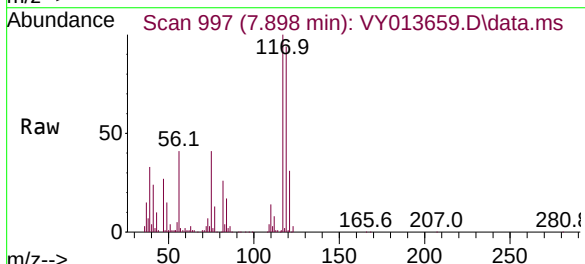
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

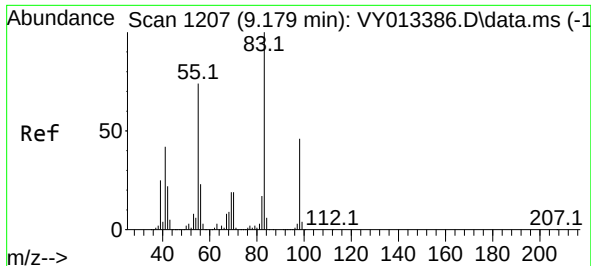
Tgt Ion: 43 Resp: 63279
Ion Ratio Lower Upper
43 100
61 11.8 11.4 17.0
70 9.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 24.454 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.001 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 117 Resp: 97795
Ion Ratio Lower Upper
117 100
119 94.5 79.0 118.6
121 30.6 26.6 40.0





#39

Methylcyclohexane

Concen: 22.225 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

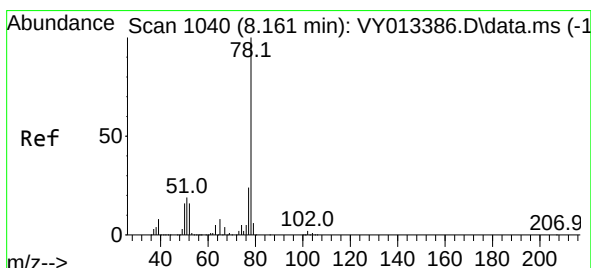
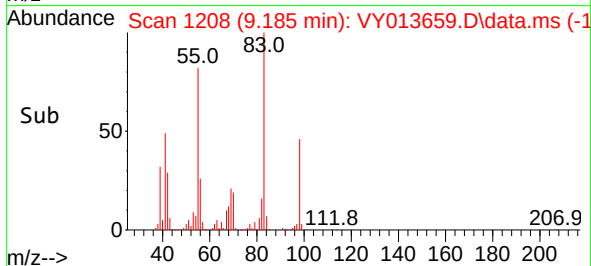
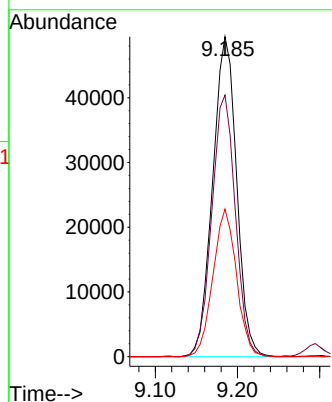
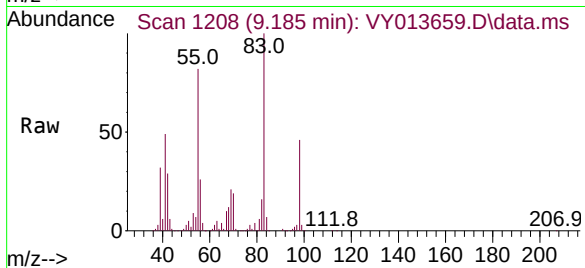
Tgt Ion: 83 Resp: 99970

Ion Ratio Lower Upper

83 100

55 81.8 59.0 88.4

98 46.1 37.0 55.4



#40

Benzene

Concen: 23.740 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013659.D

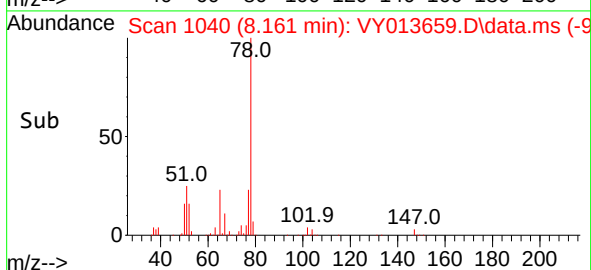
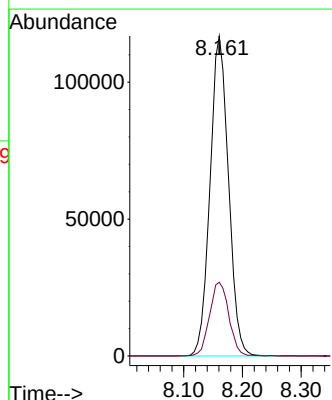
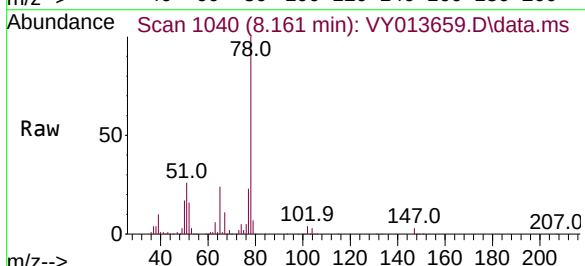
Acq: 09 May 2023 11:34

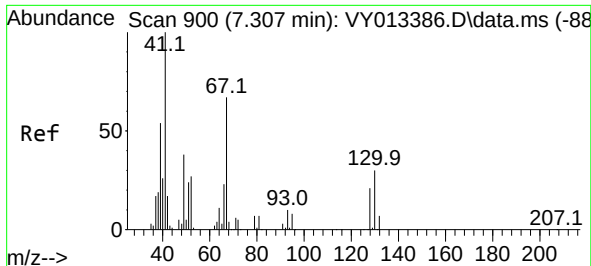
Tgt Ion: 78 Resp: 255153

Ion Ratio Lower Upper

78 100

77 23.1 19.2 28.8

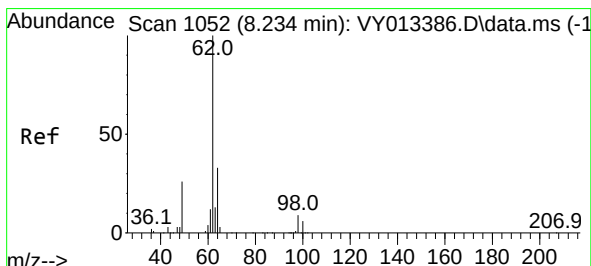
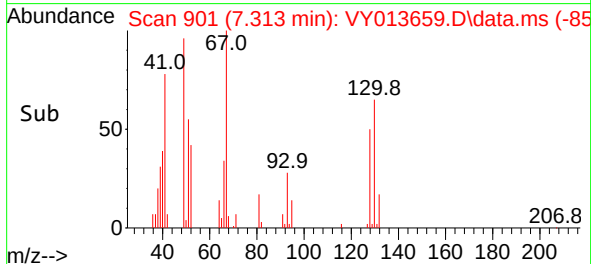
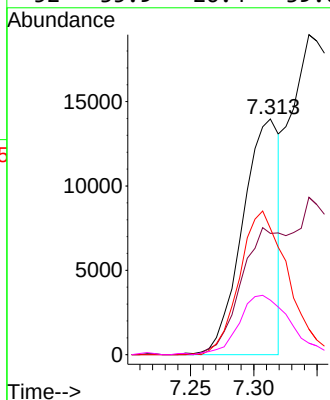
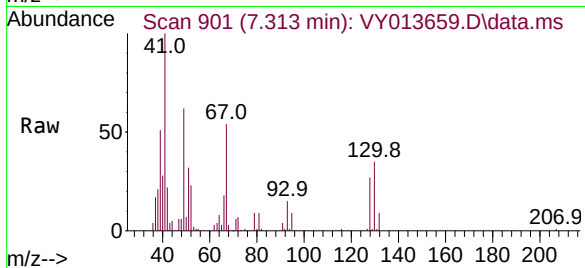




#41
Methacrylonitrile
Concen: 21.105 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

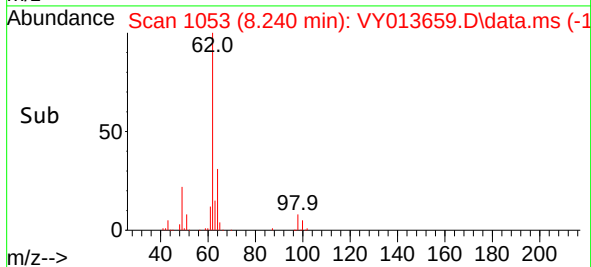
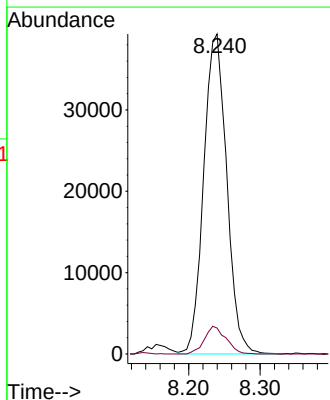
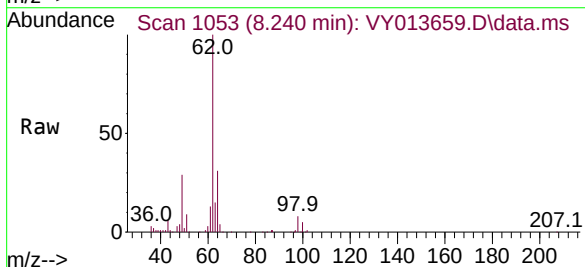
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

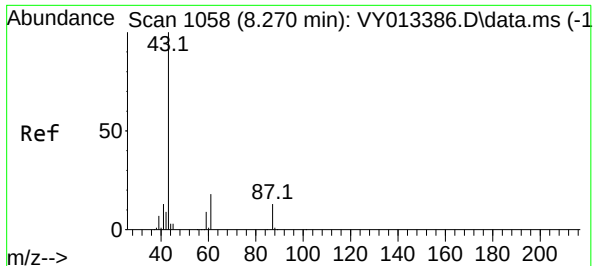
Tgt Ion:	41	Resp:	28239
Ion	Ratio	Lower	Upper
41	100		
39	64.7	44.2	66.4
67	80.8	62.9	94.3
52	35.9	26.4	39.6



#42
1,2-Dichloroethane
Concen: 25.026 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion:	62	Resp:	87937
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.8





#43

Isopropyl Acetate

Concen: 22.540 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBSD01

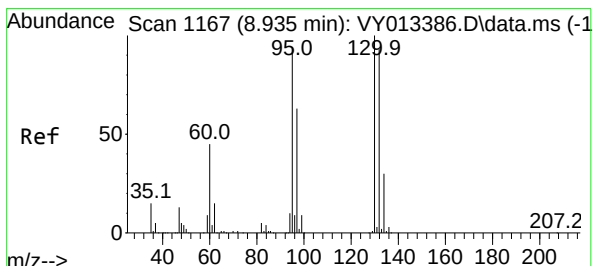
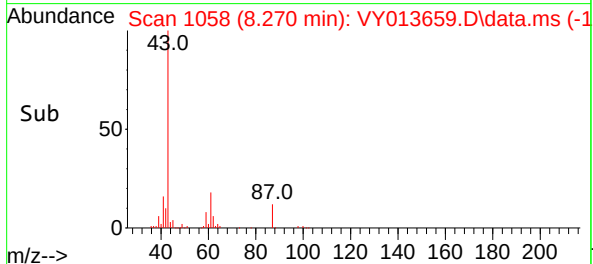
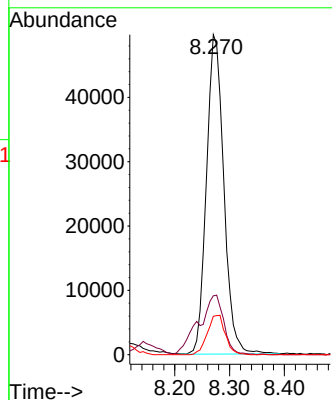
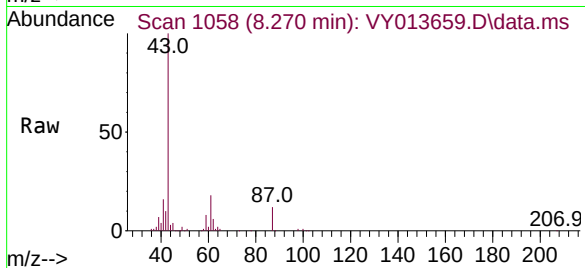
Tgt Ion: 43 Resp: 109239

Ion Ratio Lower Upper

43 100

61 26.9 22.2 33.4

87 12.7 11.0 16.6



#44

Trichloroethene

Concen: 23.839 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013659.D

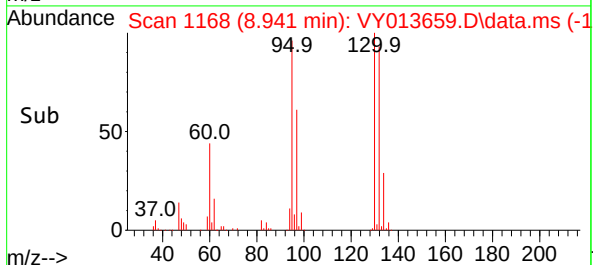
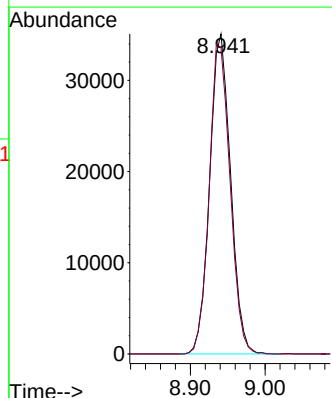
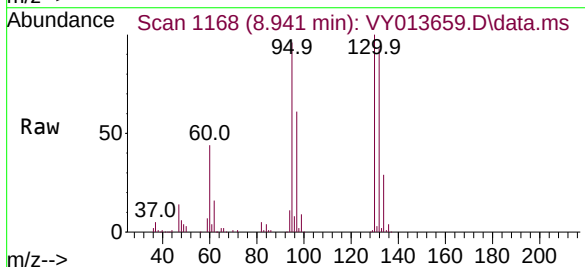
Acq: 09 May 2023 11:34

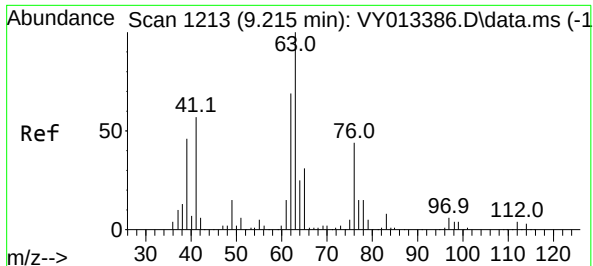
Tgt Ion:130 Resp: 68154

Ion Ratio Lower Upper

130 100

95 95.7 0.0 188.8





#45

1,2-Dichloropropane

Concen: 23.411 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

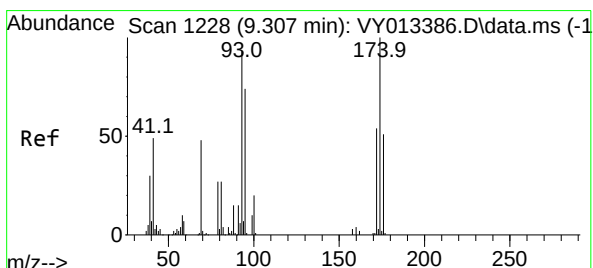
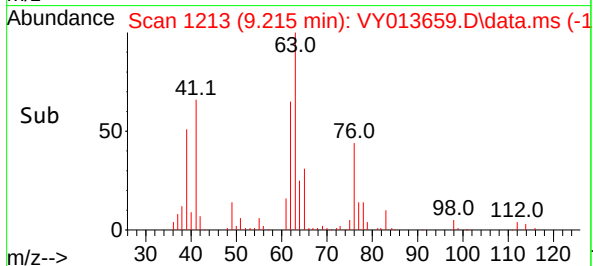
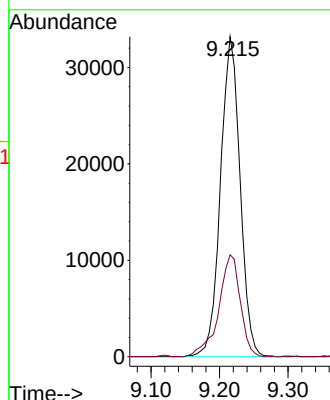
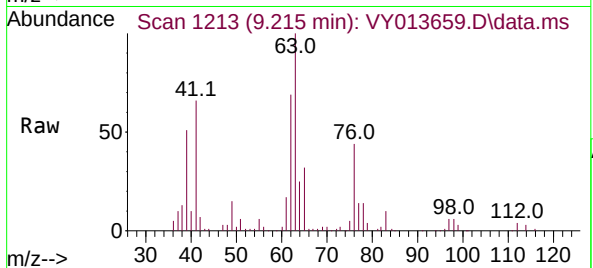
VY0509SBS01

