

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013910.D
 Acq On : 30 May 2023 11:03
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: May 30 15:36:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	270819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	410065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	368971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	183251	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	158192	50.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.980%	
35) Dibromofluoromethane	7.716	113	138074	52.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.280%	
50) Toluene-d8	10.178	98	507607	50.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	12.477	95	176485	52.751	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	121337	48.913	ug/l	98
3) Chloromethane	2.113	50	141795	46.919	ug/l	98
4) Vinyl Chloride	2.253	62	141599	45.816	ug/l	100
5) Bromomethane	2.655	94	105840	43.095	ug/l	97
6) Chloroethane	2.796	64	90878	45.126	ug/l	98
7) Trichlorofluoromethane	3.125	101	238284	45.811	ug/l	96
8) Diethyl Ether	3.533	74	71860	45.042	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	126015	44.691	ug/l	100
10) Methyl Iodide	4.088	142	153416	45.830	ug/l	98
11) Tert butyl alcohol	4.936	59	80236	334.293	ug/l #	73
12) 1,1-Dichloroethene	3.875	96	119723	45.195	ug/l	97
13) Acrolein	3.728	56	86451	239.454	ug/l	99
14) Allyl chloride	4.484	41	220089	45.508	ug/l	99
15) Acrylonitrile	5.161	53	187689	229.445	ug/l	99
16) Acetone	3.954	43	252116	271.120	ug/l	98
17) Carbon Disulfide	4.192	76	358959	45.396	ug/l	99
18) Methyl Acetate	4.478	43	142460	44.159	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	344222	47.615	ug/l	100
20) Methylene Chloride	4.716	84	143944	43.318	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	134945	46.862	ug/l	96
22) Diisopropyl ether	6.118	45	420702	45.054	ug/l	100
23) Vinyl Acetate	6.057	43	1227442	225.689	ug/l	100
24) 1,1-Dichloroethane	6.015	63	237222	43.517	ug/l	98
25) 2-Butanone	6.990	43	267591	235.825	ug/l	99
26) 2,2-Dichloropropane	6.984	77	225502	45.924	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	145542	44.991	ug/l	99
28) Bromochloromethane	7.331	49	65853	41.157	ug/l	98
29) Tetrahydrofuran	7.350	42	149465	220.623	ug/l	98
30) Chloroform	7.508	83	250743	45.369	ug/l	99
31) Cyclohexane	7.783	56	200358	41.622	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	229771	45.572	ug/l	99
36) 1,1-Dichloropropene	7.917	75	183128	45.401	ug/l	99
37) Ethyl Acetate	7.075	43	110203	44.790	ug/l	99
38) Carbon Tetrachloride	7.898	117	210526	45.895	ug/l	98
39) Methylcyclohexane	9.179	83	207156	43.854	ug/l	95
40) Benzene	8.161	78	527780	45.556	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	147986	110.235	ug/l #	31
42) 1,2-Dichloroethane	8.234	62	176485	46.527	ug/l	98
43) Isopropyl Acetate	8.270	43	195735	43.656	ug/l	99
44) Trichloroethene	8.941	130	141137	45.218	ug/l	99
45) 1,2-Dichloropropane	9.215	63	134267	45.240	ug/l	100
46) Dibromomethane	9.301	93	77974	45.875	ug/l	99
47) Bromodichloromethane	9.496	83	189851	45.833	ug/l	99
48) Methyl methacrylate	9.288	41	90663	43.062	ug/l	93
49) 1,4-Dioxane	9.313	88	18795	940.885	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	534902	223.866	ug/l	99
52) Toluene	10.239	92	326683	46.248	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	195828	46.444	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	215022	45.521	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	102681	44.904	ug/l	96
56) Ethyl methacrylate	10.508	69	144697	47.404	ug/l	99
57) 1,3-Dichloropropane	10.788	76	178701	45.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	186836	191.829	ug/l	100
59) 2-Hexanone	10.831	43	404265	237.858	ug/l	100
60) Dibromochloromethane	10.983	129	136874	47.319	ug/l	99
61) 1,2-Dibromoethane	11.087	107	102046	46.911	ug/l	100
64) Tetrachloroethene	10.715	164	121822	44.623	ug/l	98
65) Chlorobenzene	11.514	112	350468	45.320	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	138955	46.556	ug/l	99
67) Ethyl Benzene	11.593	91	638911	45.911	ug/l	100
68) m/p-Xylenes	11.703	106	489212	92.891	ug/l	99
69) o-Xylene	12.026	106	232912	46.950	ug/l	97
70) Styrene	12.044	104	395100	47.017	ug/l	98
71) Bromoform	12.209	173	91639	46.976	ug/l #	97
73) Isopropylbenzene	12.331	105	617441	45.269	ug/l	100
74) N-amyl acetate	12.142	43	178147	43.443	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	124685	44.160	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	167757	77.637	ug/l #	100
77) Bromobenzene	12.605	156	150513	44.974	ug/l	99
78) n-propylbenzene	12.672	91	754492	44.777	ug/l	99
79) 2-Chlorotoluene	12.757	91	417361	44.344	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	513805	45.637	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	46692	46.906	ug/l	97
82) 4-Chlorotoluene	12.855	91	439786	45.208	ug/l	98
83) tert-Butylbenzene	13.074	119	441427	45.017	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	514244	46.532	ug/l	99
85) sec-Butylbenzene	13.251	105	654365	44.924	ug/l	100
86) p-Isopropyltoluene	13.367	119	540835	44.923	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	290233	44.901	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	288409	44.817	ug/l	99
89) n-Butylbenzene	13.696	91	515163	44.622	ug/l	100
90) Hexachloroethane	13.958	117	109320	44.226	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	262362	45.672	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22028	44.531	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	158872	44.612	ug/l	99
94) Hexachlorobutadiene	15.111	225	98456	43.848	ug/l	97
95) Naphthalene	15.239	128	310987	40.694	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	139399	44.017	ug/l	99

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ClientSampleId :
VSTDCCC050

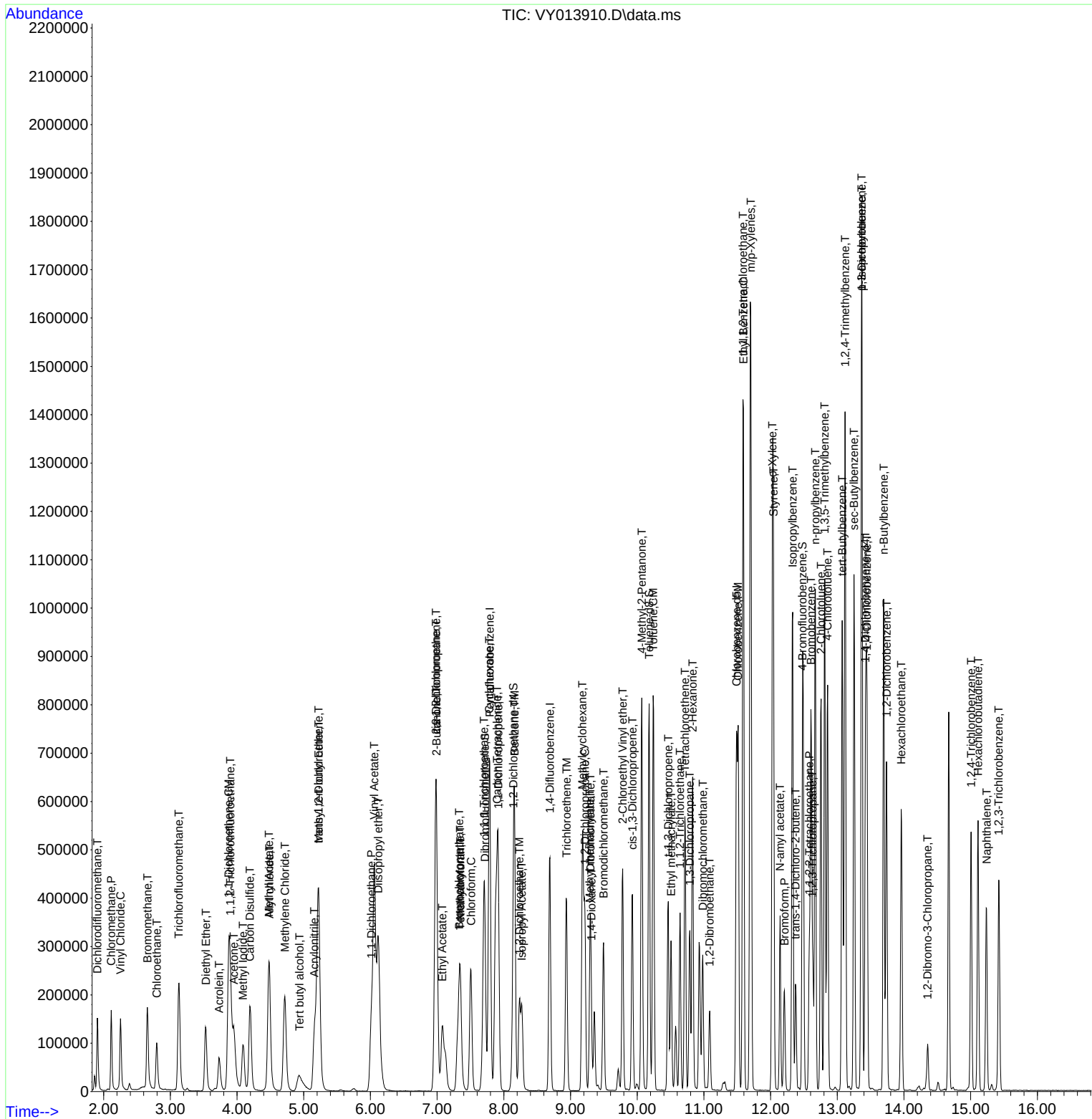
Quant Time: May 30 15:36:13 2023
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Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
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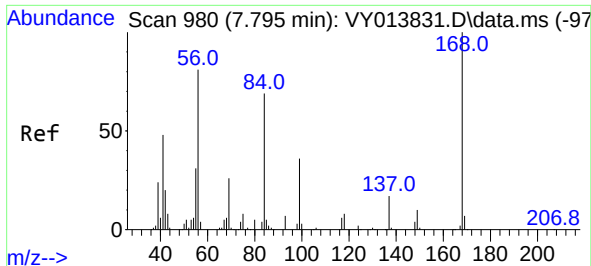
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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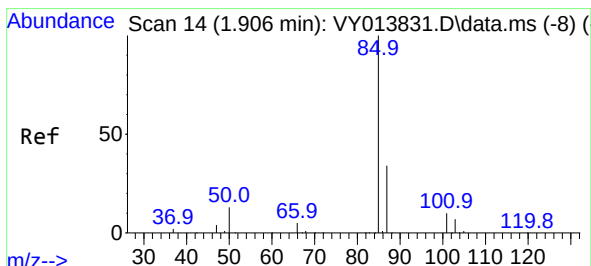
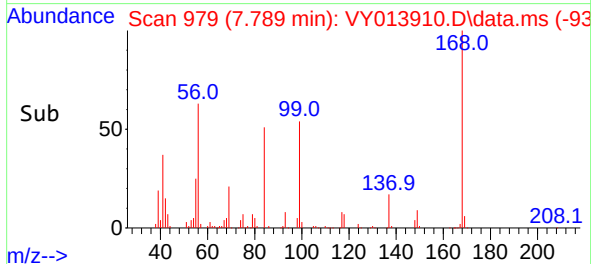
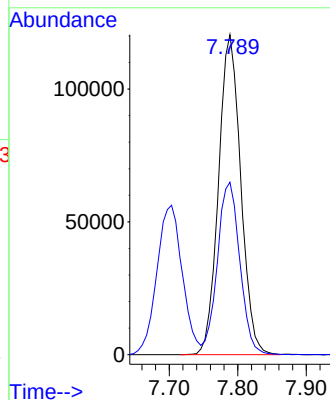
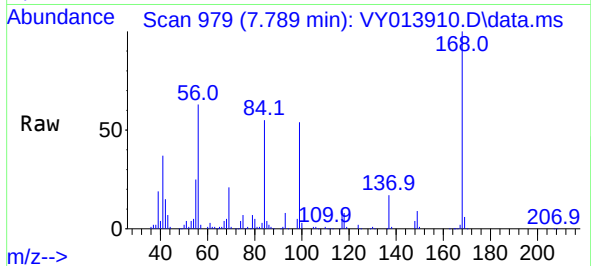




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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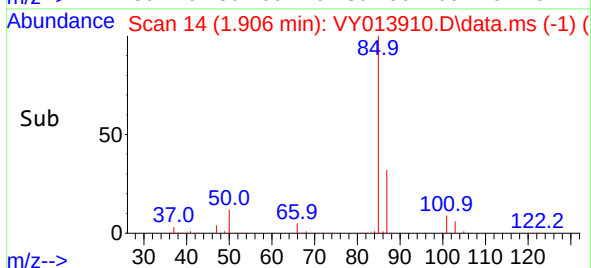
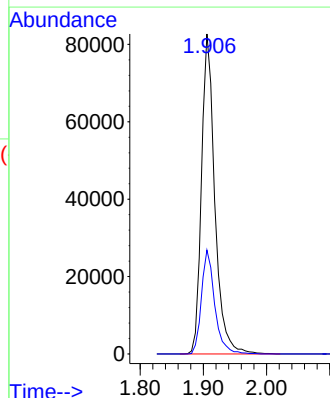
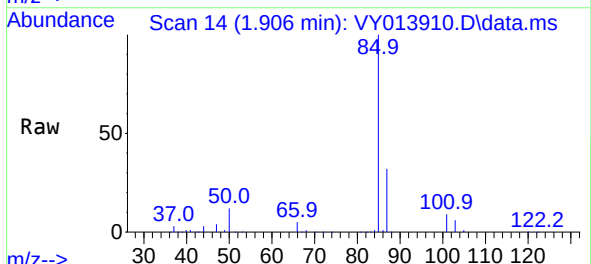
Instrument :
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ClientSampleId :
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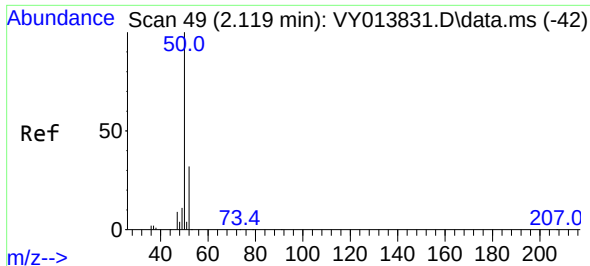
Tgt Ion:168 Resp: 270819
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 48.913 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 85 Resp: 121337
Ion Ratio Lower Upper
85 100
87 32.5 16.9 50.7

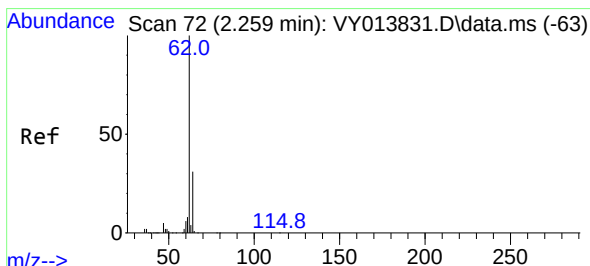
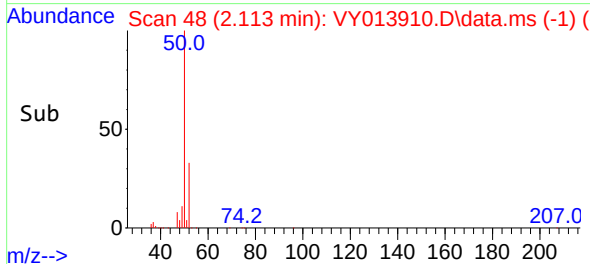
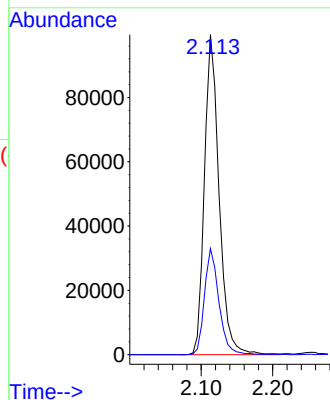
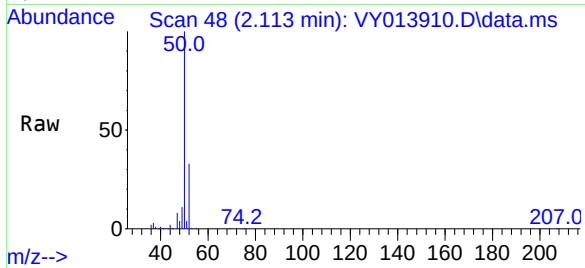




#3
Chloromethane
Concen: 46.919 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

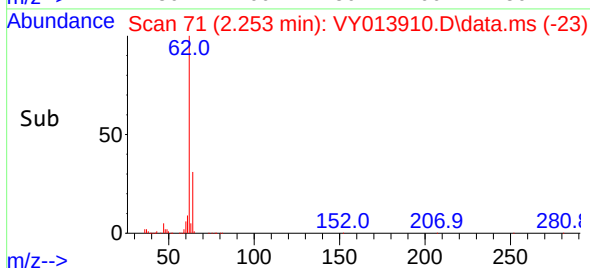
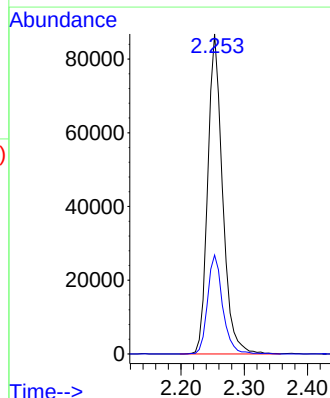
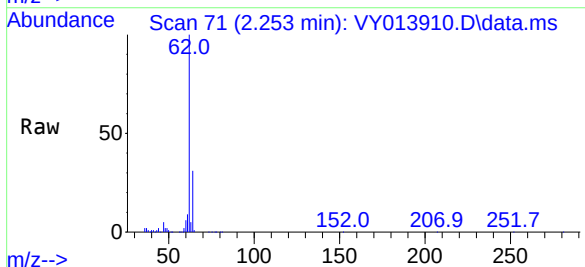
Instrument :
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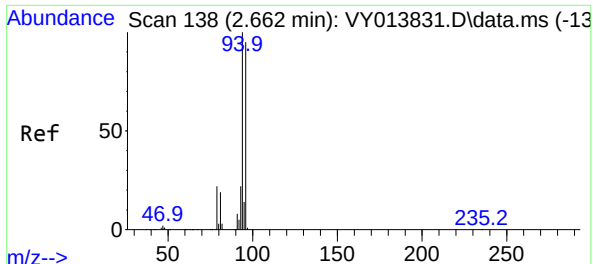
Tgt Ion: 50 Resp: 141795
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5



#4
Vinyl Chloride
Concen: 45.816 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 62 Resp: 141599
Ion Ratio Lower Upper
62 100
64 30.9 24.8 37.2

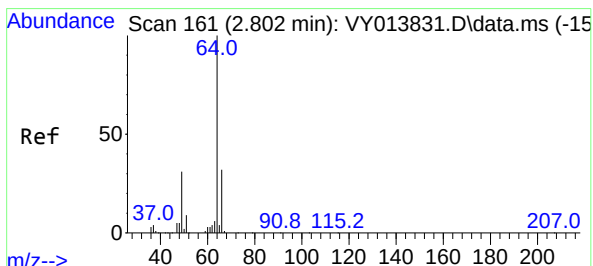
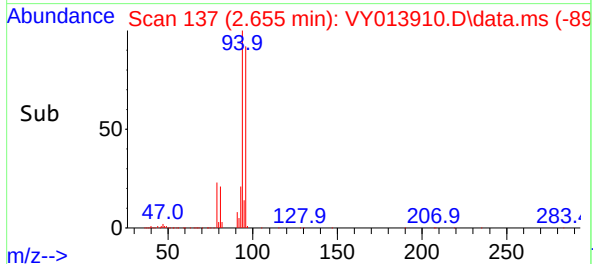
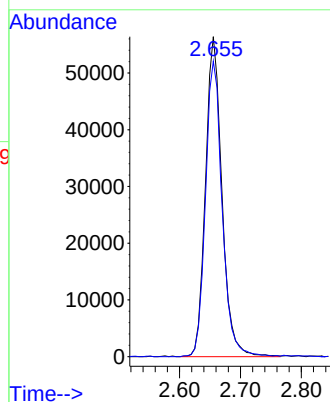
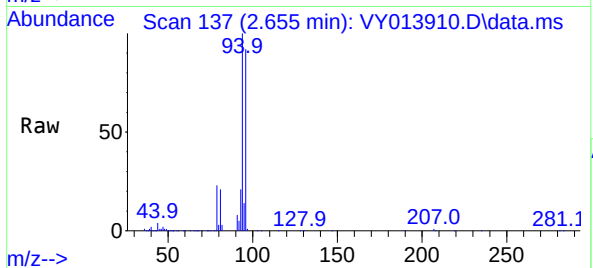




#5
Bromomethane
Concen: 43.095 ug/l
RT: 2.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

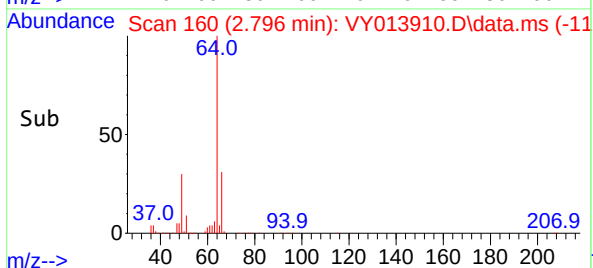
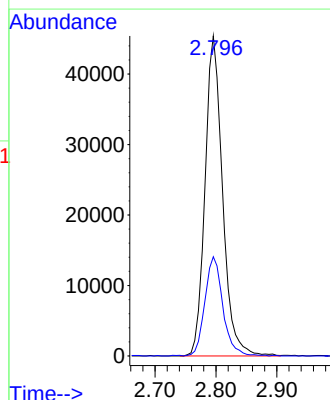
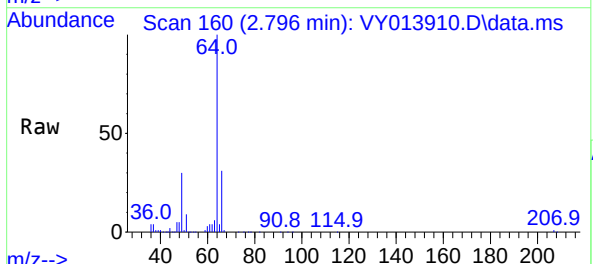
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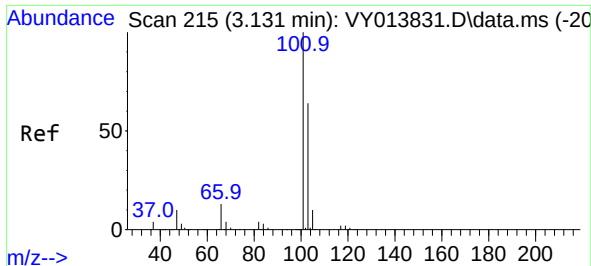
Tgt Ion: 94 Resp: 105840
Ion Ratio Lower Upper
94 100
96 92.4 76.2 114.2



#6
Chloroethane
Concen: 45.126 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 64 Resp: 90878
Ion Ratio Lower Upper
64 100
66 31.0 25.7 38.5

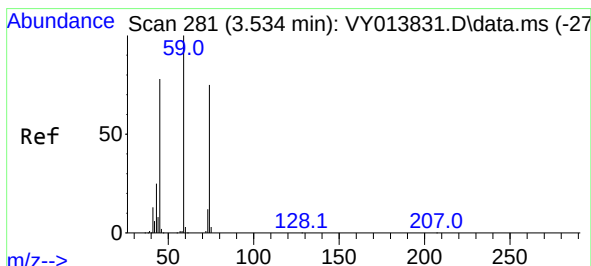
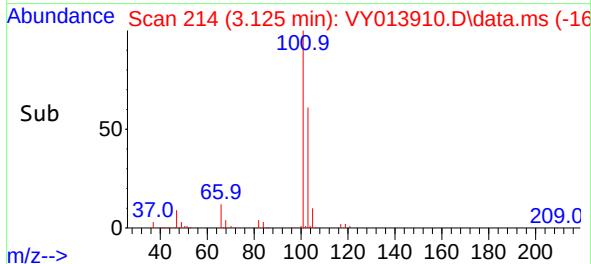
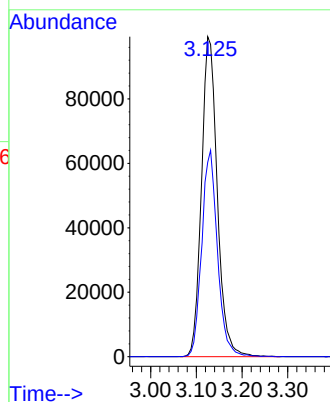
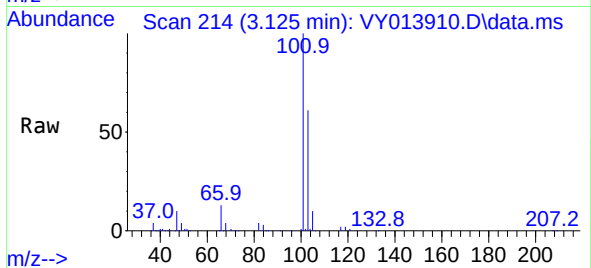




#7
Trichlorofluoromethane
Concen: 45.811 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

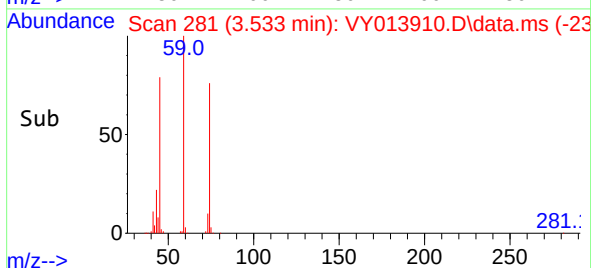
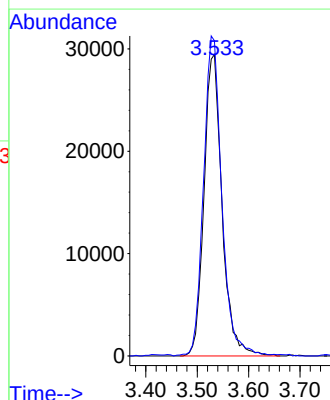
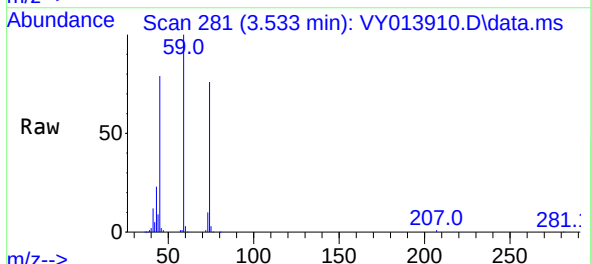
Instrument :
MSVOA_Y
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VSTDCCC050

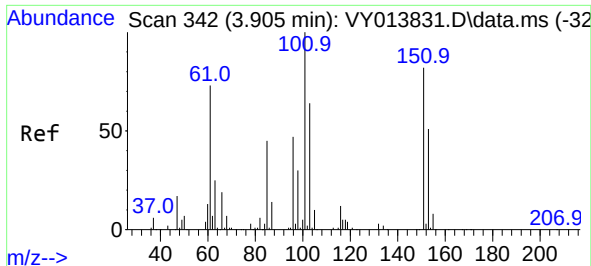
Tgt Ion:101 Resp: 238284
Ion Ratio Lower Upper
101 100
103 60.8 51.3 76.9



