

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013934.D
 Acq On : 31 May 2023 14:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 17:31:35 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	7.783	168	282106	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	427613	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	384078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	191739	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160039	49.036	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.080%
35) Dibromofluoromethane	7.716	113	139197	50.405	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.820%
50) Toluene-d8	10.179	98	512293	48.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.483	95	180668	51.785	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	122264	47.315	ug/l	98
3) Chloromethane	2.113	50	139649	44.360	ug/l	99
4) Vinyl Chloride	2.253	62	139867	43.445	ug/l	98
5) Bromomethane	2.649	94	105275	41.150	ug/l	95
6) Chloroethane	2.796	64	90195	42.995	ug/l	98
7) Trichlorofluoromethane	3.125	101	238791	44.072	ug/l	97
8) Diethyl Ether	3.527	74	74487	44.820	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	128294	43.679	ug/l	99
10) Methyl Iodide	4.088	142	155911	44.712	ug/l	99
11) Tert butyl alcohol	4.930	59	32988	131.941	ug/l #	73
12) 1,1-Dichloroethene	3.869	96	122619	44.436	ug/l	96
13) Acrolein	3.729	56	113903	302.869	ug/l	99
14) Allyl chloride	4.478	41	218536	43.379	ug/l	100
15) Acrylonitrile	5.161	53	188241	220.913	ug/l	99
16) Acetone	3.954	43	222021	229.204	ug/l	97
17) Carbon Disulfide	4.192	76	353734	42.945	ug/l	99
18) Methyl Acetate	4.478	43	147023	43.750	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	338611	44.964	ug/l	99
20) Methylene Chloride	4.716	84	145732	42.026	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	128464	42.826	ug/l	98
22) Diisopropyl ether	6.112	45	433352	44.552	ug/l	99
23) Vinyl Acetate	6.057	43	1272113	224.545	ug/l	99
24) 1,1-Dichloroethane	6.015	63	243210	42.830	ug/l	99
25) 2-Butanone	6.984	43	260398	220.304	ug/l	98
26) 2,2-Dichloropropane	6.978	77	226769	44.334	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	146644	43.518	ug/l	97
28) Bromochloromethane	7.325	49	65925	39.553	ug/l	99
29) Tetrahydrofuran	7.350	42	161336	228.617	ug/l	100
30) Chloroform	7.502	83	257360	44.703	ug/l	99
31) Cyclohexane	7.783	56	204085	40.700	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	234533	44.656	ug/l	99
36) 1,1-Dichloropropene	7.911	75	185394	44.076	ug/l	100
37) Ethyl Acetate	7.069	43	119883	46.725	ug/l	100
38) Carbon Tetrachloride	7.892	117	213801	44.696	ug/l	99
39) Methylcyclohexane	9.179	83	212810	43.202	ug/l	99
40) Benzene	8.155	78	537742	44.511	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	61537	43.958	ug/l	91
42) 1,2-Dichloroethane	8.234	62	178099	45.025	ug/l	99
43) Isopropyl Acetate	8.270	43	208953	44.691	ug/l	98
44) Trichloroethene	8.935	130	141586	43.501	ug/l	96
45) 1,2-Dichloropropane	9.209	63	136613	44.142	ug/l	99
46) Dibromomethane	9.301	93	78556	44.321	ug/l	99
47) Bromodichloromethane	9.496	83	195736	45.315	ug/l	98
48) Methyl methacrylate	9.289	41	101124	46.060	ug/l	98
49) 1,4-Dioxane	9.313	88	19455	933.957	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	575994	231.171	ug/l	99
52) Toluene	10.240	92	334489	45.409	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	200024	45.492	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	223305	45.334	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	109141	45.770	ug/l	96
56) Ethyl methacrylate	10.508	69	148729	46.725	ug/l	99
57) 1,3-Dichloropropane	10.788	76	184782	45.501	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	212495	209.221	ug/l	100
59) 2-Hexanone	10.831	43	422125	238.174	ug/l	99
60) Dibromochloromethane	10.983	129	137077	45.444	ug/l	99
61) 1,2-Dibromoethane	11.087	107	104183	45.928	ug/l	99
64) Tetrachloroethene	10.715	164	123489	43.455	ug/l	98
65) Chlorobenzene	11.514	112	356794	44.323	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	137999	44.417	ug/l	100
67) Ethyl Benzene	11.593	91	651009	44.940	ug/l	99
68) m/p-Xylenes	11.703	106	497699	90.785	ug/l	100
69) o-Xylene	12.026	106	233411	45.200	ug/l	99
70) Styrene	12.044	104	401877	45.943	ug/l	99
71) Bromoform	12.209	173	92029	45.321	ug/l #	99
73) Isopropylbenzene	12.331	105	629307	44.097	ug/l	100
74) N-amyl acetate	12.142	43	190064	44.297	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	131698	44.579	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	174784	77.309	ug/l #	100
77) Bromobenzene	12.605	156	154317	44.070	ug/l	99
78) n-propylbenzene	12.672	91	775096	43.964	ug/l	100
79) 2-Chlorotoluene	12.757	91	432993	43.968	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	530500	45.034	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	46365	44.516	ug/l	97
82) 4-Chlorotoluene	12.855	91	451489	44.357	ug/l	98
83) tert-Butylbenzene	13.074	119	452302	44.085	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	529787	45.816	ug/l	99
85) sec-Butylbenzene	13.251	105	674652	44.266	ug/l	99
86) p-Isopropyltoluene	13.367	119	562017	44.616	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	295708	43.723	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	292882	43.498	ug/l	99
89) n-Butylbenzene	13.696	91	538963	44.617	ug/l	100
90) Hexachloroethane	13.958	117	112040	43.320	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	267348	44.480	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23123	44.675	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	166060	44.566	ug/l	99
94) Hexachlorobutadiene	15.111	225	101515	43.209	ug/l	98
95) Naphthalene	15.233	128	329756	41.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	147864	44.623	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

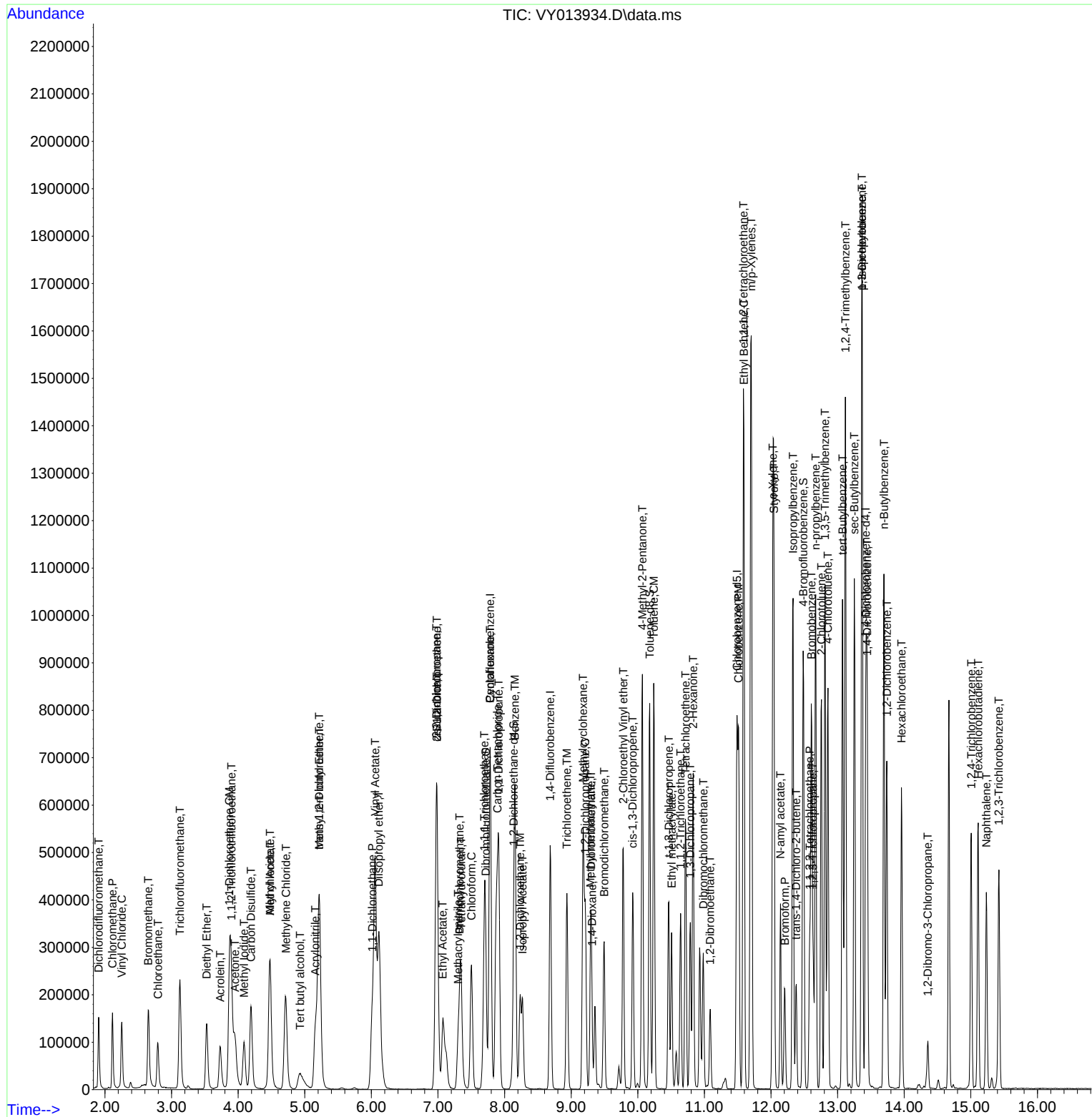
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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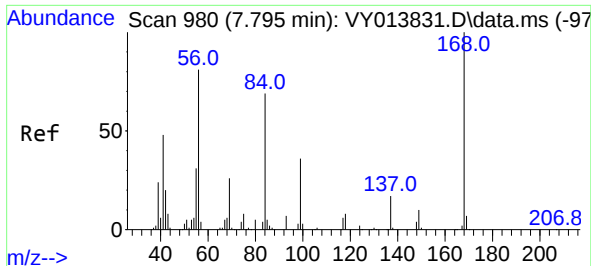
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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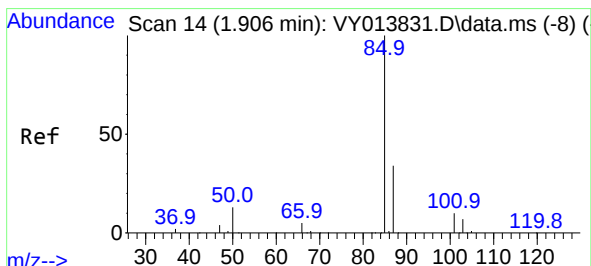
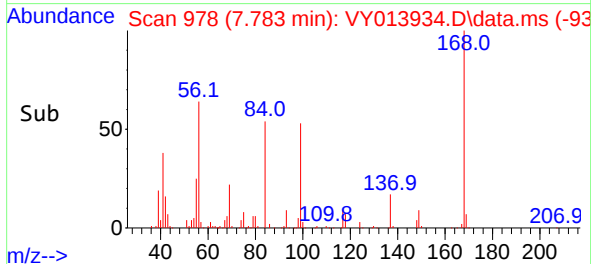
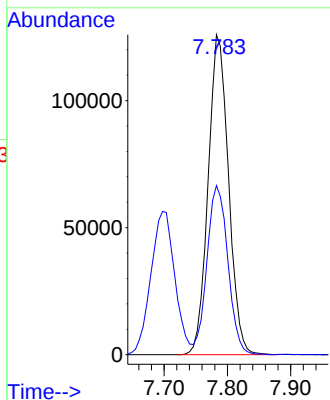
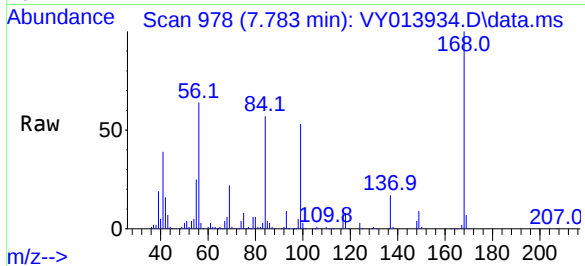