Tgt Ion: 63 Resp: 65789

Ion Ratio Lower Upper

63 100

65 31.8 24.6 37.0



#46

Dibromomethane

Concen: 23.210 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

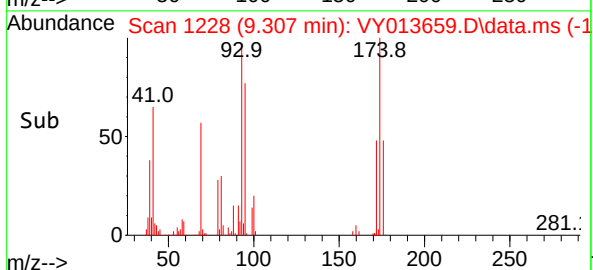
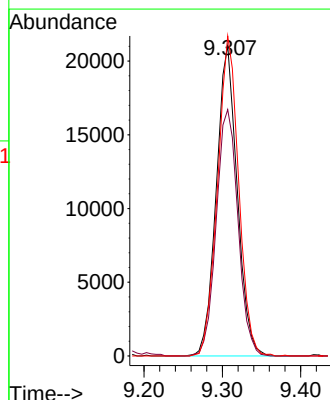
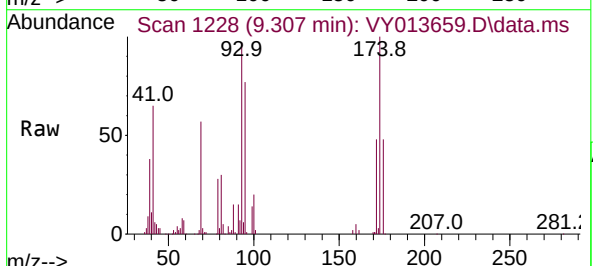
Tgt Ion: 93 Resp: 39026

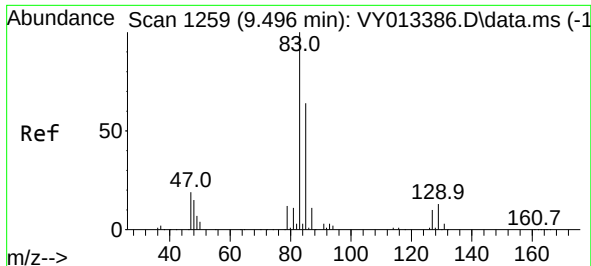
Ion Ratio Lower Upper

93 100

95 82.4 67.1 100.7

174 103.8 87.0 130.4

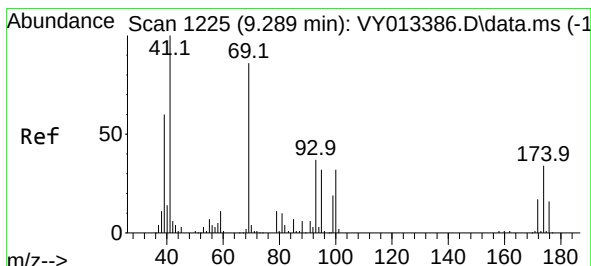
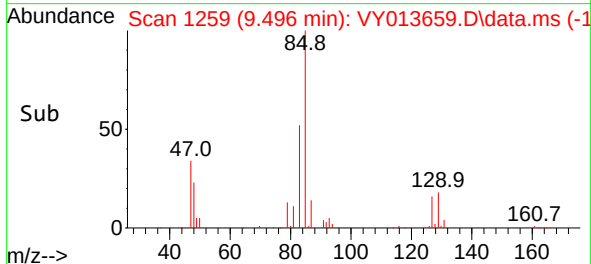
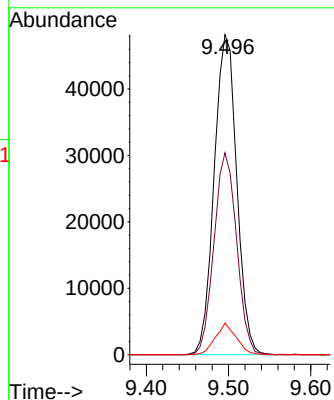
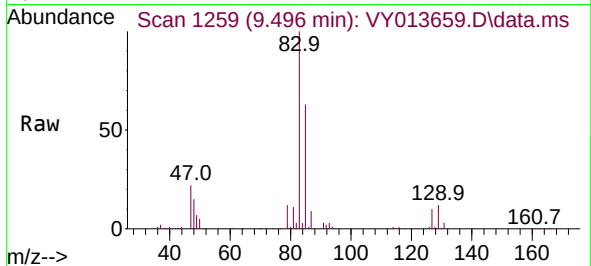




#47
Bromodichloromethane
Concen: 24.434 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

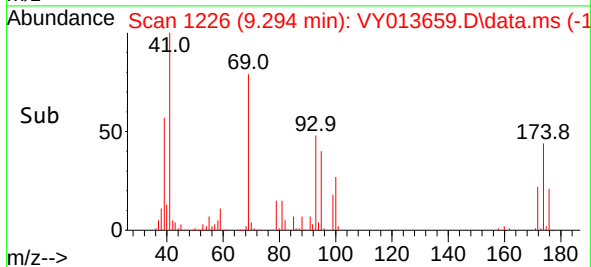
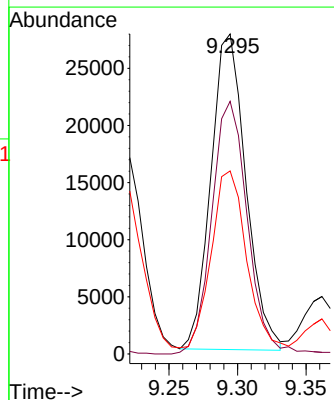
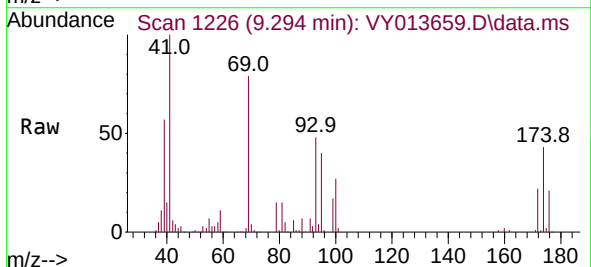
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBSD01

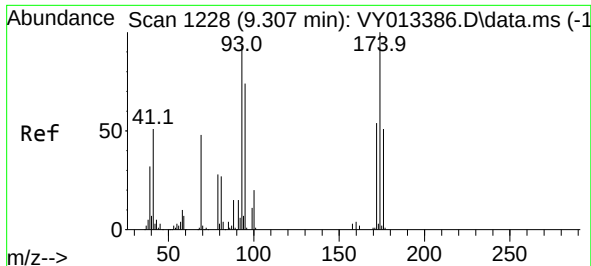
Tgt Ion: 83 Resp: 91931
Ion Ratio Lower Upper
83 100
85 63.1 51.4 77.2
127 9.9 8.1 12.1



#48
Methyl methacrylate
Concen: 22.093 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.005 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 41 Resp: 49174
Ion Ratio Lower Upper
41 100
69 81.9 70.2 105.4
39 56.4 47.9 71.9





#49

1,4-Dioxane

Concen: 420.538 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBSD01

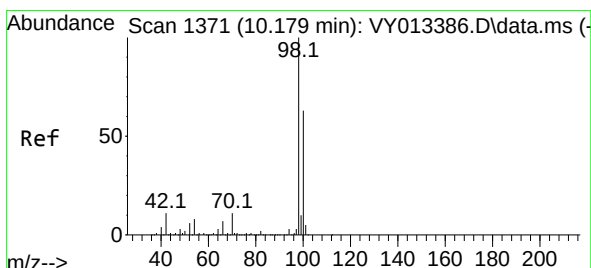
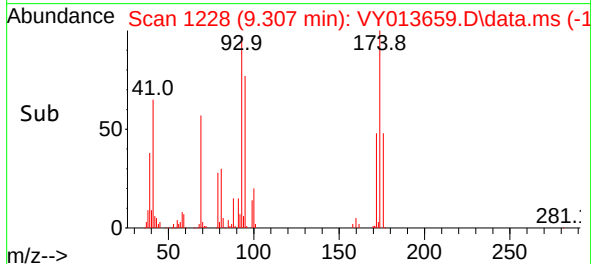
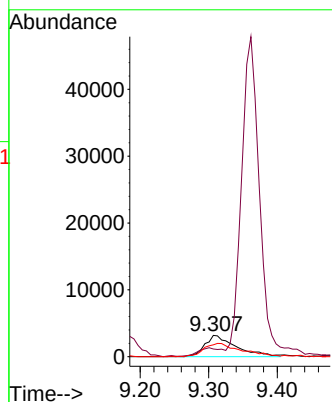
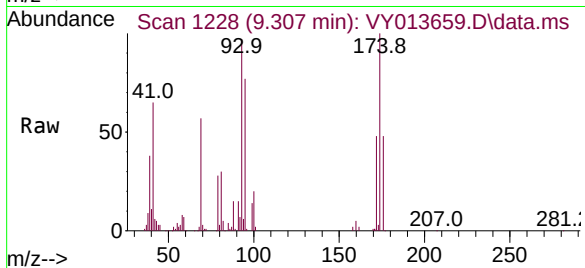
Tgt Ion: 88 Resp: 10099

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 74.6 54.3 81.5



#50

Toluene-d8

Concen: 50.988 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY013659.D

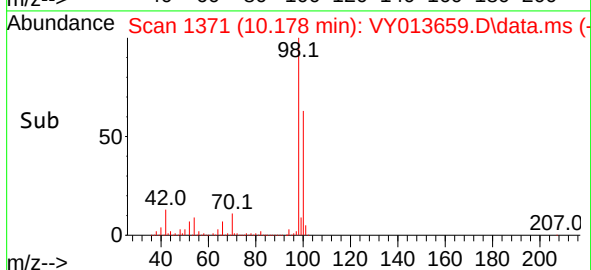
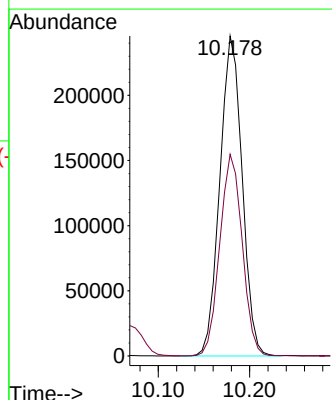
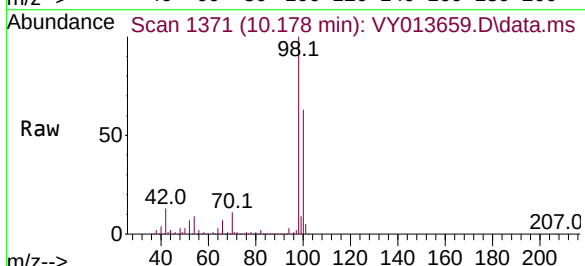
Acq: 09 May 2023 11:34

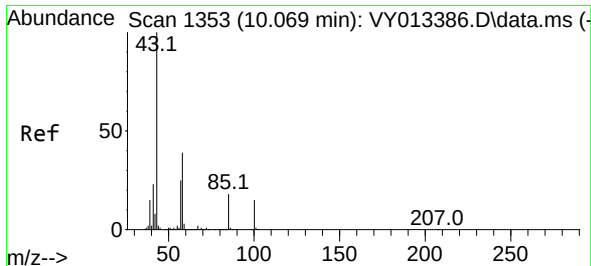
Tgt Ion: 98 Resp: 417008

Ion Ratio Lower Upper

98 100

100 63.3 50.5 75.7

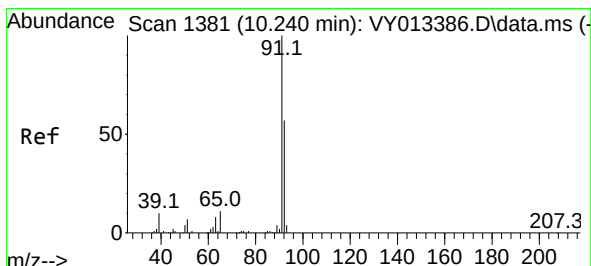
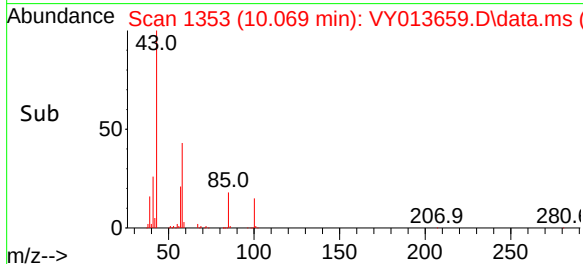
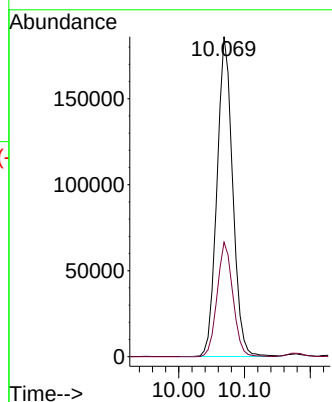
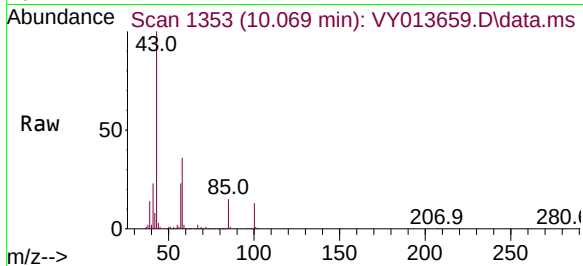




#51
4-Methyl-2-Pentanone
Concen: 114.672 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

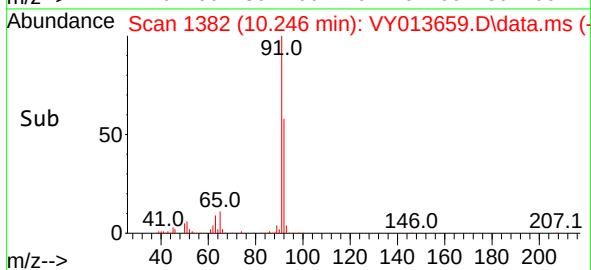
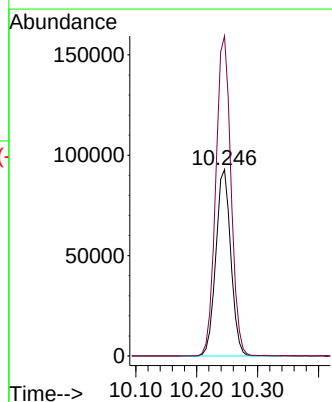
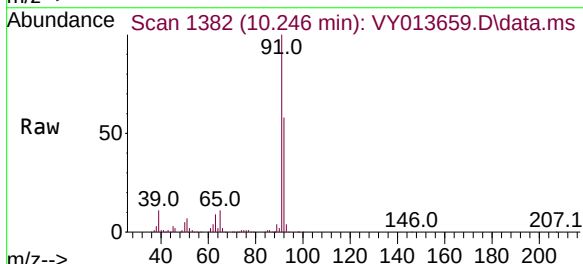
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