#8
Diethyl Ether
Concen: 45.042 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 74 Resp: 71860
Ion Ratio Lower Upper
74 100
45 107.6 51.8 155.5

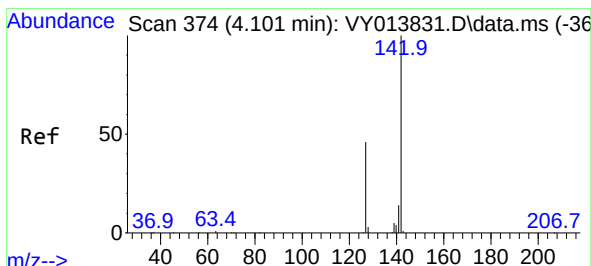
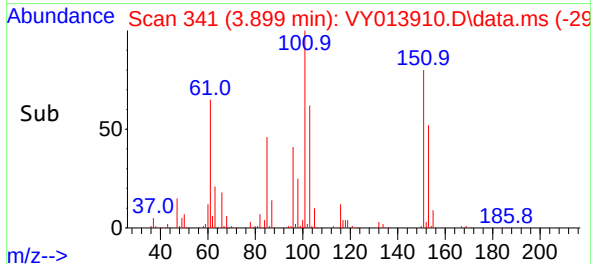
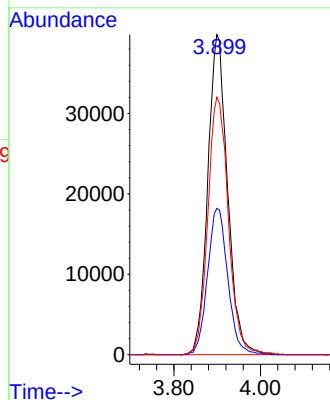
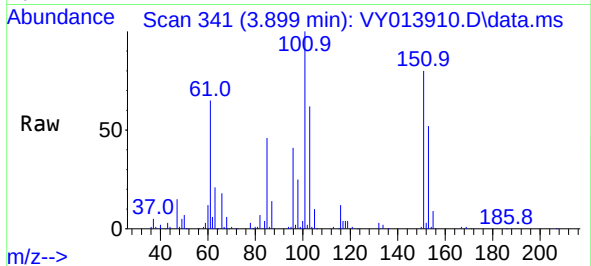




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.691 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

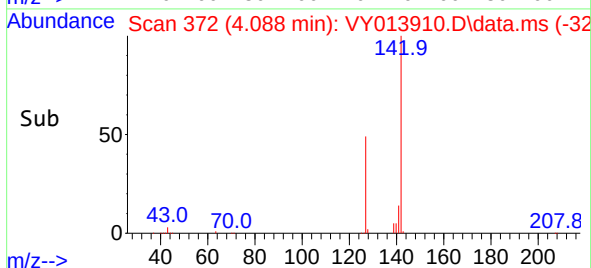
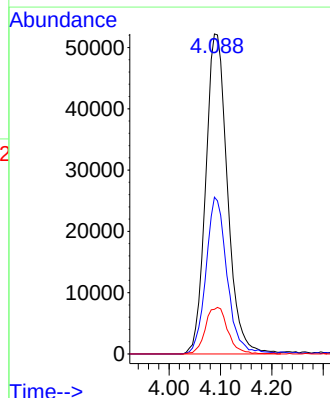
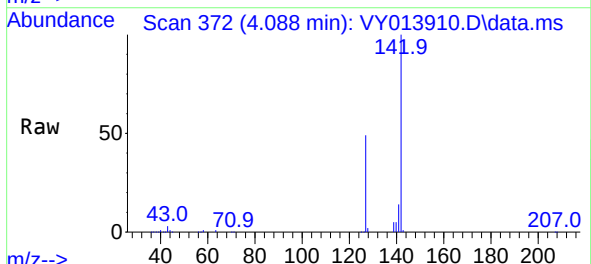
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

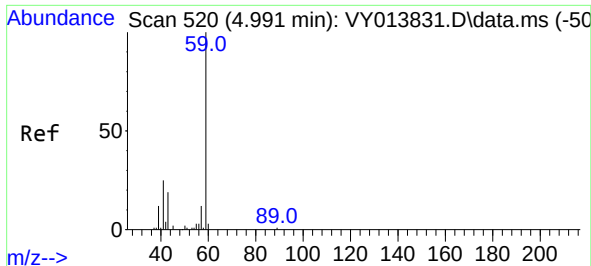
Tgt Ion:101 Resp: 126015
Ion Ratio Lower Upper
101 100
85 46.9 37.4 56.2
151 83.7 66.6 100.0



#10
Methyl Iodide
Concen: 45.830 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion:142 Resp: 153416
Ion Ratio Lower Upper
142 100
127 47.5 37.0 55.4
141 15.0 11.8 17.6





#11

Tert butyl alcohol

Concen: 334.293 ug/l

RT: 4.936 min Scan# 51

Delta R.T. -0.055 min

Lab File: VY013910.D

Acq: 30 May 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :

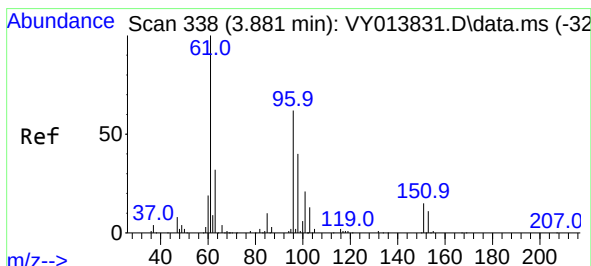
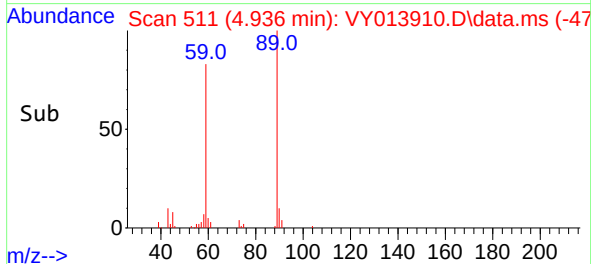
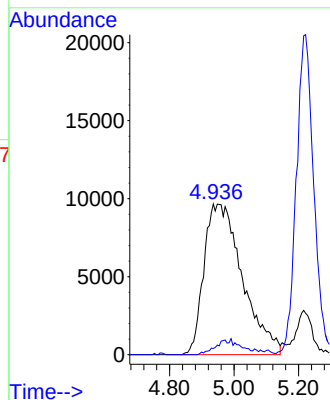
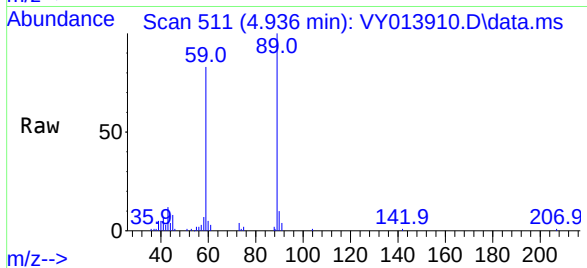
VSTDCCC050

Tgt Ion: 59 Resp: 80236

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 45.195 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY013910.D

Acq: 30 May 2023 11:03

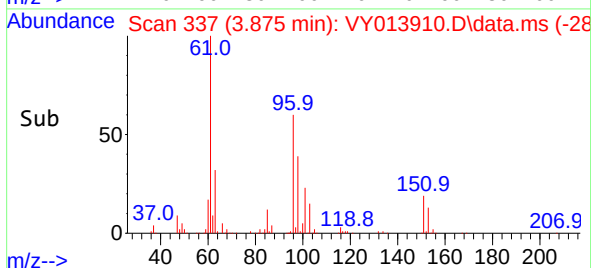
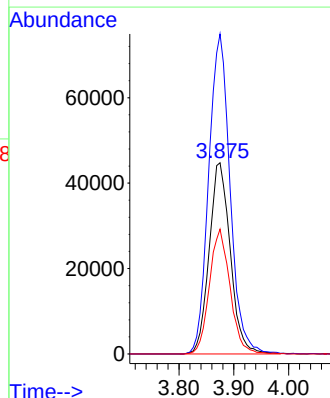
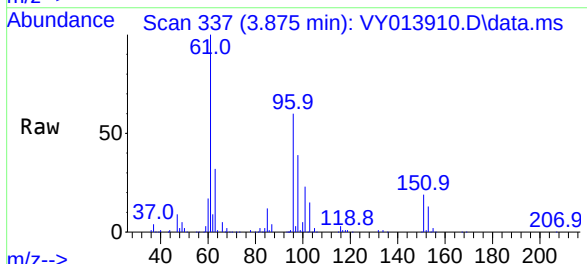
Tgt Ion: 96 Resp: 119723

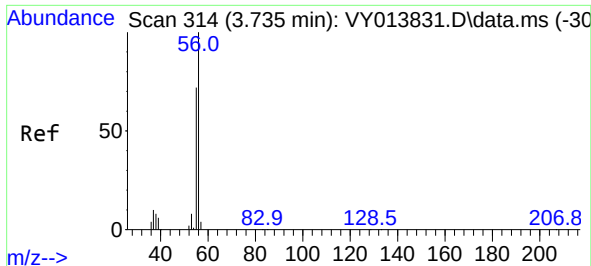
Ion Ratio Lower Upper

96 100

61 167.4 129.0 193.4

98 65.2 52.0 78.0

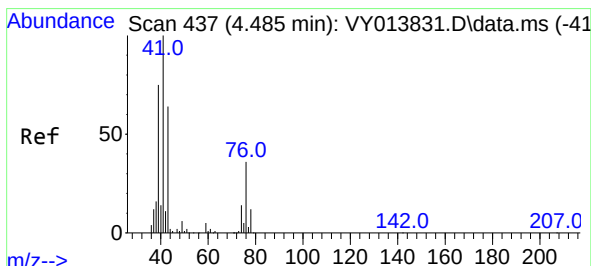
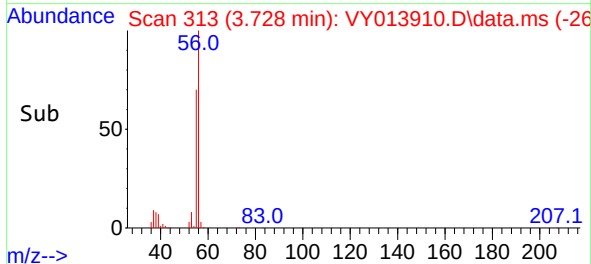
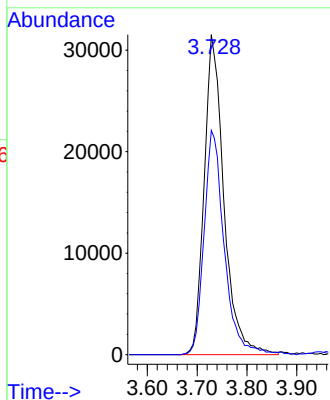
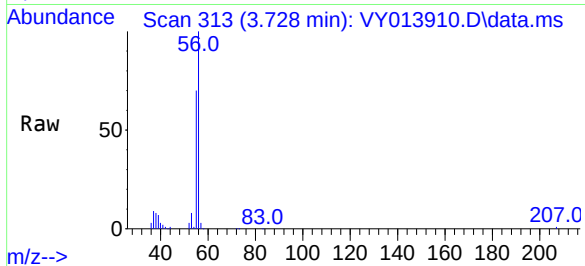




#13
Acrolein
Concen: 239.454 ug/l
RT: 3.728 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

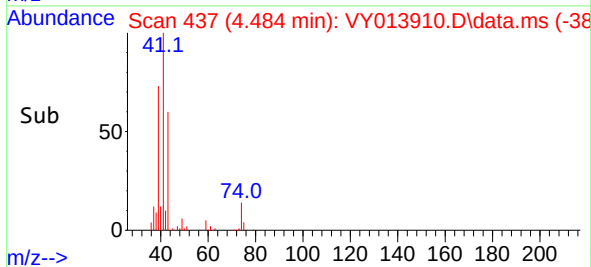
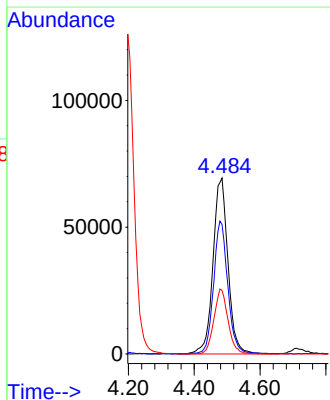
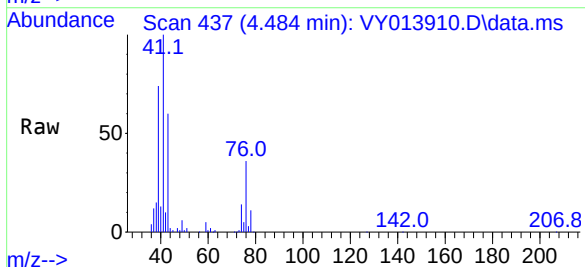
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

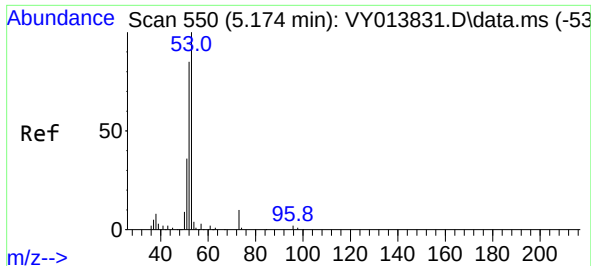
Tgt Ion: 56 Resp: 86451
Ion Ratio Lower Upper
56 100
55 71.3 56.2 84.2



#14
Allyl chloride
Concen: 45.508 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 41 Resp: 220089
Ion Ratio Lower Upper
41 100
39 71.4 58.3 87.5
76 34.6 28.0 42.0

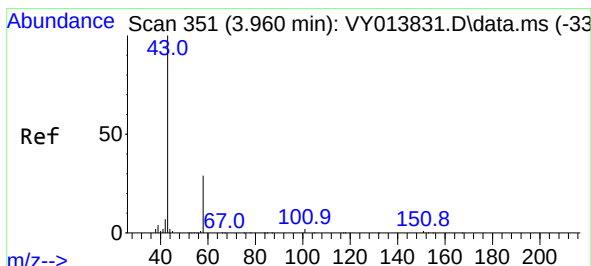
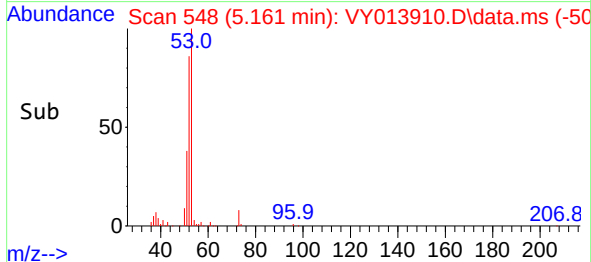
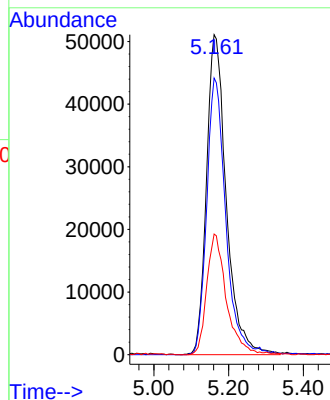
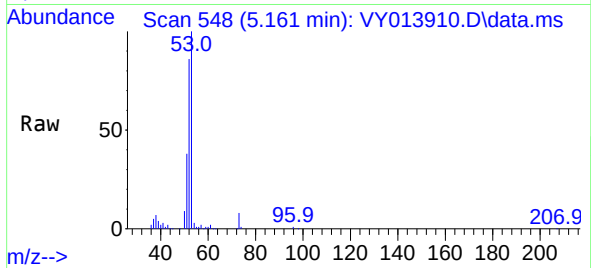




#15
Acrylonitrile
Concen: 229.445 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

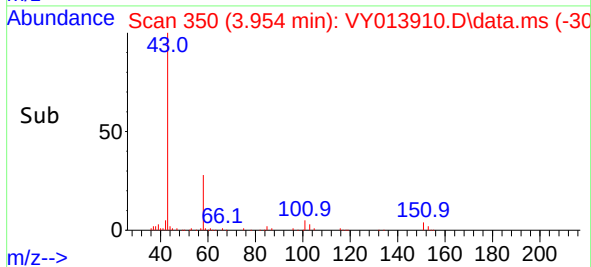
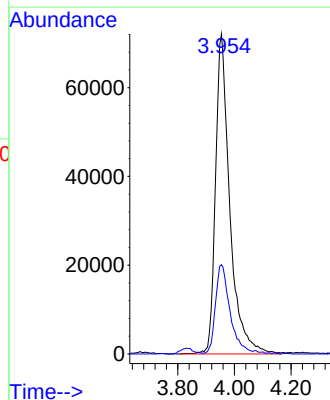
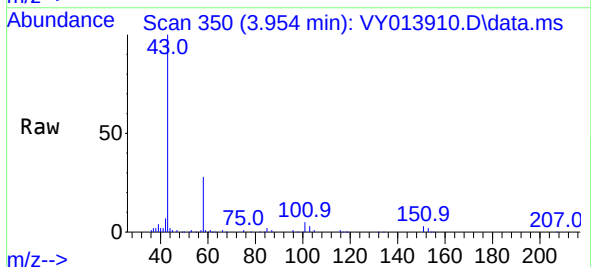
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

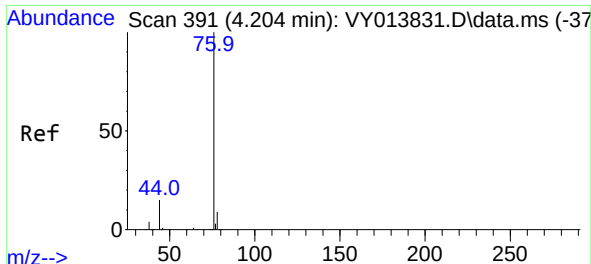
Tgt Ion: 53 Resp: 187689
Ion Ratio Lower Upper
53 100
52 82.6 67.2 100.8
51 37.3 30.2 45.2



#16
Acetone
Concen: 271.120 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 43 Resp: 252116
Ion Ratio Lower Upper
43 100
58 27.9 23.3 34.9

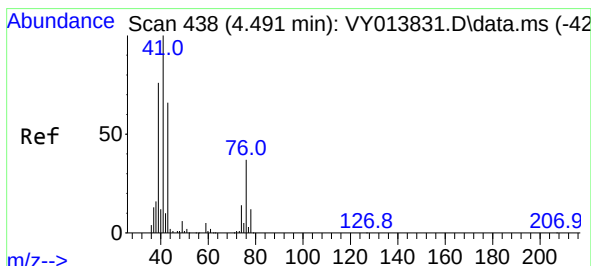
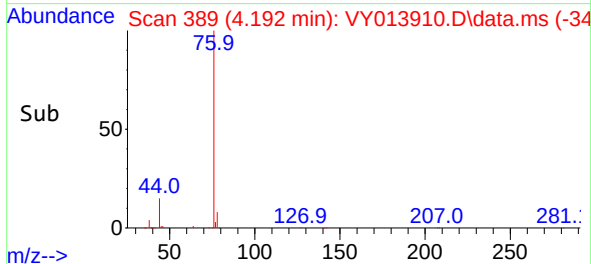
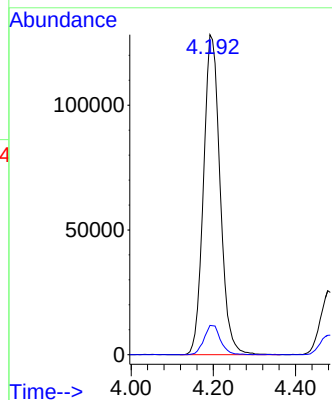
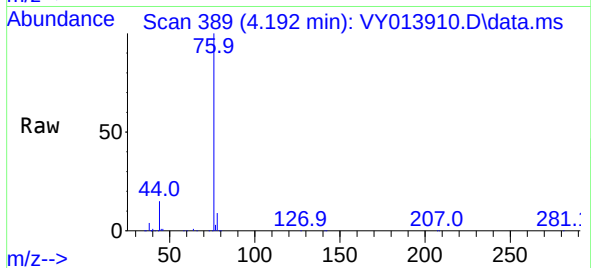




#17
Carbon Disulfide
Concen: 45.396 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

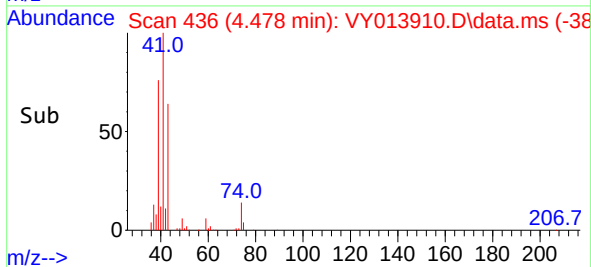
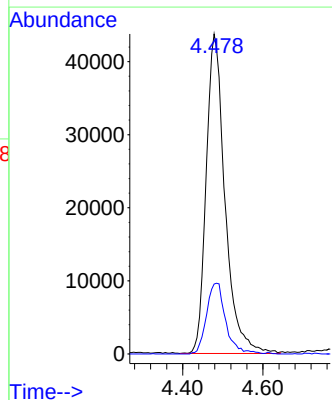
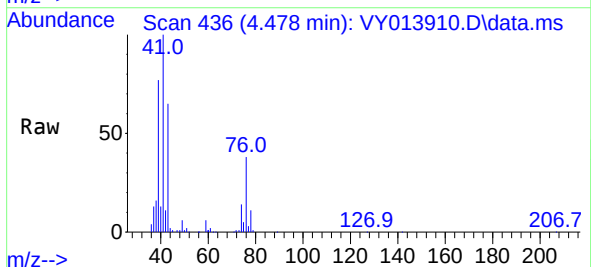
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

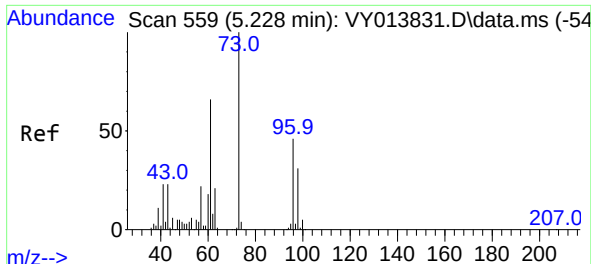
Tgt Ion: 76 Resp: 358959
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 44.159 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 43 Resp: 142460
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0

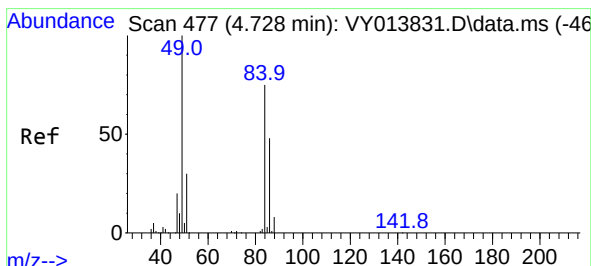
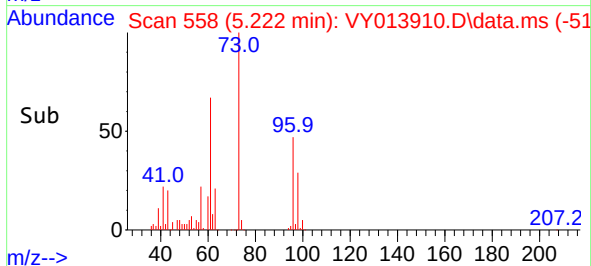
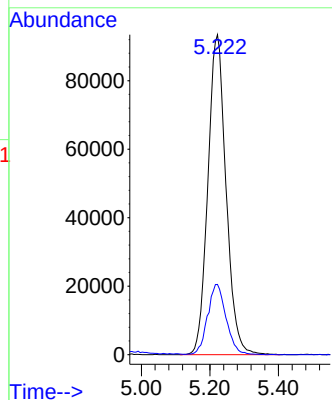
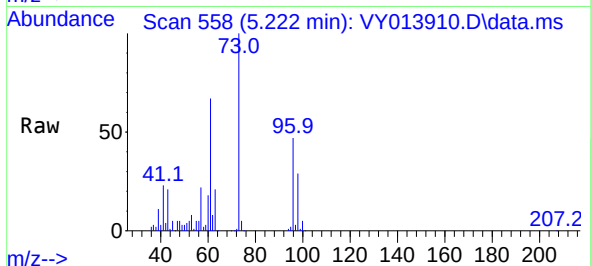




#19
Methyl tert-butyl Ether
Concen: 47.615 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

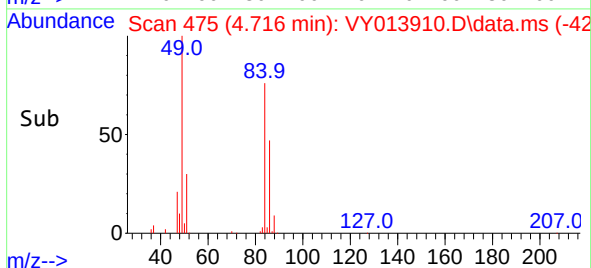
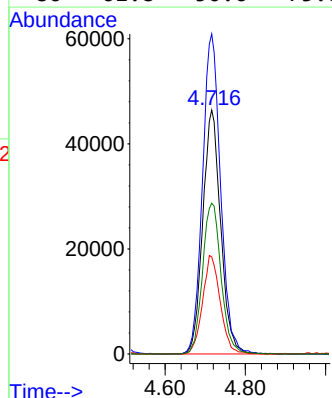
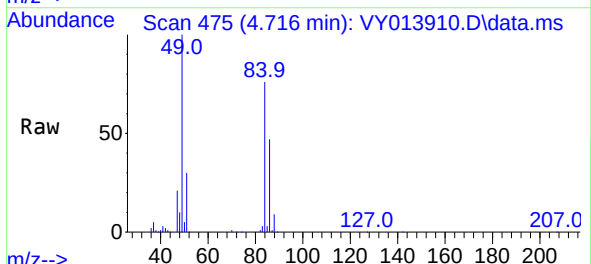
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

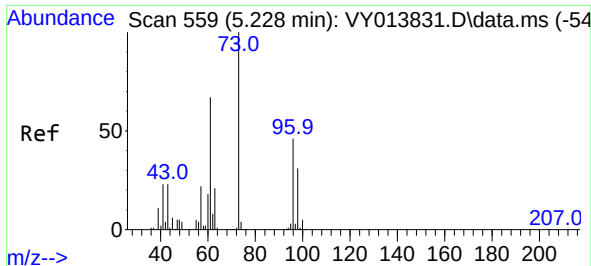
Tgt Ion: 73 Resp: 344222
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.2



#20
Methylene Chloride
Concen: 43.318 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 84 Resp: 143944
Ion Ratio Lower Upper
84 100
49 131.2 106.2 159.2
51 39.8 31.4 47.0
86 61.8 50.6 75.8