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013934.D
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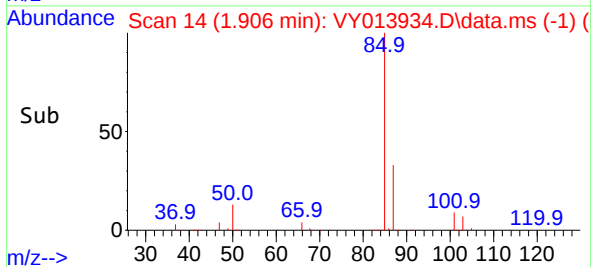
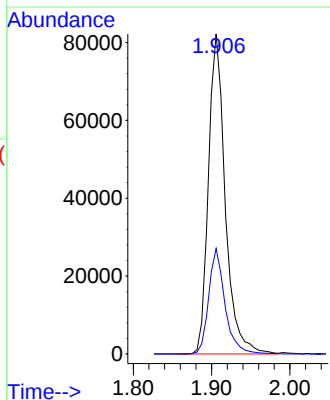
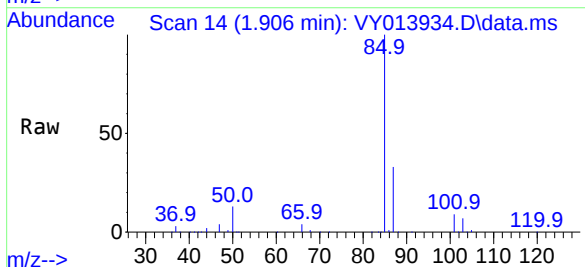
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 282106
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.2

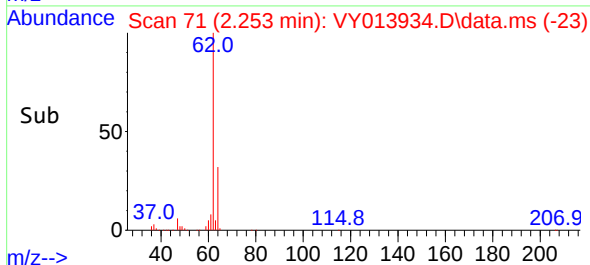
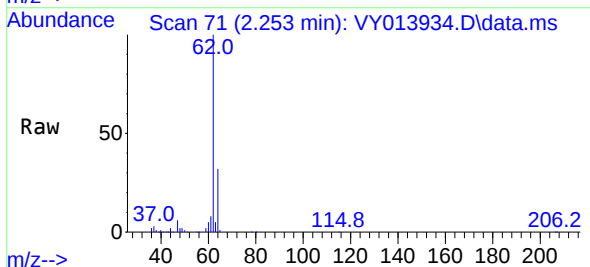
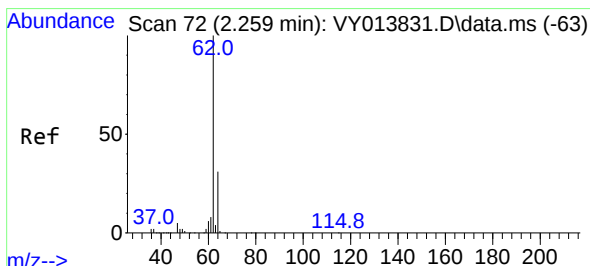
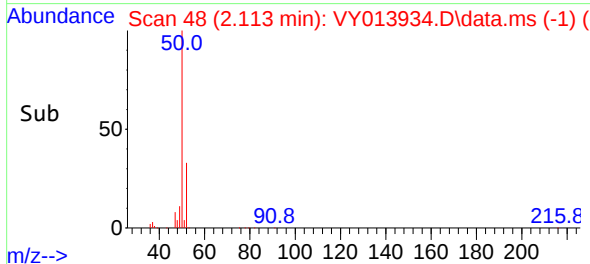
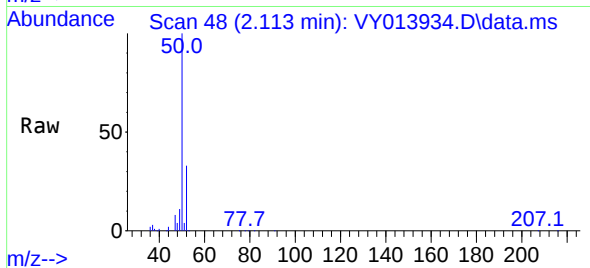
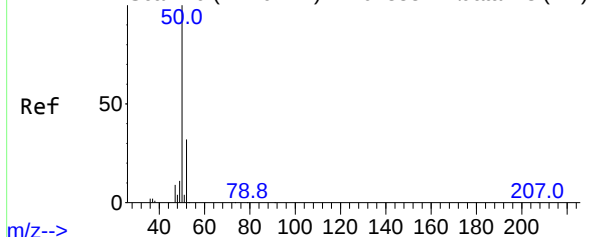


#2
Dichlorodifluoromethane
Concen: 47.315 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 85 Resp: 122264
Ion Ratio Lower Upper
85 100
87 32.9 16.9 50.7



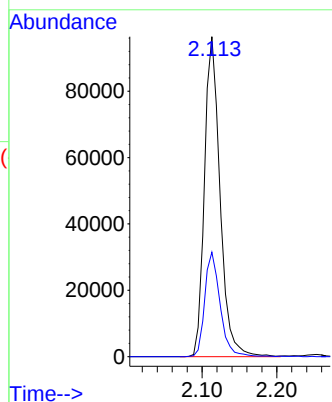
Abundance Scan 49 (2.119 min): VY013831.D\data.ms (-42)



#3
Chloromethane
Concen: 44.360 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

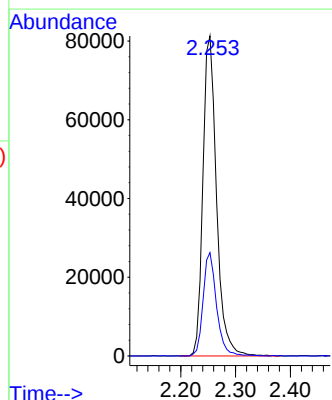
Instrument :
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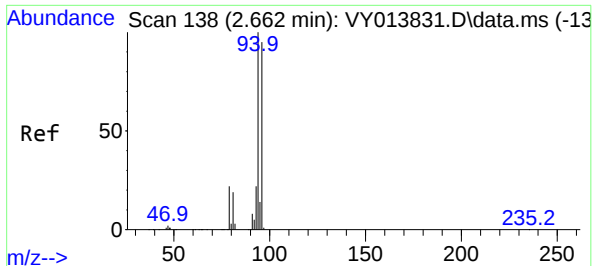
Tgt Ion: 50 Resp: 139649
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5



#4
Vinyl Chloride
Concen: 43.445 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 62 Resp: 139867
Ion Ratio Lower Upper
62 100
64 32.3 24.8 37.2

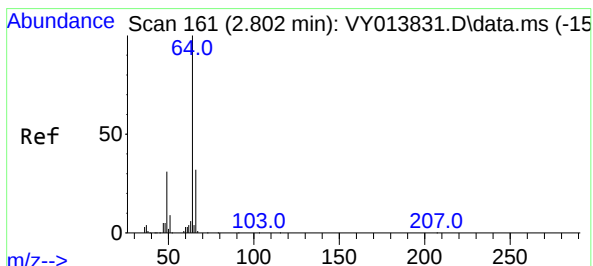
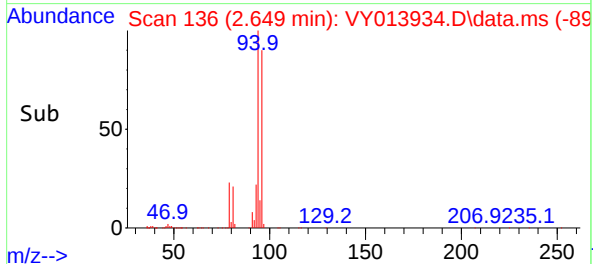
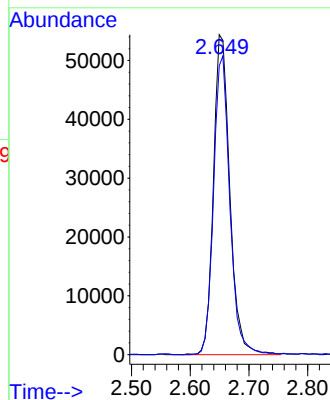
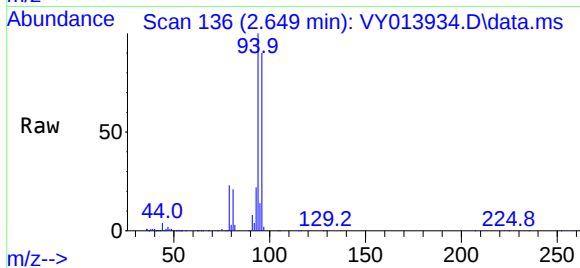




#5
Bromomethane
Concen: 41.150 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

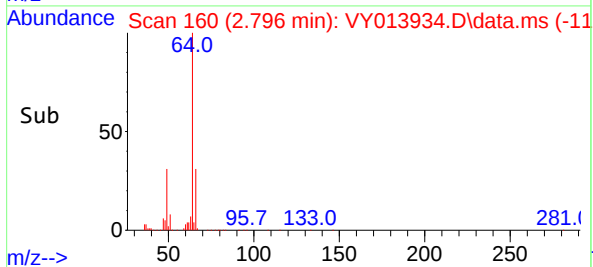
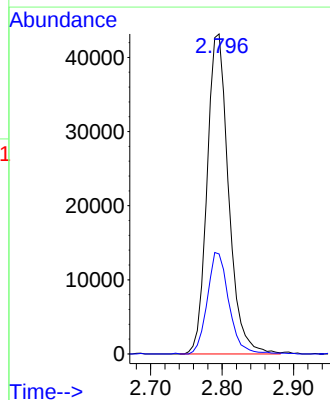
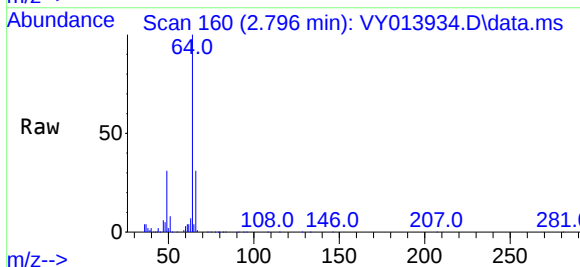
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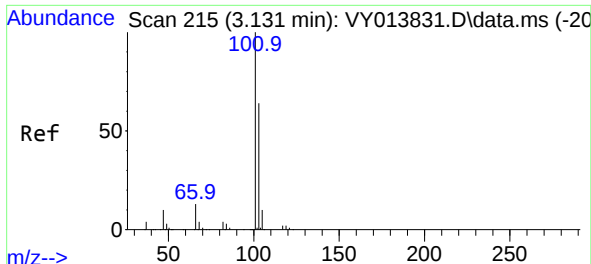
Tgt Ion: 94 Resp: 105275
Ion Ratio Lower Upper
94 100
96 90.2 76.2 114.2



#6
Chloroethane
Concen: 42.995 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013934.D
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Tgt Ion: 64 Resp: 90195
Ion Ratio Lower Upper
64 100
66 31.2 25.7 38.5