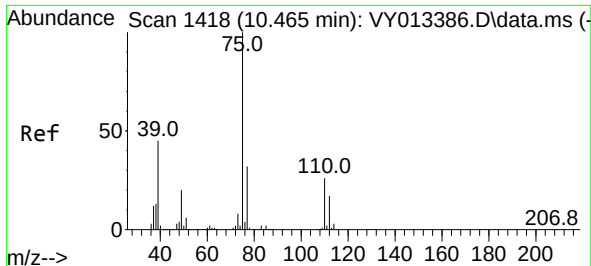
Tgt Ion: 43 Resp: 309692
Ion Ratio Lower Upper
43 100
58 35.8 30.6 46.0



#52
Toluene
Concen: 24.398 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 92 Resp: 157797
Ion Ratio Lower Upper
92 100
91 174.3 140.2 210.4

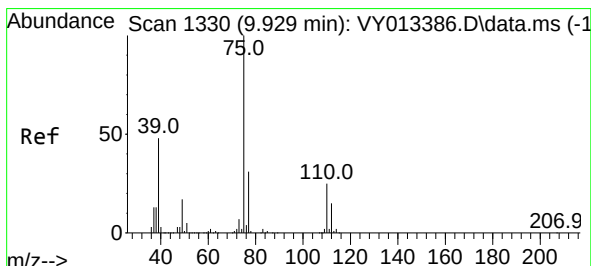
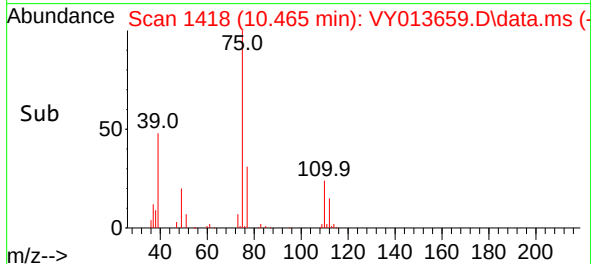
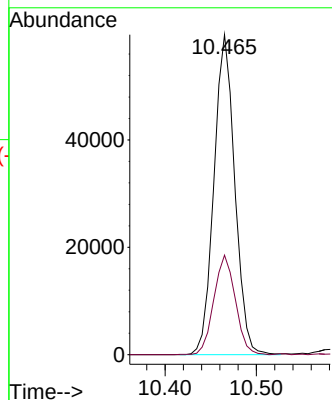
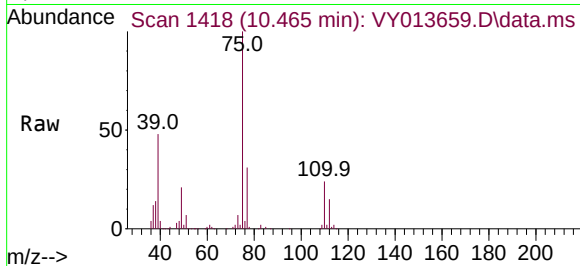




#53
t-1,3-Dichloropropene
Concen: 23.719 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

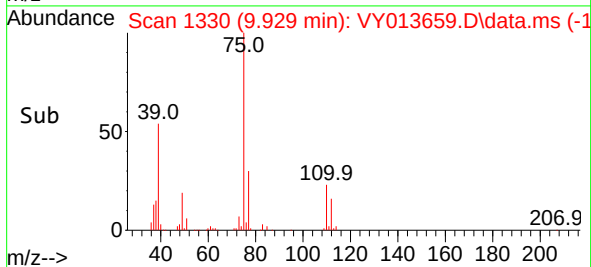
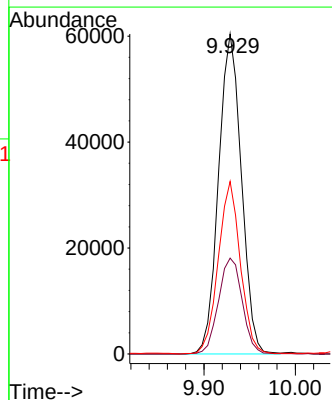
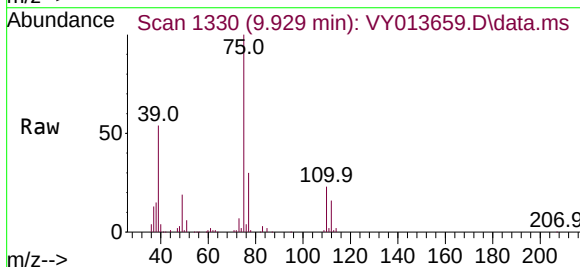
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

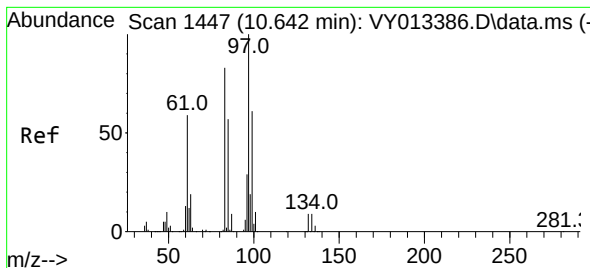
Tgt Ion: 75 Resp: 94448
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 23.415 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 75 Resp: 104912
Ion Ratio Lower Upper
75 100
77 30.0 24.8 37.2
39 53.9 38.1 57.1

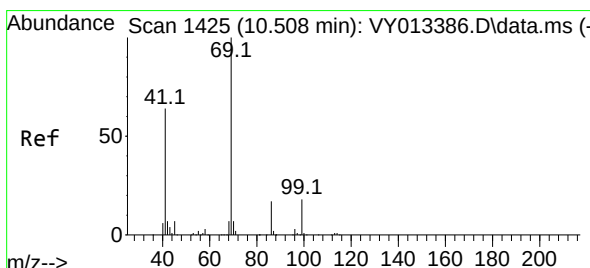
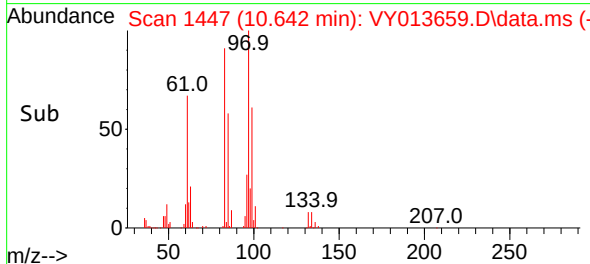
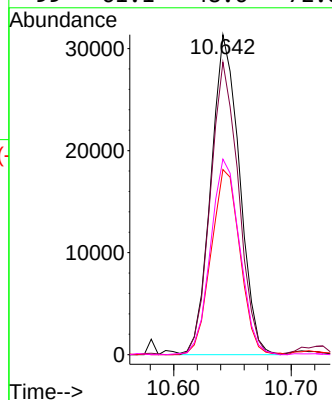
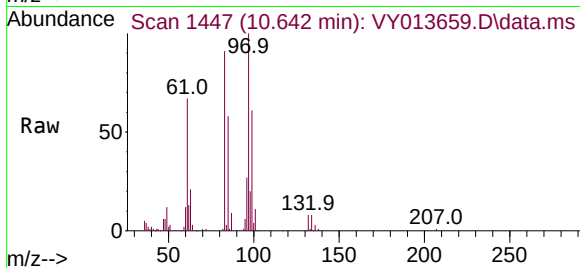




#55
1,1,2-Trichloroethane
Concen: 23.778 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

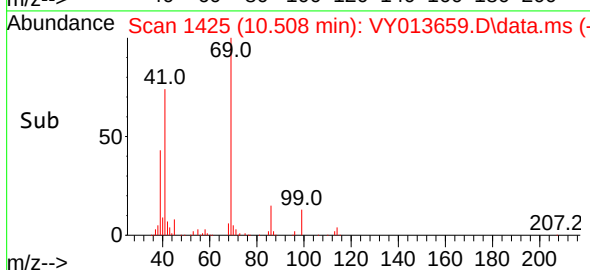
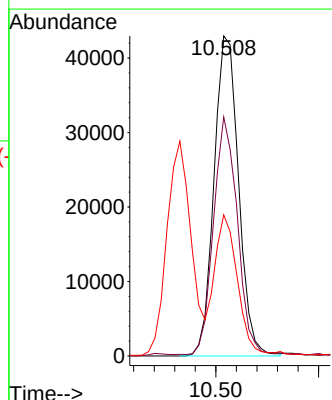
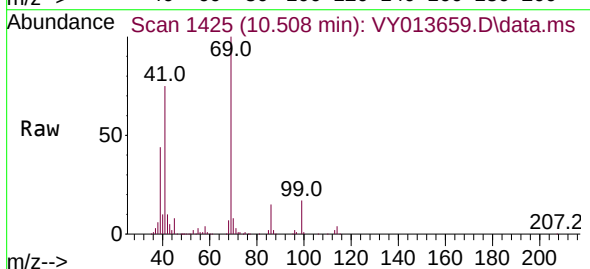
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

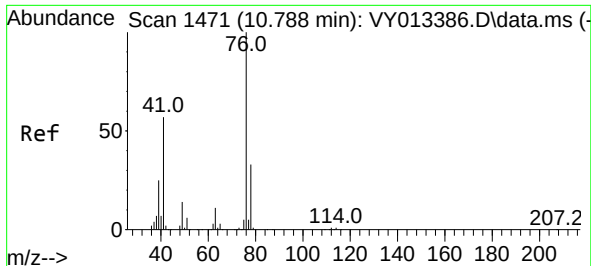
Tgt Ion: 97	Resp: 52948
Ion Ratio	Lower Upper
97 100	
83 91.4	66.4 99.6
85 57.6	45.6 68.4
99 61.1	48.6 72.8



#56
Ethyl methacrylate
Concen: 23.029 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 69	Resp: 71141
Ion Ratio	Lower Upper
69 100	
41 72.0	51.4 77.0
39 41.4	29.0 43.6





#57

1,3-Dichloropropane

Concen: 23.917 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

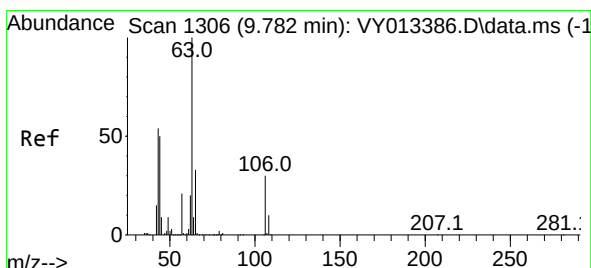
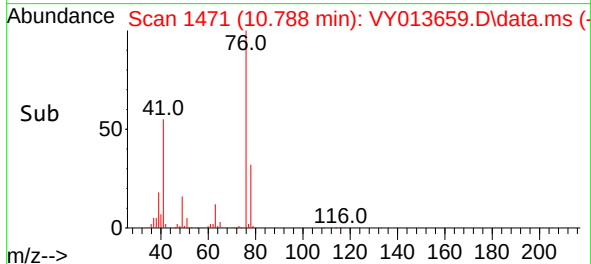
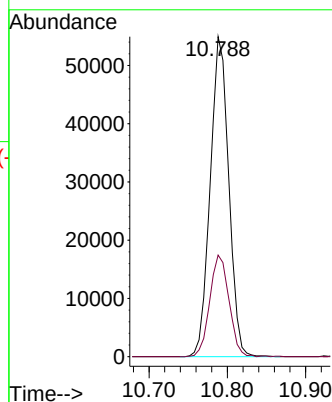
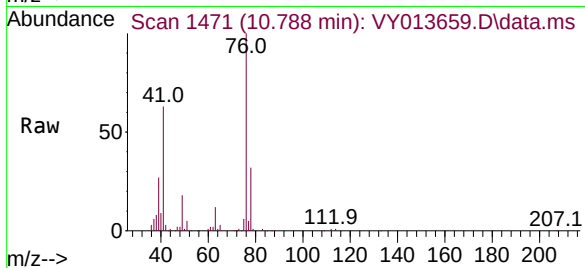
VY0509SBS01

Tgt Ion: 76 Resp: 90195

Ion Ratio Lower Upper

76 100

78 32.9 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 125.662 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013659.D

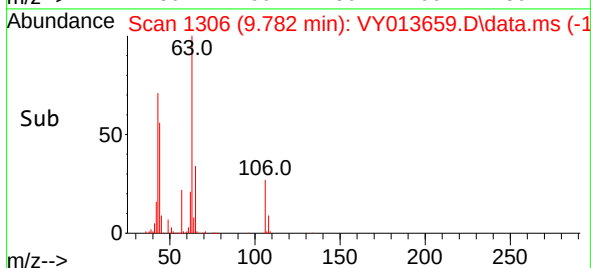
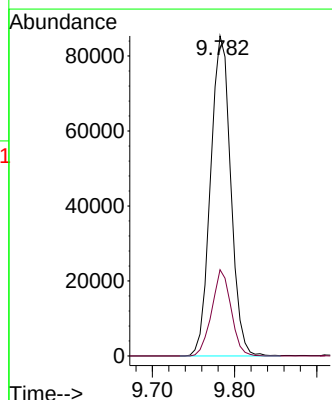
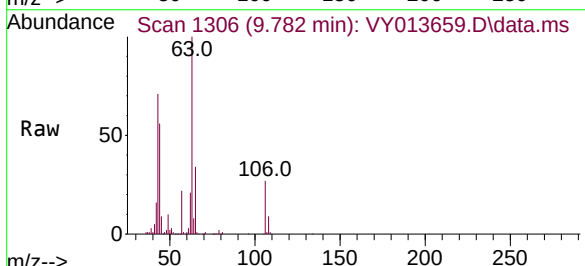
Acq: 09 May 2023 11:34

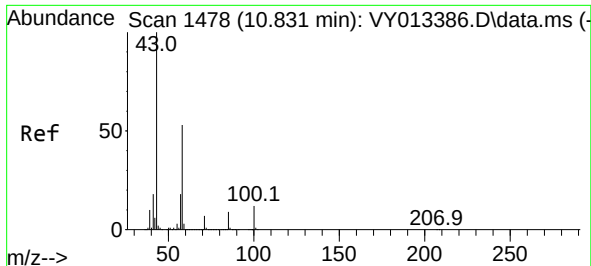
Tgt Ion: 63 Resp: 145569

Ion Ratio Lower Upper

63 100

106 25.7 23.5 35.3

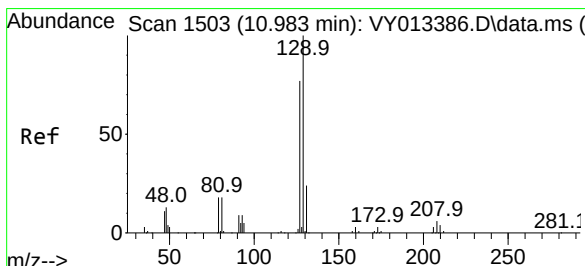
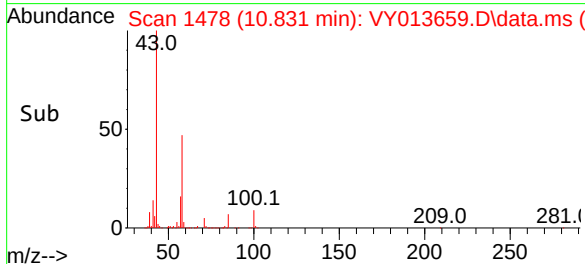
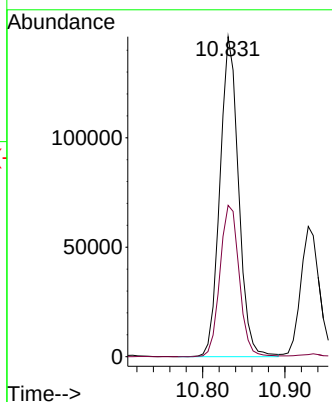
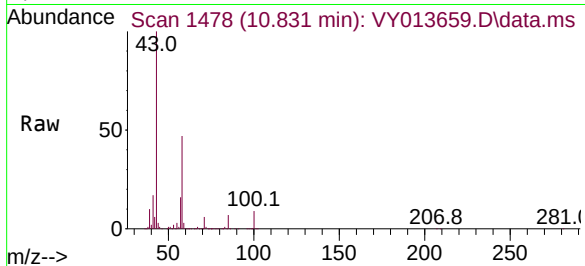