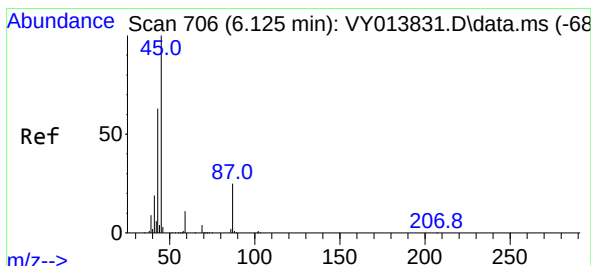
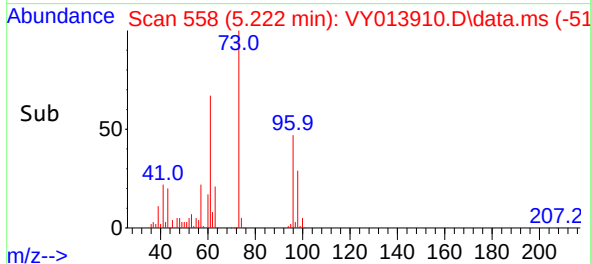
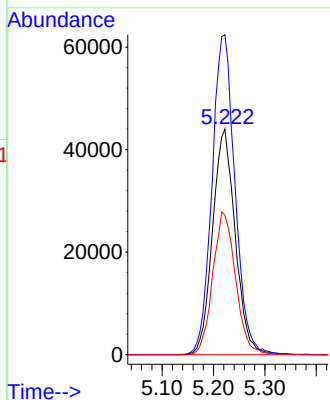
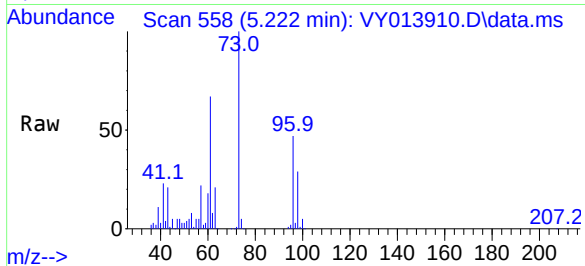




#21
trans-1,2-Dichloroethene
Concen: 46.862 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

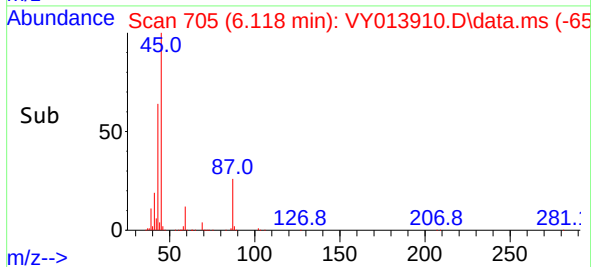
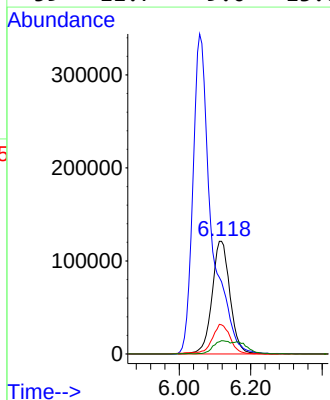
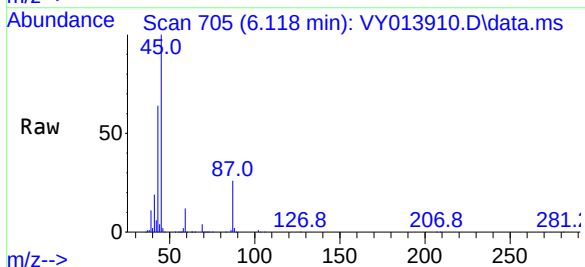
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

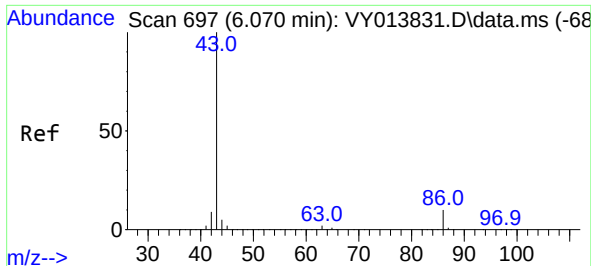
Tgt Ion: 96 Resp: 134945
Ion Ratio Lower Upper
96 100
61 141.9 115.5 173.3
98 61.8 53.7 80.5



#22
Diisopropyl ether
Concen: 45.054 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 45 Resp: 420702
Ion Ratio Lower Upper
45 100
43 63.6 50.6 75.8
87 25.8 20.7 31.1
59 11.7 9.0 13.6

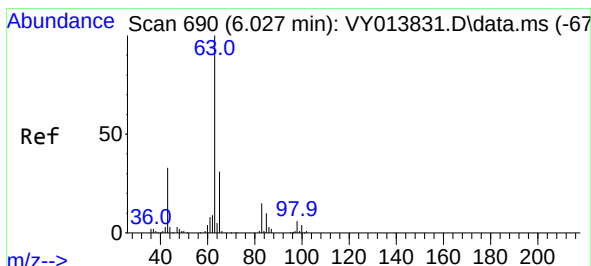
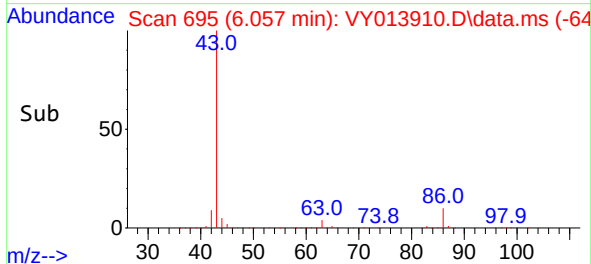
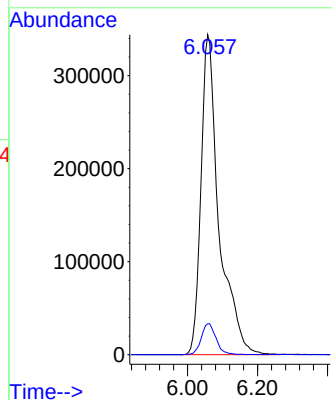
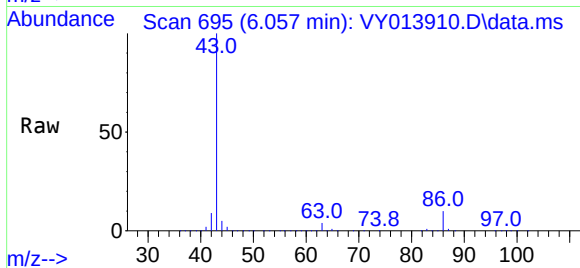




#23
 Vinyl Acetate
 Concen: 225.689 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY013910.D
 Acq: 30 May 2023 11:03

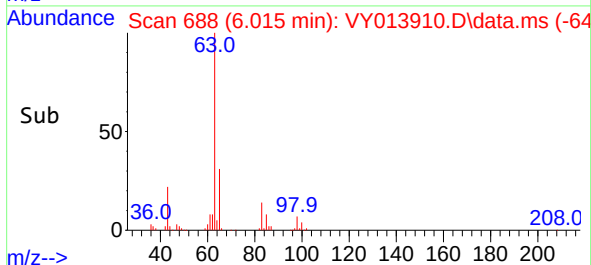
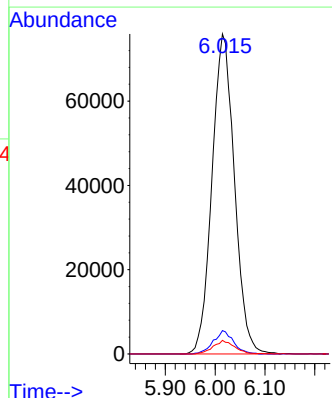
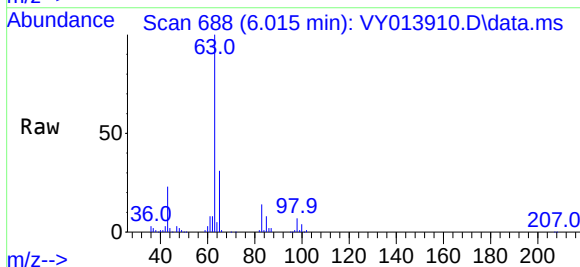
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

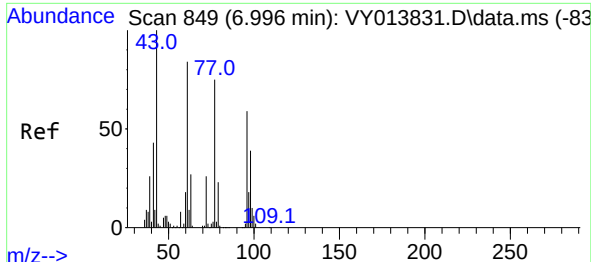
Tgt Ion: 43 Resp: 1227442
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 43.517 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY013910.D
 Acq: 30 May 2023 11:03

Tgt Ion: 63 Resp: 237222
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.2 9.6
 100 4.2 2.1 6.2

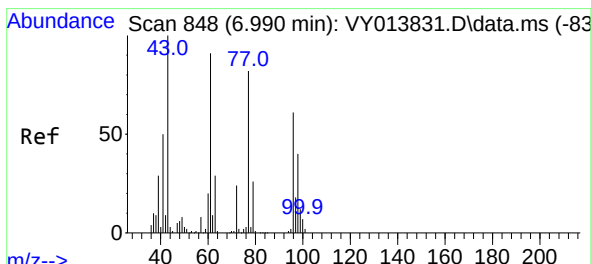
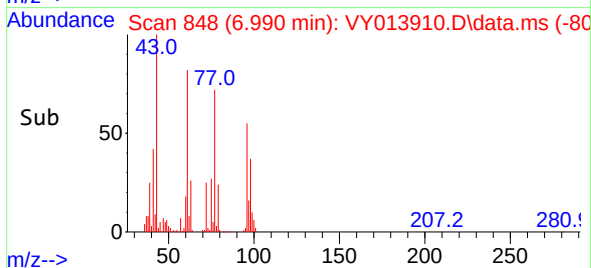
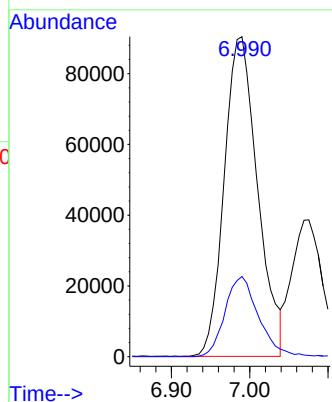
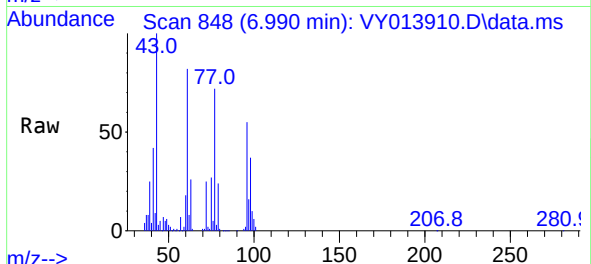




#25
2-Butanone
Concen: 235.825 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

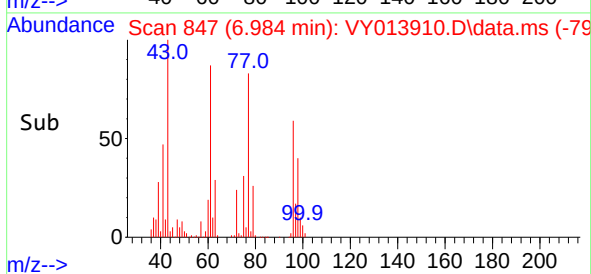
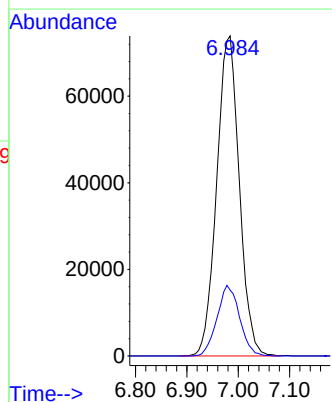
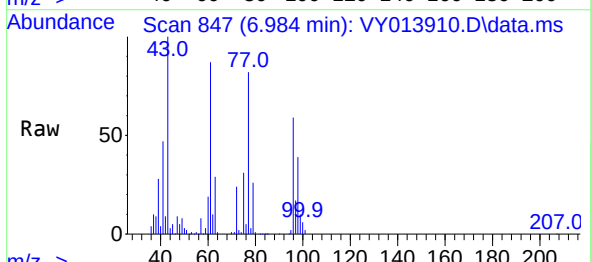
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ClientSampleId :
VSTDCCC050

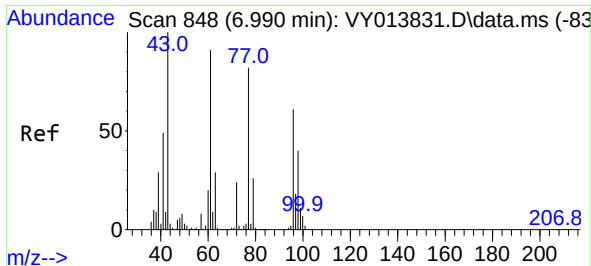
Tgt Ion: 43 Resp: 267591
Ion Ratio Lower Upper
43 100
72 25.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 45.924 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 77 Resp: 225502
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6

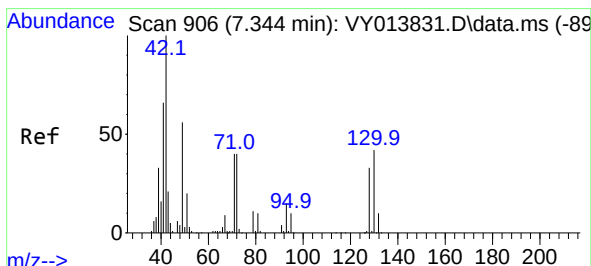
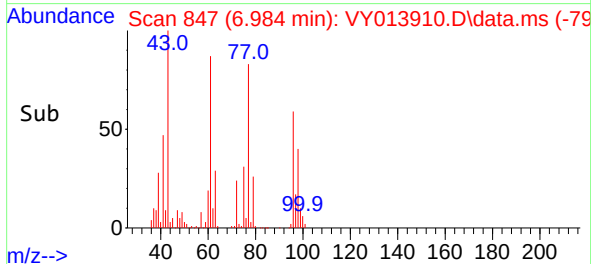
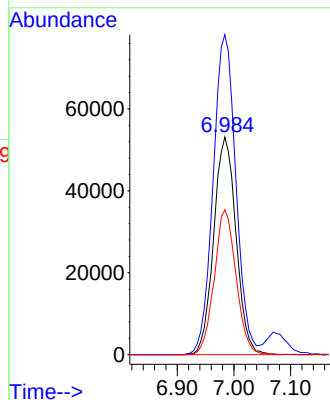
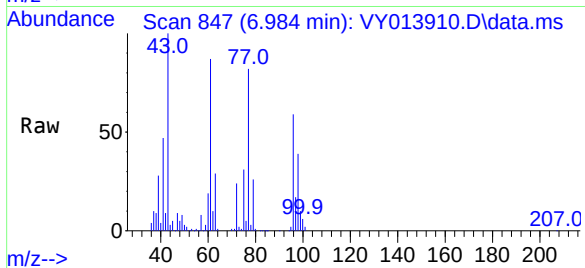




#27
cis-1,2-Dichloroethene
Concen: 44.991 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

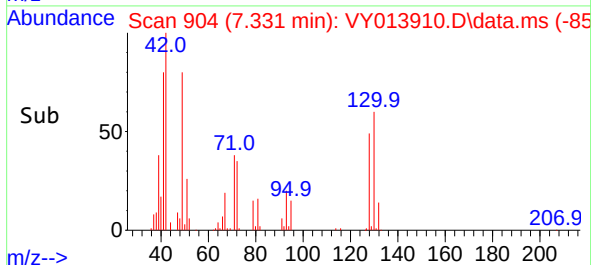
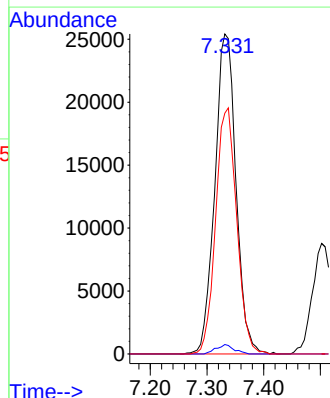
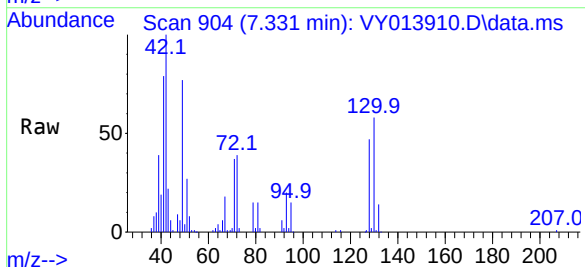
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

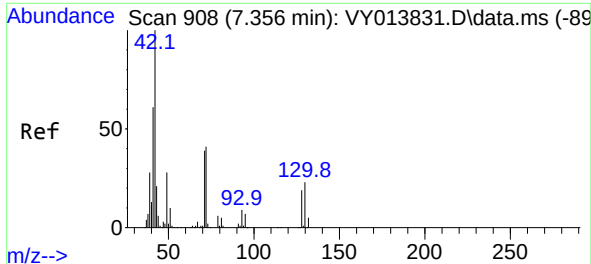
Tgt Ion: 96 Resp: 145542
Ion Ratio Lower Upper
96 100
61 150.1 0.0 296.4
98 65.0 0.0 129.4



#28
Bromochloromethane
Concen: 41.157 ug/l
RT: 7.331 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 49 Resp: 65853
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.4
130 76.5 60.2 90.2

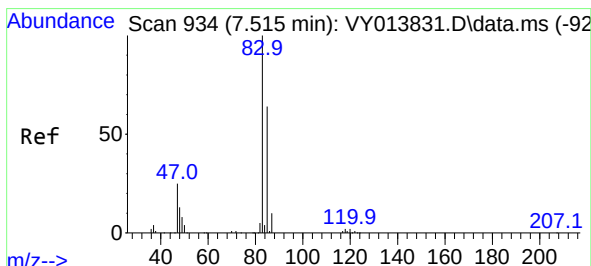
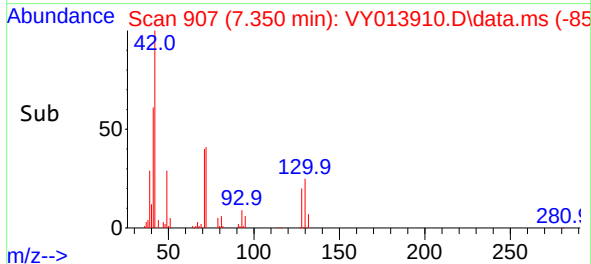
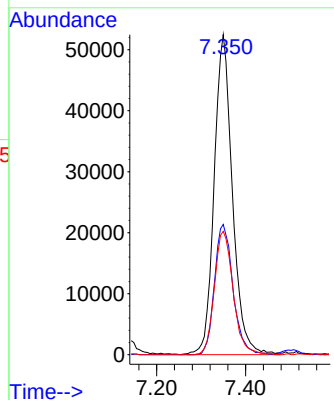
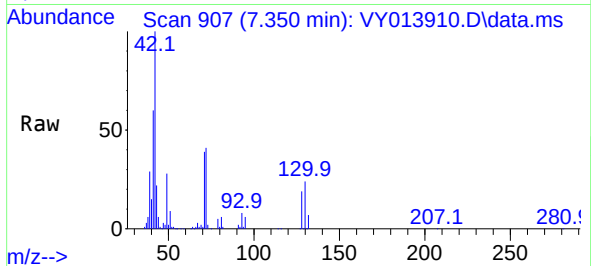




#29
Tetrahydrofuran
Concen: 220.623 ug/l
RT: 7.350 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

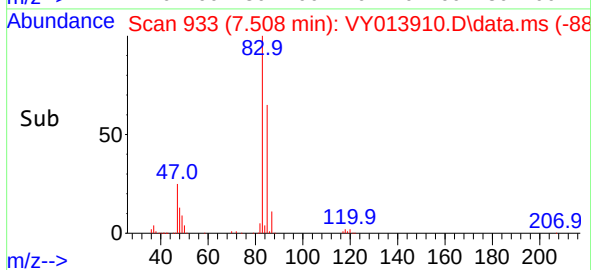
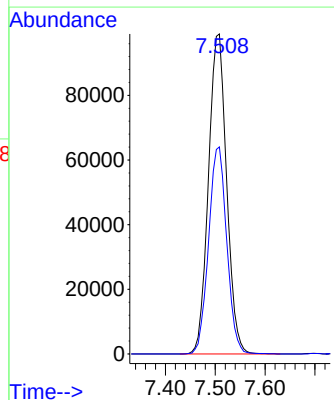
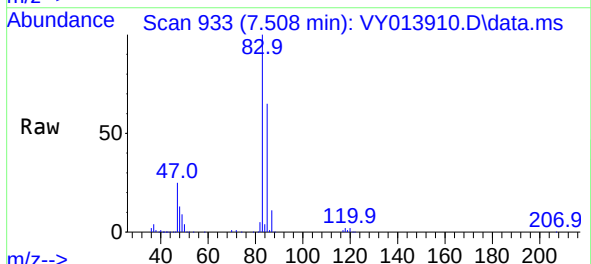
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

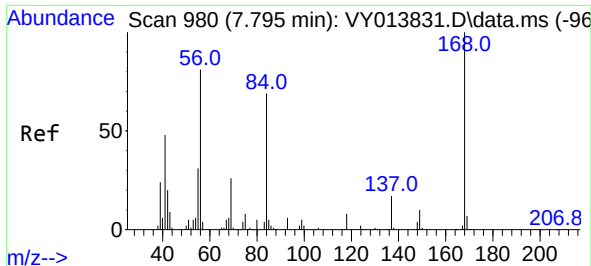
Tgt Ion: 42 Resp: 149465
Ion Ratio Lower Upper
42 100
72 41.3 31.7 47.5
71 39.5 30.6 45.8



#30
Chloroform
Concen: 45.369 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

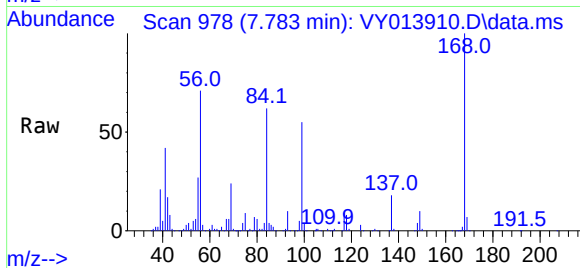
Tgt Ion: 83 Resp: 250743
Ion Ratio Lower Upper
83 100
85 64.7 51.0 76.6



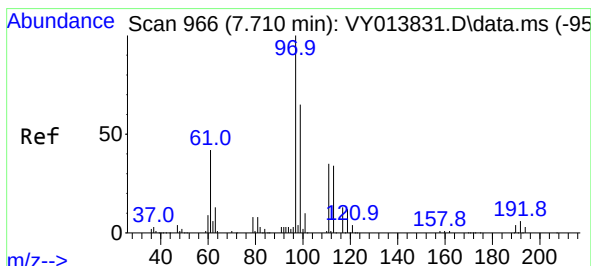
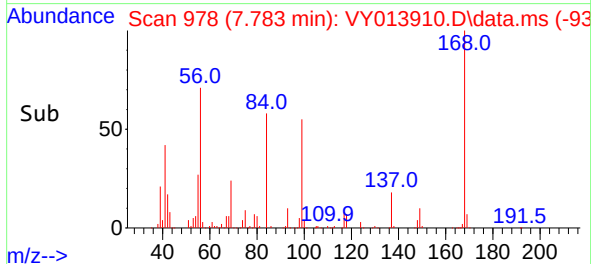
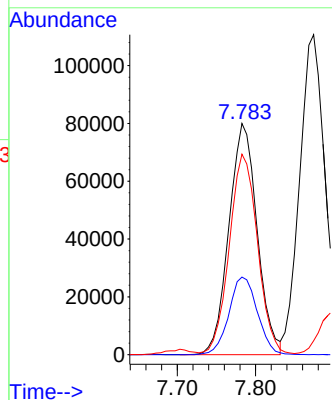


#31
Cyclohexane
Concen: 41.622 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

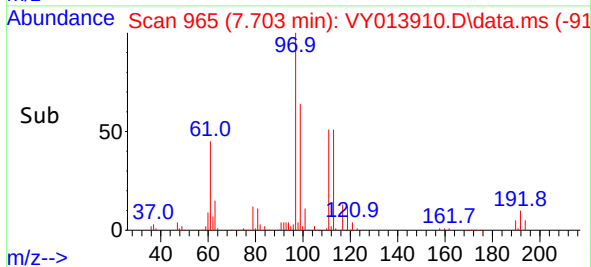
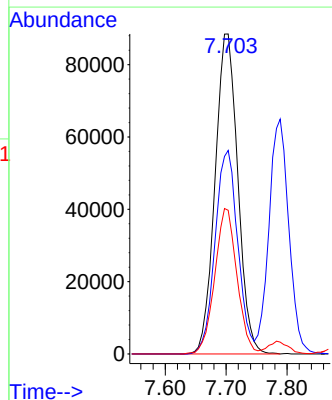
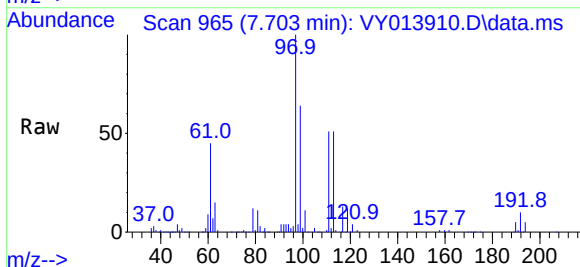


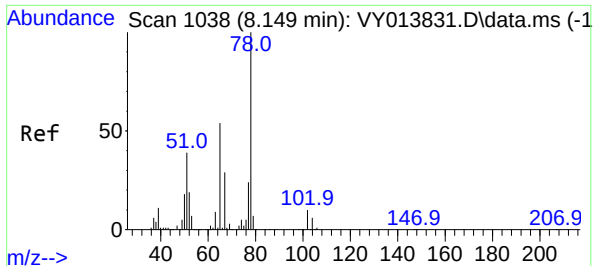
Tgt Ion: 56 Resp: 200358
Ion Ratio Lower Upper
56 100
69 33.6 25.8 38.8
84 84.5 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 45.572 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 97 Resp: 229771
Ion Ratio Lower Upper
97 100
99 63.5 50.5 75.7
61 44.4 35.0 52.4

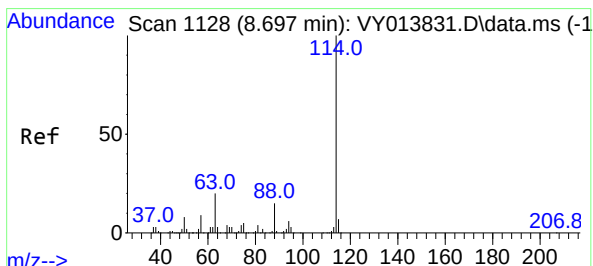
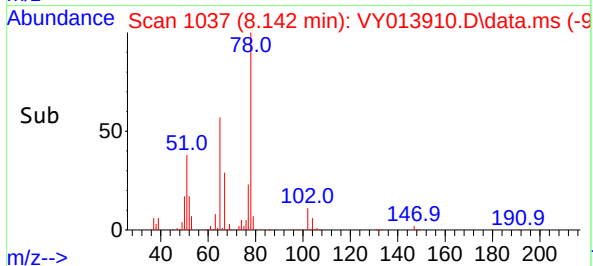
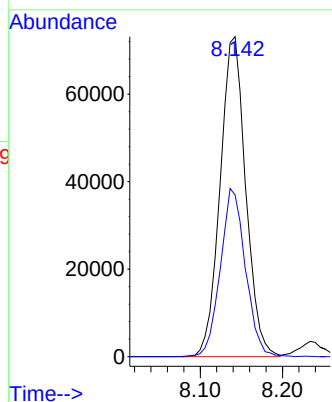
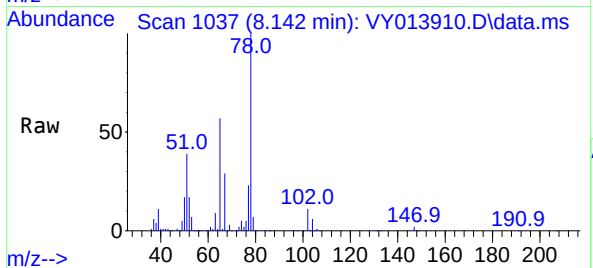