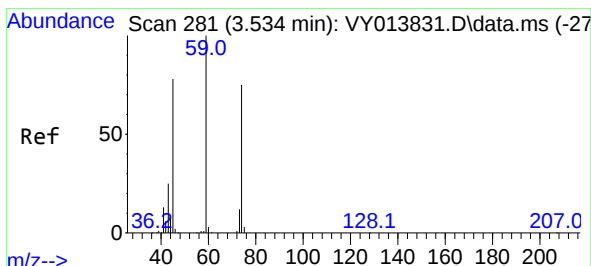
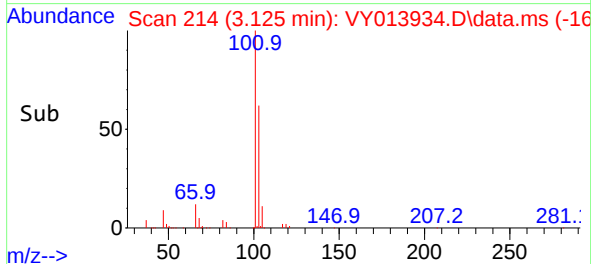
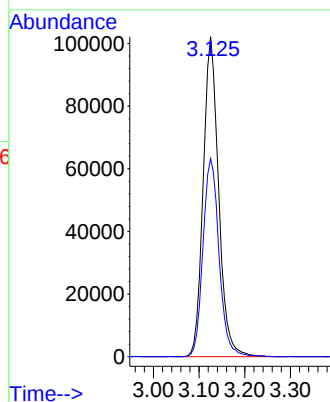
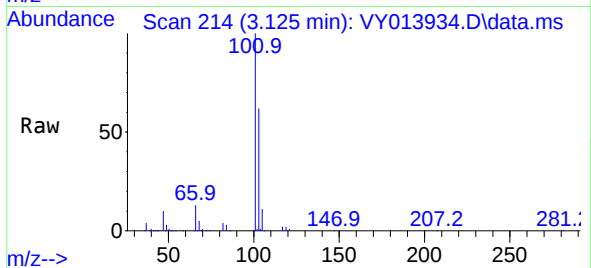




#7
Trichlorofluoromethane
Concen: 44.072 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

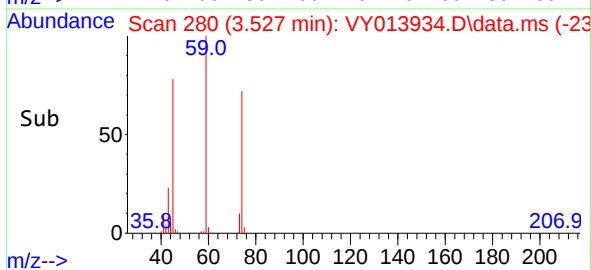
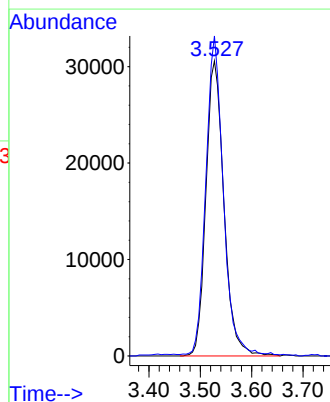
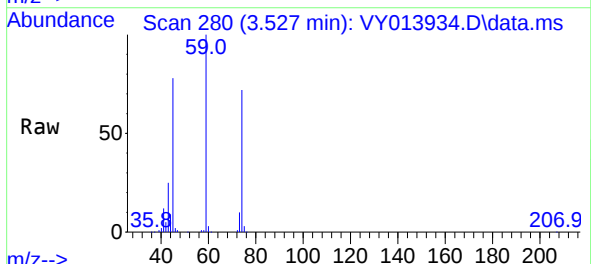
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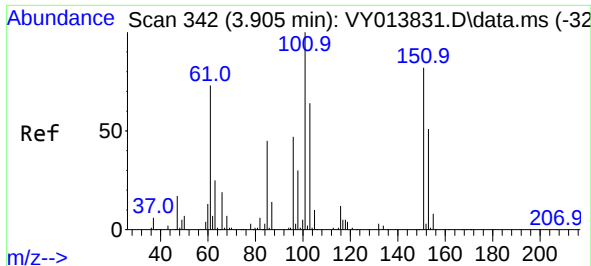
Tgt Ion:101 Resp: 238791
Ion Ratio Lower Upper
101 100
103 61.9 51.3 76.9



#8
Diethyl Ether
Concen: 44.820 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 74 Resp: 74487
Ion Ratio Lower Upper
74 100
45 103.5 51.8 155.5

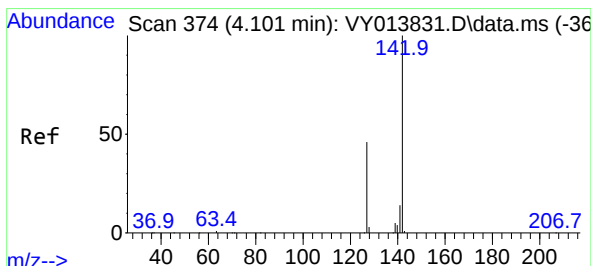
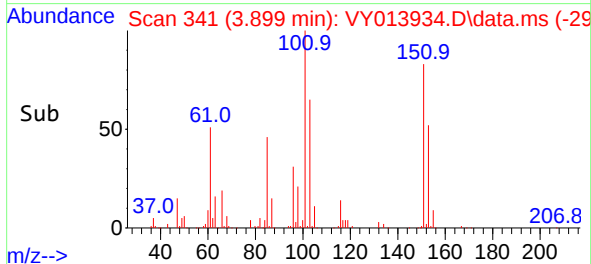
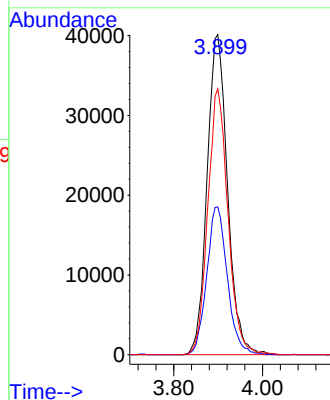
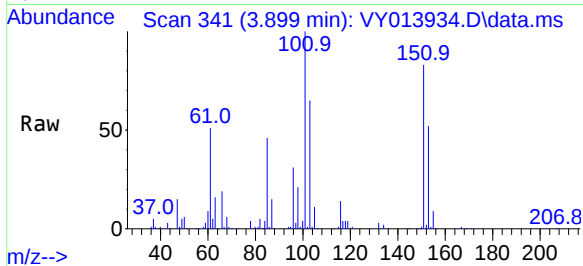




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.679 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

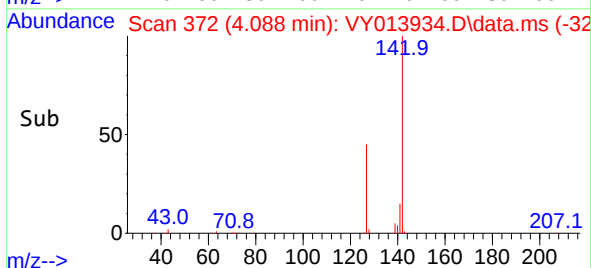
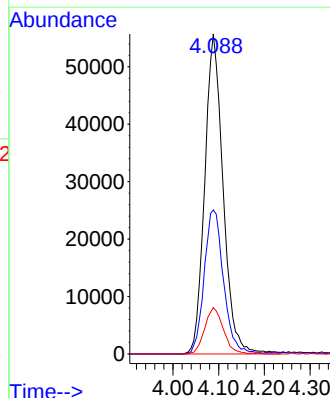
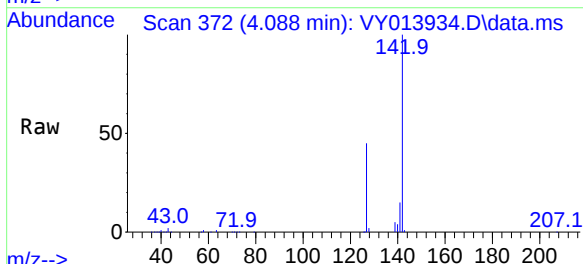
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

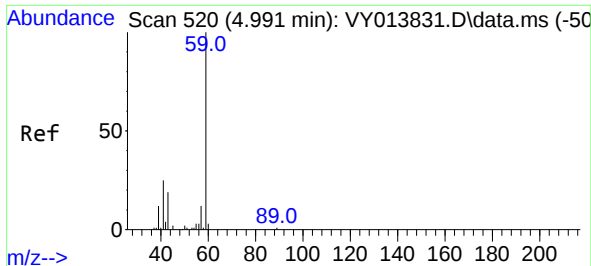
Tgt Ion:101 Resp: 128294
Ion Ratio Lower Upper
101 100
85 46.7 37.4 56.2
151 82.3 66.6 100.0



#10
Methyl Iodide
Concen: 44.712 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion:142 Resp: 155911
Ion Ratio Lower Upper
142 100
127 47.2 37.0 55.4
141 14.6 11.8 17.6





#11

Tert butyl alcohol

Concen: 131.941 ug/l

RT: 4.930 min Scan# 51

Delta R.T. -0.061 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

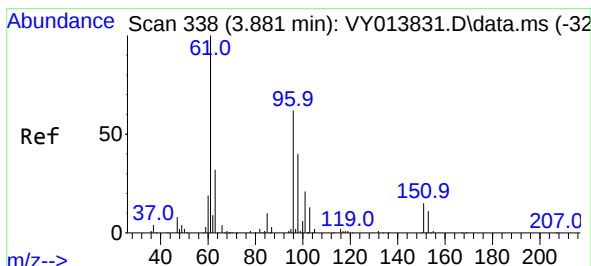
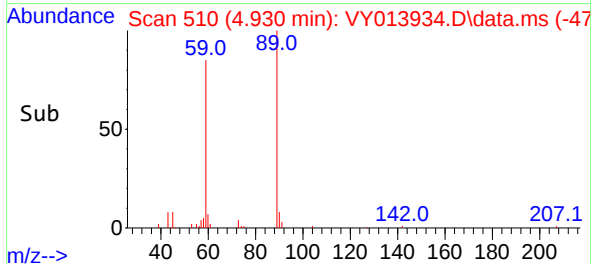
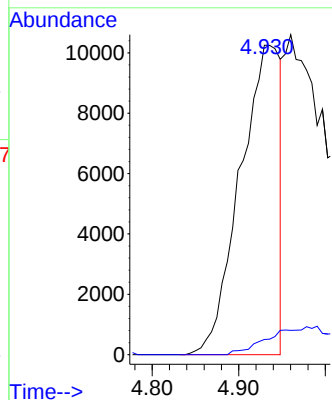
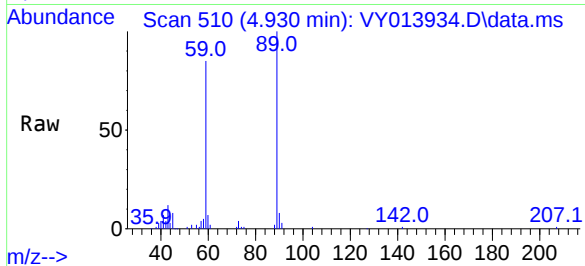
VSTDCCC050

Tgt Ion: 59 Resp: 32988

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 44.436 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.012 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

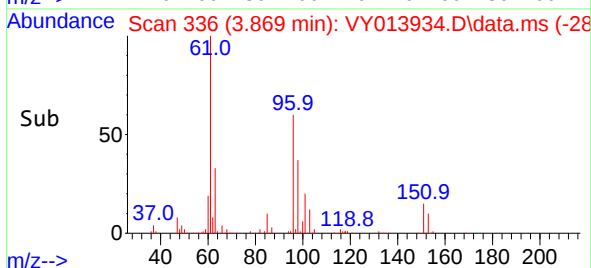
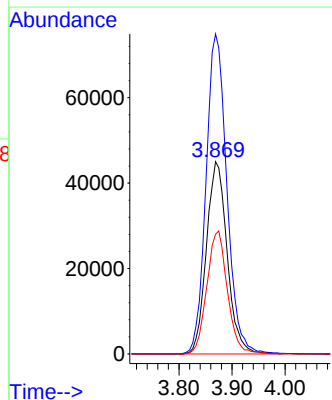
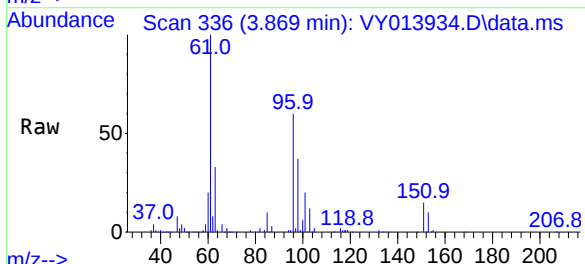
Tgt Ion: 96 Resp: 122619