#59
2-Hexanone
Concen: 117.550 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

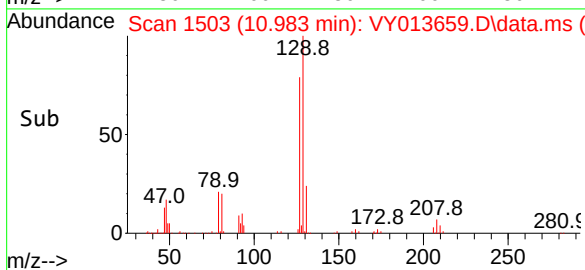
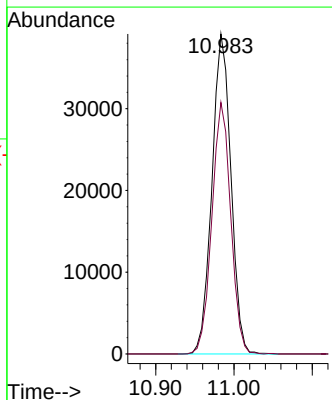
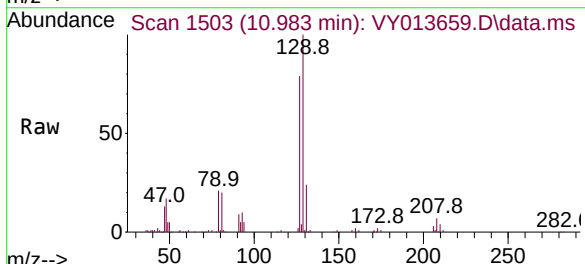
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

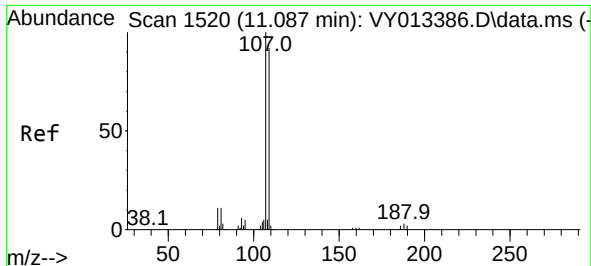
Tgt Ion: 43 Resp: 230771
Ion Ratio Lower Upper
43 100
58 49.0 26.3 78.8



#60
Dibromochloromethane
Concen: 24.373 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 129 Resp: 65899
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1

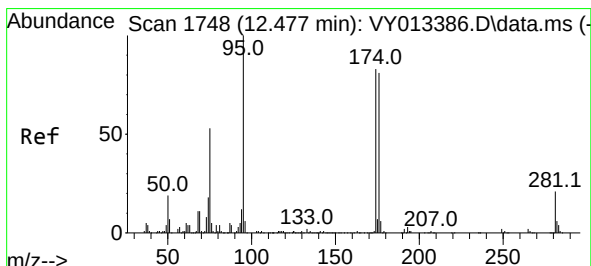
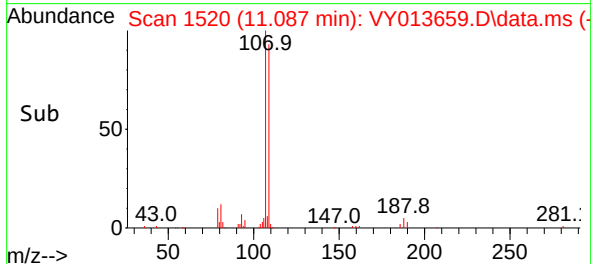
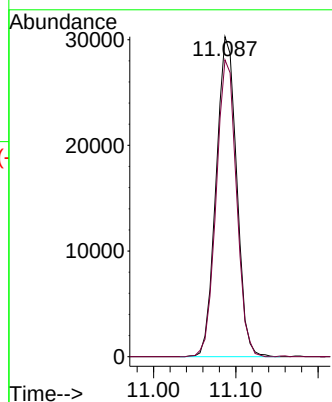
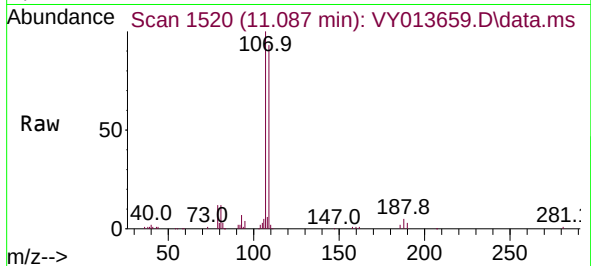




#61
1,2-Dibromoethane
Concen: 23.895 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

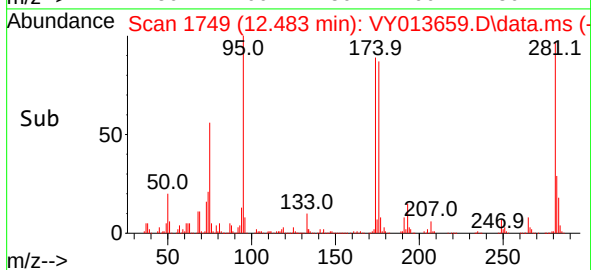
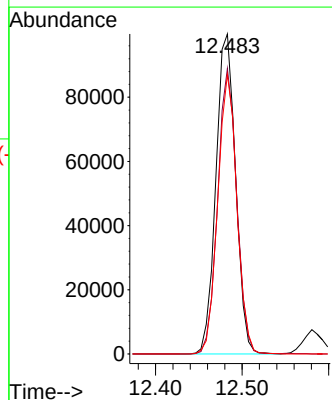
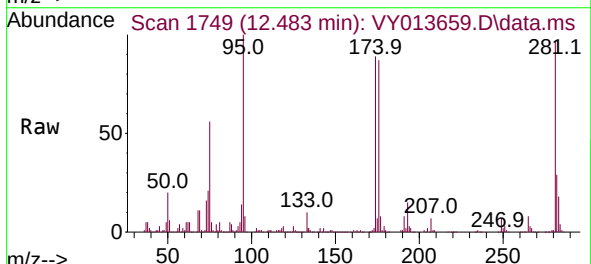
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

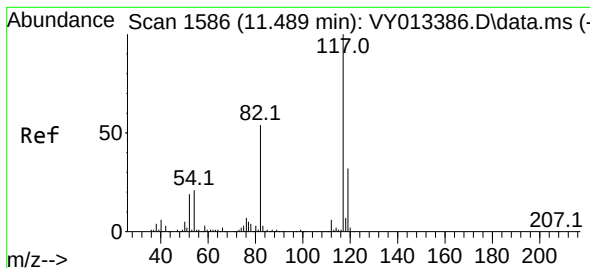
Tgt Ion:107 Resp: 52312
Ion Ratio Lower Upper
107 100
109 91.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.094 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 95 Resp: 157417
Ion Ratio Lower Upper
95 100
174 86.1 0.0 182.0
176 84.7 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

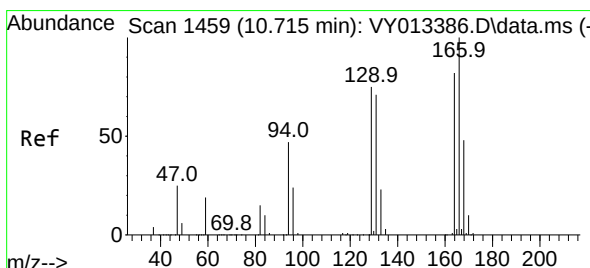
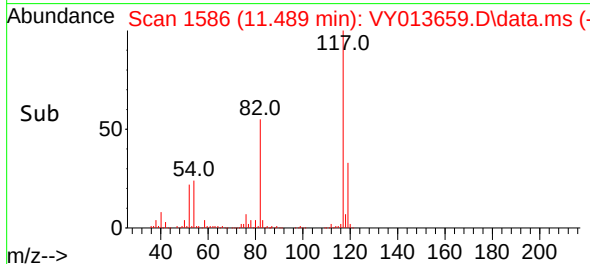
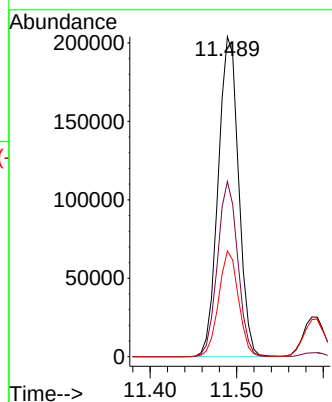
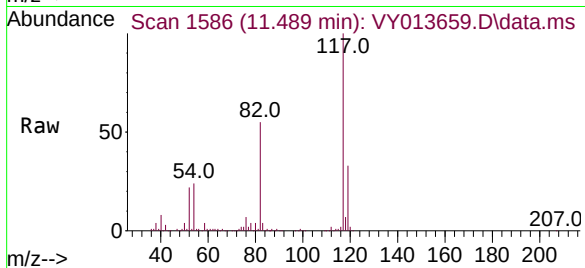
Tgt Ion:117 Resp: 334582

Ion Ratio Lower Upper

117 100

82 54.8 43.0 64.6

119 33.0 25.5 38.3



#64

Tetrachloroethene

Concen: 23.035 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Tgt Ion:164 Resp: 58605

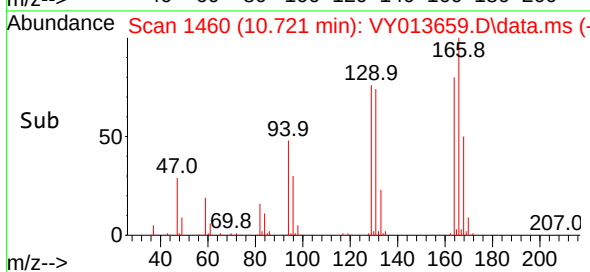
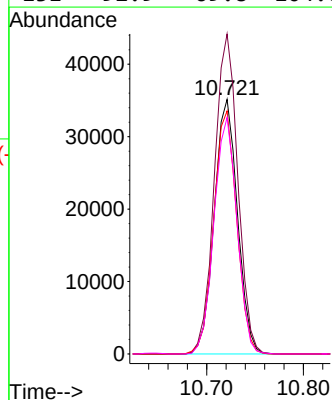
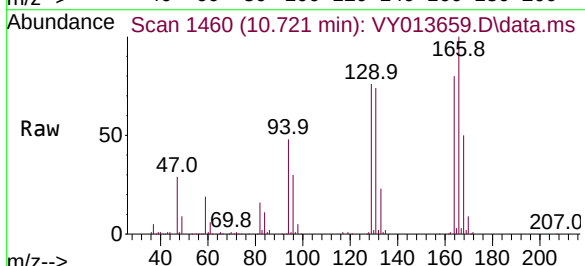
Ion Ratio Lower Upper

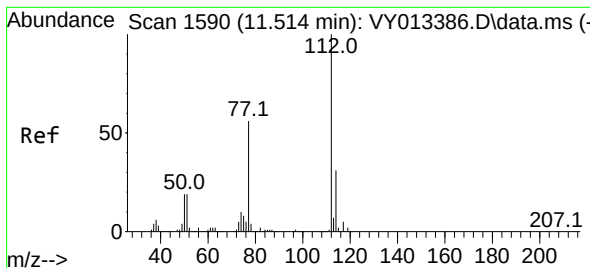
164 100

166 125.7 97.5 146.3

129 95.5 72.6 109.0

131 92.9 69.8 104.6

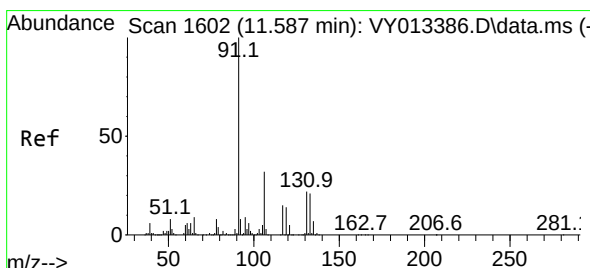
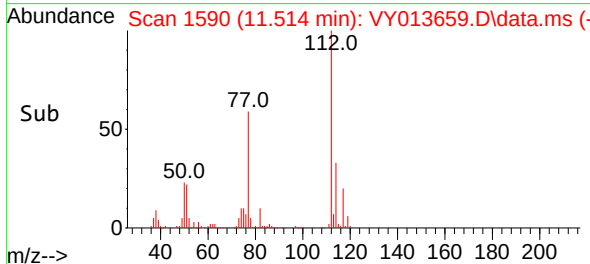
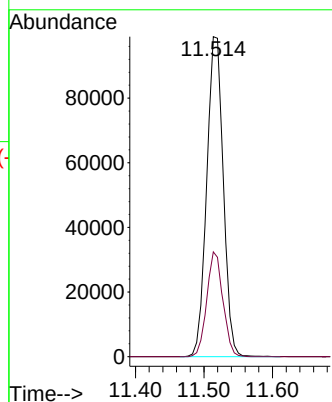
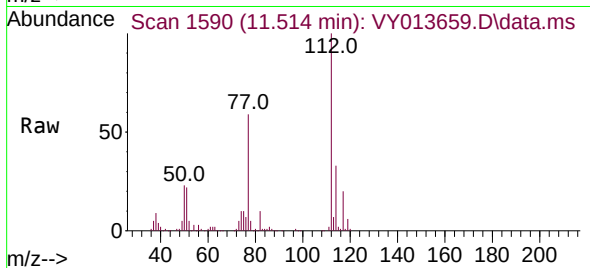




#65
Chlorobenzene
Concen: 22.867 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

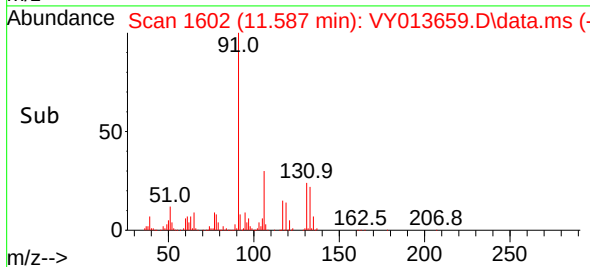
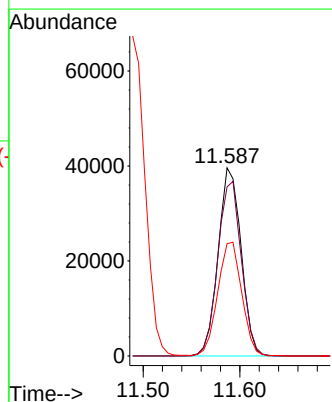
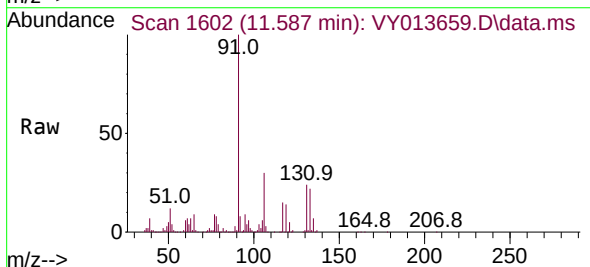
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

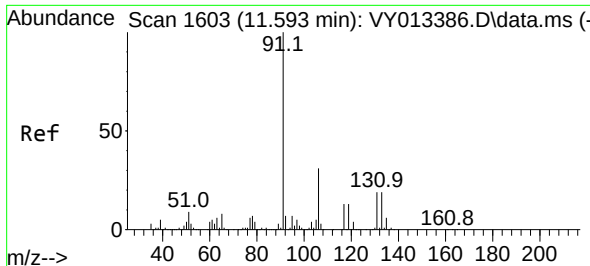
Tgt Ion:112 Resp: 166663
Ion Ratio Lower Upper
112 100
114 32.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 23.890 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion:131 Resp: 65120
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 63.5 32.6 98.0