#33
1,2-Dichloroethane-d4
Concen: 50.490 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

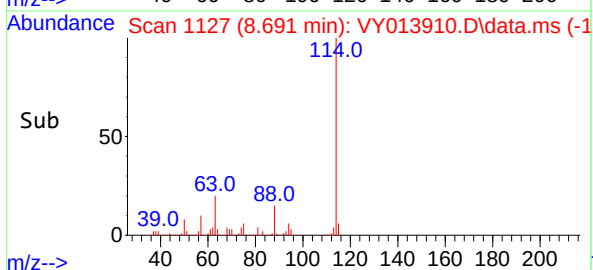
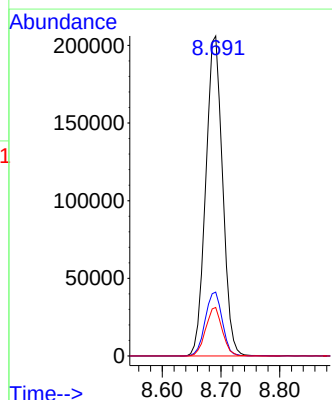
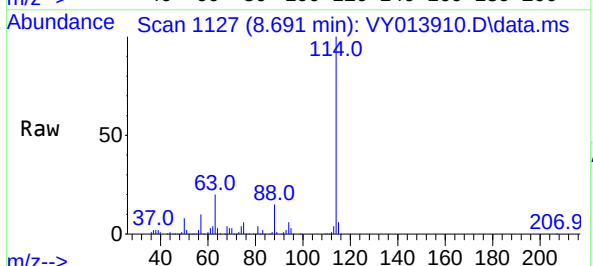
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

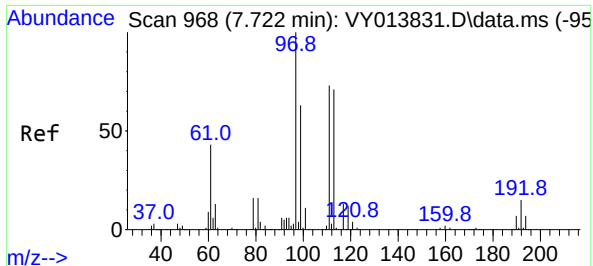
Tgt Ion: 65 Resp: 158192
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 114 Resp: 410065
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.2
88 15.1 0.0 30.0

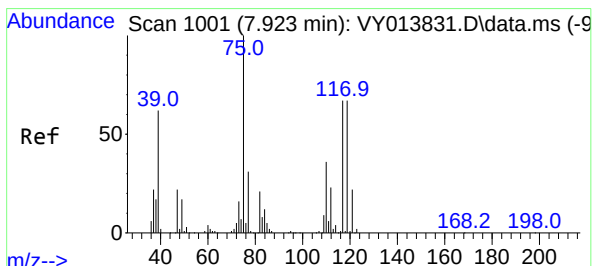
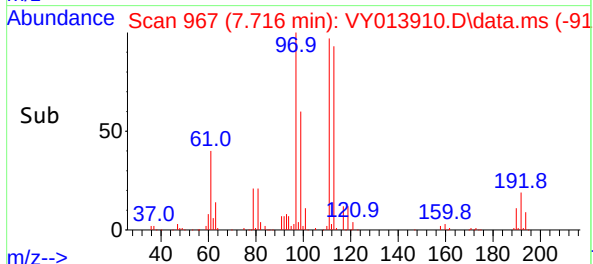
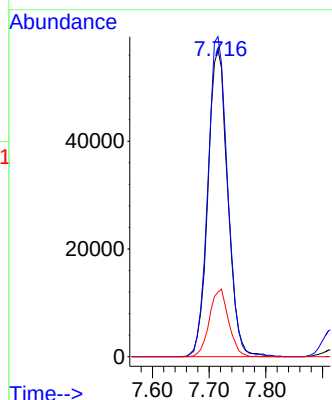
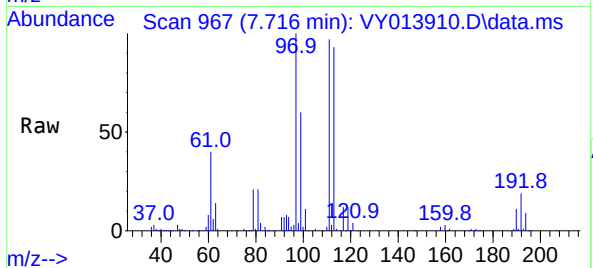




#35
Dibromofluoromethane
Concen: 52.138 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

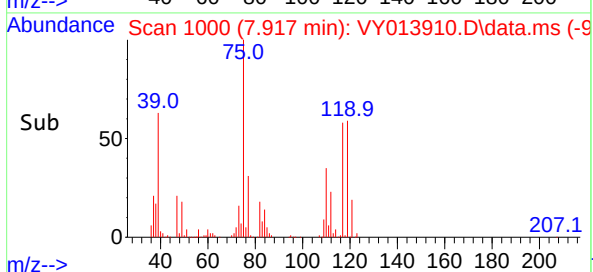
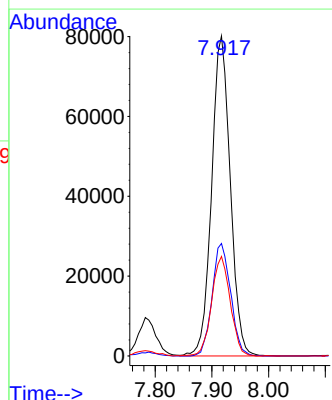
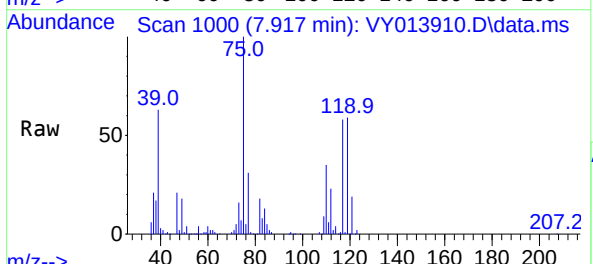
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

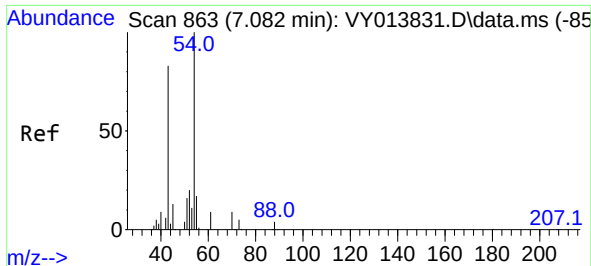
Tgt Ion:113 Resp: 138074
Ion Ratio Lower Upper
113 100
111 104.0 80.4 120.6
192 21.3 16.6 25.0



#36
1,1-Dichloropropene
Concen: 45.401 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 75 Resp: 183128
Ion Ratio Lower Upper
75 100
110 34.9 17.5 52.6
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 44.790 ug/l

RT: 7.075 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY013910.D

Acq: 30 May 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

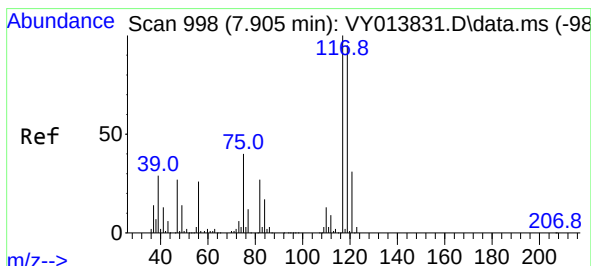
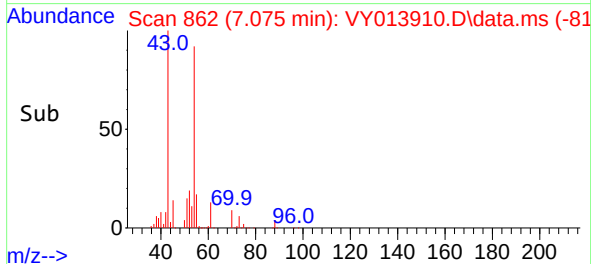
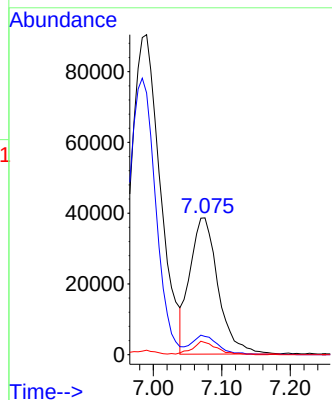
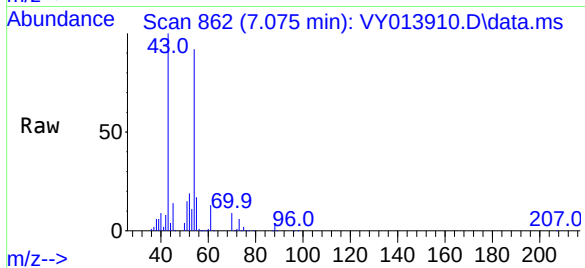
Tgt Ion: 43 Resp: 110203

Ion Ratio Lower Upper

43 100

61 12.7 10.5 15.7

70 8.6 6.9 10.3



#38

Carbon Tetrachloride

Concen: 45.895 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY013910.D

Acq: 30 May 2023 11:03

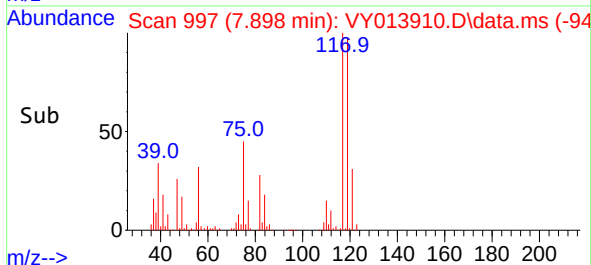
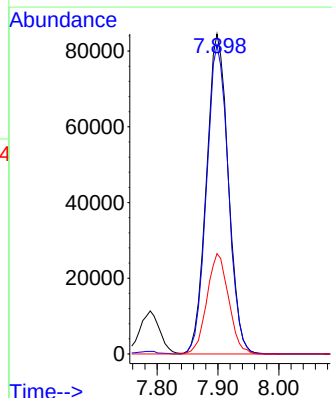
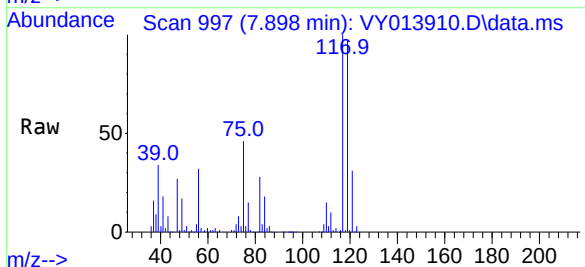
Tgt Ion: 117 Resp: 210526

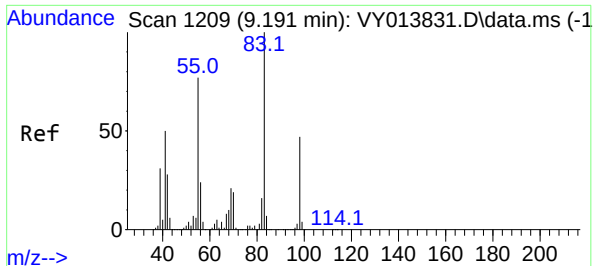
Ion Ratio Lower Upper

117 100

119 96.6 75.6 113.4

121 31.3 24.8 37.2

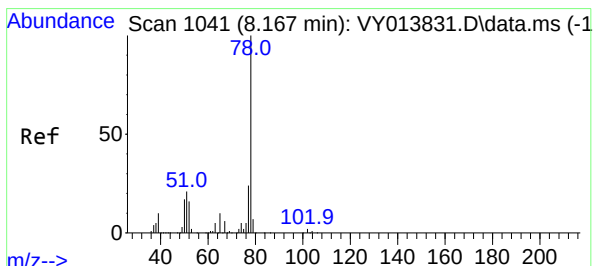
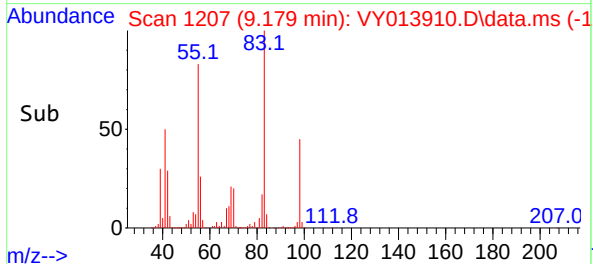
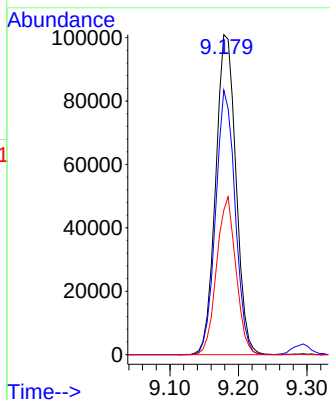
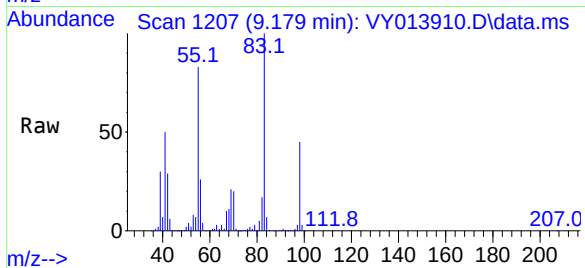




#39
Methylcyclohexane
Concen: 43.854 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

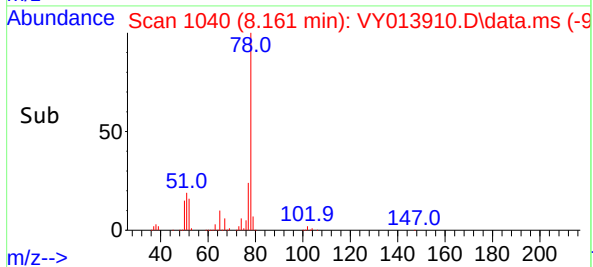
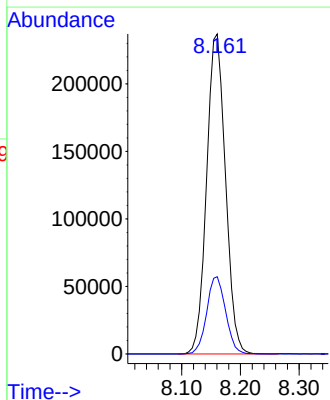
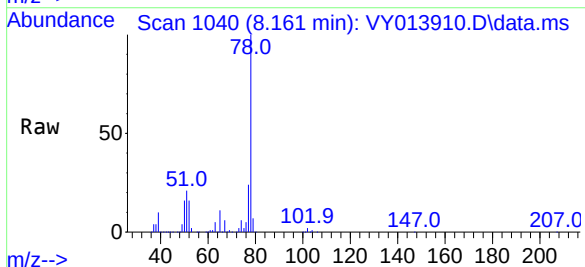
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

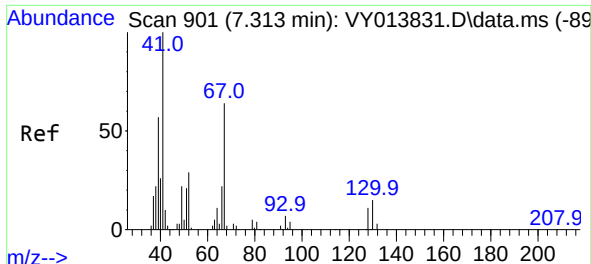
Tgt Ion: 83 Resp: 207156
Ion Ratio Lower Upper
83 100
55 82.6 61.6 92.4
98 45.2 38.0 57.0



#40
Benzene
Concen: 45.556 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 78 Resp: 527780
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3

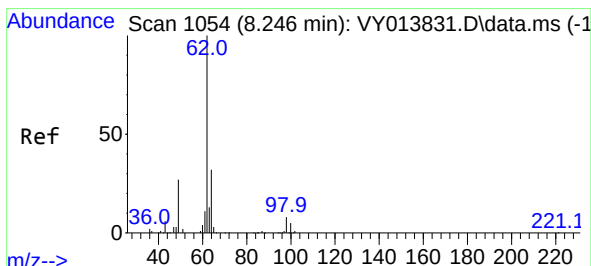
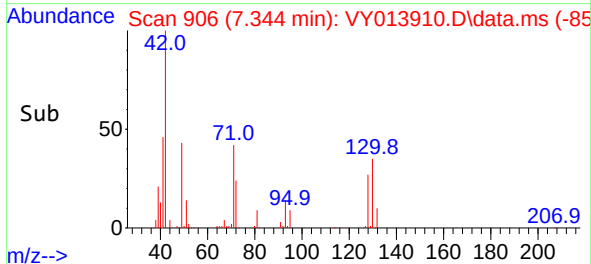
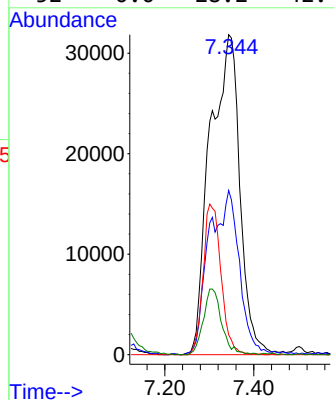
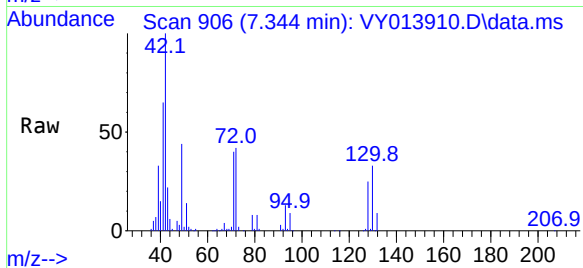




#41
Methacrylonitrile
Concen: 110.235 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

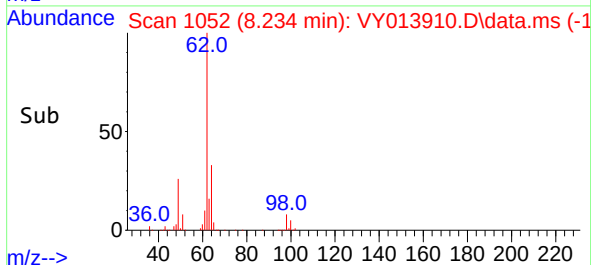
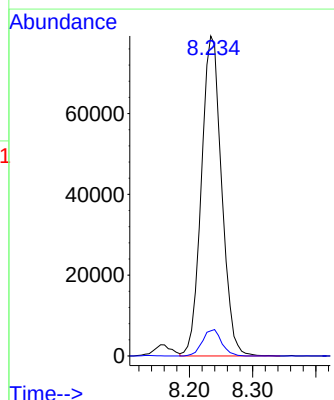
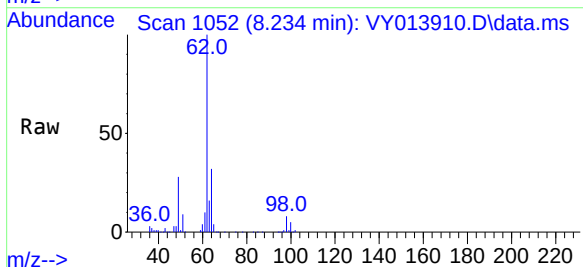
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

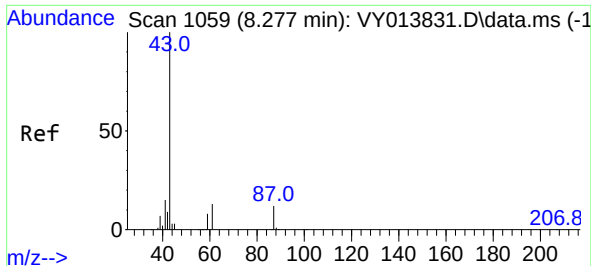
Tgt Ion: 41 Resp: 147986
Ion Ratio Lower Upper
41 100
39 24.4 44.1 66.1#
67 0.0 63.7 95.5#
52 0.0 28.2 42.4#



#42
1,2-Dichloroethane
Concen: 46.527 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 62 Resp: 176485
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.8

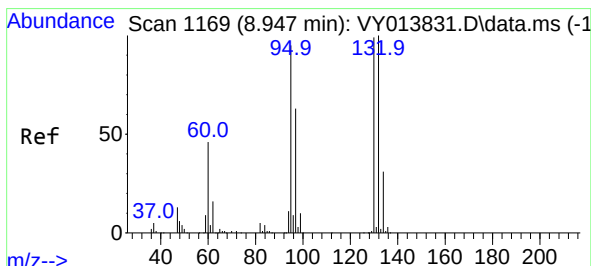
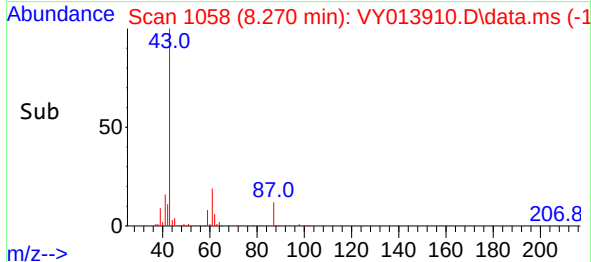
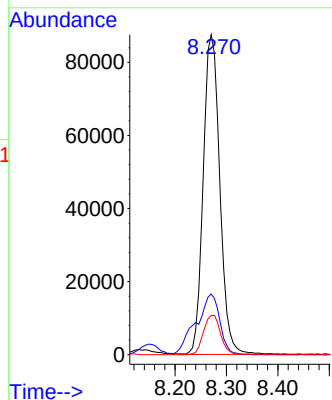
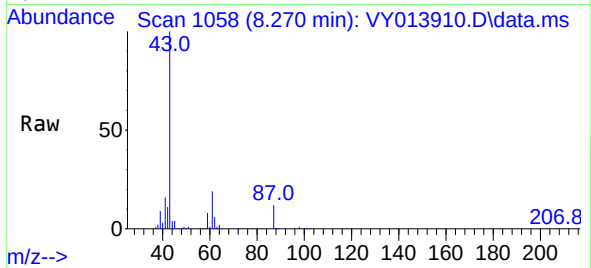




#43
Isopropyl Acetate
Concen: 43.656 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

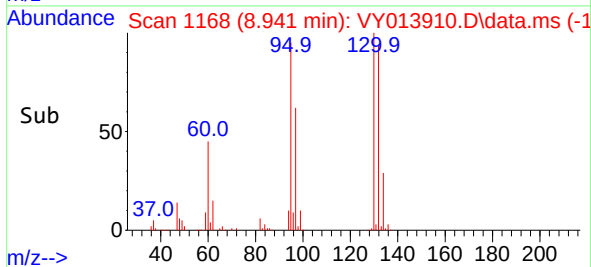
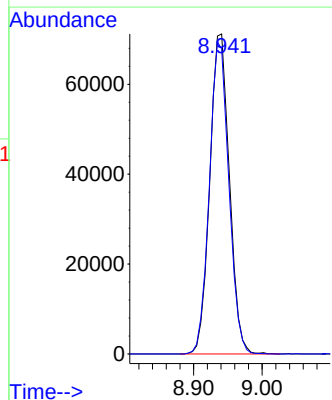
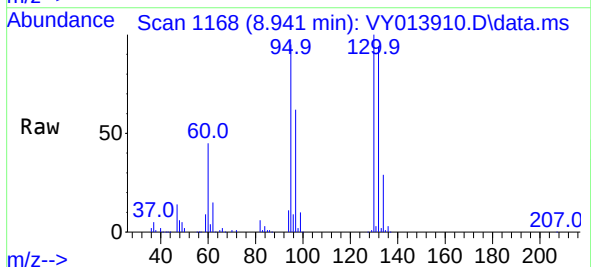
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

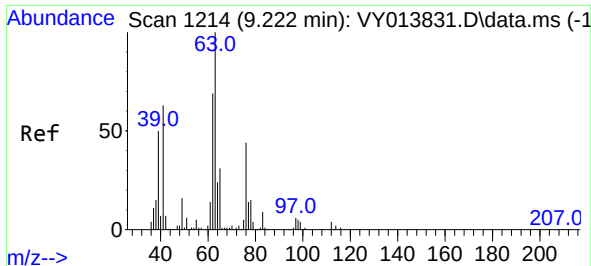
Tgt Ion: 43 Resp: 195735
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 12.7 9.8 14.6



#44
Trichloroethene
Concen: 45.218 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion:130 Resp: 141137
Ion Ratio Lower Upper
130 100
95 95.3 0.0 192.8





#45

1,2-Dichloropropane

Concen: 45.240 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013910.D

Acq: 30 May 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :

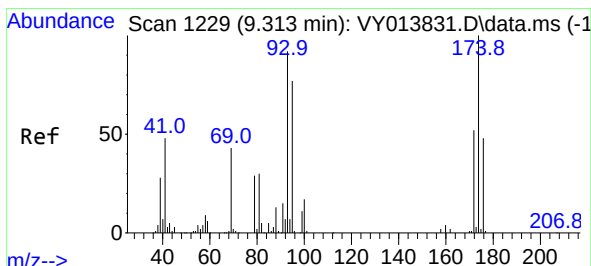
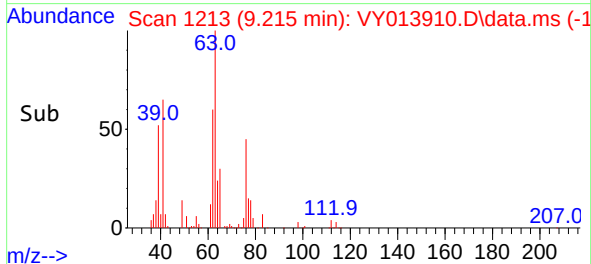
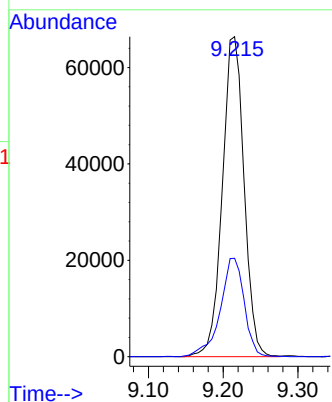
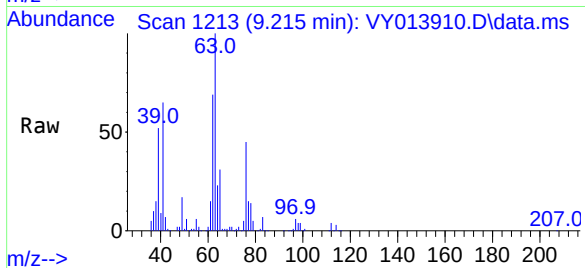
VSTDCCC050