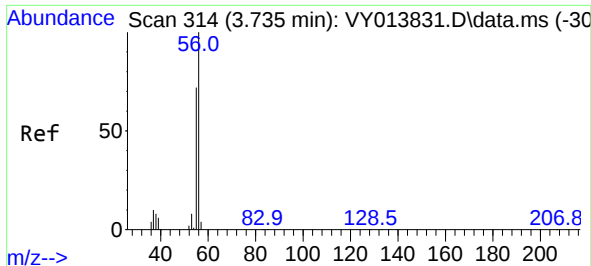
Ion Ratio Lower Upper

96 100

61 166.4 129.0 193.4

98 62.3 52.0 78.0

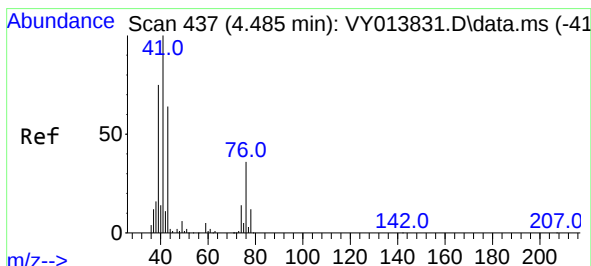
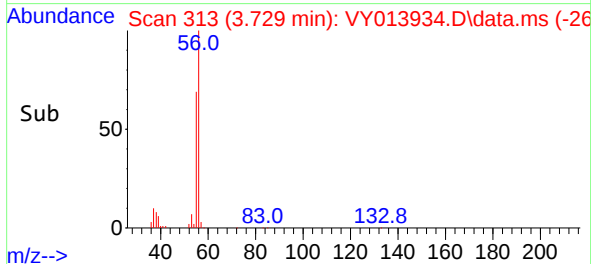
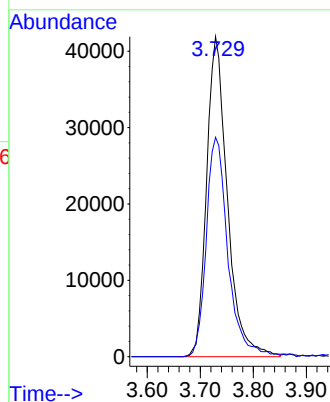
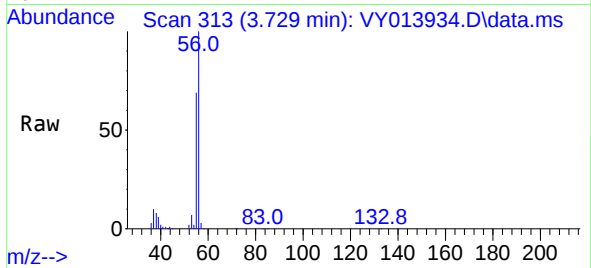




#13
Acrolein
Concen: 302.869 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

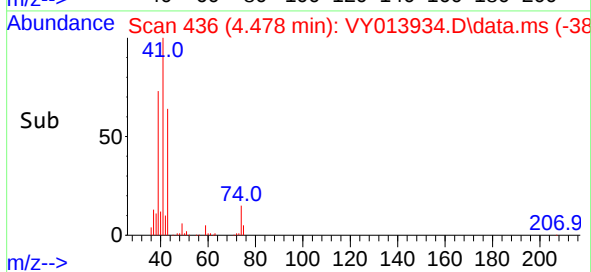
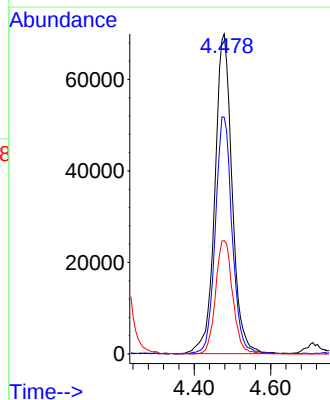
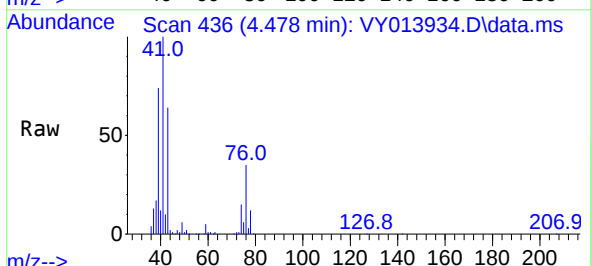
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

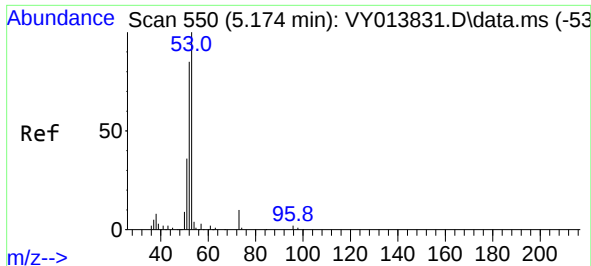
Tgt Ion: 56 Resp: 113903
Ion Ratio Lower Upper
56 100
55 71.3 56.2 84.2



#14
Allyl chloride
Concen: 43.379 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 41 Resp: 218536
Ion Ratio Lower Upper
41 100
39 72.5 58.3 87.5
76 35.1 28.0 42.0

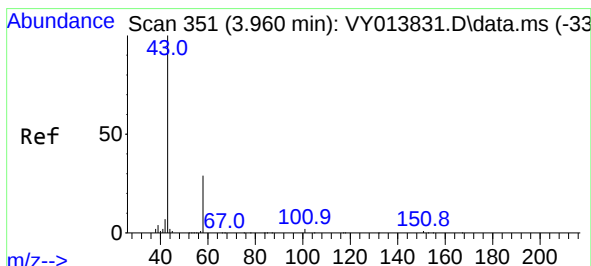
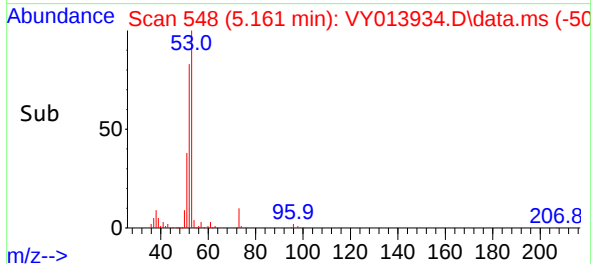
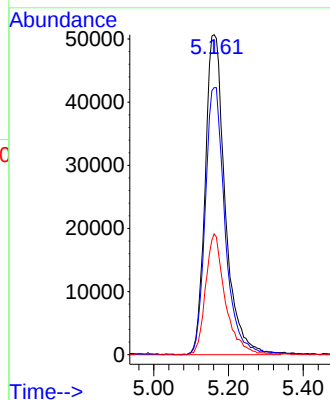
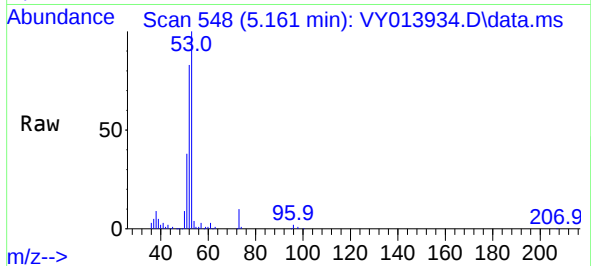




#15
Acrylonitrile
Concen: 220.913 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

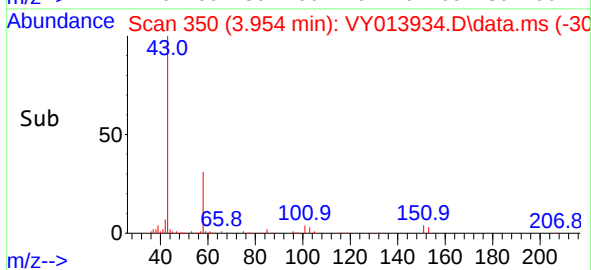
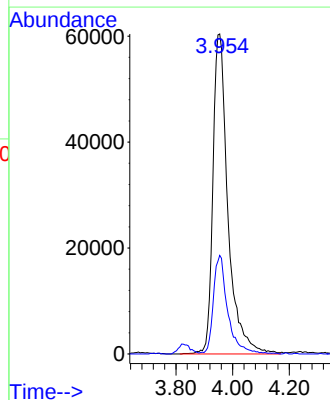
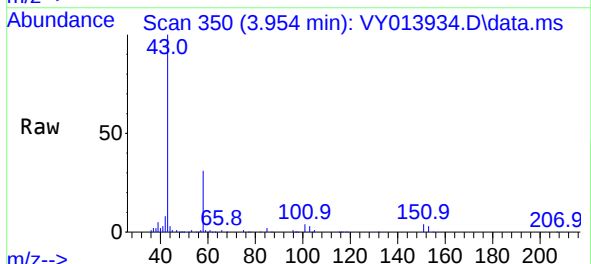
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

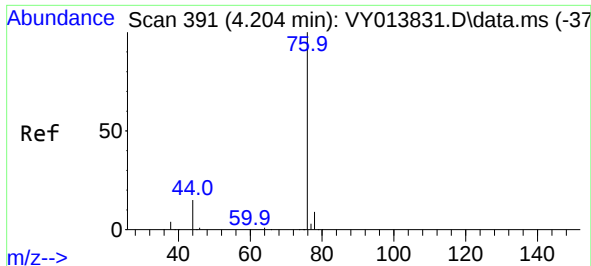
Tgt Ion: 53 Resp: 188241
Ion Ratio Lower Upper
53 100
52 83.0 67.2 100.8
51 37.2 30.2 45.2



#16
Acetone
Concen: 229.204 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 43 Resp: 222021
Ion Ratio Lower Upper
43 100
58 30.8 23.3 34.9

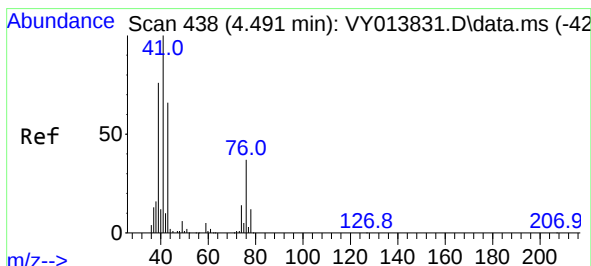
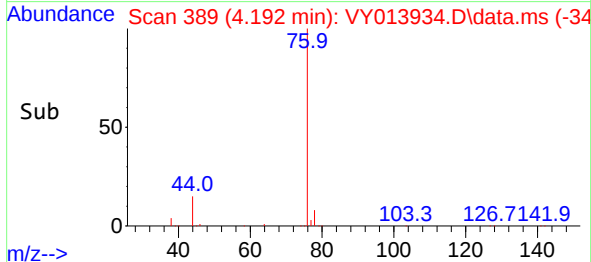
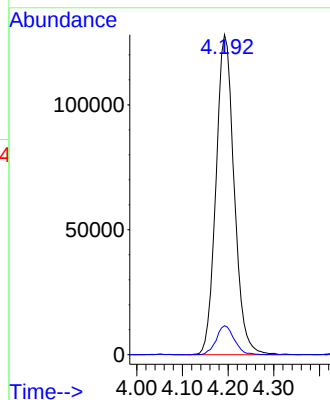
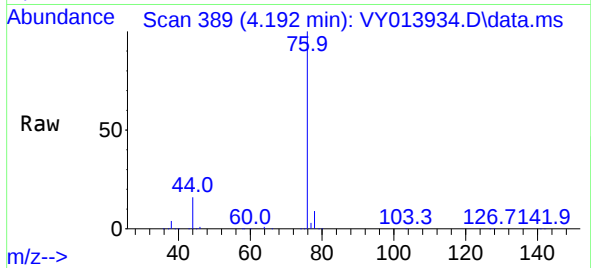




#17
Carbon Disulfide
Concen: 42.945 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