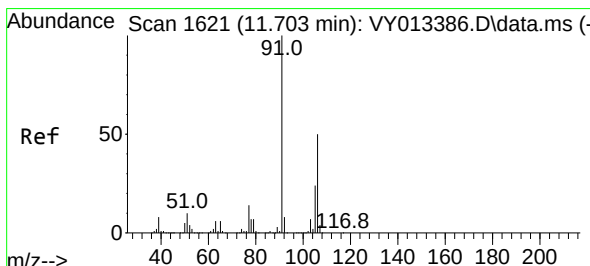
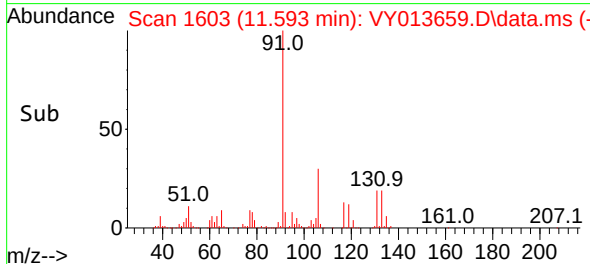
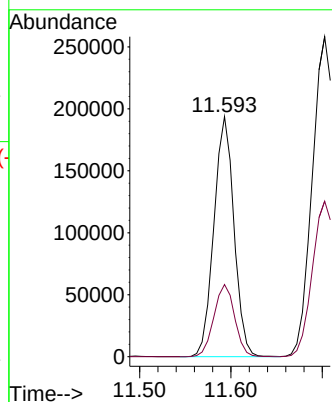
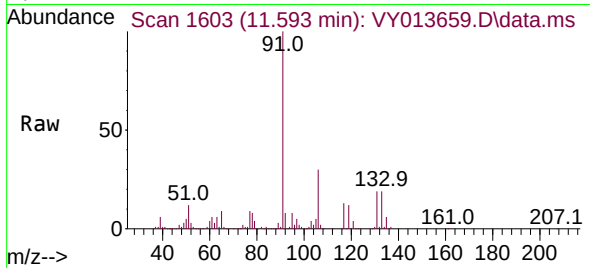




#67
Ethyl Benzene
Concen: 23.085 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

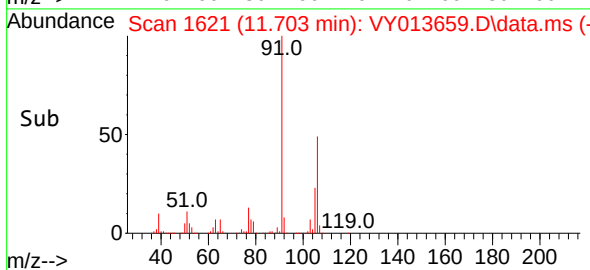
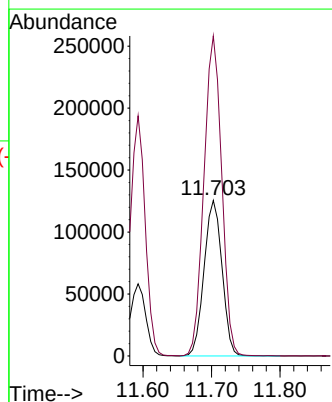
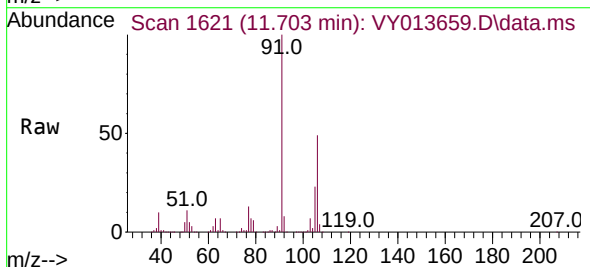
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

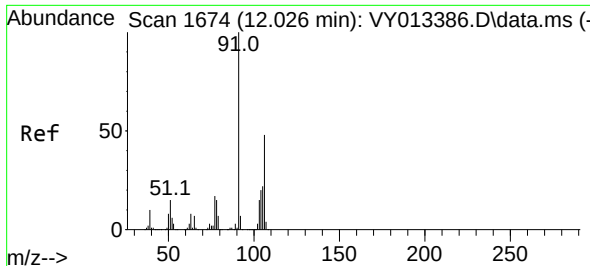
Tgt Ion: 91 Resp: 295457
Ion Ratio Lower Upper
91 100
106 30.1 25.1 37.7



#68
m/p-Xylenes
Concen: 47.137 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 106 Resp: 229340
Ion Ratio Lower Upper
106 100
91 203.3 160.9 241.3

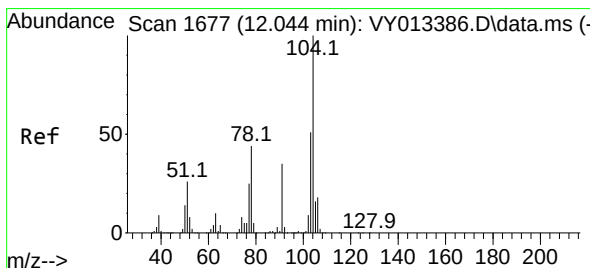
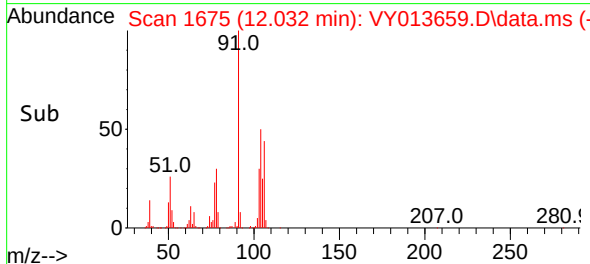
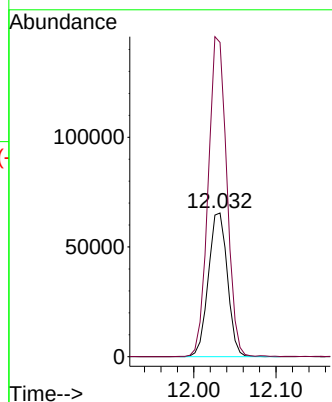
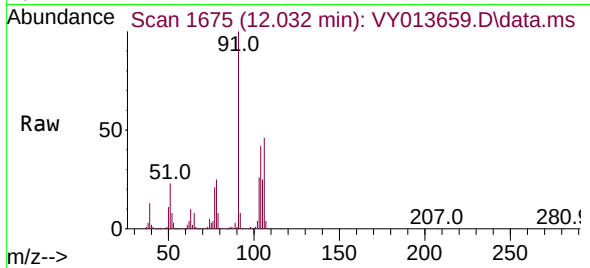




#69
o-Xylene
Concen: 22.932 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

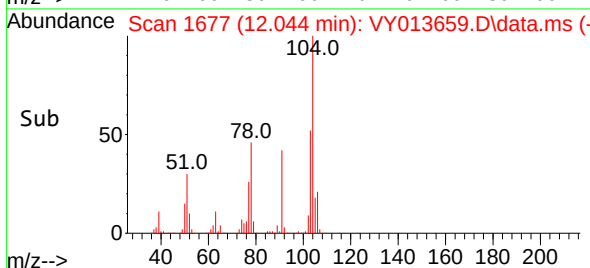
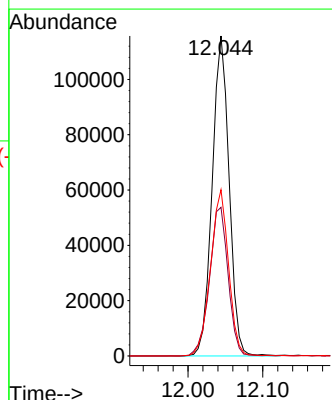
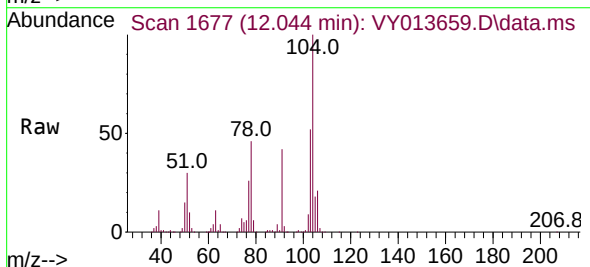
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

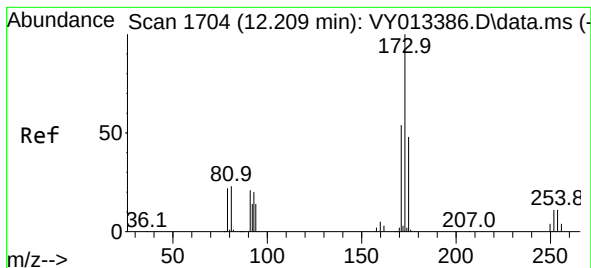
Tgt Ion:106 Resp: 105522
Ion Ratio Lower Upper
106 100
91 217.3 105.5 316.4



#70
Styrene
Concen: 23.670 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion:104 Resp: 182112
Ion Ratio Lower Upper
104 100
78 50.9 40.3 60.5
103 55.5 45.0 67.4





#71

Bromoform

Concen: 23.276 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

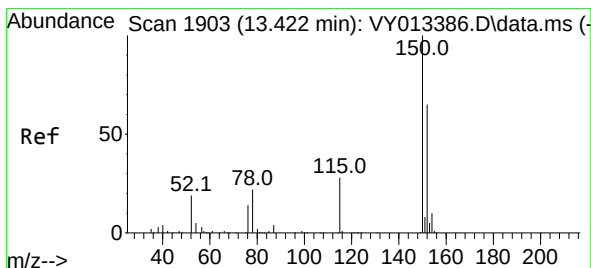
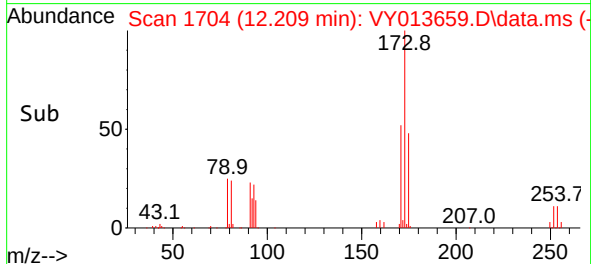
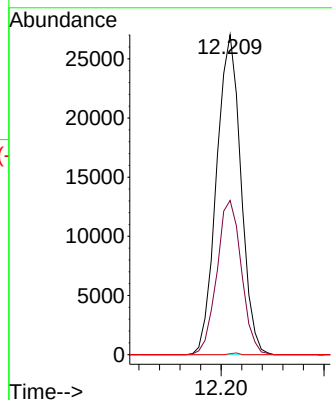
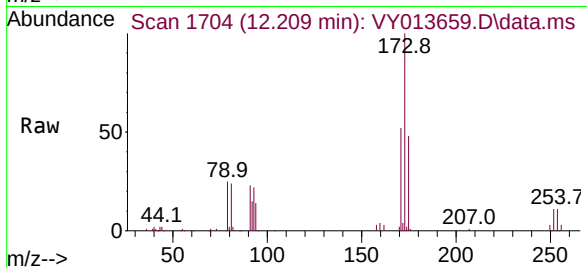
Tgt Ion:173 Resp: 44442

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

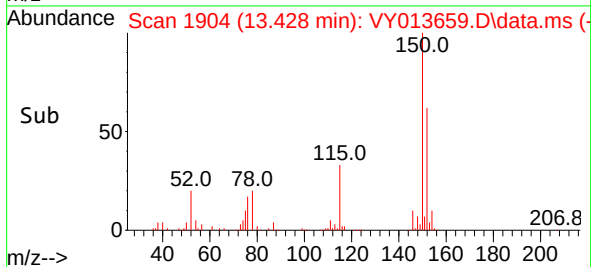
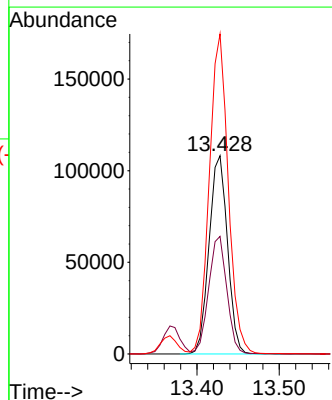
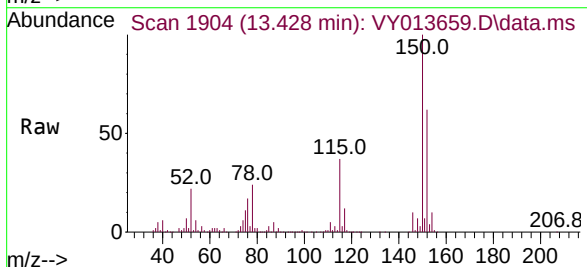
Tgt Ion:152 Resp: 168321

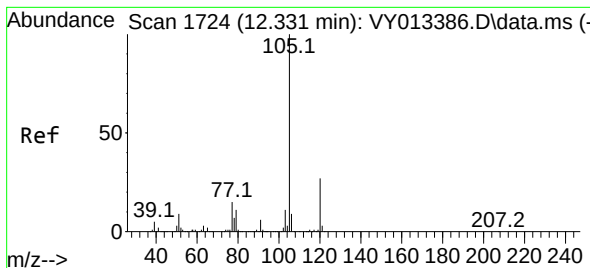
Ion Ratio Lower Upper

152 100

115 58.8 28.1 84.2

150 165.2 0.0 352.0





#73

Isopropylbenzene

Concen: 22.560 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

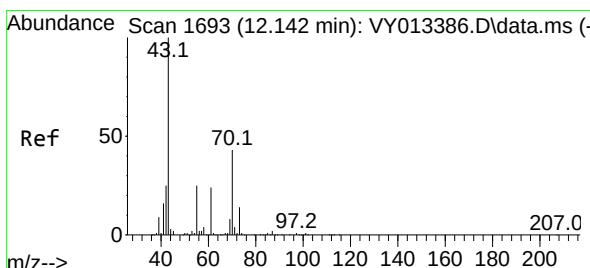
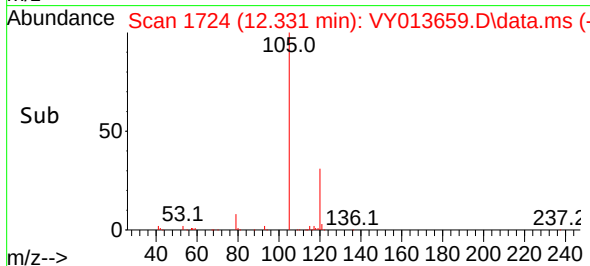
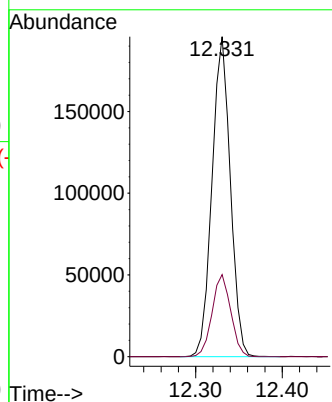
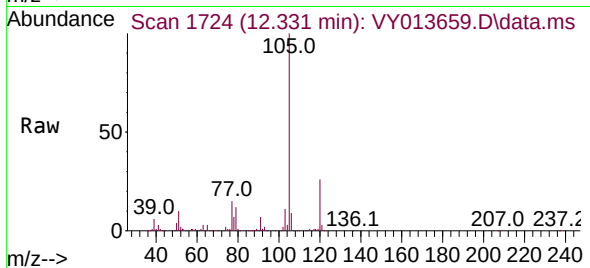
VY0509SBS01

Tgt Ion:105 Resp: 287215

Ion Ratio Lower Upper

105 100

120 26.1 13.7 41.0



#74

N-ethyl acetate

Concen: 20.882 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Tgt Ion: 43 Resp: 94607

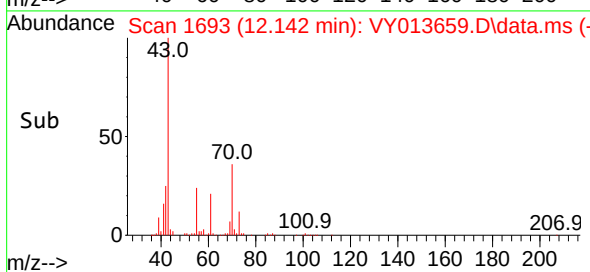
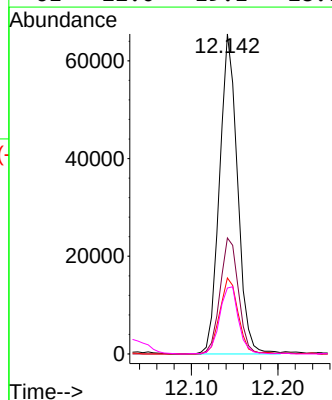
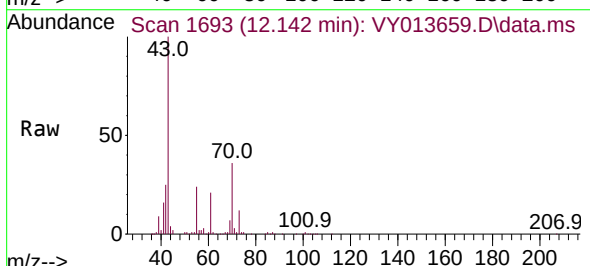
Ion Ratio Lower Upper