Tgt Ion: 63 Resp: 134267

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1



#46

Dibromomethane

Concen: 45.875 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

Lab File: VY013910.D

Acq: 30 May 2023 11:03

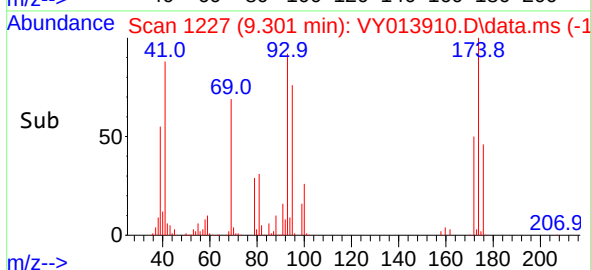
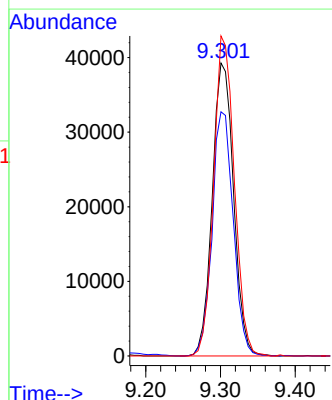
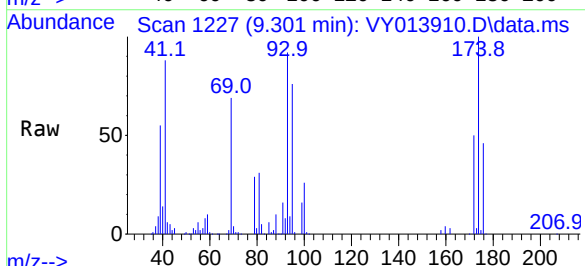
Tgt Ion: 93 Resp: 77974

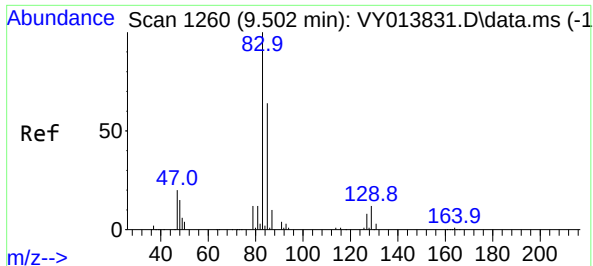
Ion Ratio Lower Upper

93 100

95 82.5 66.4 99.6

174 106.2 83.9 125.9





#47

Bromodichloromethane

Concen: 45.833 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY013910.D

Acq: 30 May 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

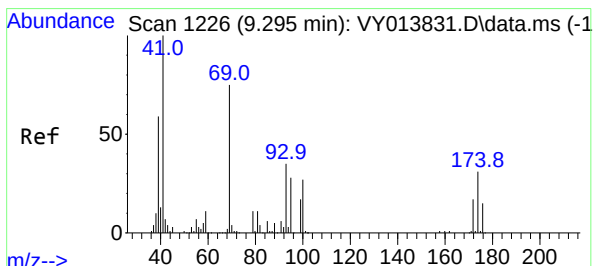
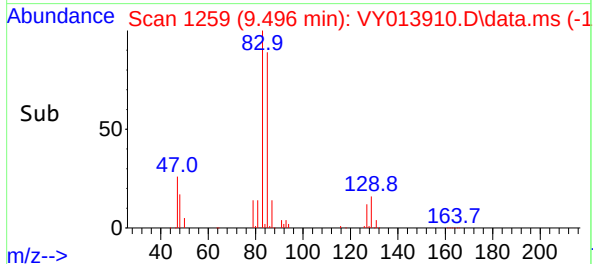
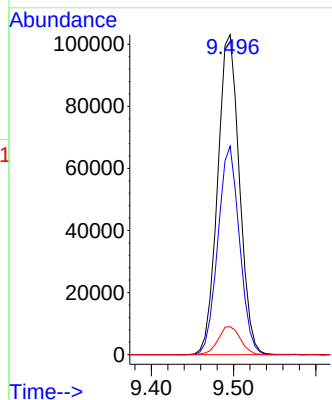
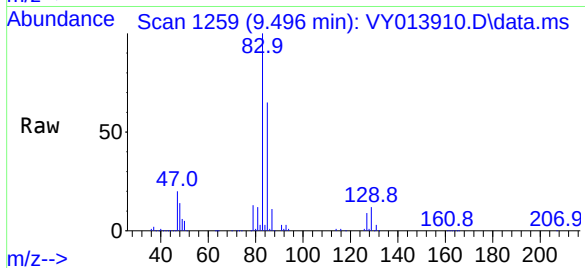
Tgt Ion: 83 Resp: 189851

Ion Ratio Lower Upper

83 100

85 65.1 51.5 77.3

127 8.7 6.6 10.0



#48

Methyl methacrylate

Concen: 43.062 ug/l

RT: 9.288 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY013910.D

Acq: 30 May 2023 11:03

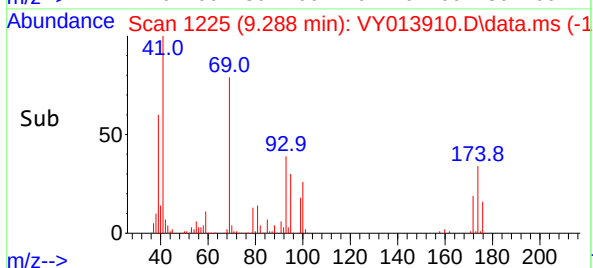
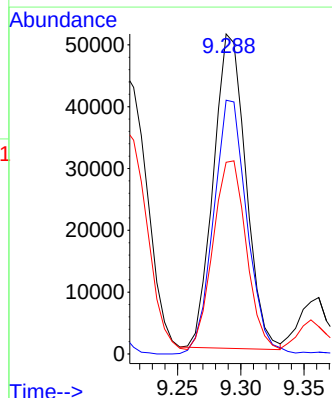
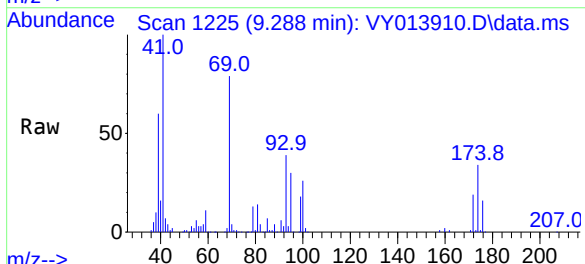
Tgt Ion: 41 Resp: 90663

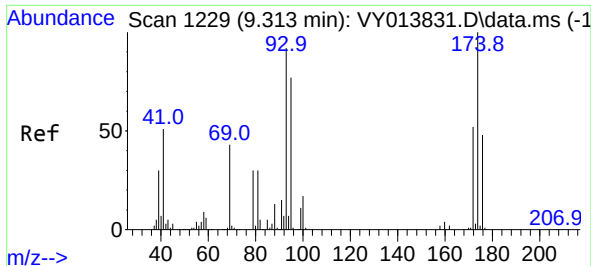
Ion Ratio Lower Upper

41 100

69 83.3 62.0 93.0

39 61.9 45.7 68.5

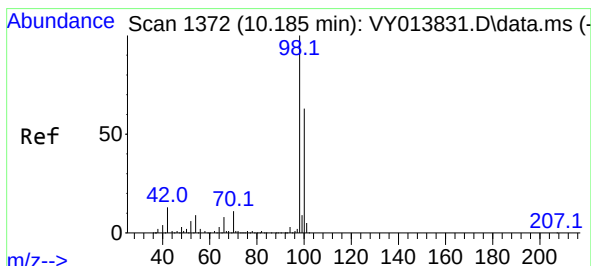
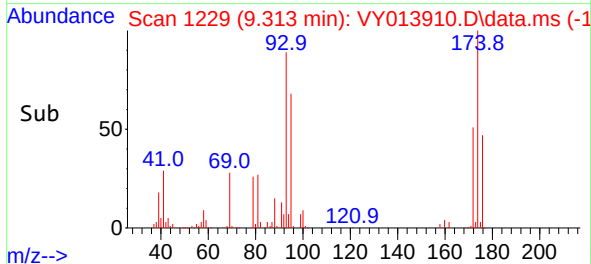
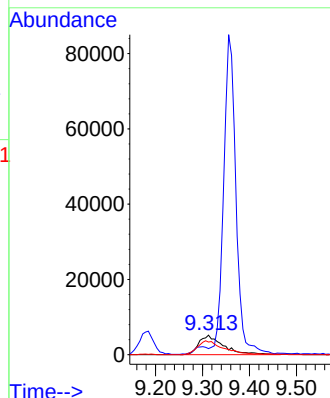
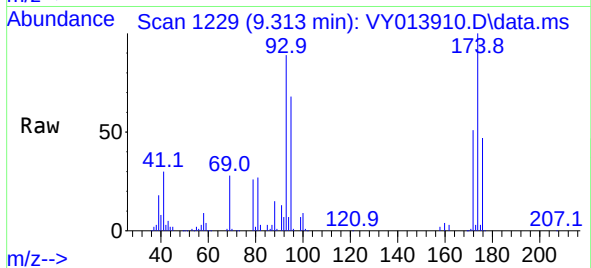




#49
1,4-Dioxane
Concen: 940.885 ug/l
RT: 9.313 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

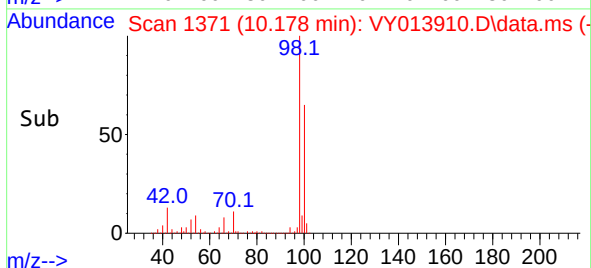
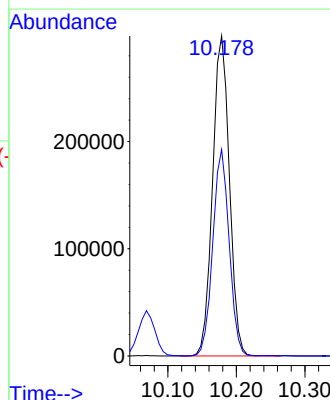
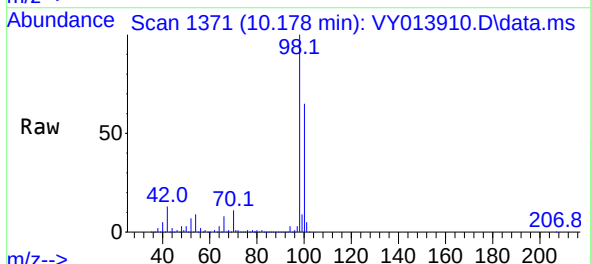
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

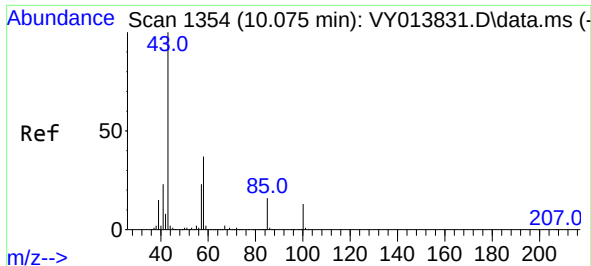
Tgt Ion: 88 Resp: 18795
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 75.8 59.0 88.6



#50
Toluene-d8
Concen: 50.433 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 98 Resp: 507607
Ion Ratio Lower Upper
98 100
100 62.8 50.8 76.2

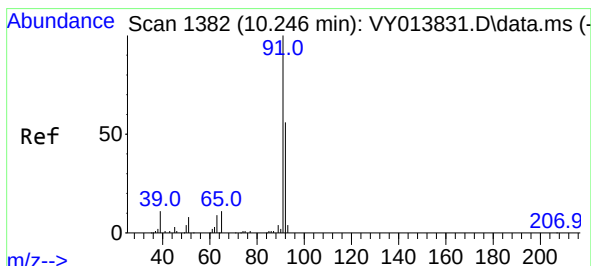
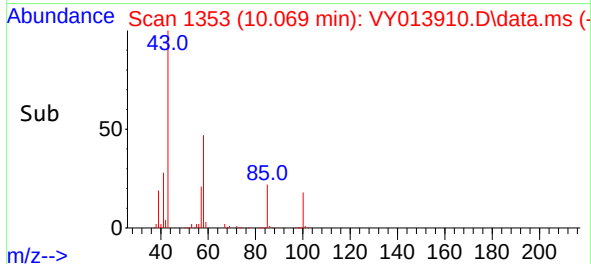
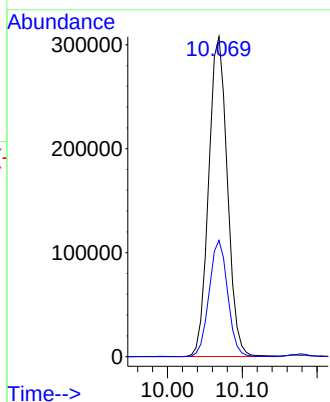
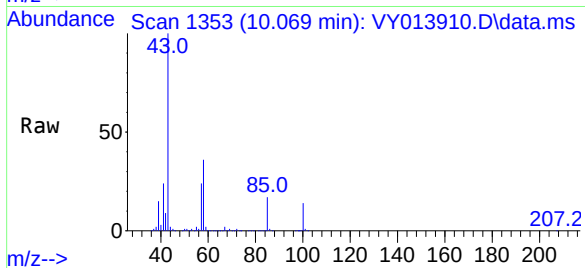




#51
4-Methyl-2-Pentanone
Concen: 223.866 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

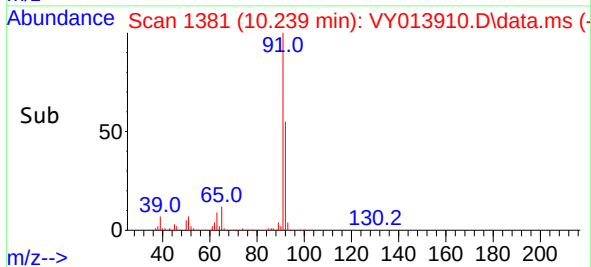
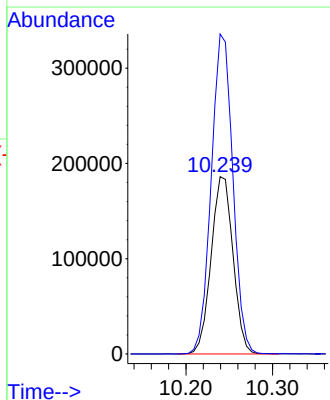
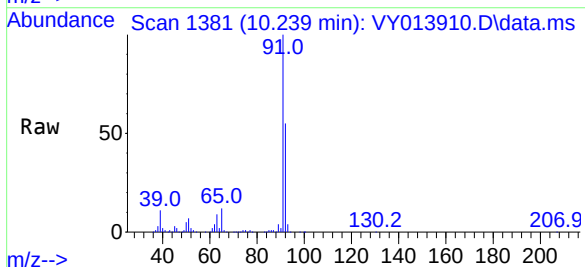
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

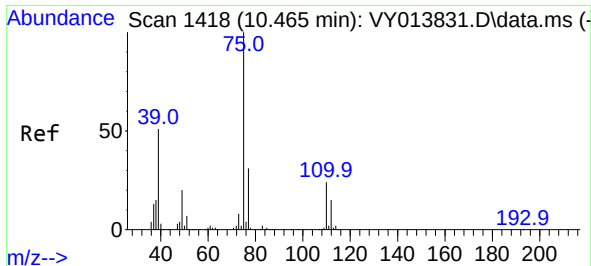
Tgt Ion: 43 Resp: 534902
Ion Ratio Lower Upper
43 100
58 36.1 29.1 43.7



#52
Toluene
Concen: 46.248 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 92 Resp: 326683
Ion Ratio Lower Upper
92 100
91 178.4 142.2 213.4

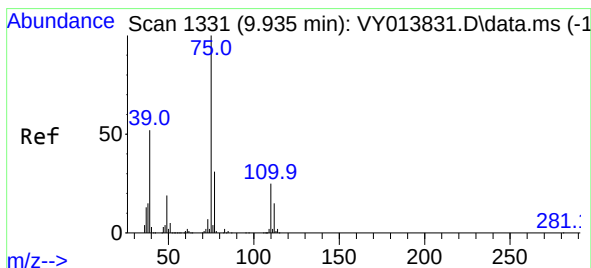
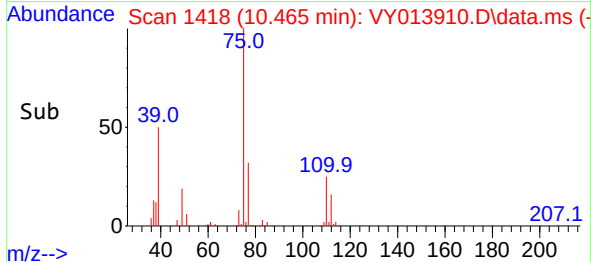
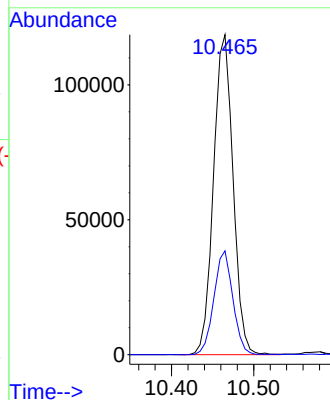
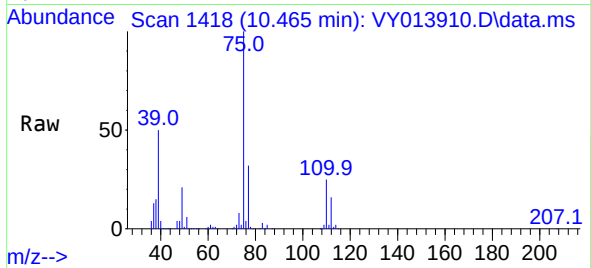




#53
t-1,3-Dichloropropene
Concen: 46.444 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

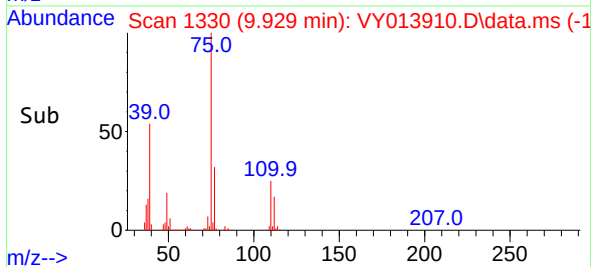
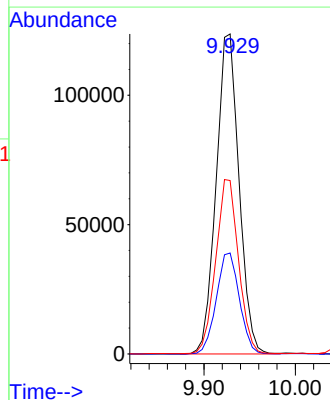
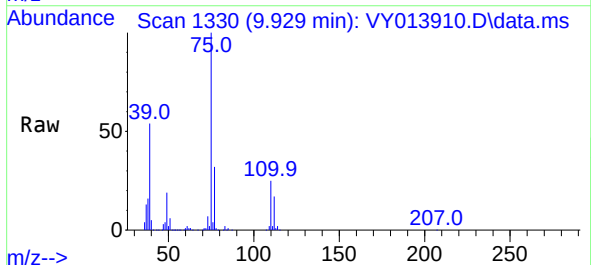
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

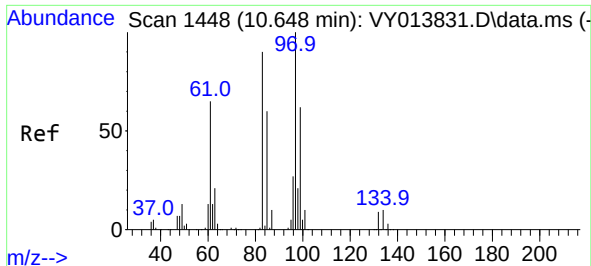
Tgt Ion: 75 Resp: 195828
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 45.521 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 75 Resp: 215022
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 54.1 41.8 62.8



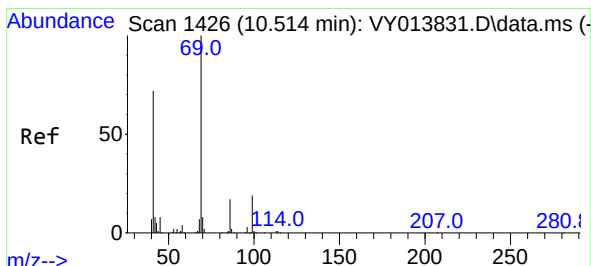
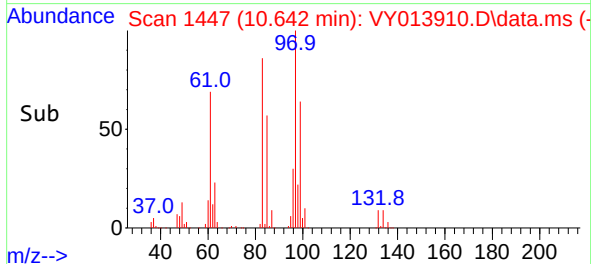
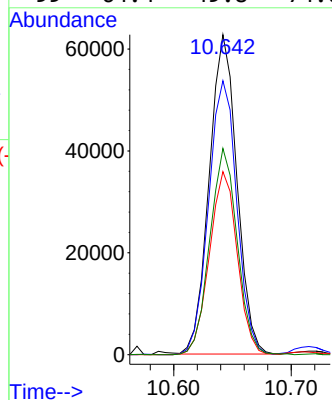
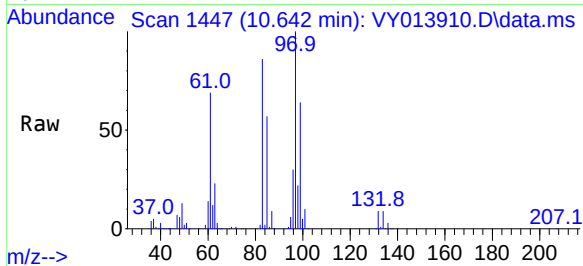


#55
1,1,2-Trichloroethane
Concen: 44.904 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 102681

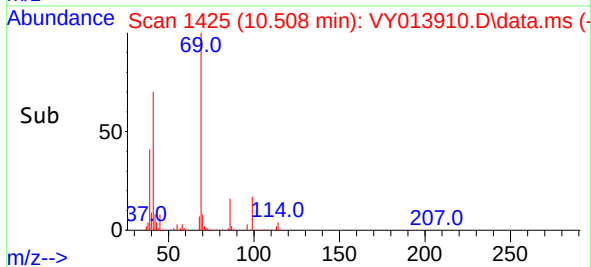
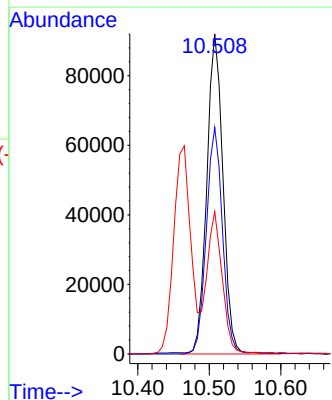
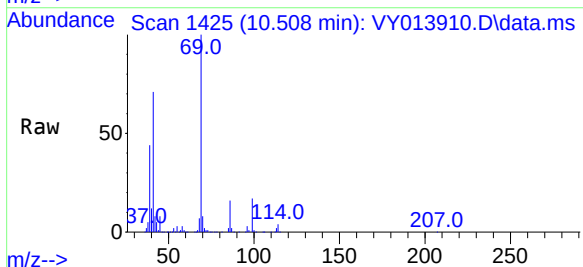
Ion	Ratio	Lower	Upper
97	100		
83	85.4	71.9	107.9
85	57.1	47.6	71.4
99	64.4	49.8	74.6

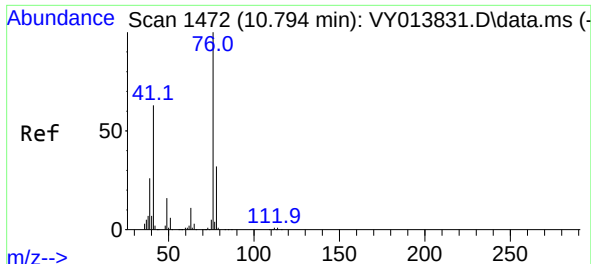


#56
Ethyl methacrylate
Concen: 47.404 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 69 Resp: 144697

Ion	Ratio	Lower	Upper
69	100		
41	71.2	57.8	86.6
39	43.1	33.9	50.9





#57

1,3-Dichloropropane

Concen: 45.886 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY013910.D

Acq: 30 May 2023 11:03

Instrument :

MSVOA_Y

ClientSampleId :

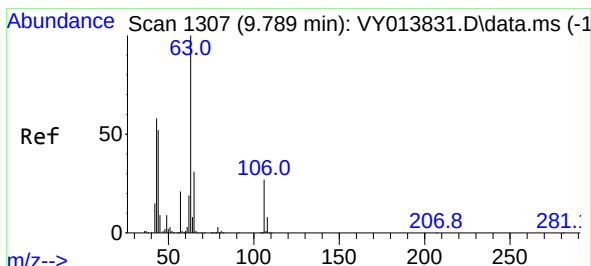
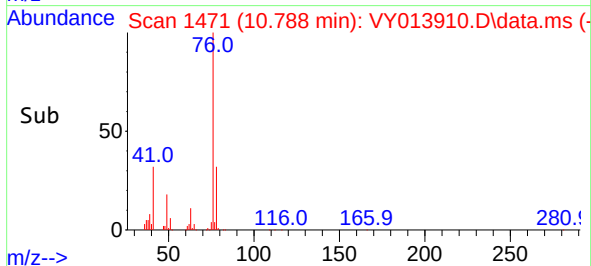
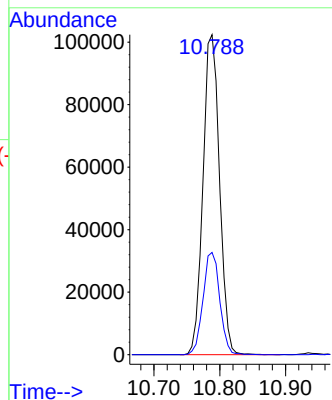
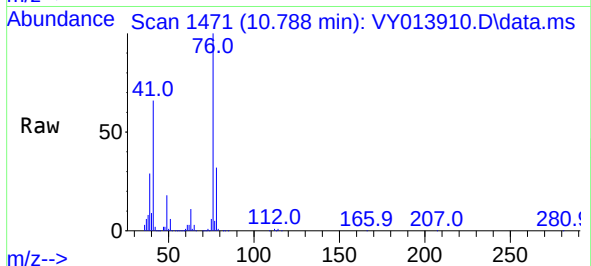
VSTDCCC050

Tgt Ion: 76 Resp: 178701

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 191.829 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY013910.D

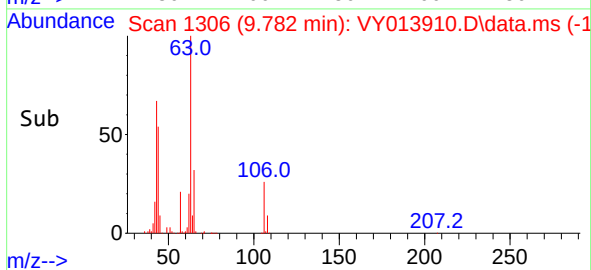
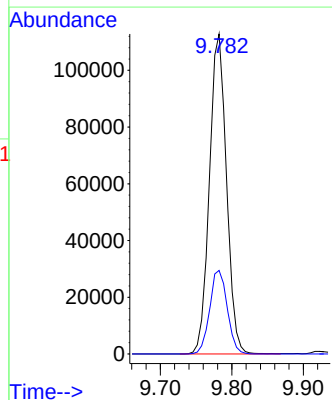
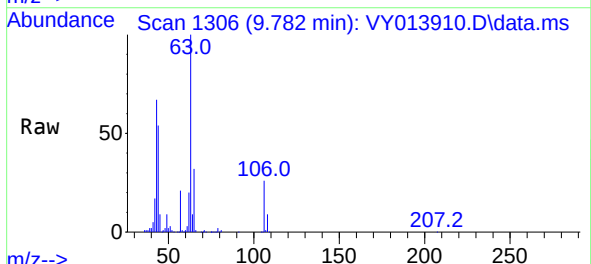
Acq: 30 May 2023 11:03