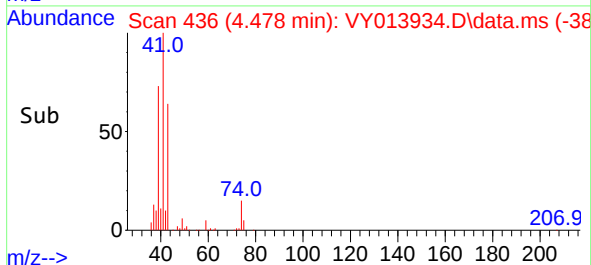
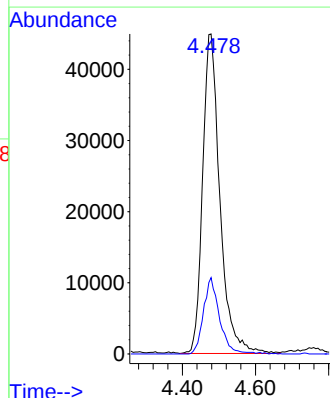
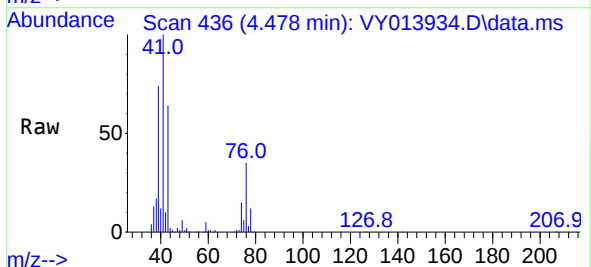
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

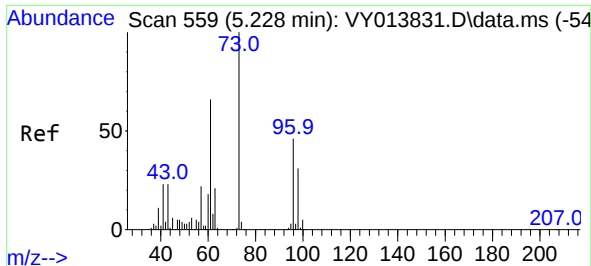
Tgt Ion: 76 Resp: 353734
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 43.750 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 43 Resp: 147023
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.0

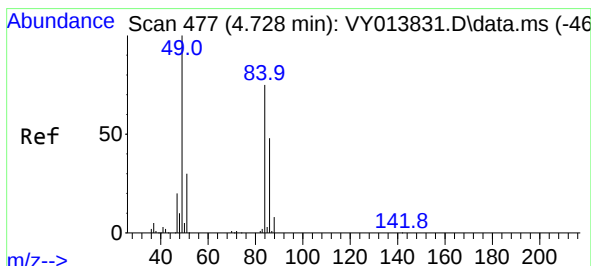
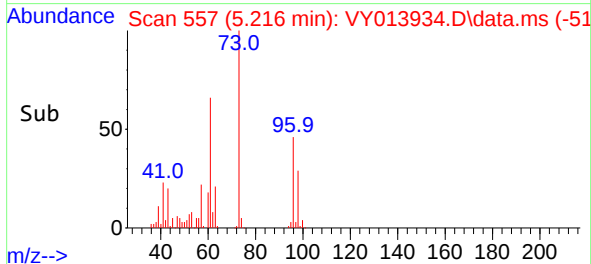
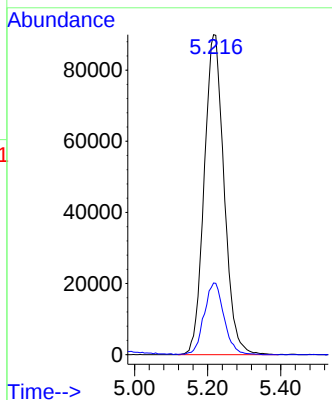
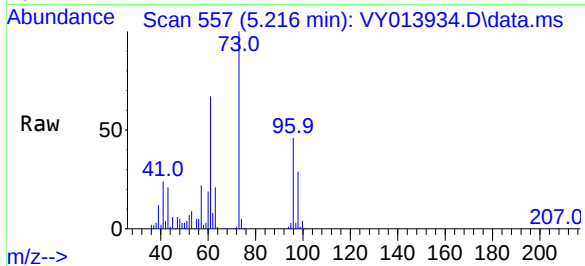




#19
Methyl tert-butyl Ether
Concen: 44.964 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

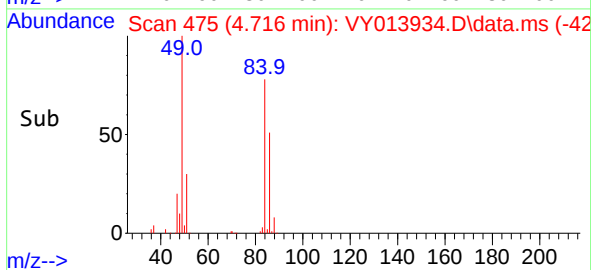
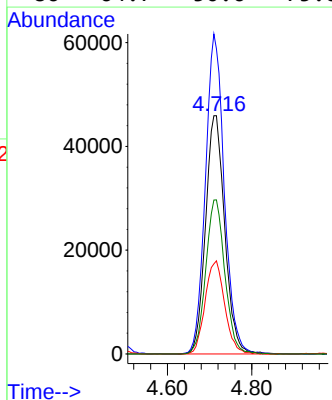
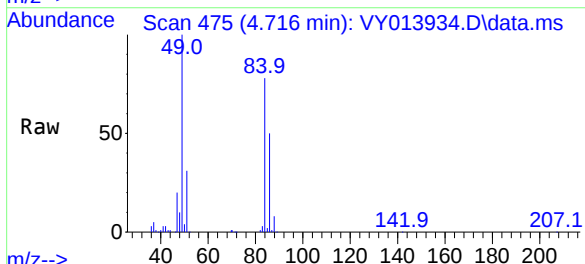
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

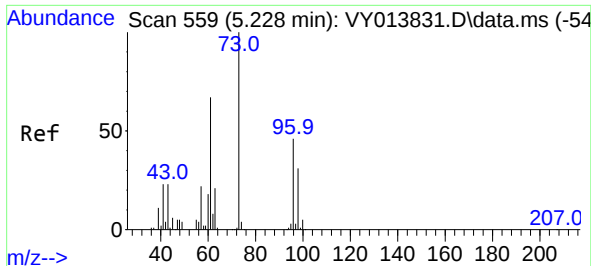
Tgt Ion: 73 Resp: 338611
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.2



#20
Methylene Chloride
Concen: 42.026 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 84 Resp: 145732
Ion Ratio Lower Upper
84 100
49 128.1 106.2 159.2
51 39.1 31.4 47.0
86 64.7 50.6 75.8

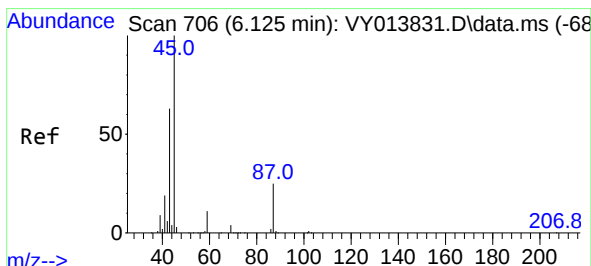
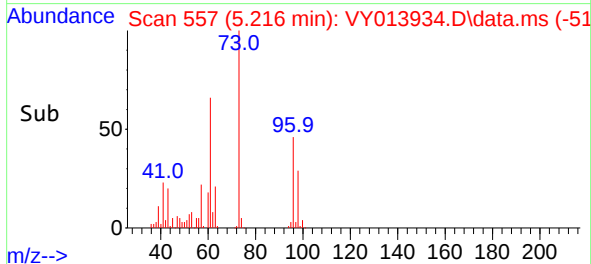
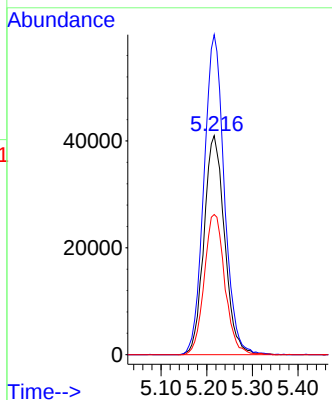
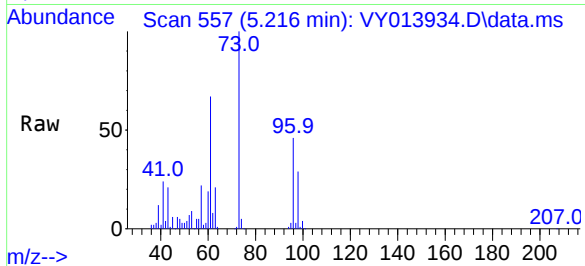




#21
trans-1,2-Dichloroethene
Concen: 42.826 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

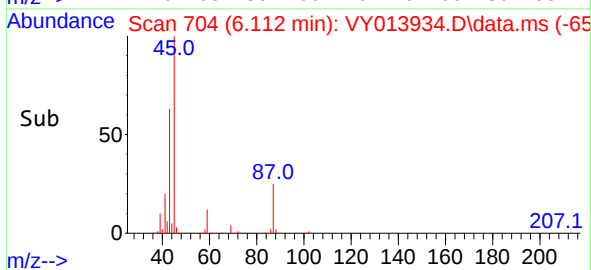
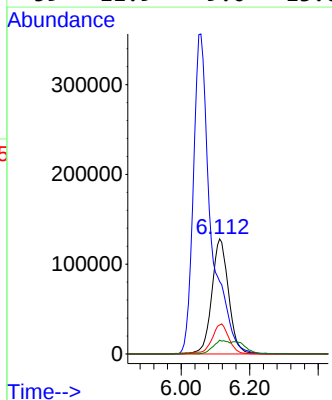
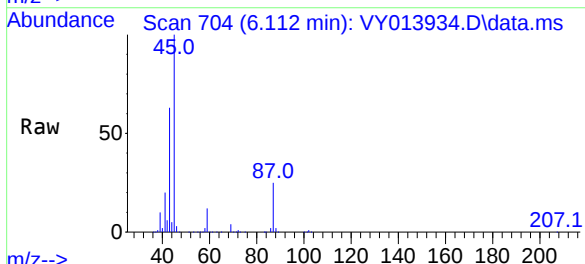
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

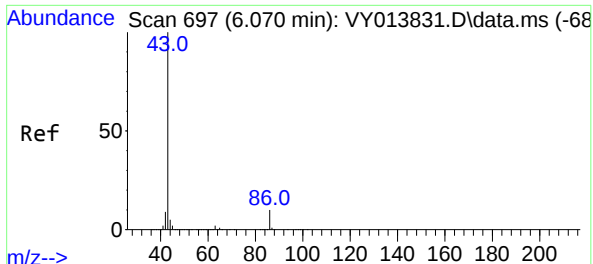
Tgt Ion: 96 Resp: 128464
Ion Ratio Lower Upper
96 100
61 146.1 115.5 173.3
98 63.9 53.7 80.5



#22
Diisopropyl ether
Concen: 44.552 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 45 Resp: 433352
Ion Ratio Lower Upper
45 100
43 62.8 50.6 75.8
87 25.2 20.7 31.1
59 11.9 9.0 13.6





#23

Vinyl Acetate

Concen: 224.545 ug/l

RT: 6.057 min Scan# 61

Delta R.T. -0.012 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

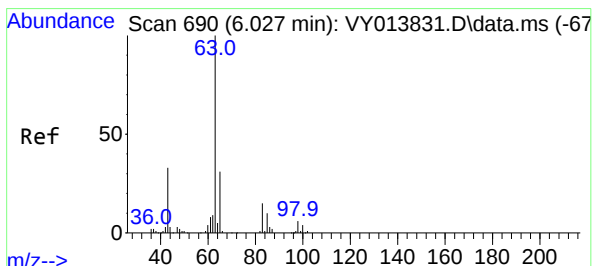
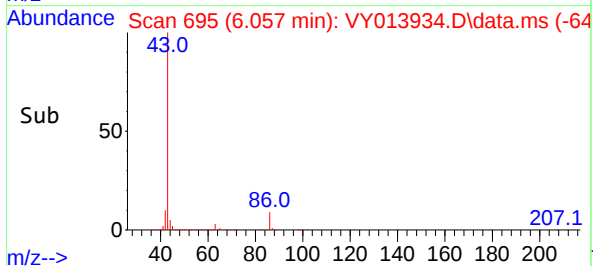
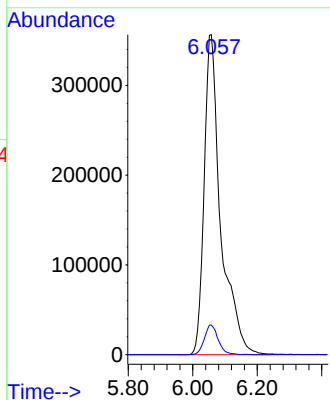
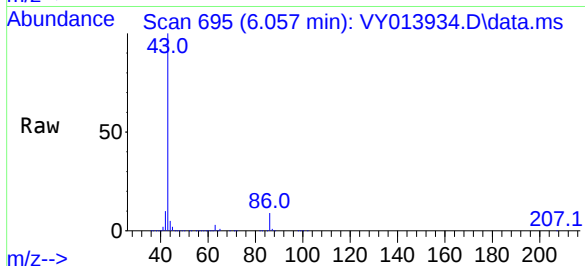
VSTDCCC050