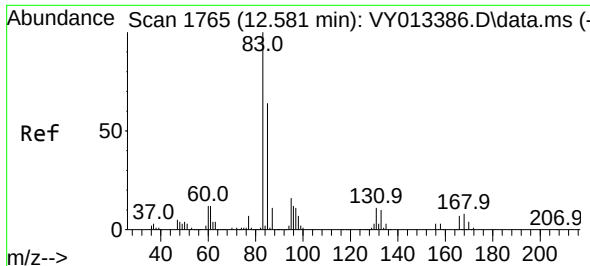
43 100

70 37.2 33.0 49.4

55 24.4 19.8 29.6

61 22.0 19.1 28.7

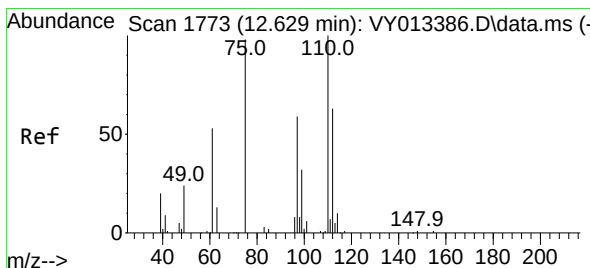
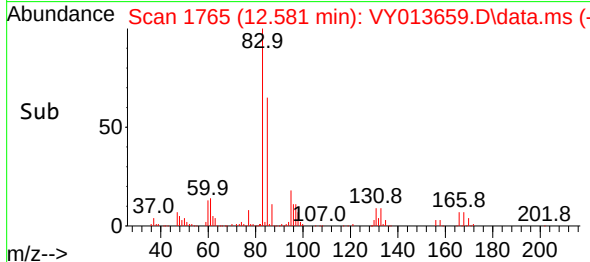
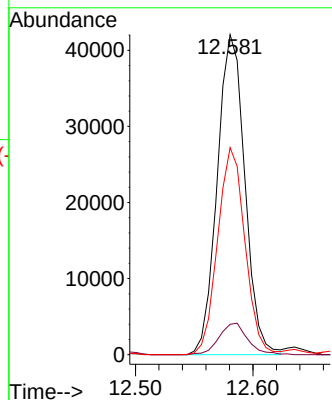
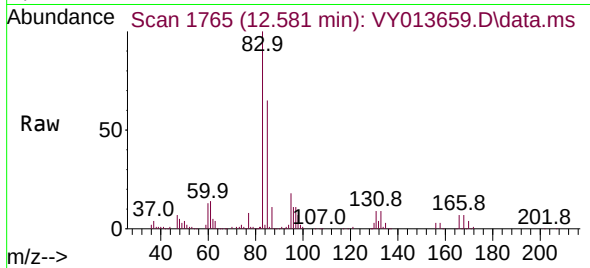




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.090 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013659.D
 Acq: 09 May 2023 11:34

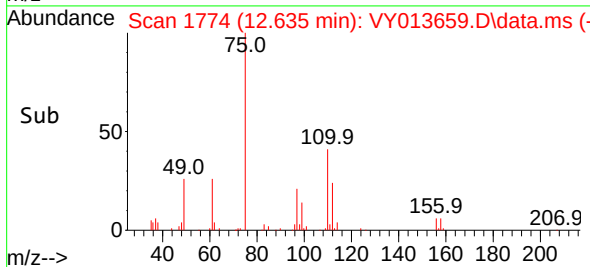
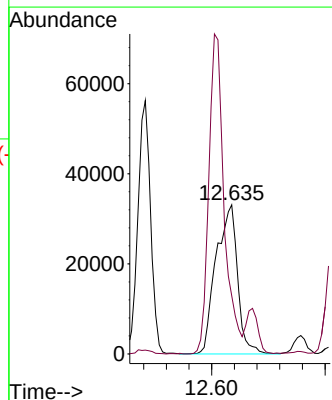
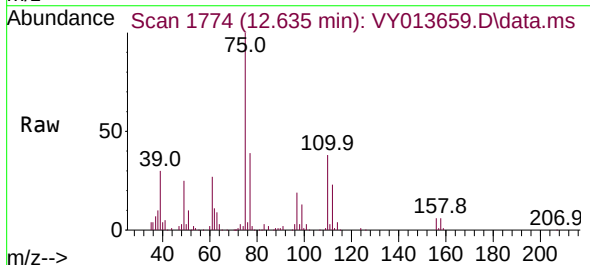
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

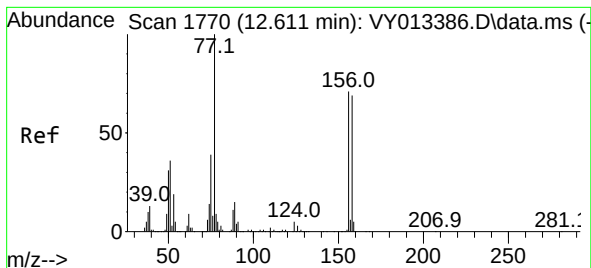
Tgt Ion: 83 Resp: 68742
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.7 17.0
 85 64.0 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 38.525 ug/l
 RT: 12.635 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: VY013659.D
 Acq: 09 May 2023 11:34

Tgt Ion: 75 Resp: 87453
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.019 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

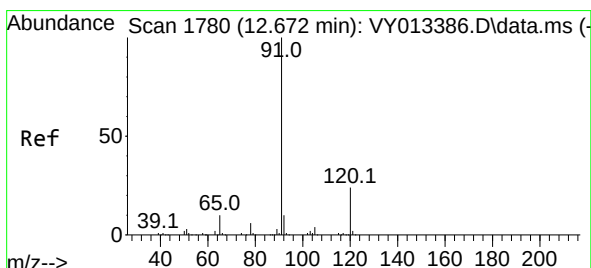
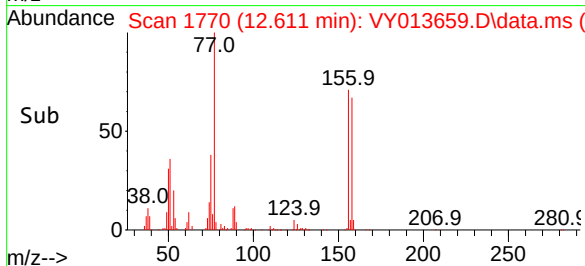
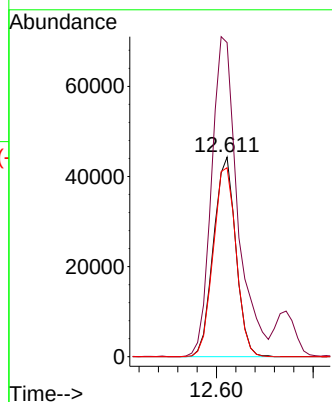
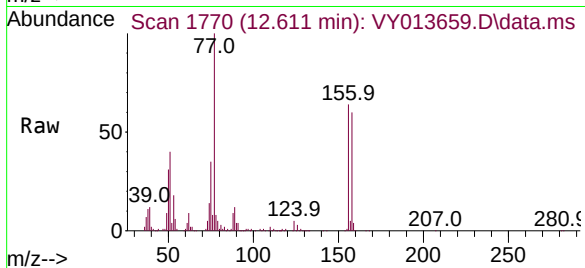
Tgt Ion:156 Resp: 71010

Ion Ratio Lower Upper

156 100

77 187.9 87.6 262.9

158 97.3 48.5 145.5



#78

n-propylbenzene

Concen: 22.822 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013659.D

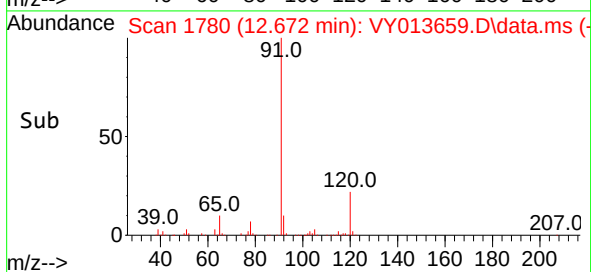
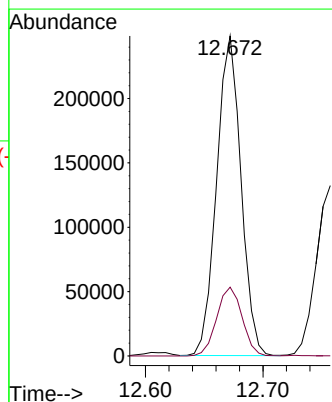
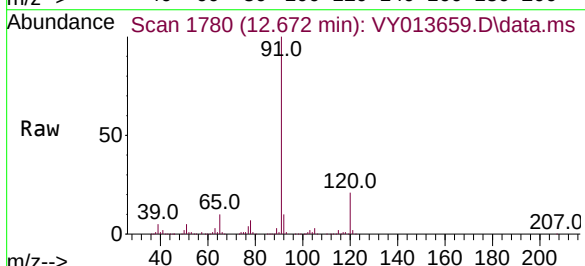
Acq: 09 May 2023 11:34

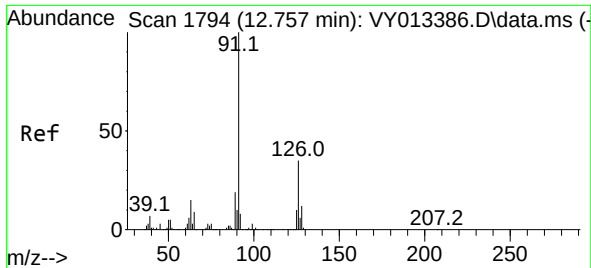
Tgt Ion: 91 Resp: 357876

Ion Ratio Lower Upper

91 100

120 22.4 11.9 35.9

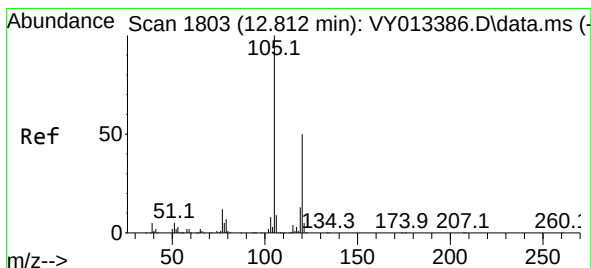
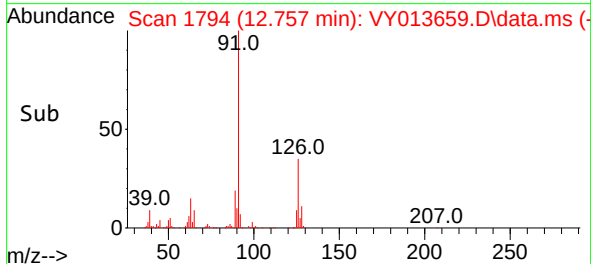
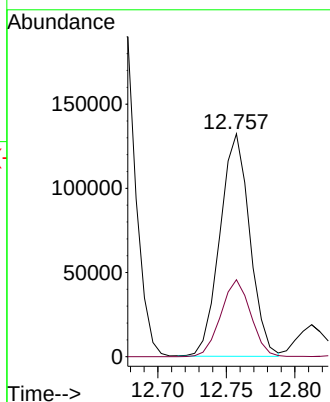
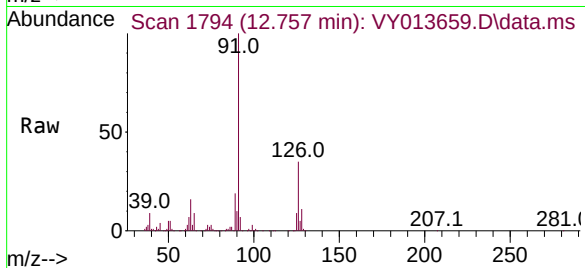




#79
2-Chlorotoluene
Concen: 22.875 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

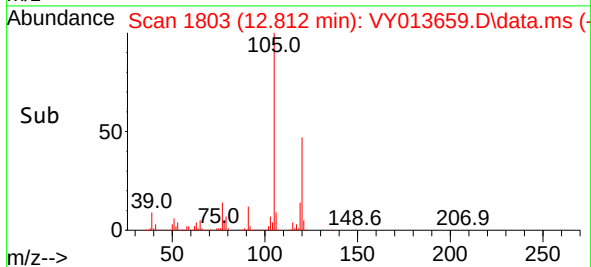
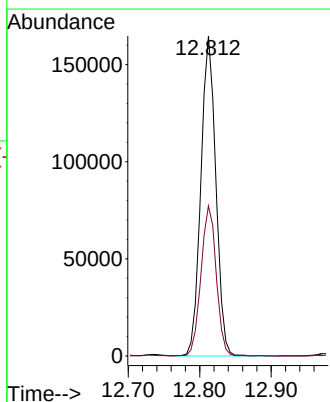
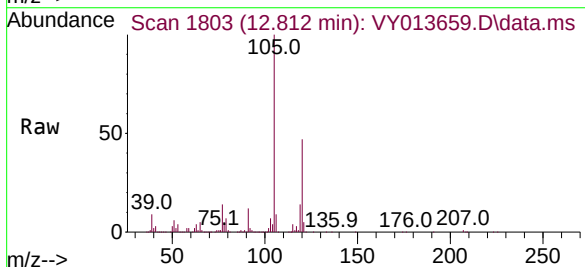
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

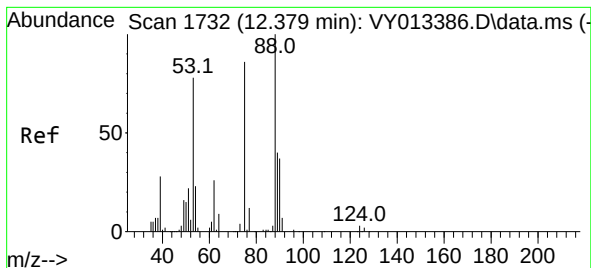
Tgt Ion: 91 Resp: 200316
Ion Ratio Lower Upper
91 100
126 34.6 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 23.097 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 105 Resp: 240005
Ion Ratio Lower Upper
105 100
120 47.6 24.7 74.1

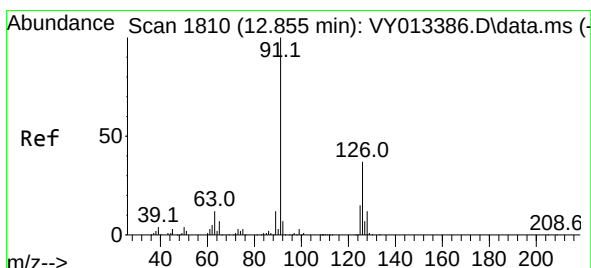
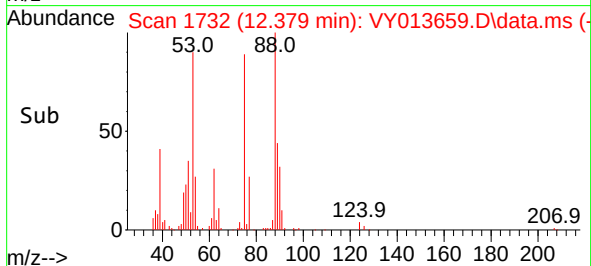
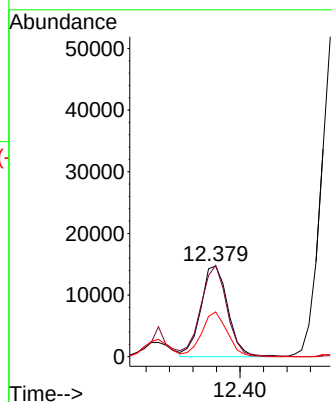
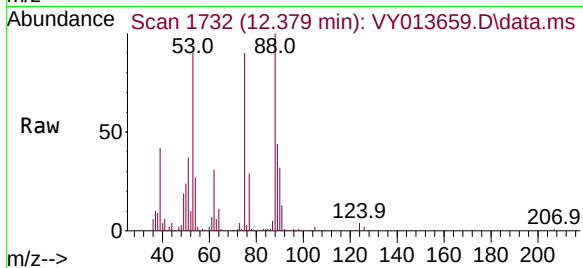