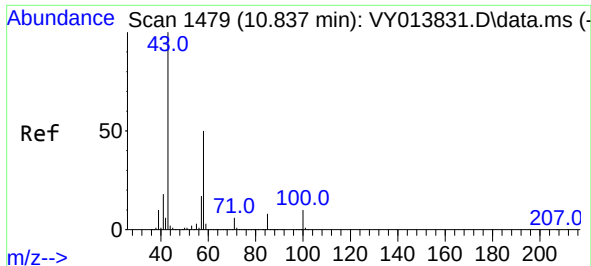
Tgt Ion: 63 Resp: 186836

Ion Ratio Lower Upper

63 100

106 26.8 21.3 31.9

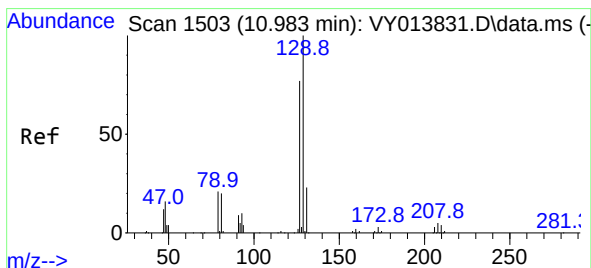
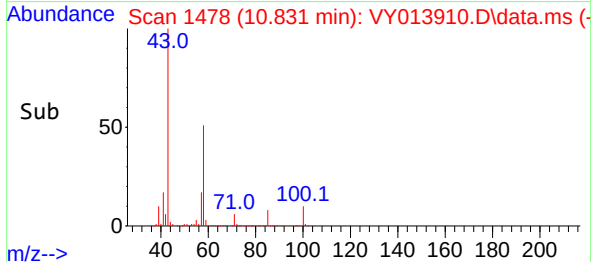
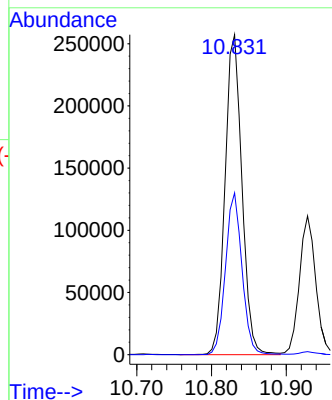
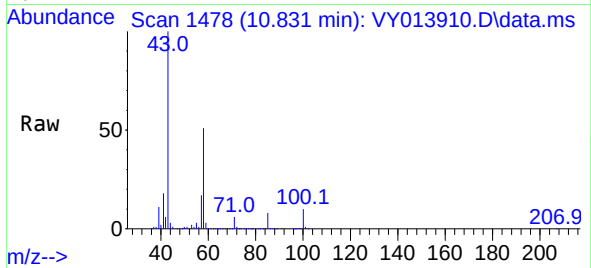




#59
2-Hexanone
Concen: 237.858 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

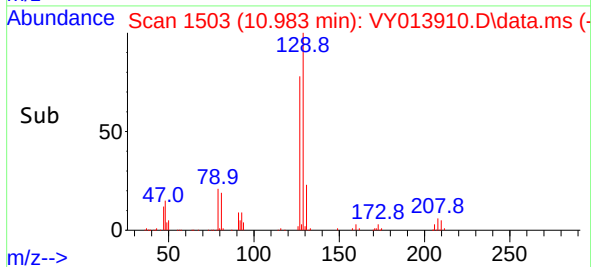
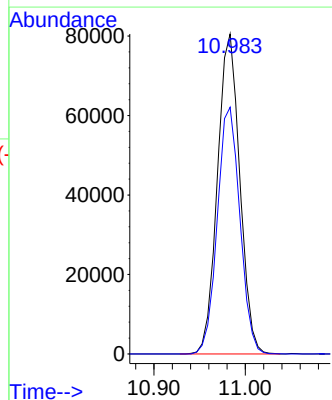
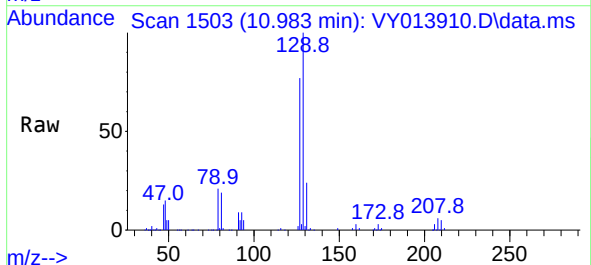
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

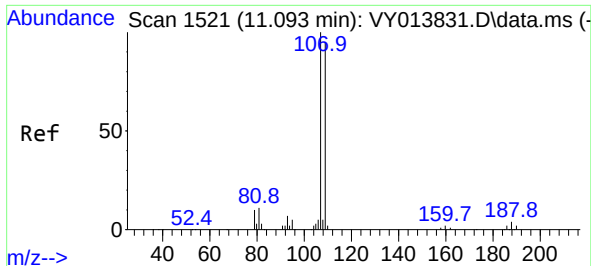
Tgt Ion: 43 Resp: 404265
Ion Ratio Lower Upper
43 100
58 49.5 24.8 74.3



#60
Dibromochloromethane
Concen: 47.319 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 129 Resp: 136874
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

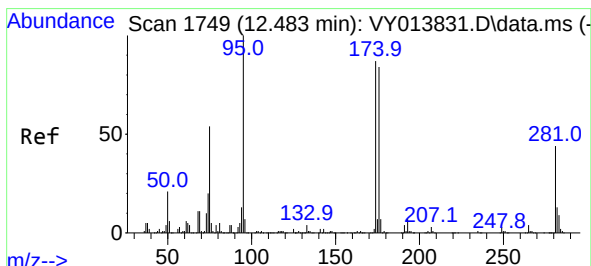
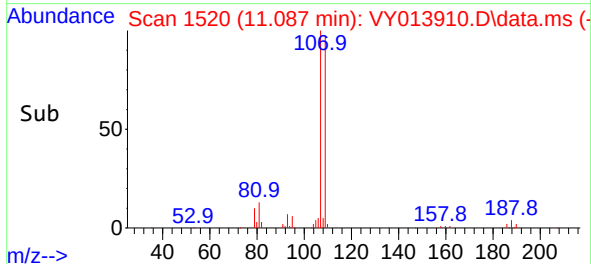
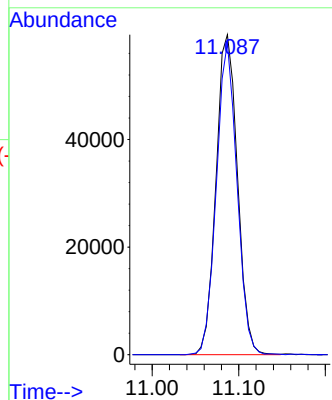
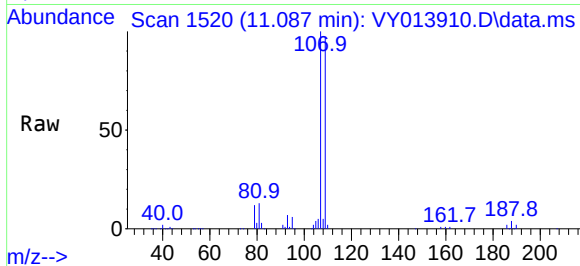




#61
1,2-Dibromoethane
Concen: 46.911 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

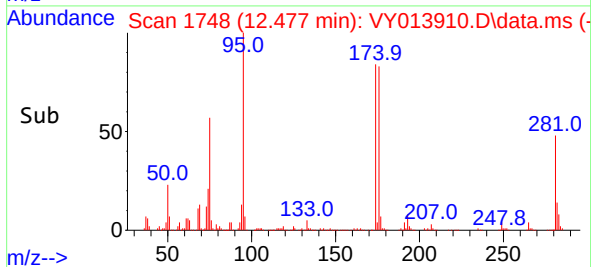
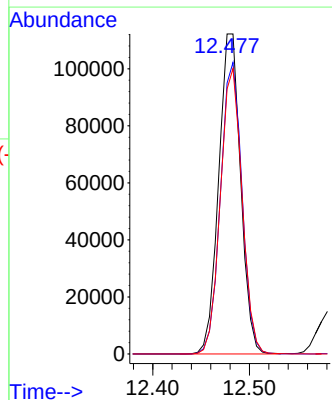
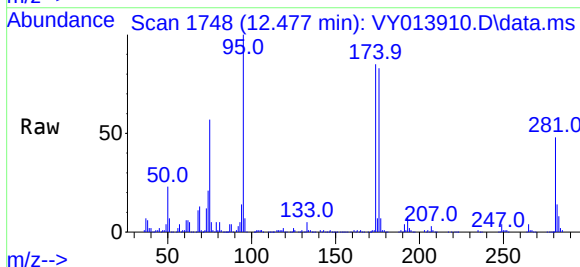
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

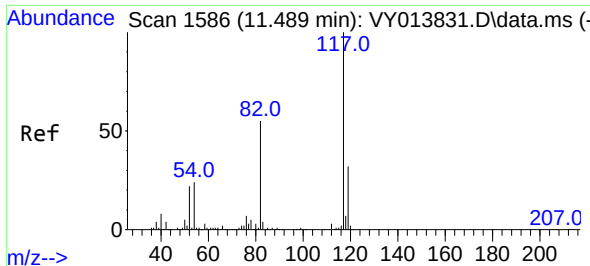
Tgt Ion:107 Resp: 102046
Ion Ratio Lower Upper
107 100
109 93.8 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 52.751 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 95 Resp: 176485
Ion Ratio Lower Upper
95 100
174 89.2 0.0 176.0
176 88.0 0.0 170.2

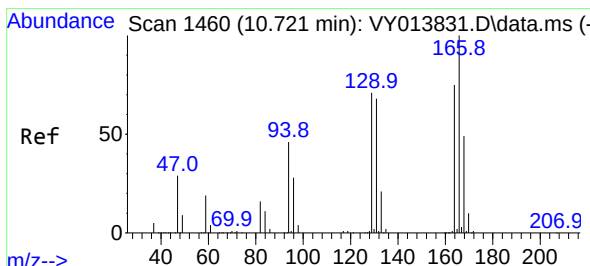
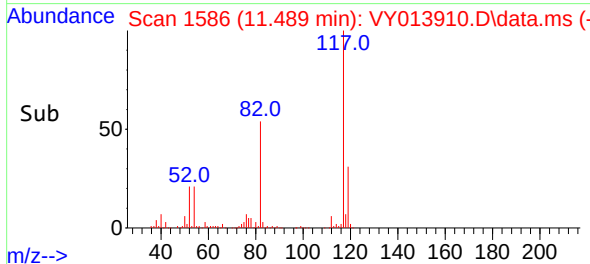
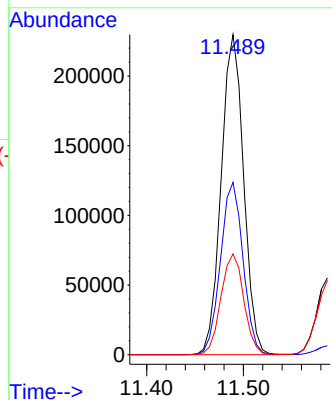
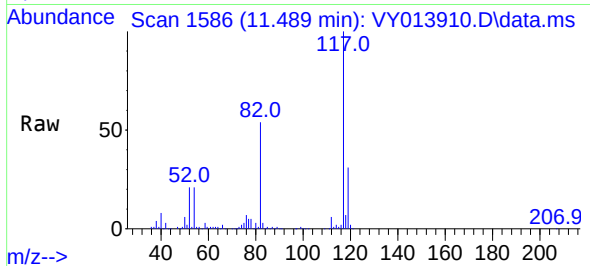




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

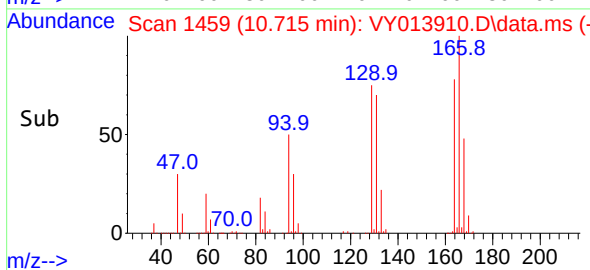
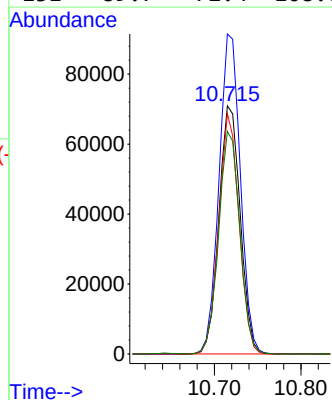
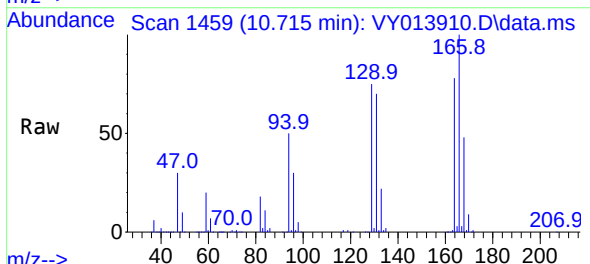
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

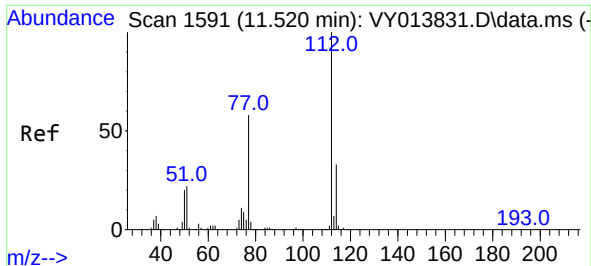
Tgt Ion:117 Resp: 368971
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.4
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 44.623 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion:164 Resp: 121822
Ion Ratio Lower Upper
164 100
166 129.0 106.2 159.2
129 96.9 75.4 113.0
131 89.7 72.4 108.6

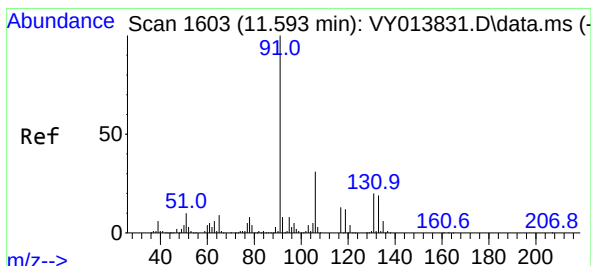
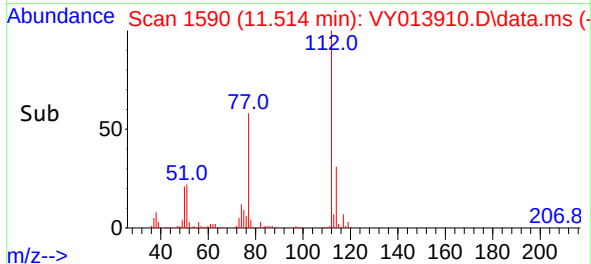
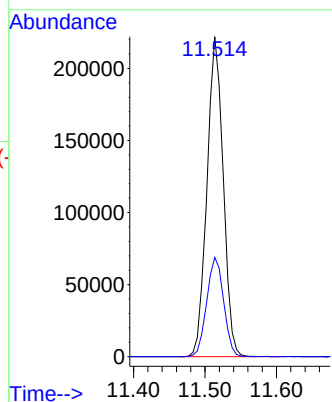
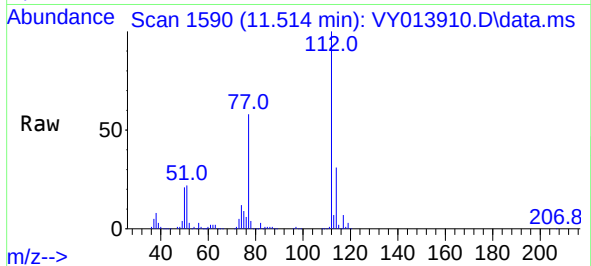




#65
Chlorobenzene
Concen: 45.320 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

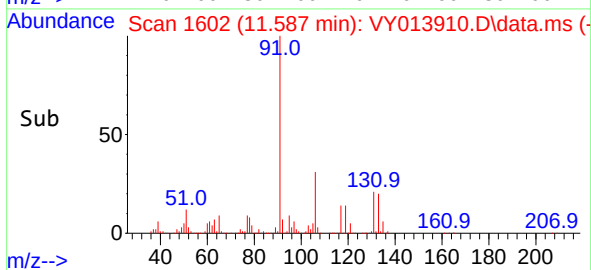
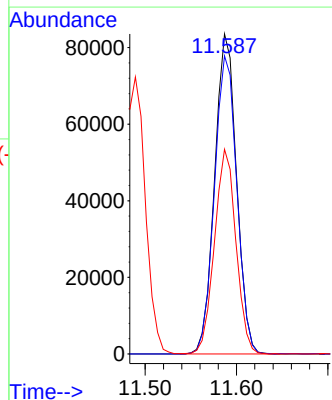
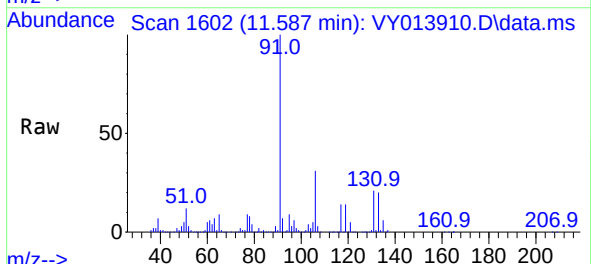
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

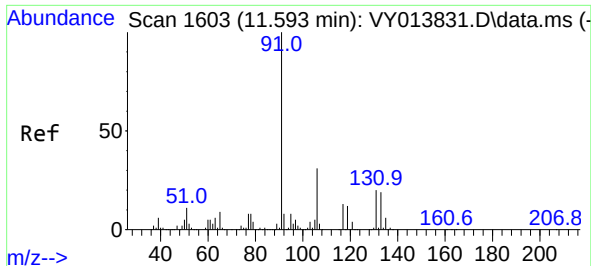
Tgt Ion:112 Resp: 350468
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 46.556 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion:131 Resp: 138955
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.7
119 62.9 32.1 96.5

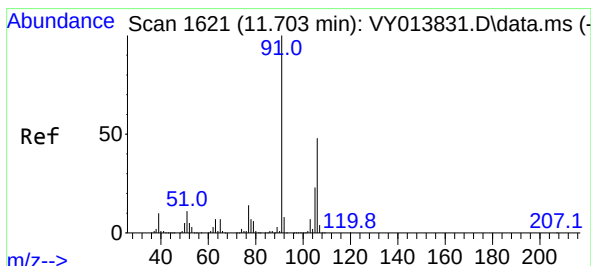
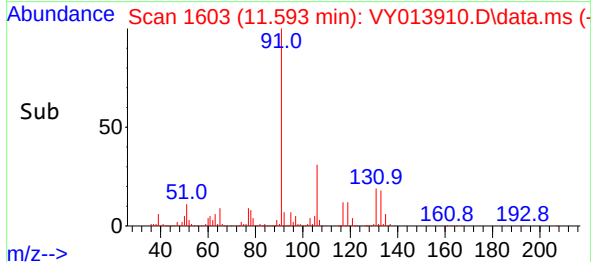
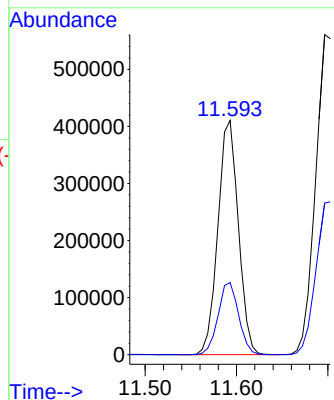
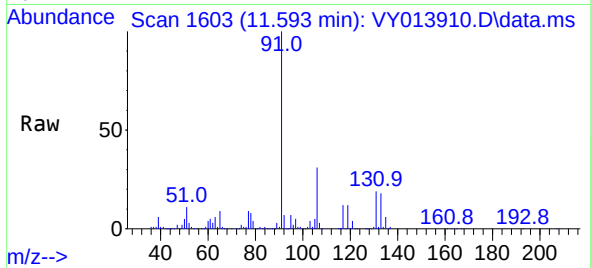




#67
Ethyl Benzene
Concen: 45.911 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

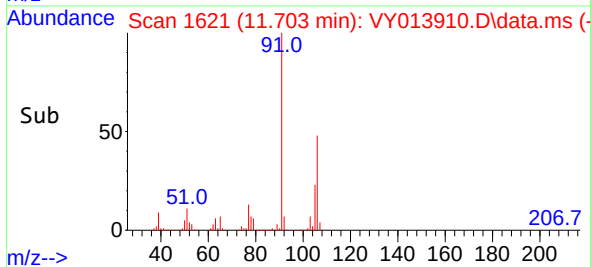
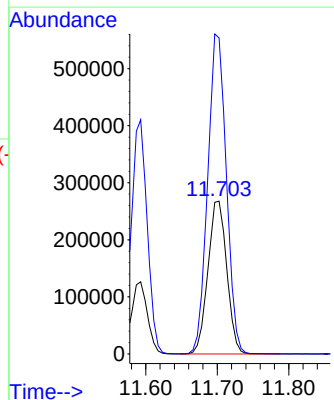
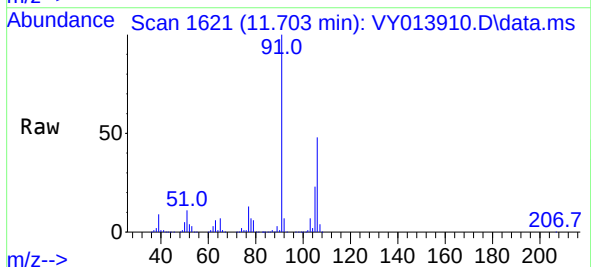
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

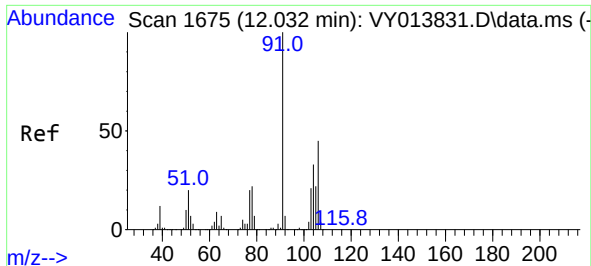
Tgt Ion: 91 Resp: 638911
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1



#68
m/p-Xylenes
Concen: 92.891 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 106 Resp: 489212
Ion Ratio Lower Upper
106 100
91 207.6 164.9 247.3

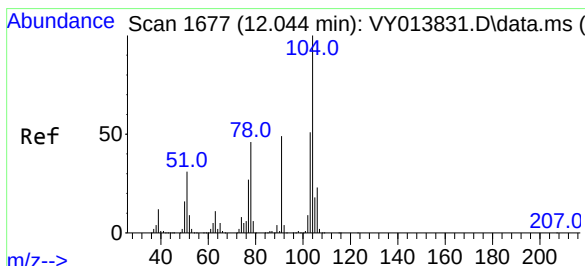
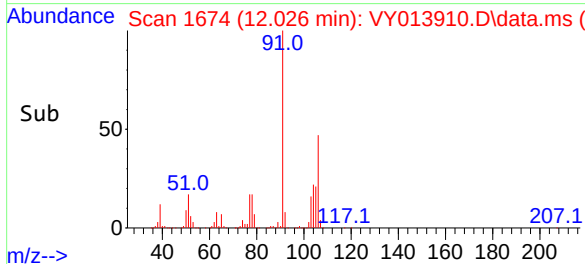
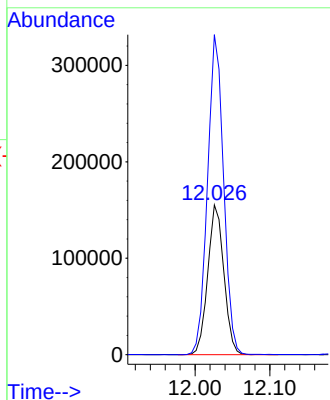
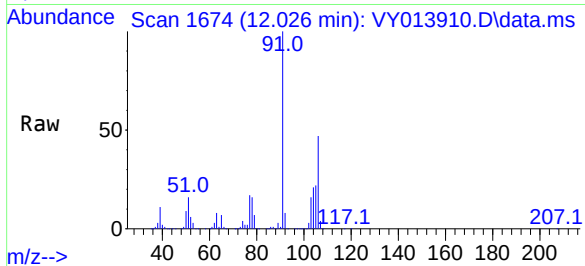




#69
o-Xylene
Concen: 46.950 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

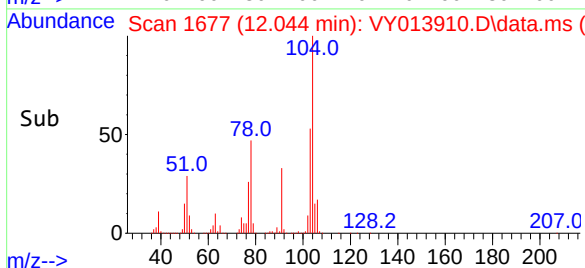
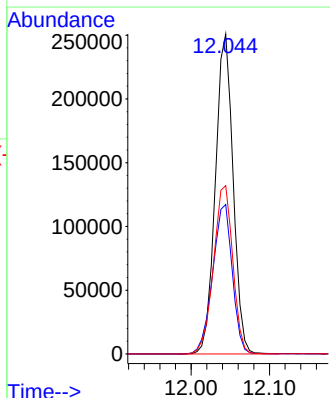
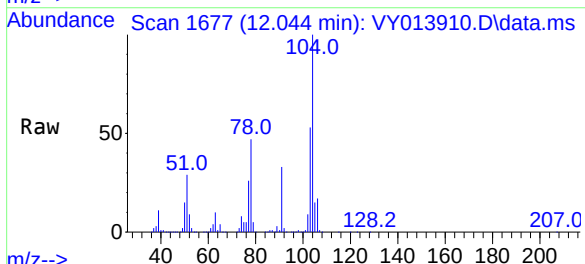
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

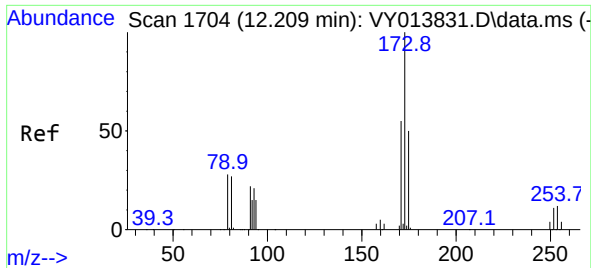
Tgt Ion:106 Resp: 232912
Ion Ratio Lower Upper
106 100
91 212.9 109.0 327.0



#70
Styrene
Concen: 47.017 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion:104 Resp: 395100
Ion Ratio Lower Upper
104 100
78 51.8 40.8 61.2
103 57.4 44.2 66.4