Tgt Ion: 43 Resp: 1272113

Ion Ratio Lower Upper

43 100

86 9.2 7.6 11.4



#24

1,1-Dichloroethane

Concen: 42.830 ug/l

RT: 6.015 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

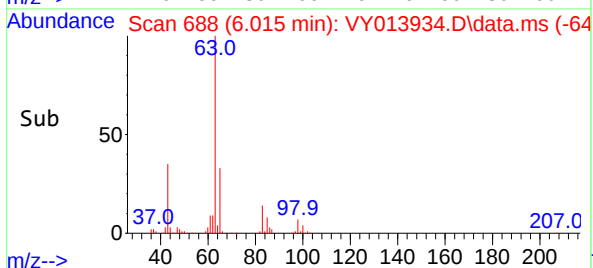
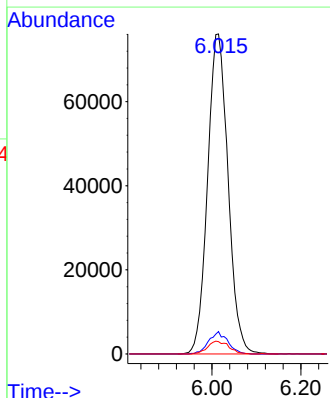
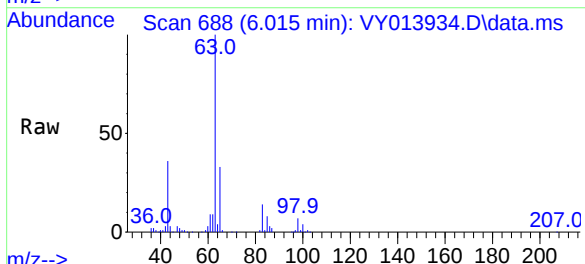
Tgt Ion: 63 Resp: 243210

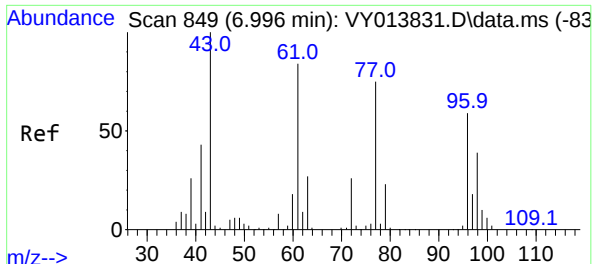
Ion Ratio Lower Upper

63 100

98 7.0 3.2 9.6

100 3.8 2.1 6.2

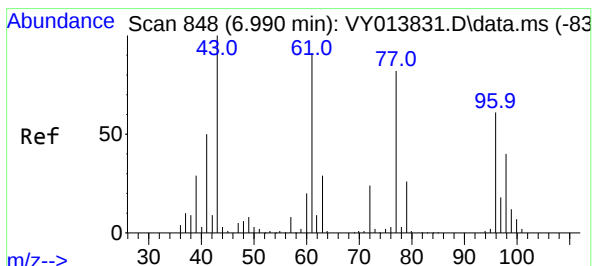
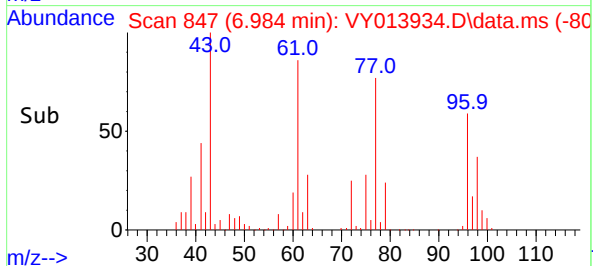
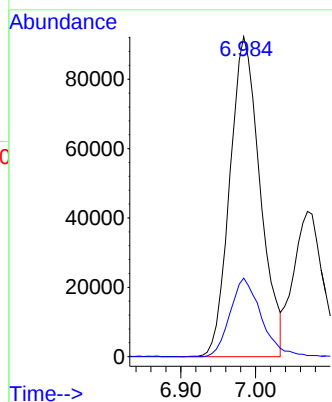
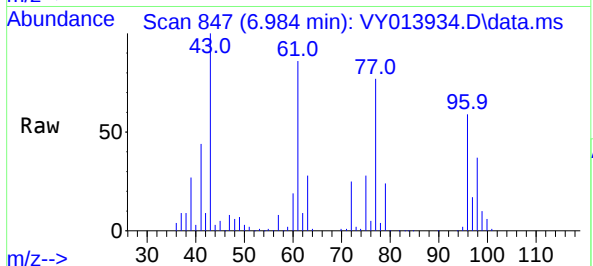




#25
2-Butanone
Concen: 220.304 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

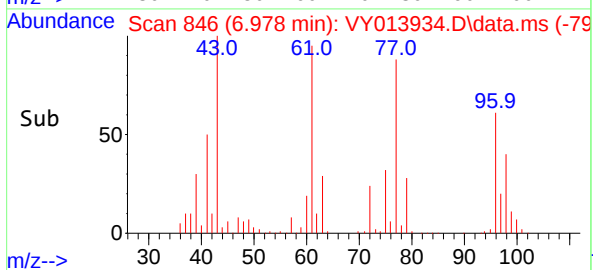
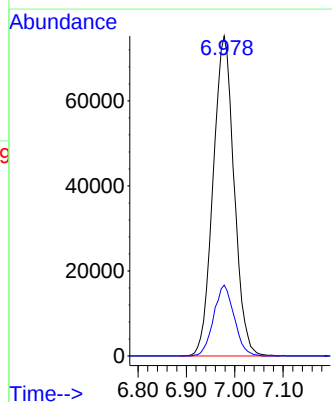
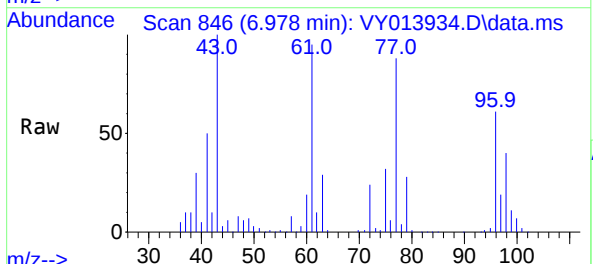
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

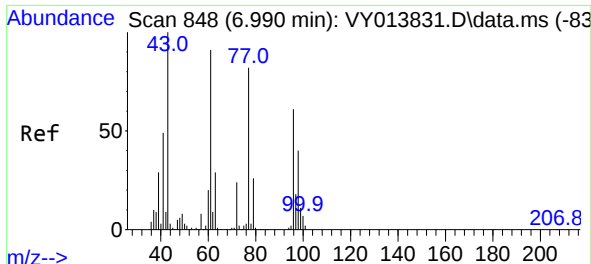
Tgt Ion: 43 Resp: 260398
Ion Ratio Lower Upper
43 100
72 24.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 44.334 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 77 Resp: 226769
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6

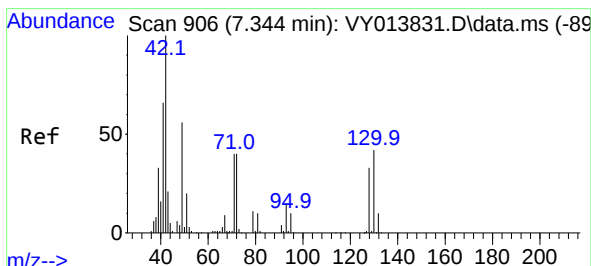
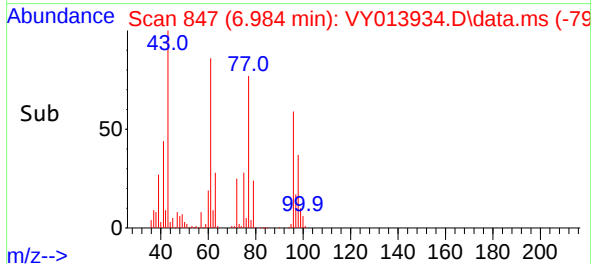
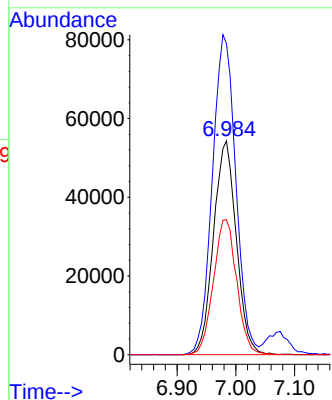
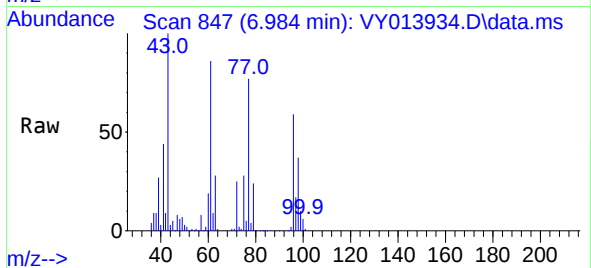




#27
cis-1,2-Dichloroethene
Concen: 43.518 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

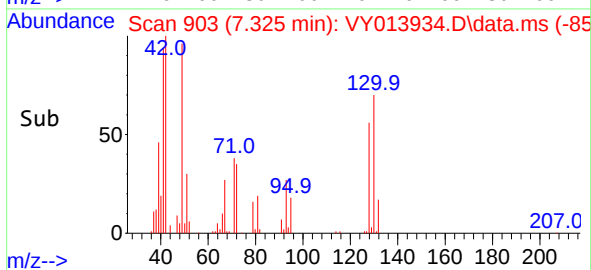
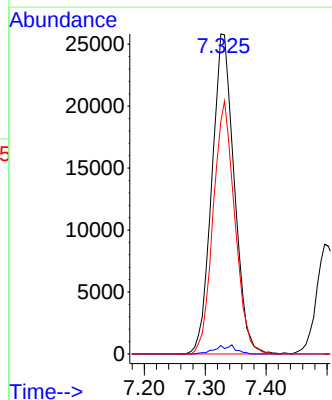
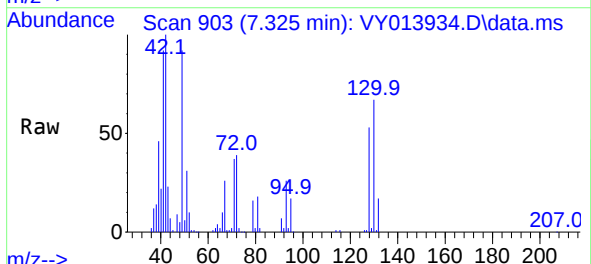
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

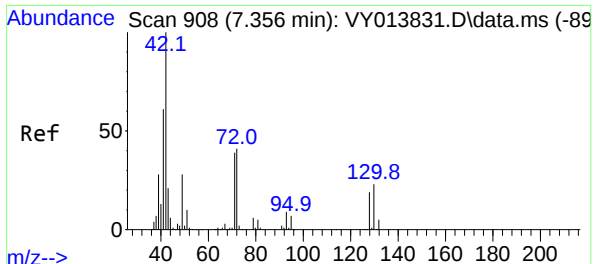
Tgt Ion: 96 Resp: 146644
Ion Ratio Lower Upper
96 100
61 153.7 0.0 296.4
98 64.4 0.0 129.4



#28
Bromochloromethane
Concen: 39.553 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 49 Resp: 65925
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.4
130 76.3 60.2 90.2