#81
trans-1,4-Dichloro-2-butene
Concen: 21.122 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

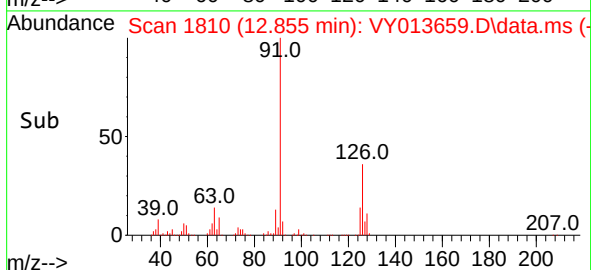
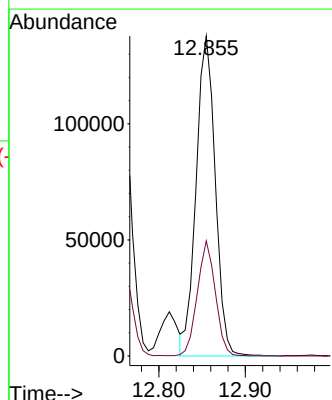
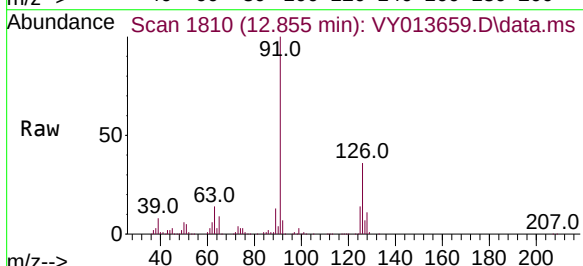
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

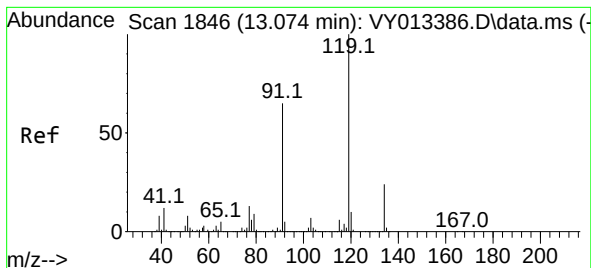
Tgt Ion: 75 Resp: 23440
Ion Ratio Lower Upper
75 100
53 97.8 73.2 109.8
89 47.1 38.0 57.0



#82
4-Chlorotoluene
Concen: 23.184 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 91 Resp: 211604
Ion Ratio Lower Upper
91 100
126 33.9 17.9 53.8





#83

tert-Butylbenzene

Concen: 22.848 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

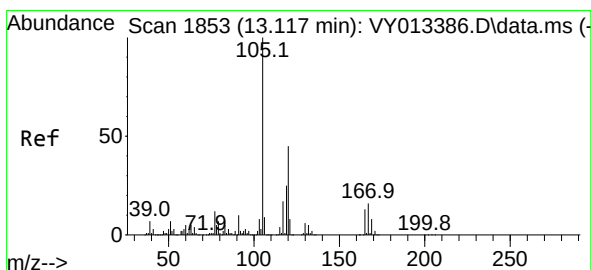
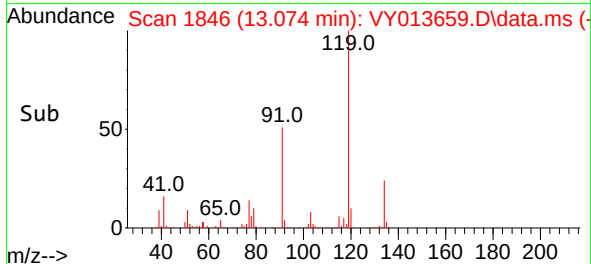
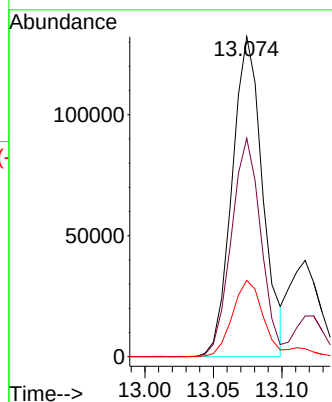
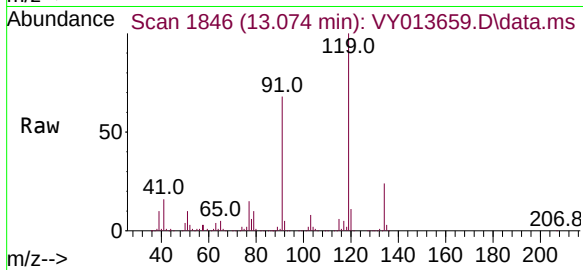
Tgt Ion:119 Resp: 205691

Ion Ratio Lower Upper

119 100

91 66.1 32.2 96.6

134 24.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 23.516 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY013659.D

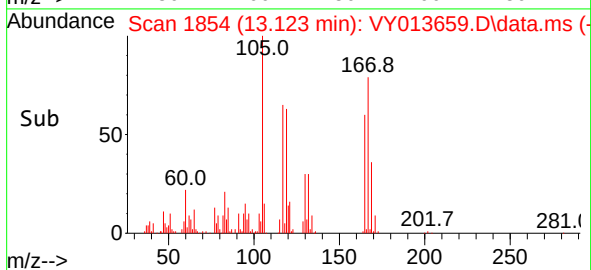
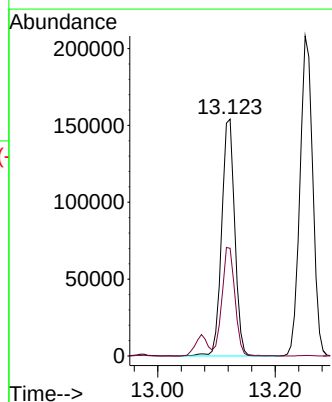
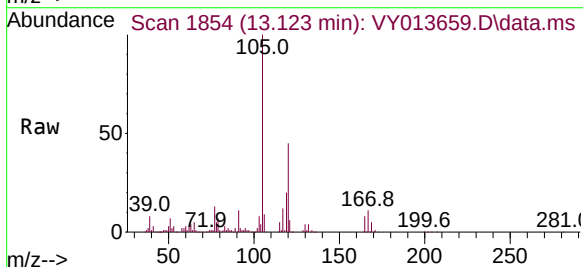
Acq: 09 May 2023 11:34

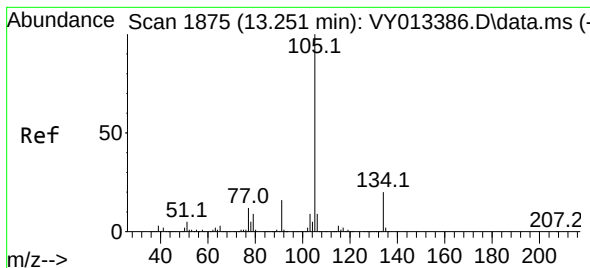
Tgt Ion:105 Resp: 237576

Ion Ratio Lower Upper

105 100

120 45.2 22.3 66.9

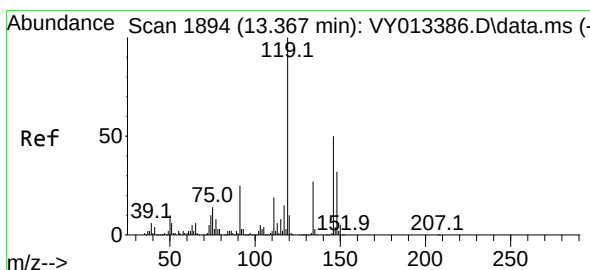
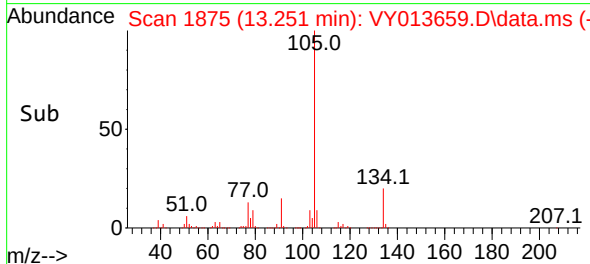
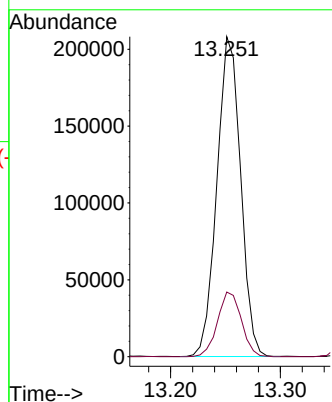
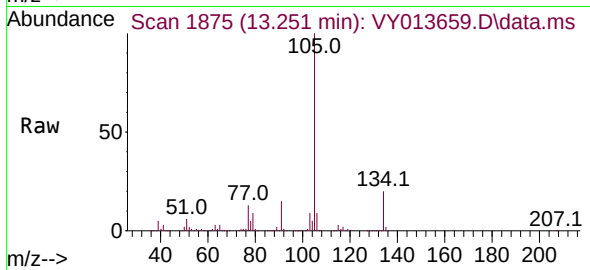




#85
 sec-Butylbenzene
 Concen: 23.179 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013659.D
 Acq: 09 May 2023 11:34

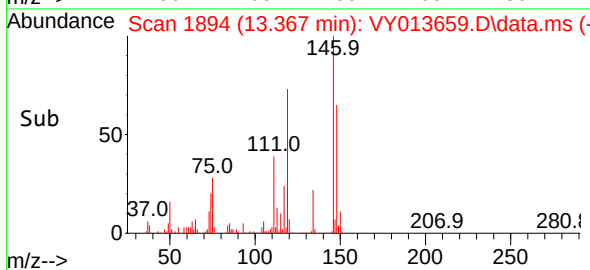
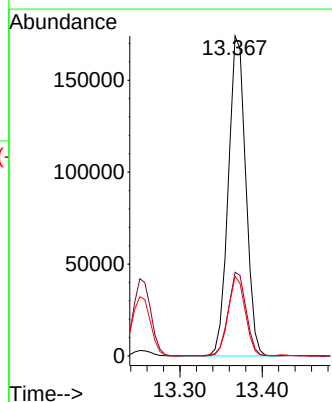
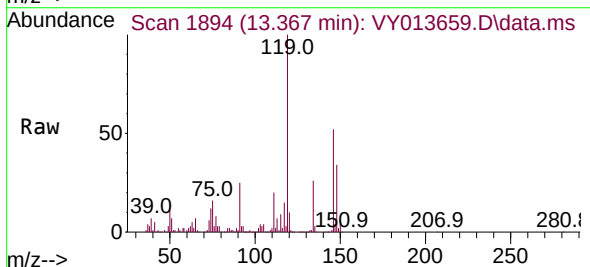
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBSD01

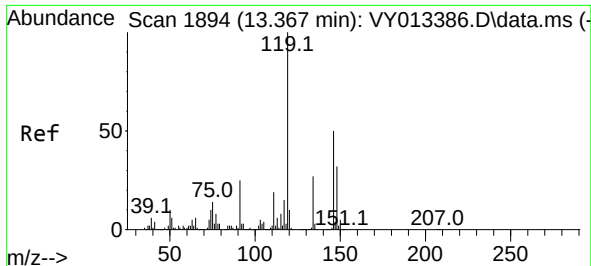
Tgt Ion:105 Resp: 313172
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 23.669 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013659.D
 Acq: 09 May 2023 11:34

Tgt Ion:119 Resp: 257168
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 24.4 12.1 36.3

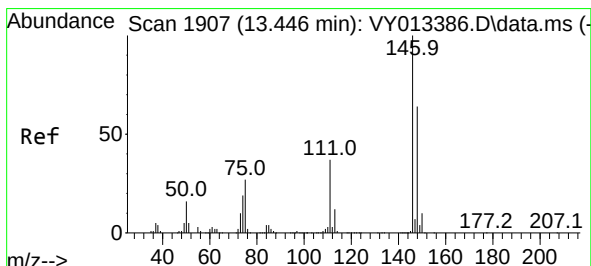
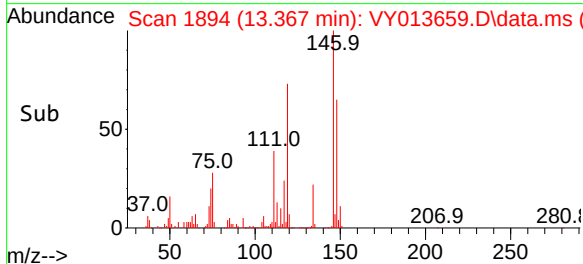
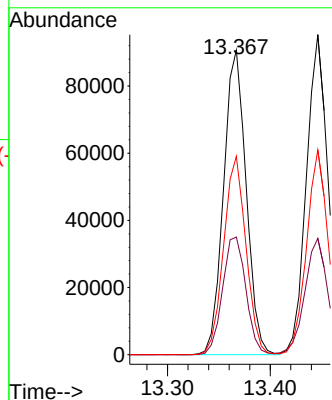
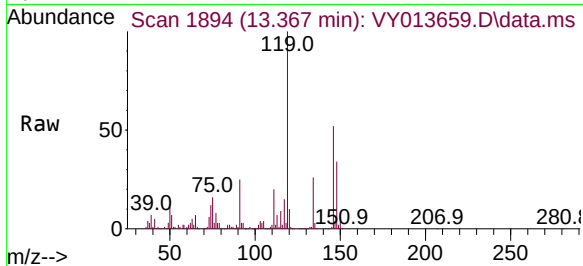




#87
 1,3-Dichlorobenzene
 Concen: 23.577 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013659.D
 Acq: 09 May 2023 11:34

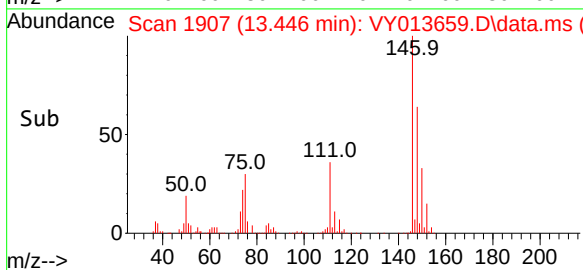
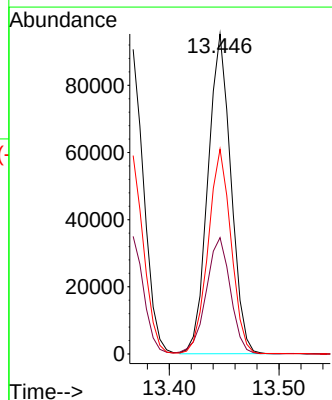
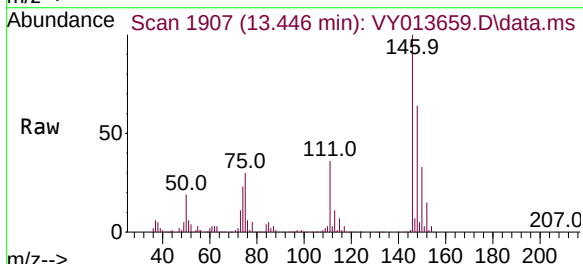
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBSD01

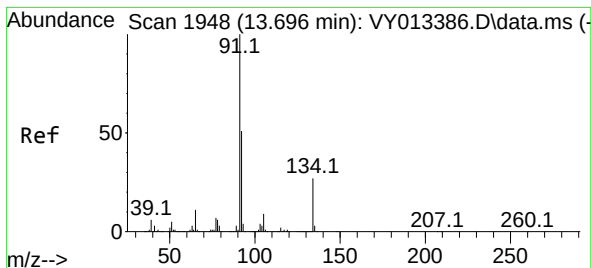
Tgt Ion:146 Resp: 138566
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.3 57.9
 148 64.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 23.384 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY013659.D
 Acq: 09 May 2023 11:34