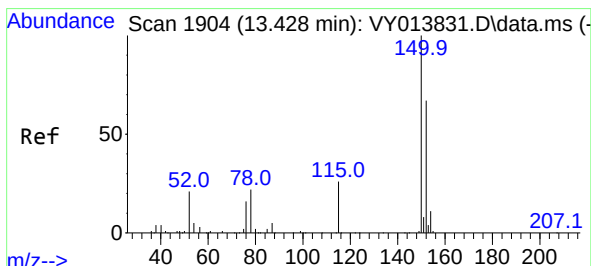
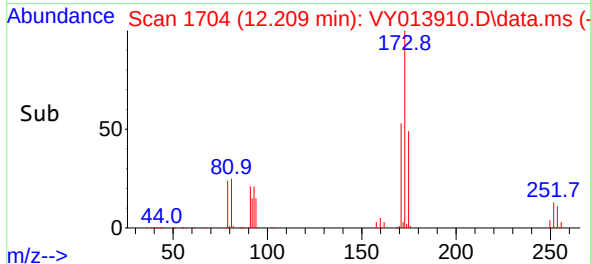
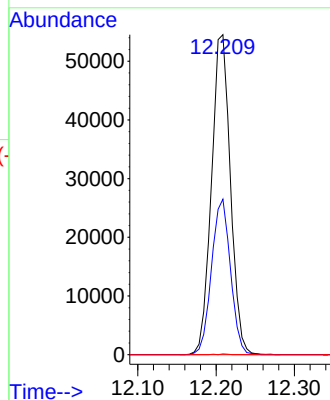
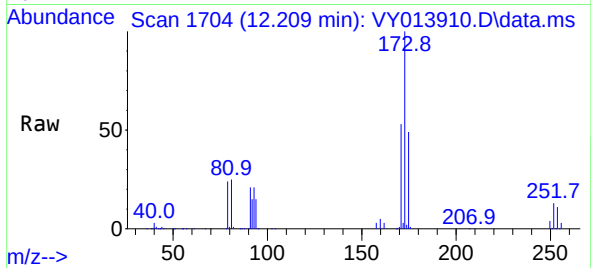




#71
Bromoform
Concen: 46.976 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

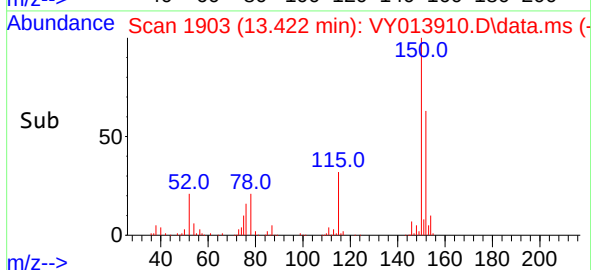
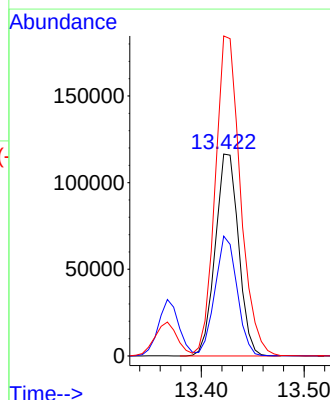
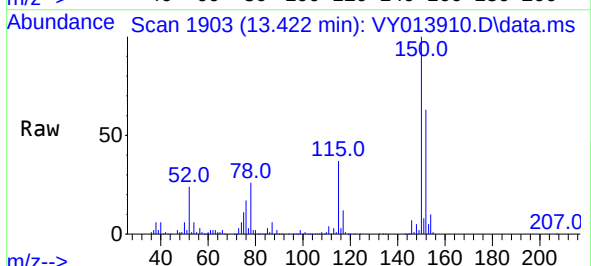
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

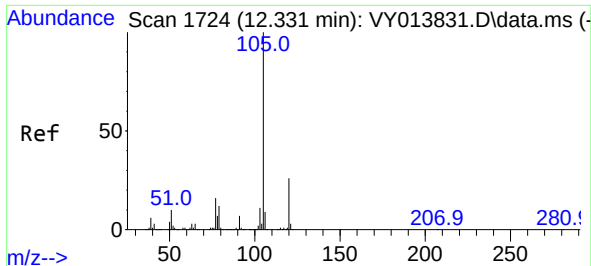
Tgt Ion:173 Resp: 91639
Ion Ratio Lower Upper
173 100
175 48.5 25.1 75.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion:152 Resp: 183251
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.5
150 171.3 0.0 353.4

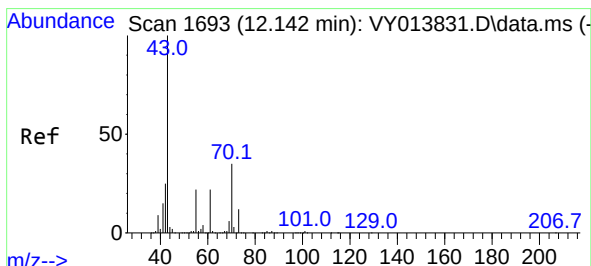
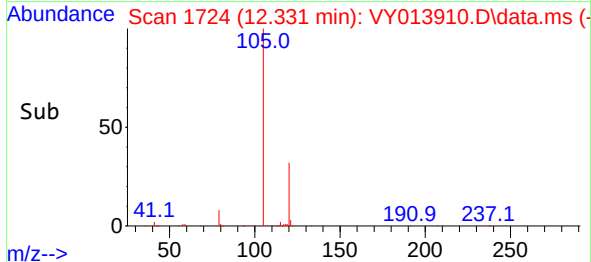
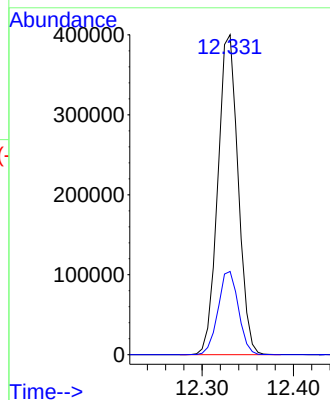
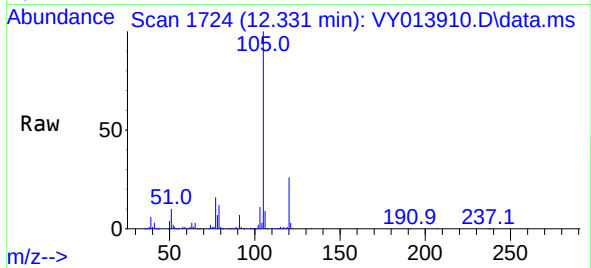




#73
Isopropylbenzene
Concen: 45.269 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

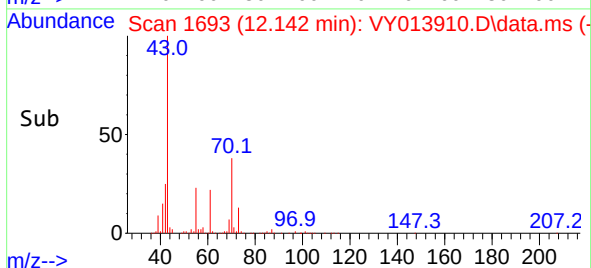
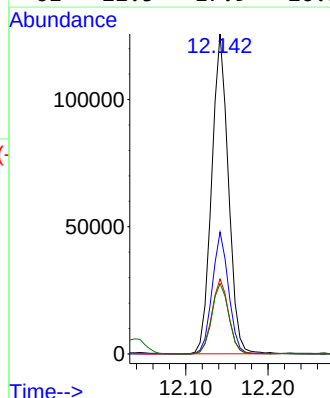
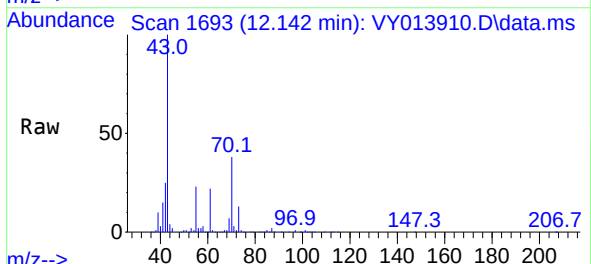
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

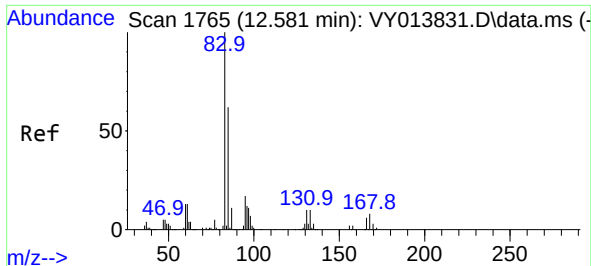
Tgt Ion:105 Resp: 617441
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#74
N-ethyl acetate
Concen: 43.443 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 43 Resp: 178147
Ion Ratio Lower Upper
43 100
70 37.3 29.3 43.9
55 23.5 18.0 27.0
61 22.5 17.9 26.9

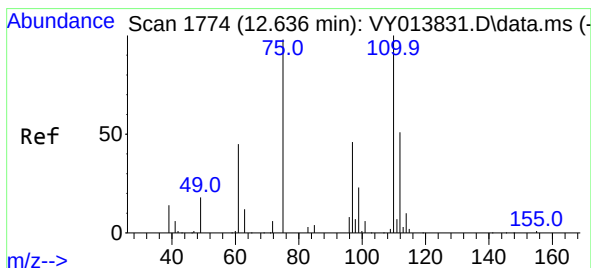
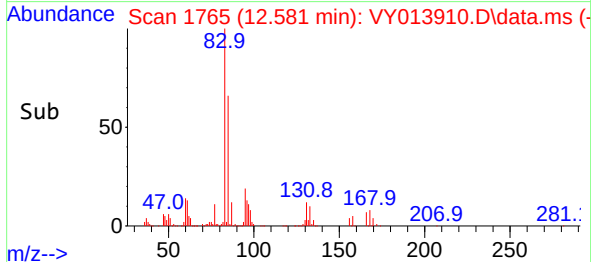
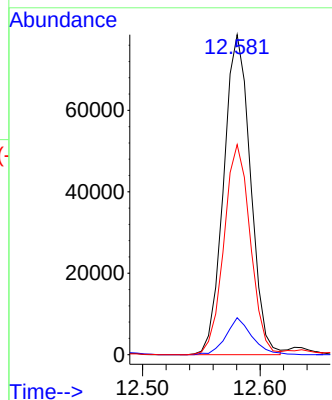
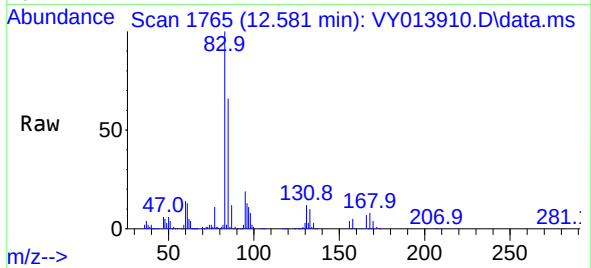




#75
1,1,2,2-Tetrachloroethane
Concen: 44.160 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

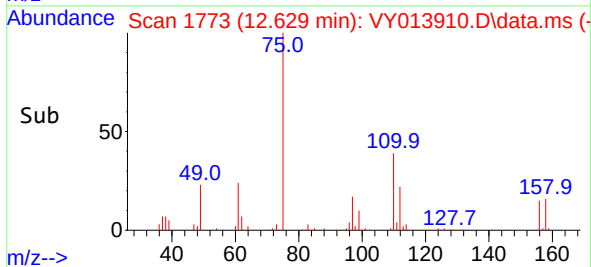
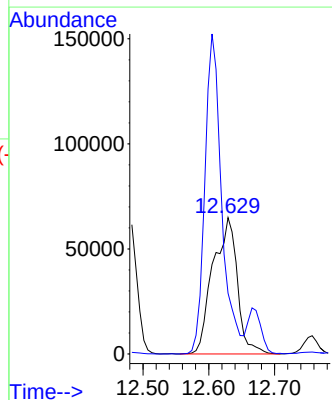
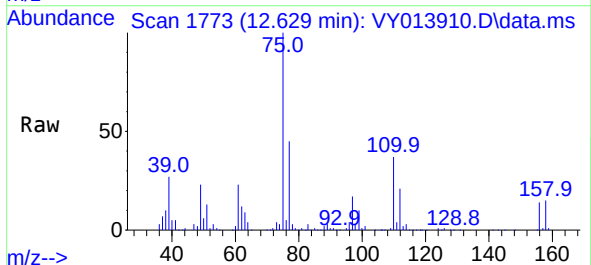
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

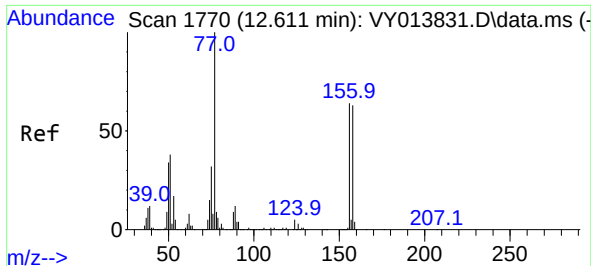
Tgt Ion: 83 Resp: 124685
Ion Ratio Lower Upper
83 100
131 11.2 5.3 16.1
85 64.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 77.637 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 75 Resp: 167757
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

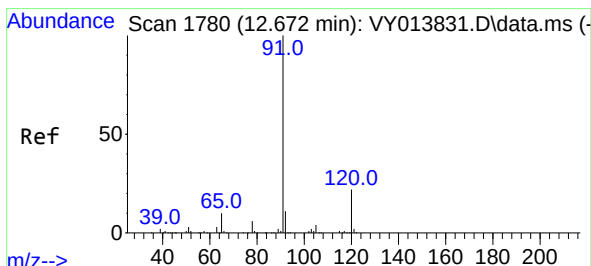
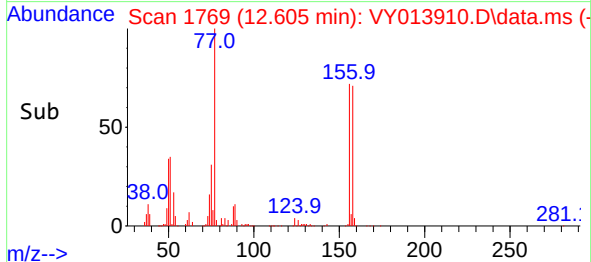
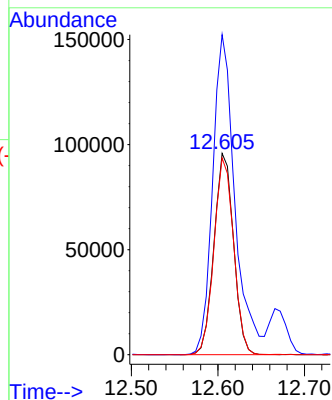
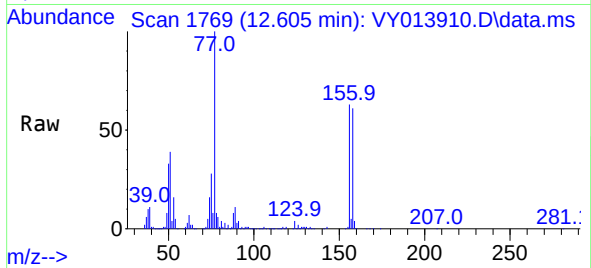




#77
Bromobenzene
Concen: 44.974 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

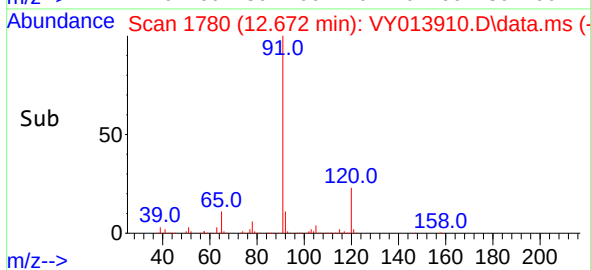
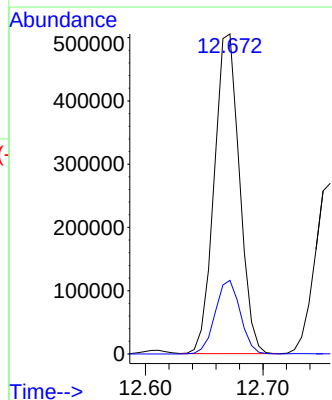
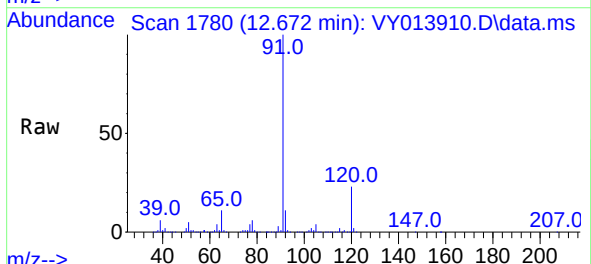
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

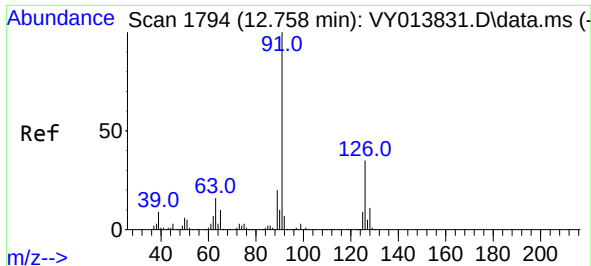
Tgt Ion:156 Resp: 150513
Ion Ratio Lower Upper
156 100
77 180.7 91.6 274.8
158 98.2 48.9 146.6



#78
n-propylbenzene
Concen: 44.777 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 91 Resp: 754492
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9

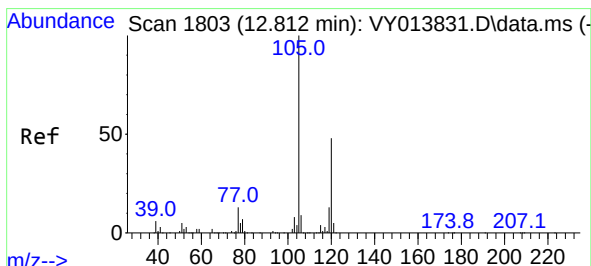
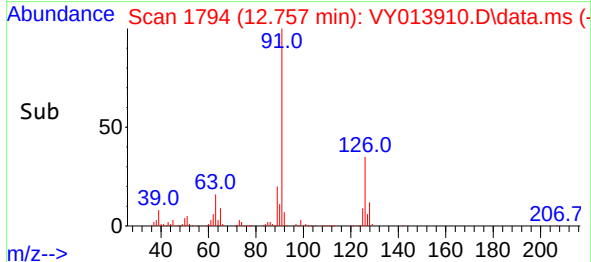
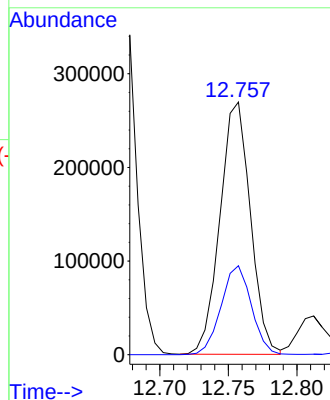
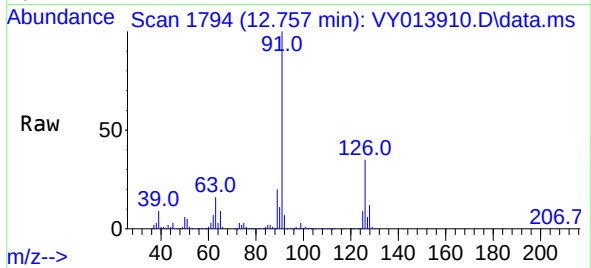




#79
2-Chlorotoluene
Concen: 44.344 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

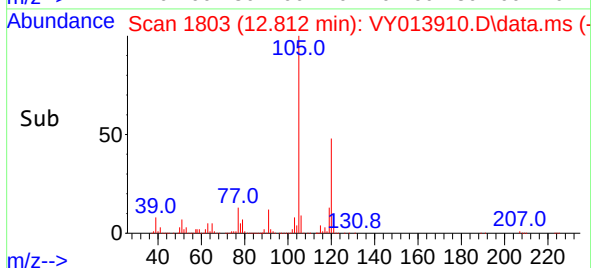
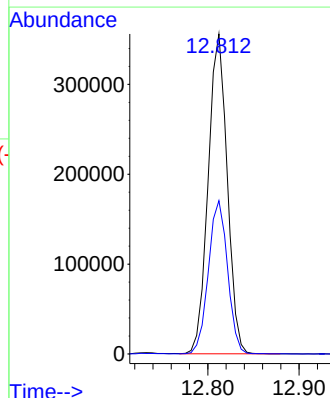
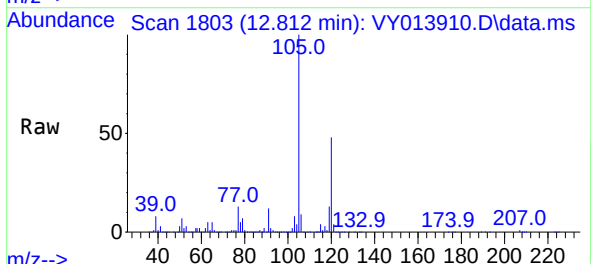
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

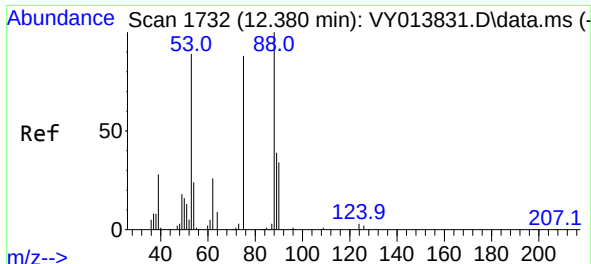
Tgt Ion: 91 Resp: 417361
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 45.637 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion:105 Resp: 513805
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

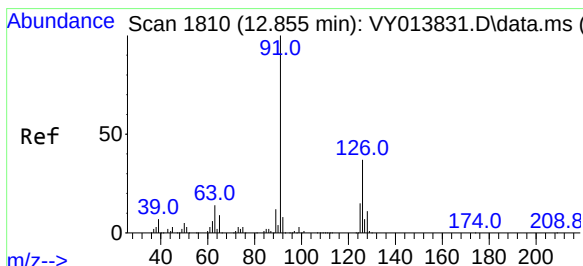
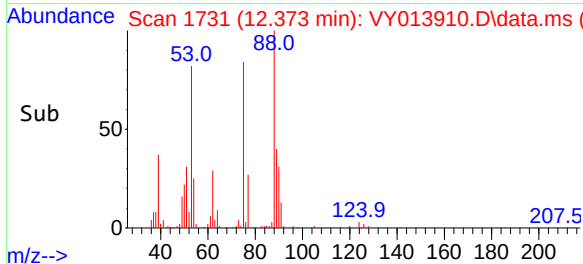
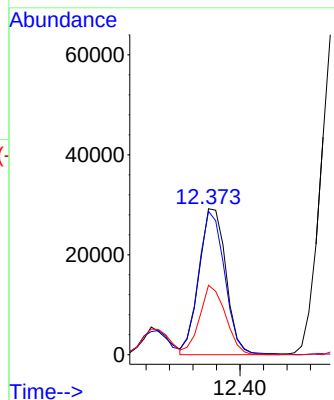
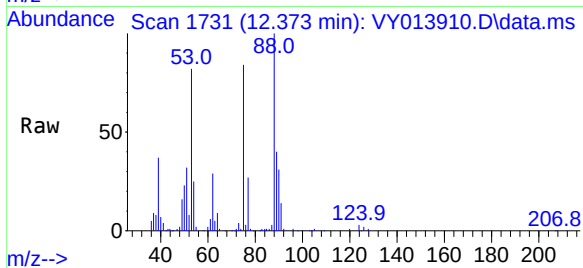




#81
trans-1,4-Dichloro-2-butene
Concen: 46.906 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

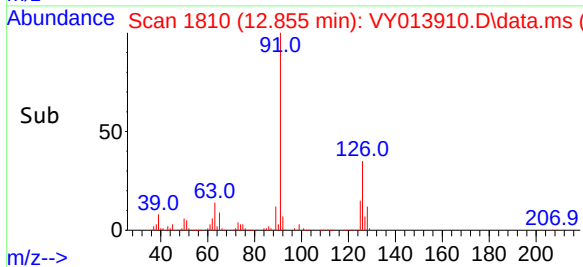
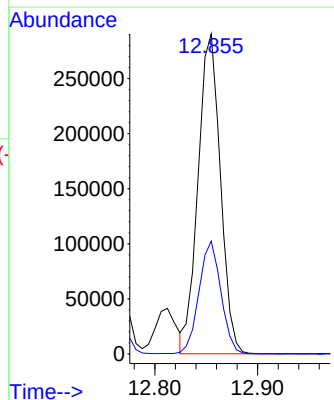
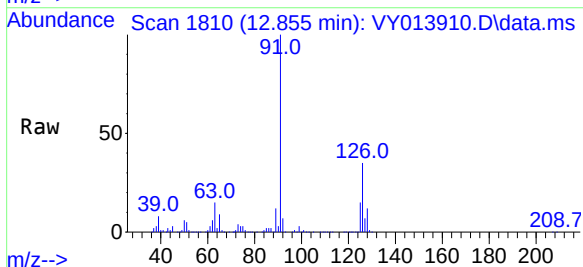
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

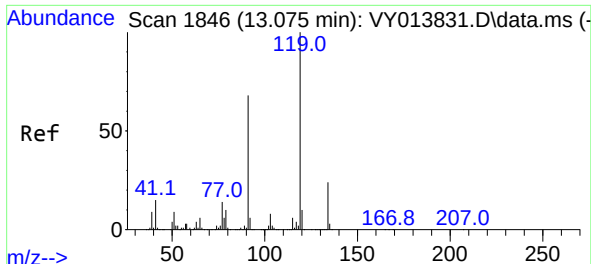
Tgt Ion: 75 Resp: 46692
Ion Ratio Lower Upper
75 100
53 95.8 79.7 119.5
89 45.5 36.4 54.6



#82
4-Chlorotoluene
Concen: 45.208 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 91 Resp: 439786
Ion Ratio Lower Upper
91 100
126 34.7 17.9 53.7

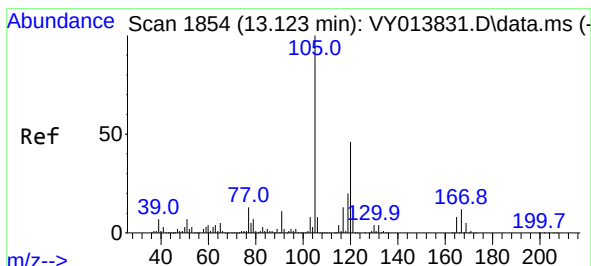
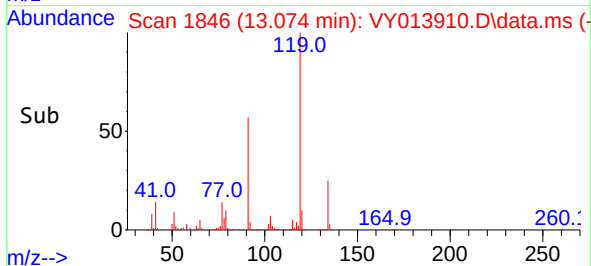
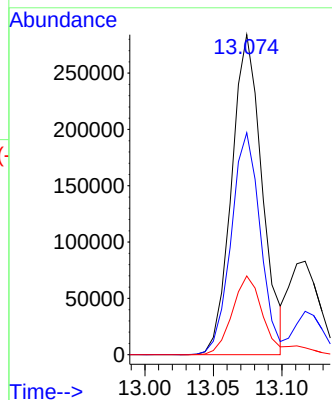
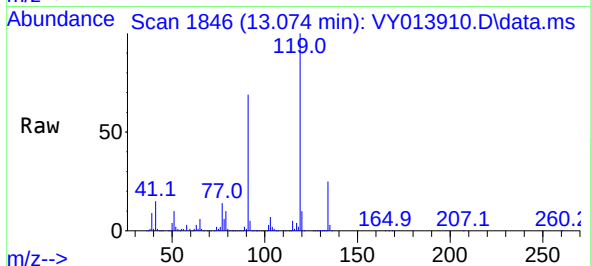