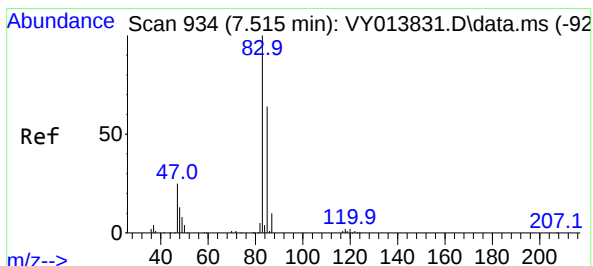
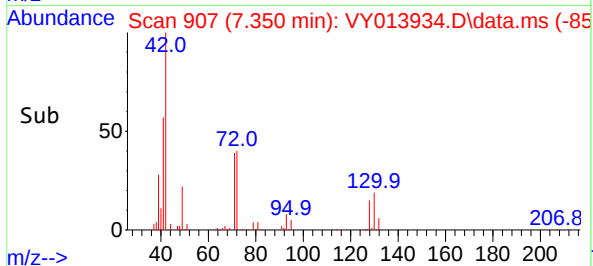
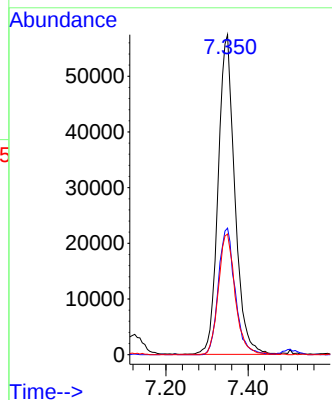
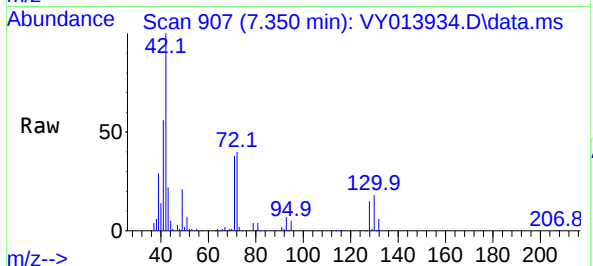




#29
Tetrahydrofuran
Concen: 228.617 ug/l
RT: 7.350 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

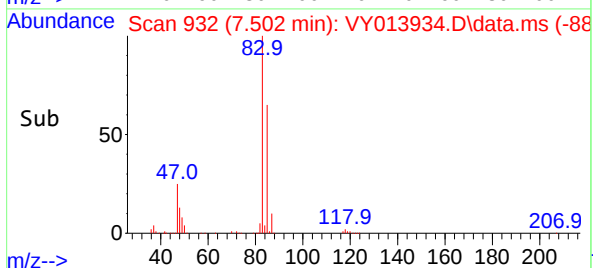
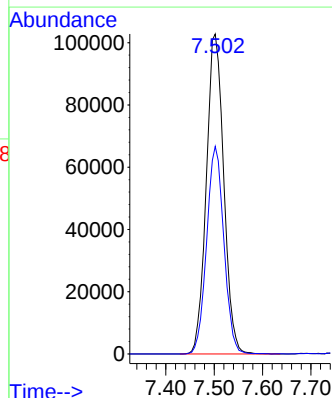
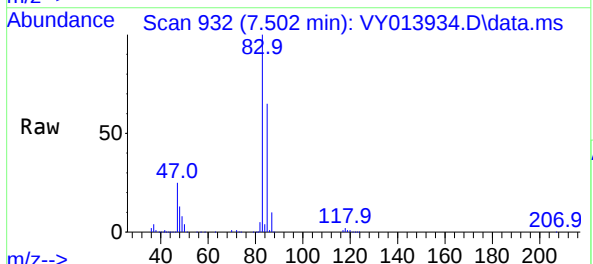
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

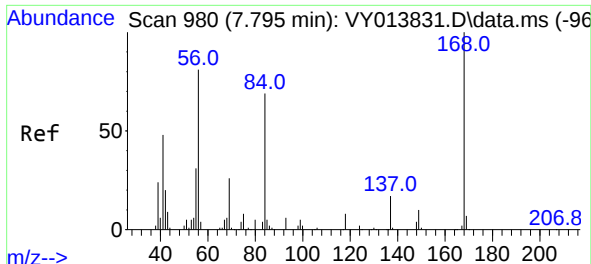
Tgt Ion: 42 Resp: 161336
Ion Ratio Lower Upper
42 100
72 39.8 31.7 47.5
71 38.1 30.6 45.8



#30
Chloroform
Concen: 44.703 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

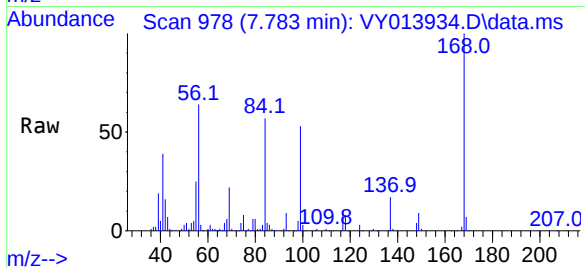
Tgt Ion: 83 Resp: 257360
Ion Ratio Lower Upper
83 100
85 64.9 51.0 76.6



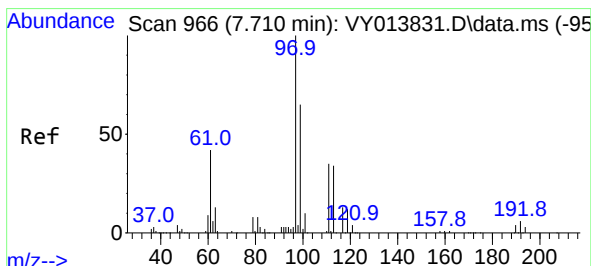
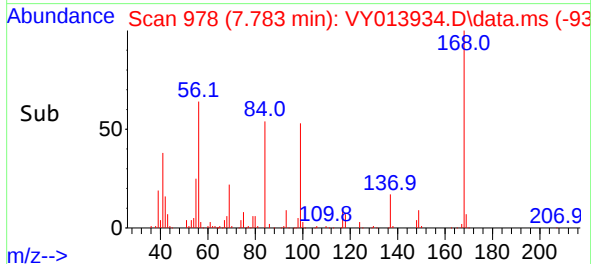
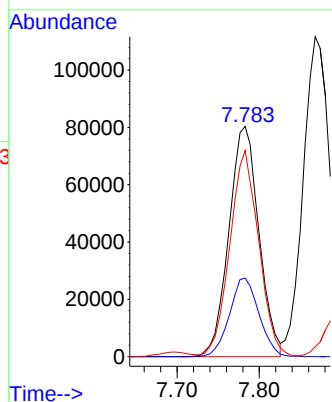


#31
Cyclohexane
Concen: 40.700 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

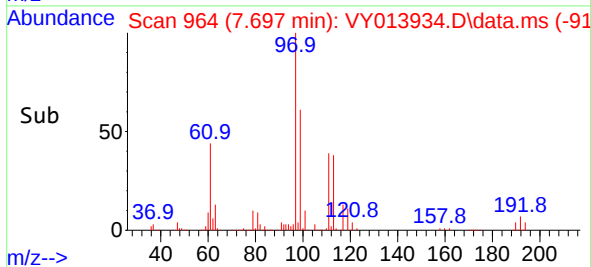
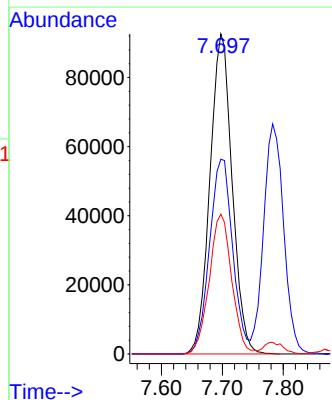
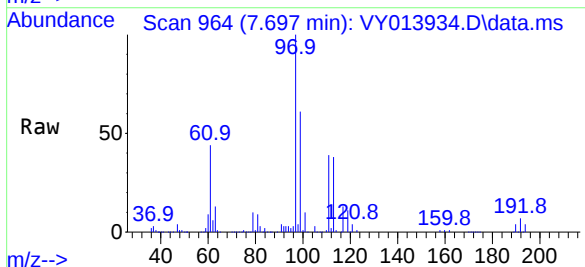


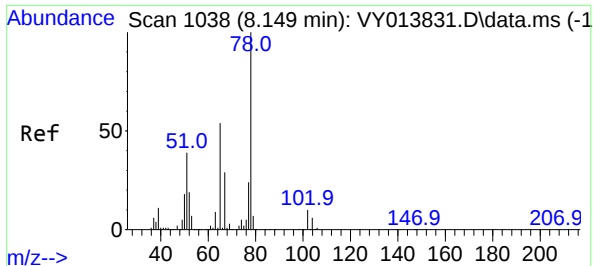
Tgt Ion: 56 Resp: 204085
Ion Ratio Lower Upper
56 100
69 34.1 25.8 38.8
84 87.7 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 44.656 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 97 Resp: 234533
Ion Ratio Lower Upper
97 100
99 63.8 50.5 75.7
61 44.4 35.0 52.4

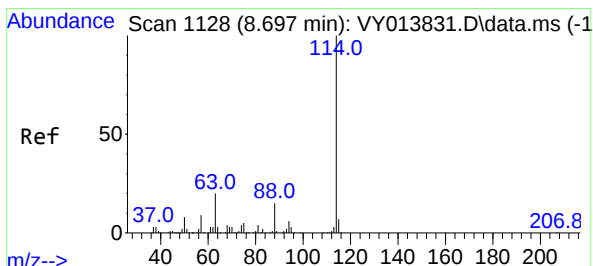
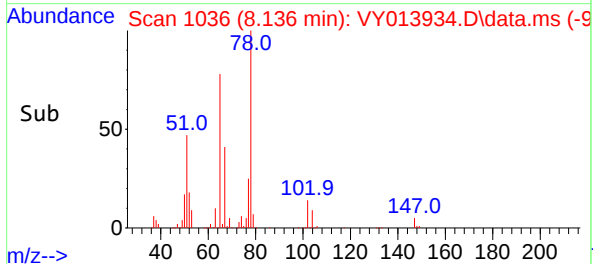
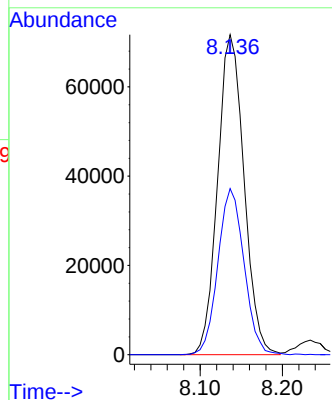
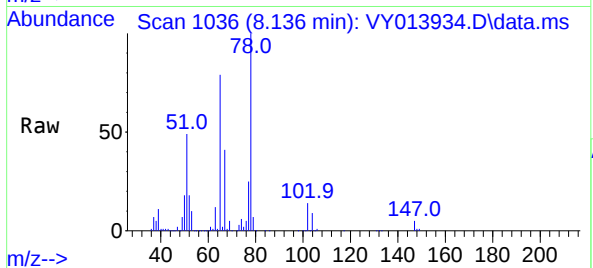




#33
1,2-Dichloroethane-d4
Concen: 49.036 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

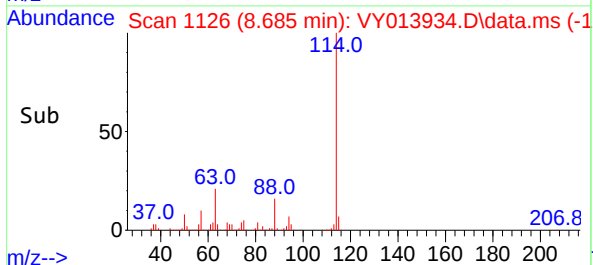
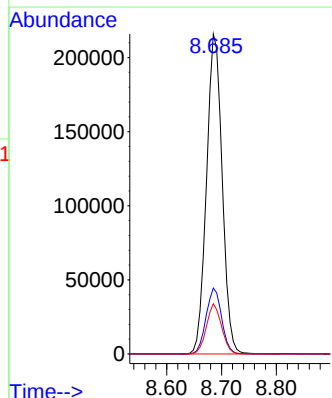
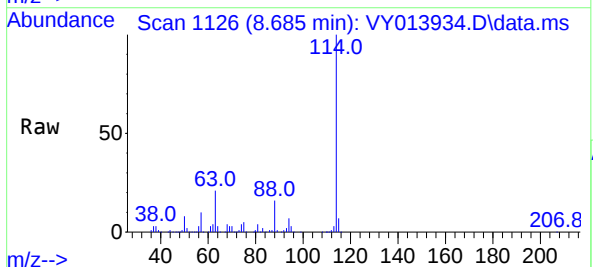
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