Tgt Ion:146 Resp: 138826
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.5
 148 64.0 31.9 95.5





#89

n-Butylbenzene

Concen: 23.168 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013659.D

Acq: 09 May 2023 11:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

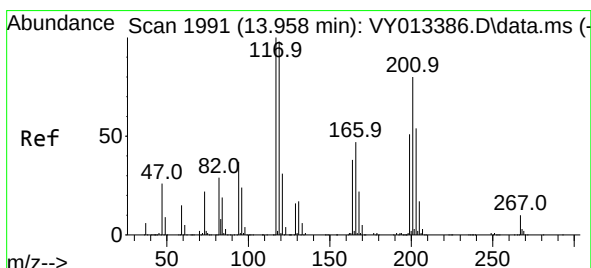
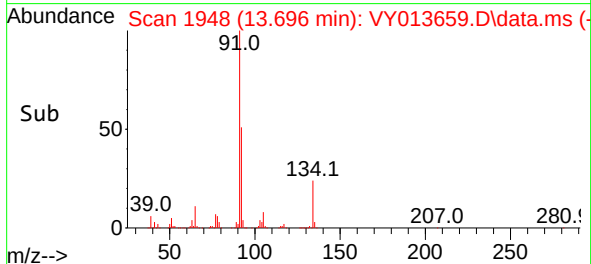
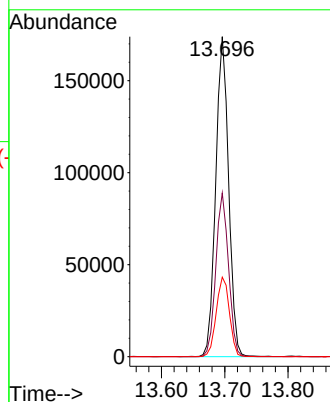
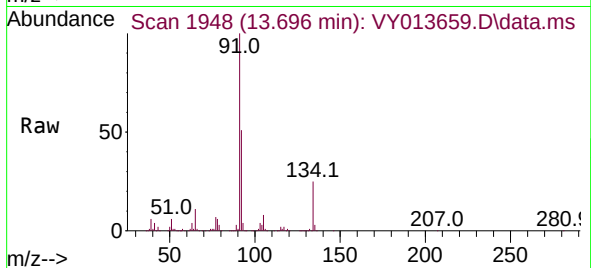
Tgt Ion: 91 Resp: 245690

Ion Ratio Lower Upper

91 100

92 50.6 25.8 77.3

134 25.5 13.5 40.4



#90

Hexachloroethane

Concen: 22.946 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013659.D

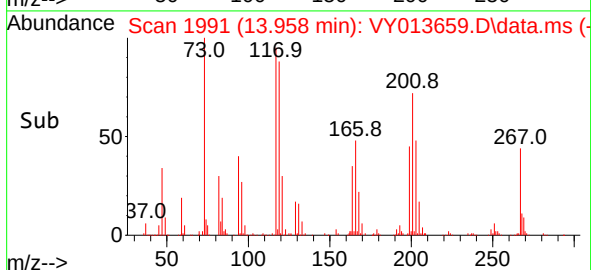
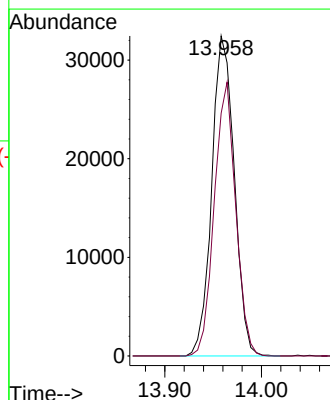
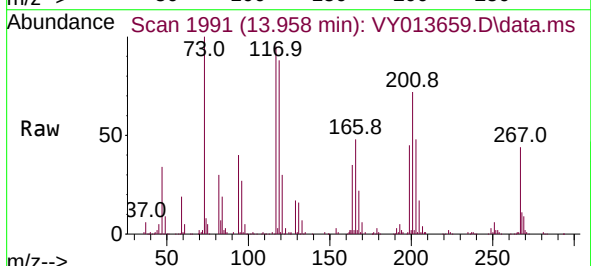
Acq: 09 May 2023 11:34

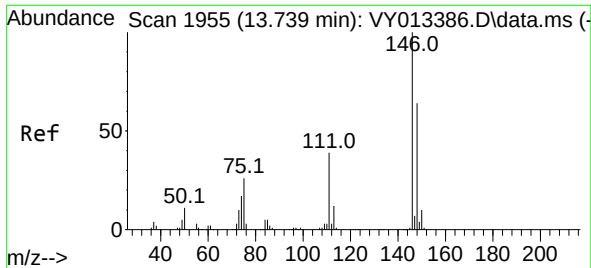
Tgt Ion: 117 Resp: 52473

Ion Ratio Lower Upper

117 100

201 81.3 41.6 124.8

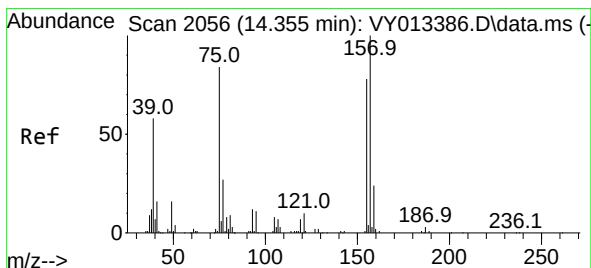
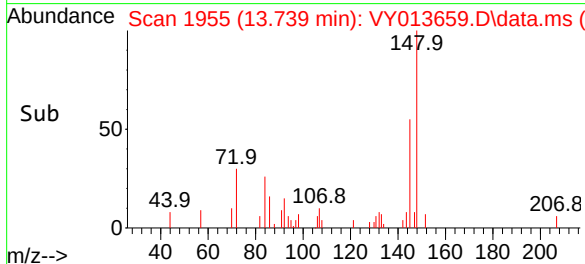
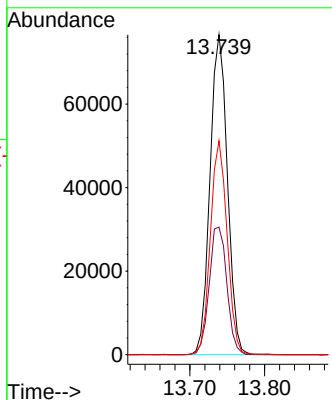
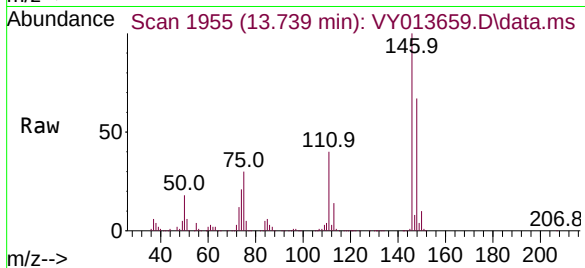




#91
1,2-Dichlorobenzene
Concen: 23.320 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

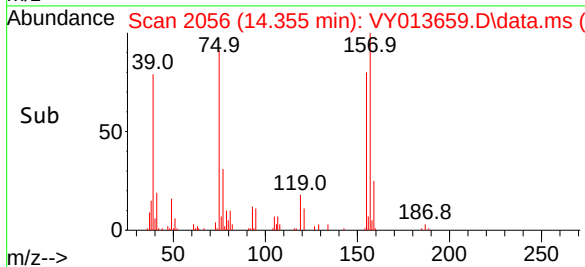
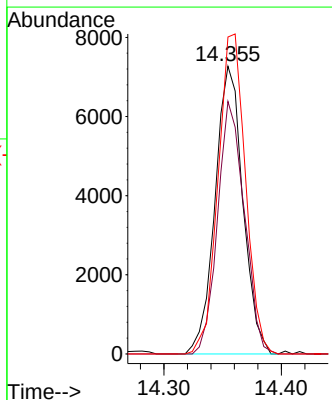
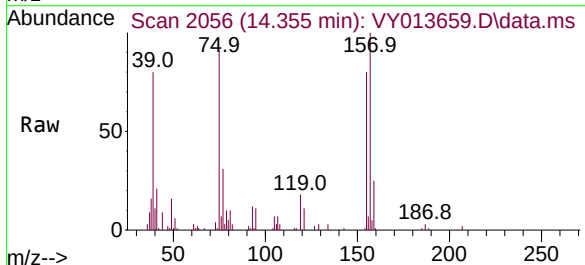
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

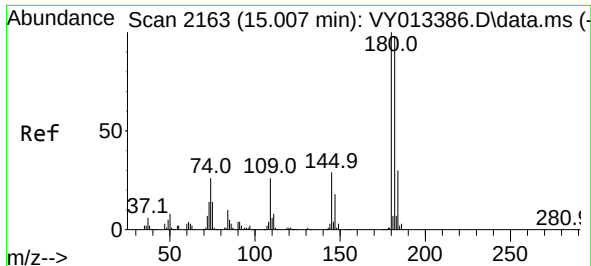
Tgt Ion:146 Resp: 123764
Ion Ratio Lower Upper
146 100
111 40.6 19.8 59.4
148 64.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.773 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion: 75 Resp: 11966
Ion Ratio Lower Upper
75 100
155 84.1 44.6 134.0
157 109.7 57.6 172.7

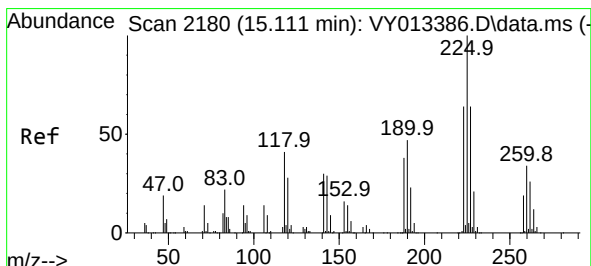
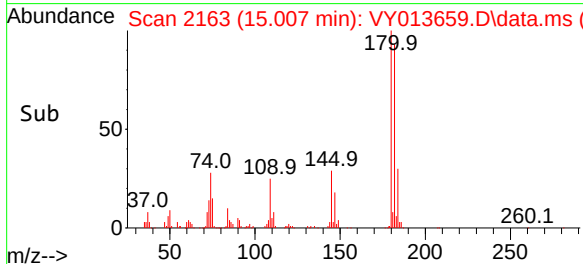
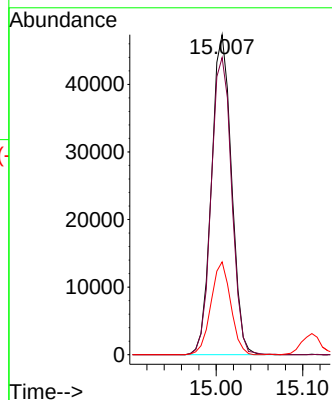
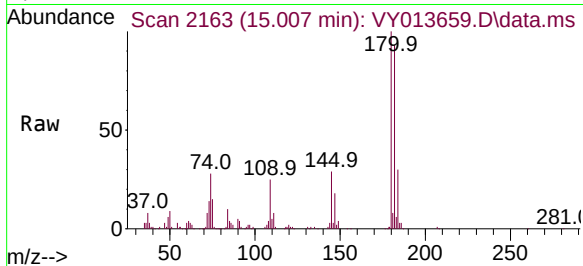




#93
1,2,4-Trichlorobenzene
Concen: 23.962 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

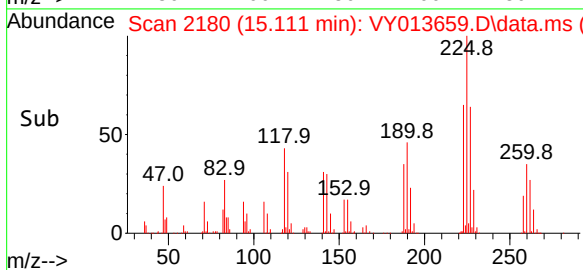
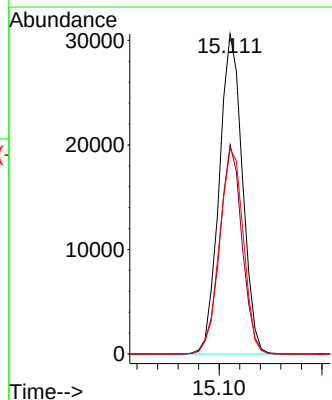
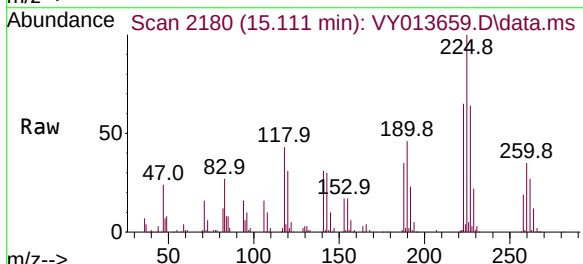
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

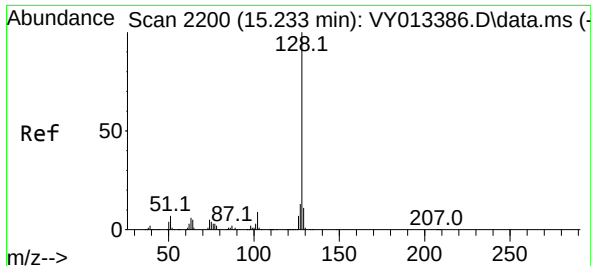
Tgt Ion:180 Resp: 75820
Ion Ratio Lower Upper
180 100
182 94.9 48.5 145.5
145 28.7 15.0 45.0



#94
Hexachlorobutadiene
Concen: 26.008 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion:225 Resp: 47894
Ion Ratio Lower Upper
225 100
223 63.3 31.4 94.2
227 65.7 32.0 96.0

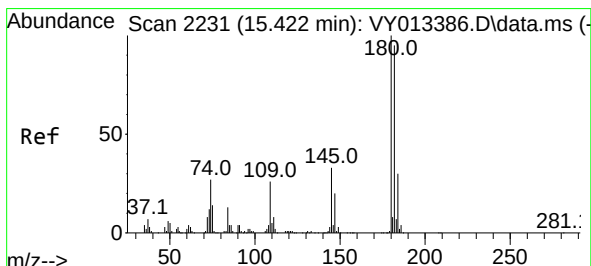
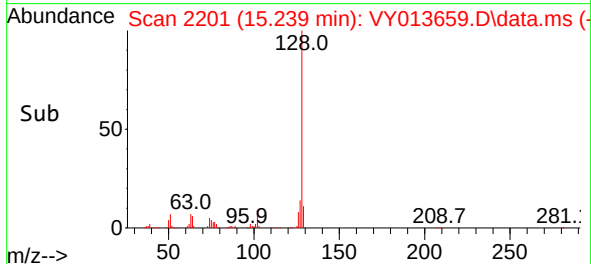
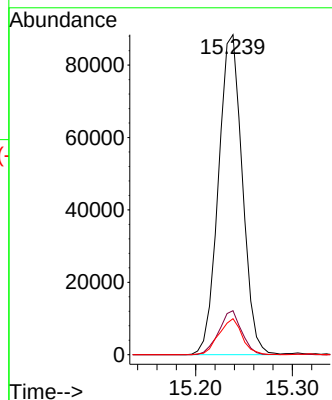
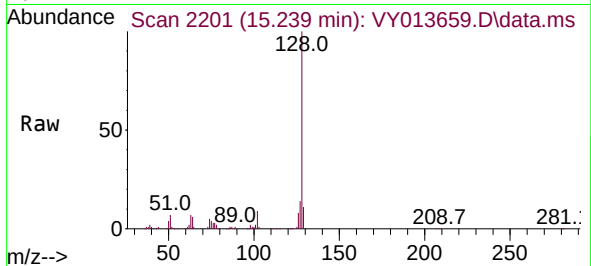




#95
Naphthalene
Concen: 22.051 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

Tgt Ion:128 Resp: 151390
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 24.410 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.001 min
Lab File: VY013659.D
Acq: 09 May 2023 11:34

Tgt Ion:180 Resp: 68840
Ion Ratio Lower Upper
180 100
182 94.9 47.1 141.3
145 30.5 15.9 47.7