#83
tert-Butylbenzene
Concen: 45.017 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

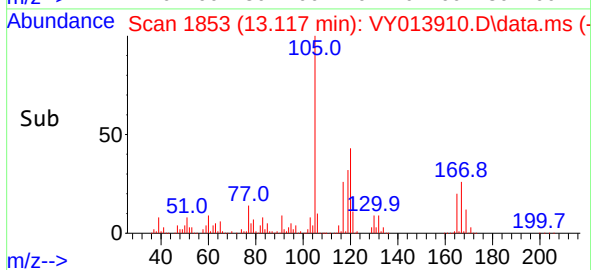
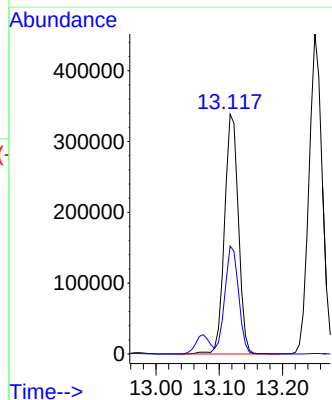
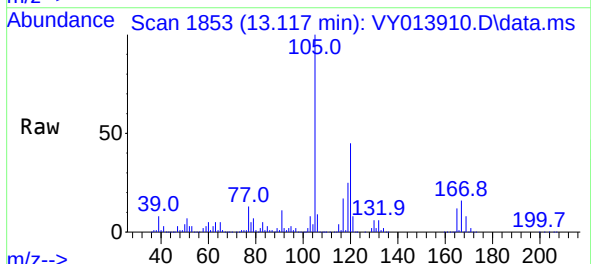
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

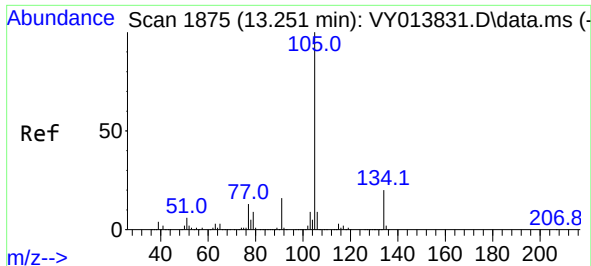
Tgt Ion:119 Resp: 441427
Ion Ratio Lower Upper
119 100
91 66.3 33.7 101.0
134 26.2 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 46.532 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion:105 Resp: 514244
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.3

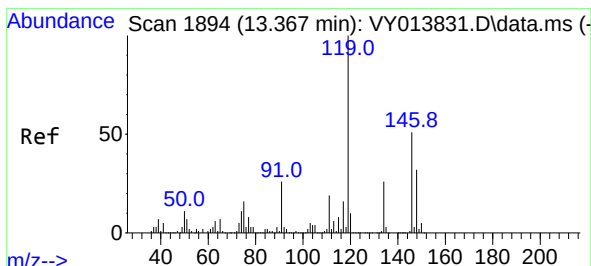
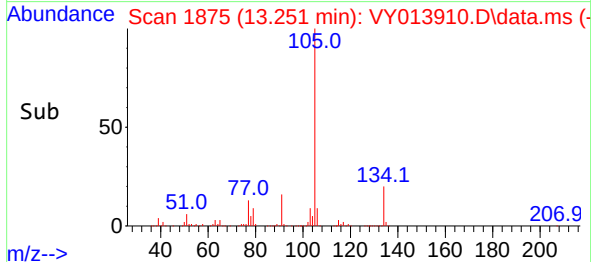
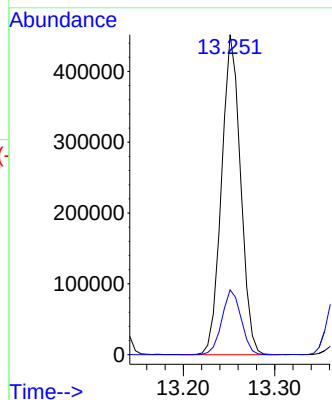
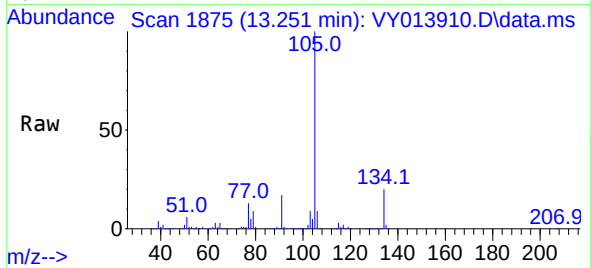




#85
 sec-Butylbenzene
 Concen: 44.924 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY013910.D
 Acq: 30 May 2023 11:03

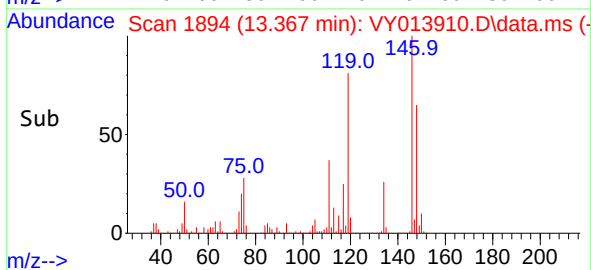
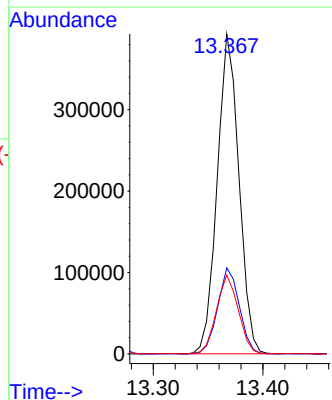
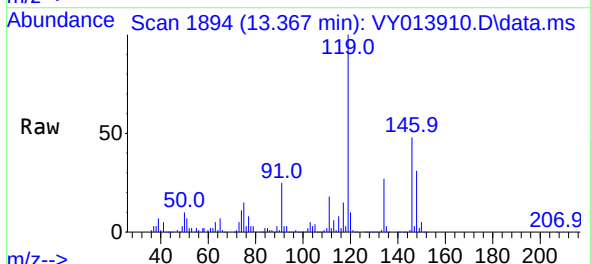
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

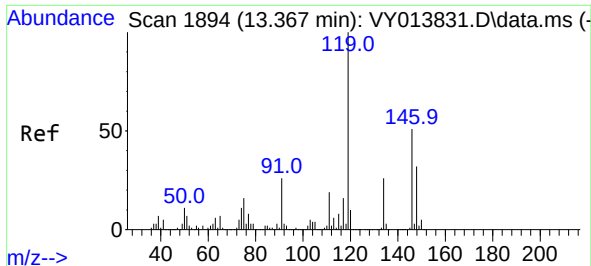
Tgt Ion:105 Resp: 654365
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 44.923 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013910.D
 Acq: 30 May 2023 11:03

Tgt Ion:119 Resp: 540835
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.9
 91 24.7 12.4 37.4

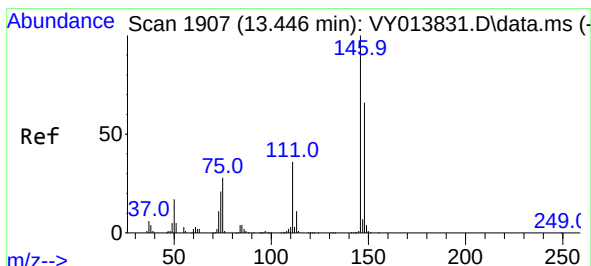
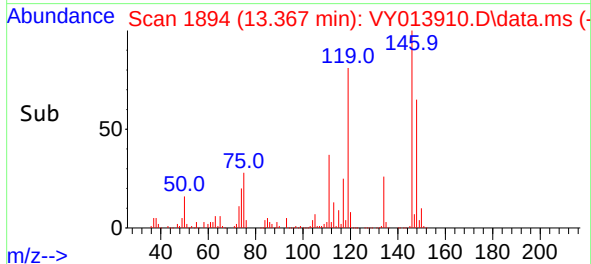
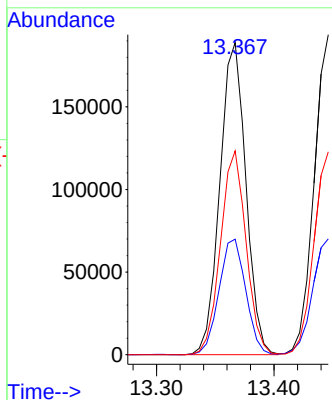
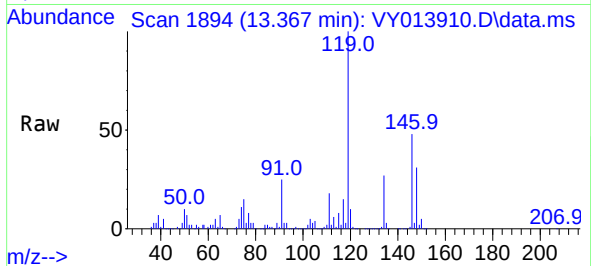




#87
1,3-Dichlorobenzene
Concen: 44.901 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

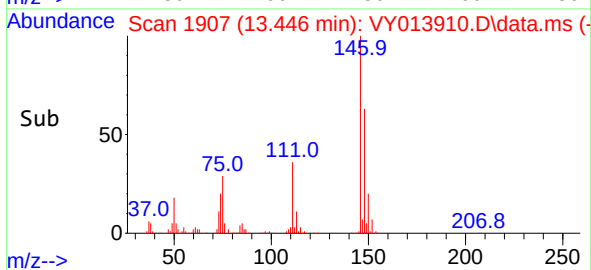
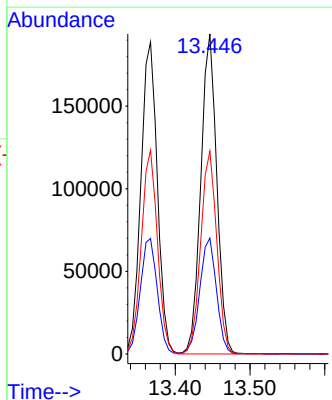
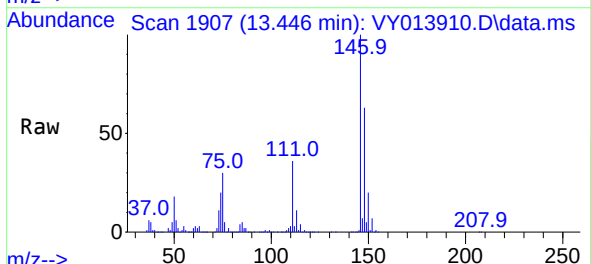
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

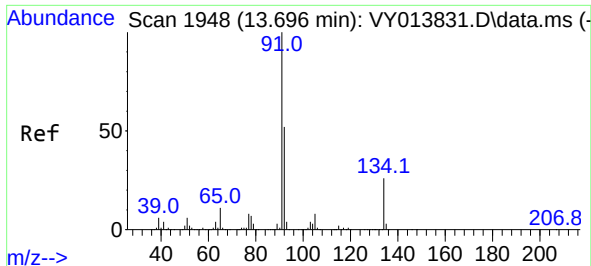
Tgt Ion:146 Resp: 290233
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.5
148 64.3 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 44.817 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion:146 Resp: 288409
Ion Ratio Lower Upper
146 100
111 37.5 18.6 55.8
148 63.8 32.4 97.2

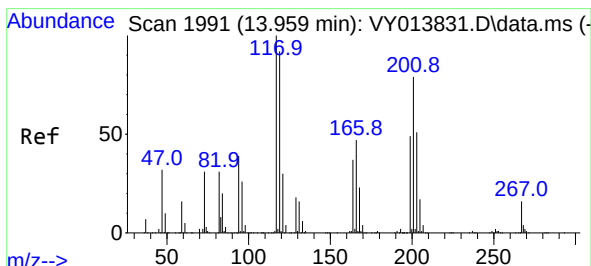
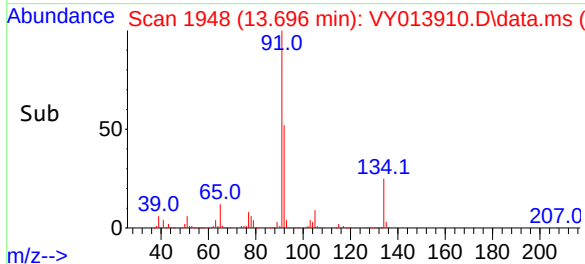
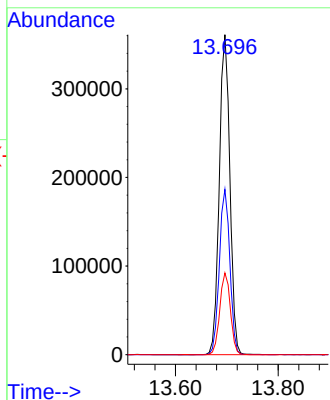
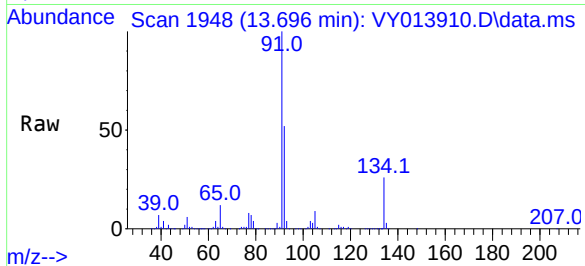




#89
n-Butylbenzene
Concen: 44.622 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

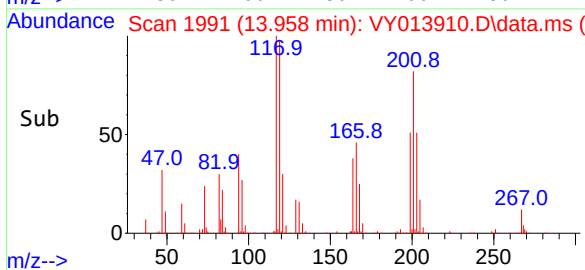
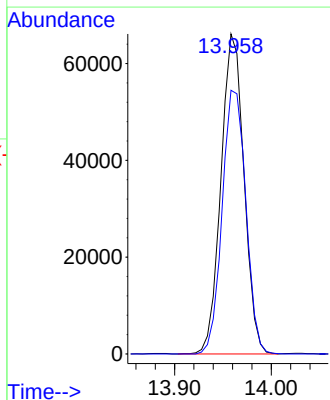
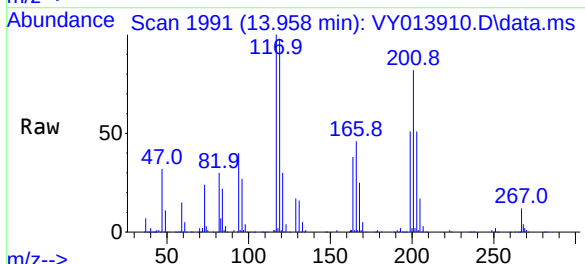
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

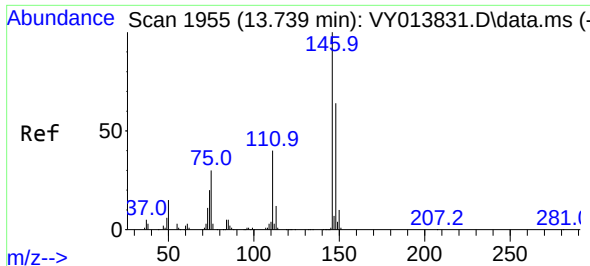
Tgt Ion: 91 Resp: 515163
Ion Ratio Lower Upper
91 100
92 51.4 25.6 76.6
134 25.7 13.0 38.9



#90
Hexachloroethane
Concen: 44.226 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 117 Resp: 109320
Ion Ratio Lower Upper
117 100
201 84.8 42.3 126.8

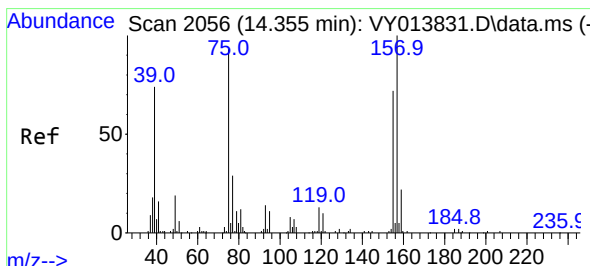
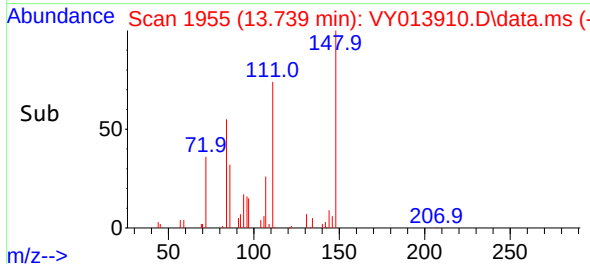
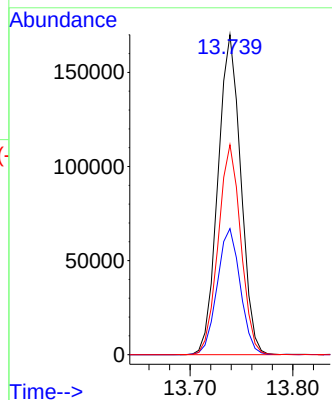
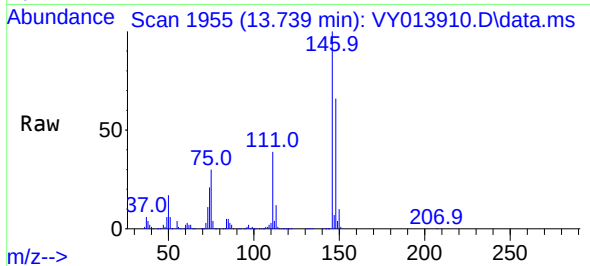




#91
1,2-Dichlorobenzene
Concen: 45.672 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

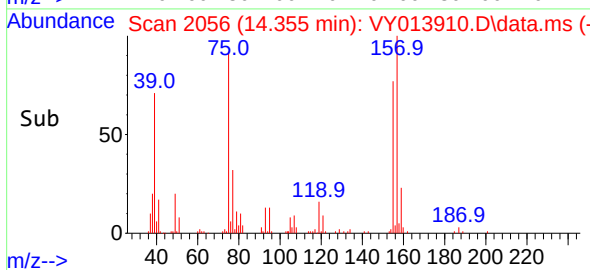
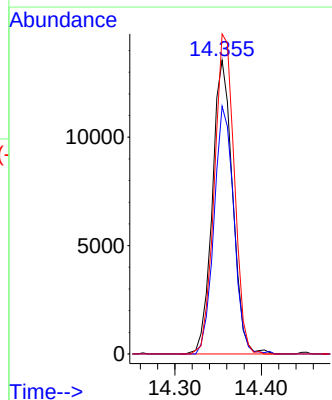
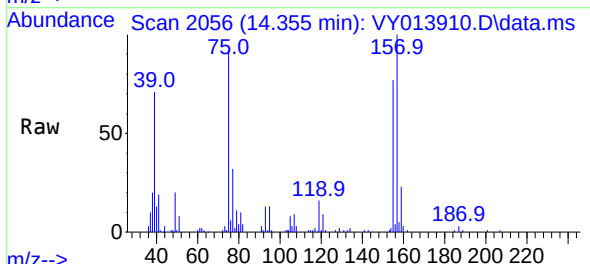
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ClientSampleId :
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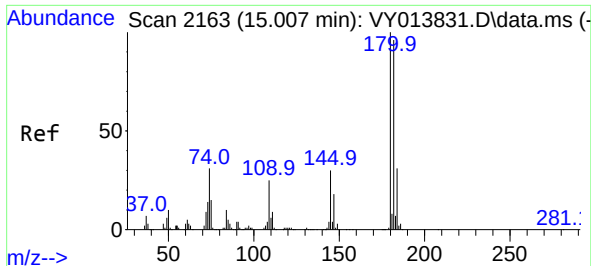
Tgt Ion:146 Resp: 262362
Ion Ratio Lower Upper
146 100
111 39.8 19.6 58.8
148 64.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.531 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion: 75 Resp: 22028
Ion Ratio Lower Upper
75 100
155 82.2 39.9 119.6
157 107.0 54.6 163.8

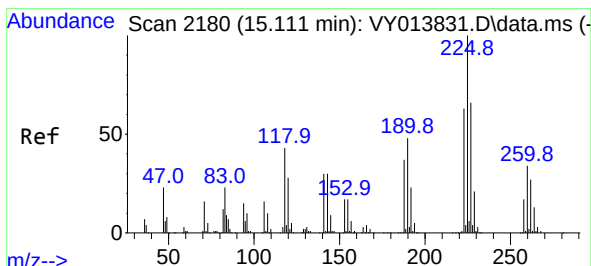
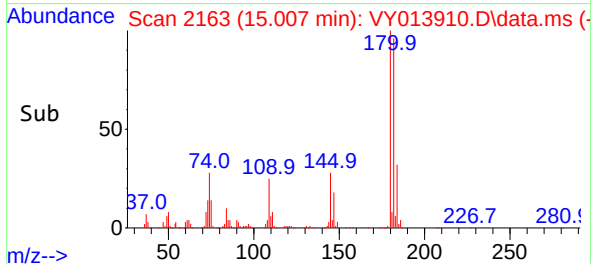
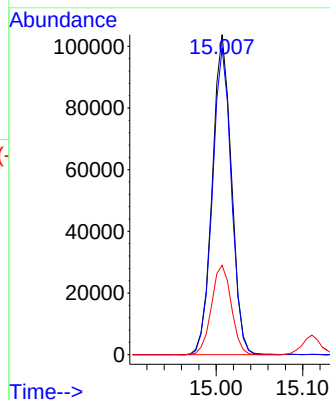
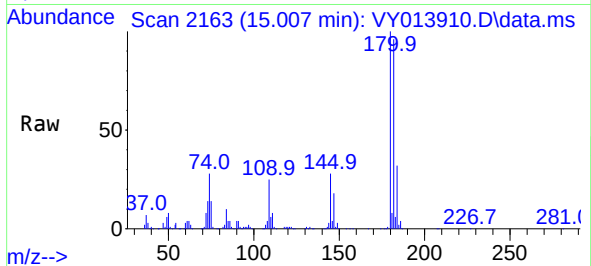




#93
1,2,4-Trichlorobenzene
Concen: 44.612 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

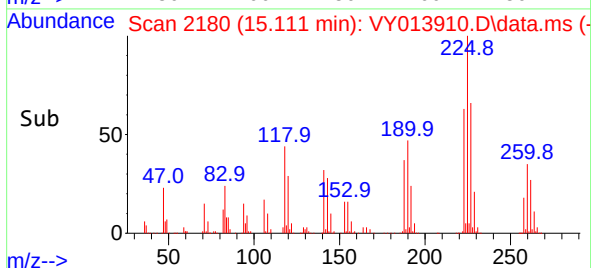
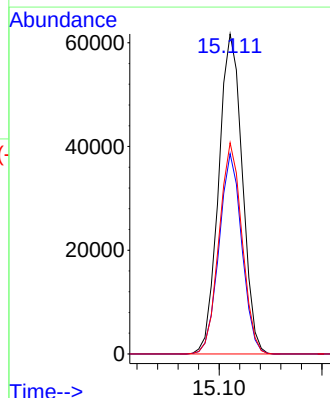
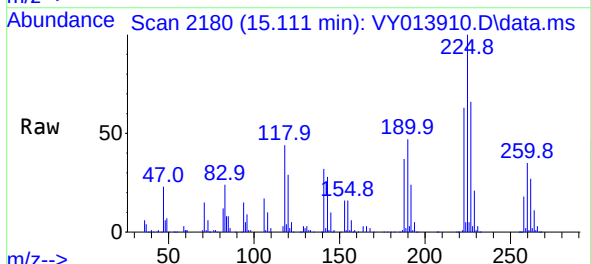
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

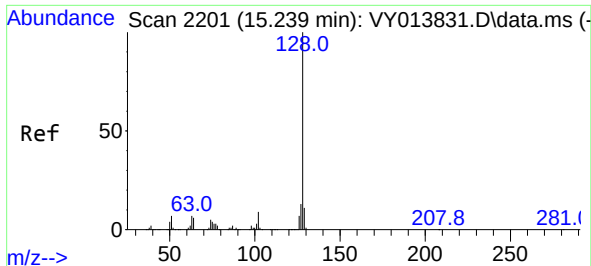
Tgt Ion:180 Resp: 158872
Ion Ratio Lower Upper
180 100
182 95.3 48.1 144.3
145 29.0 14.8 44.4



#94
Hexachlorobutadiene
Concen: 43.848 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion:225 Resp: 98456
Ion Ratio Lower Upper
225 100
223 60.2 31.3 93.9
227 64.1 32.9 98.6

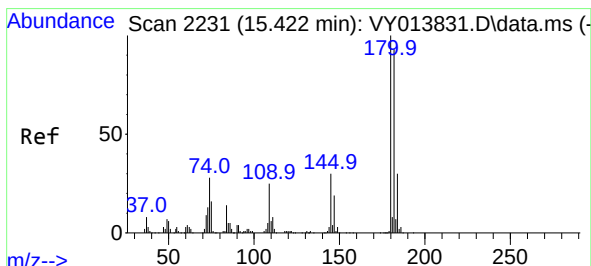
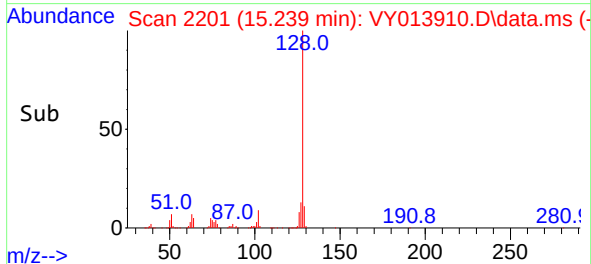
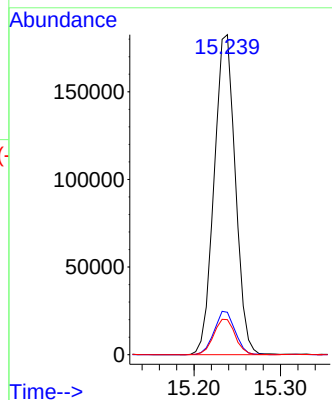
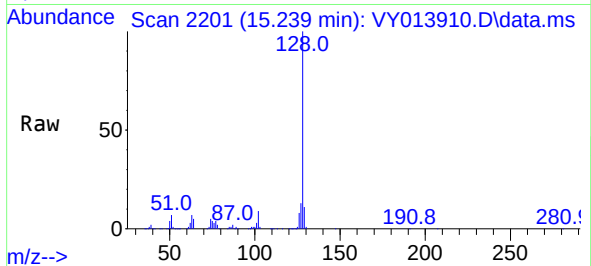




#95
Naphthalene
Concen: 40.694 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 310987
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.3 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 44.017 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013910.D
Acq: 30 May 2023 11:03

Tgt Ion:180 Resp: 139399
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.2
145 31.7 15.5 46.5