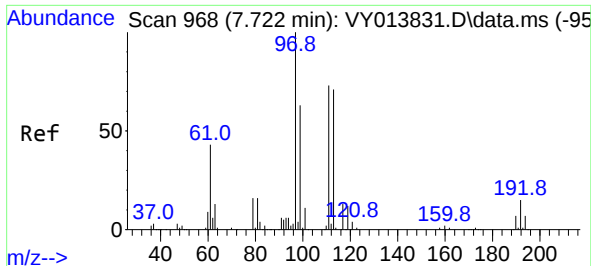
Tgt Ion: 65 Resp: 160039
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 114 Resp: 427613
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.2
88 15.7 0.0 30.0

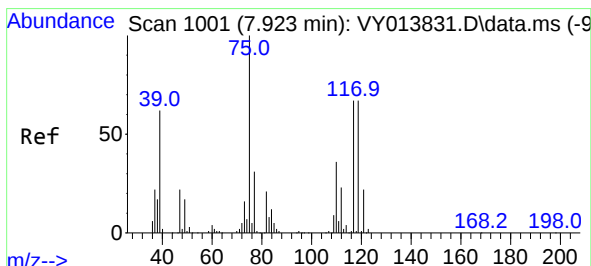
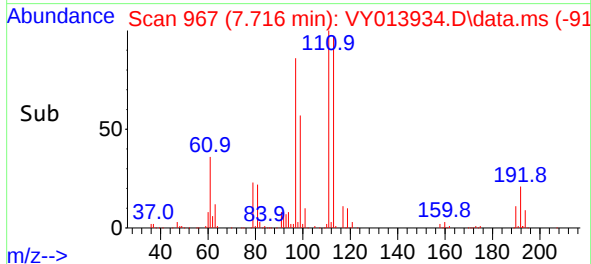
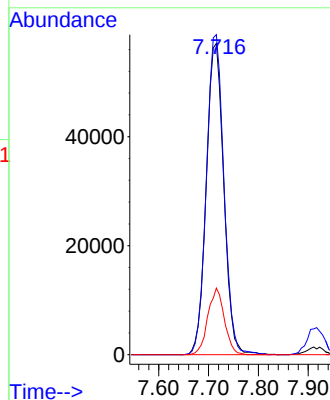
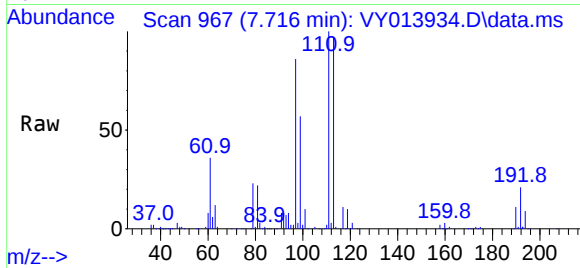




#35
Dibromofluoromethane
Concen: 50.405 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

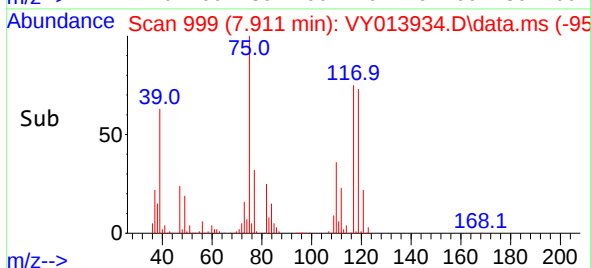
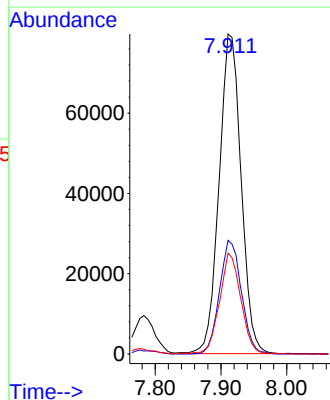
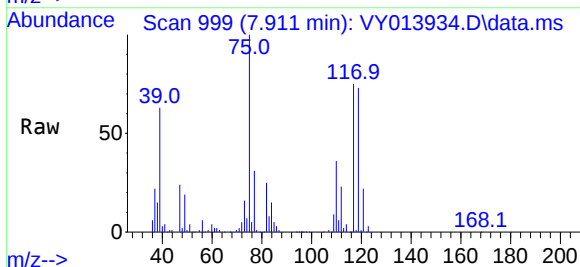
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

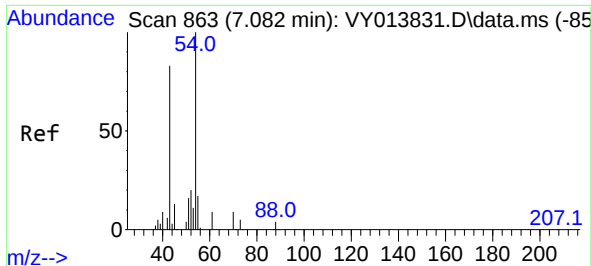
Tgt Ion:113 Resp: 139197
Ion Ratio Lower Upper
113 100
111 102.9 80.4 120.6
192 20.2 16.6 25.0



#36
1,1-Dichloropropene
Concen: 44.076 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 75 Resp: 185394
Ion Ratio Lower Upper
75 100
110 35.3 17.5 52.6
77 30.6 24.4 36.6

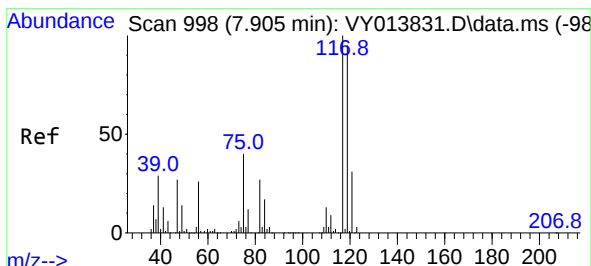
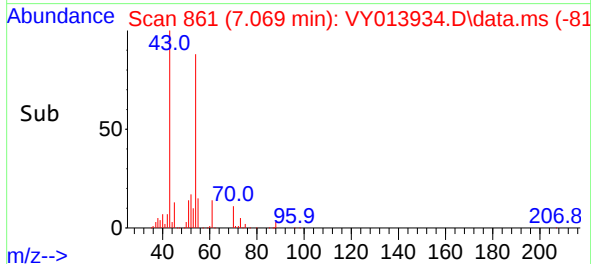
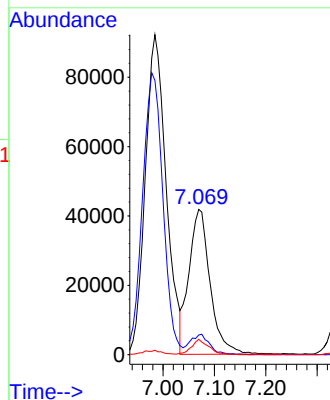
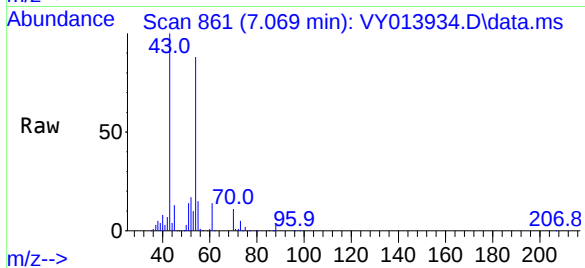




#37
Ethyl Acetate
Concen: 46.725 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

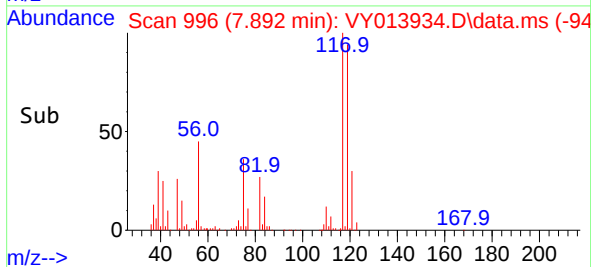
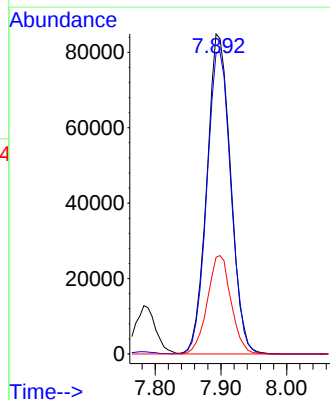
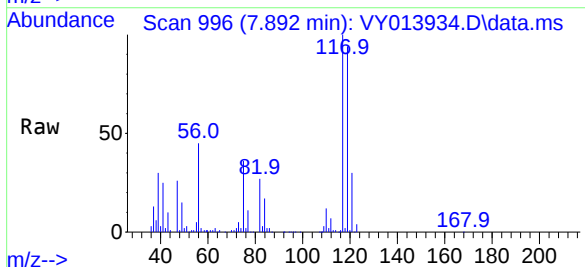
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

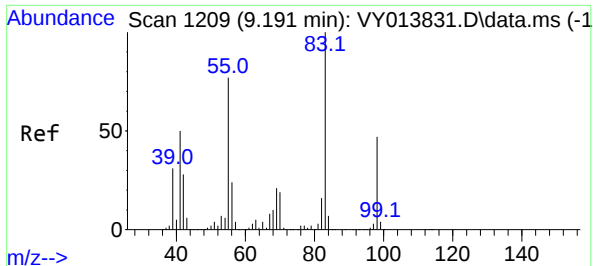
Tgt Ion: 43 Resp: 119883
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 8.6 6.9 10.3



#38
Carbon Tetrachloride
Concen: 44.696 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 117 Resp: 213801
Ion Ratio Lower Upper
117 100
119 94.0 75.6 113.4
121 30.2 24.8 37.2





#39

Methylcyclohexane

Concen: 43.202 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

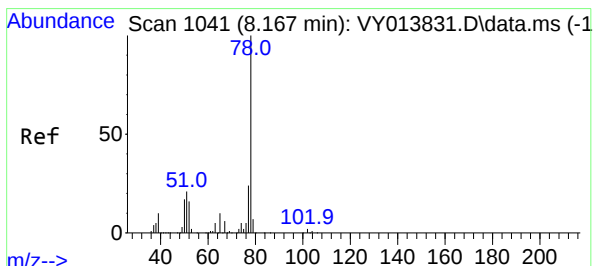
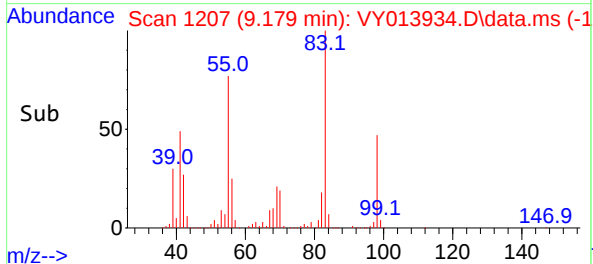
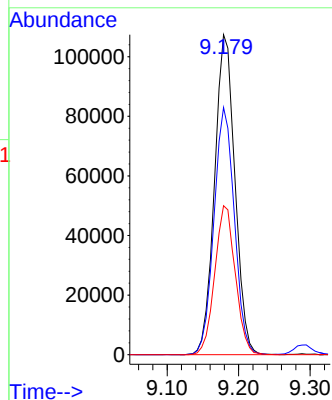
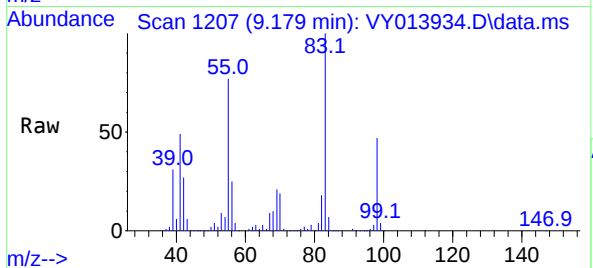
Tgt Ion: 83 Resp: 212810

Ion Ratio Lower Upper

83 100

55 77.2 61.6 92.4

98 46.6 38.0 57.0



#40

Benzene

Concen: 44.511 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VY013934.D

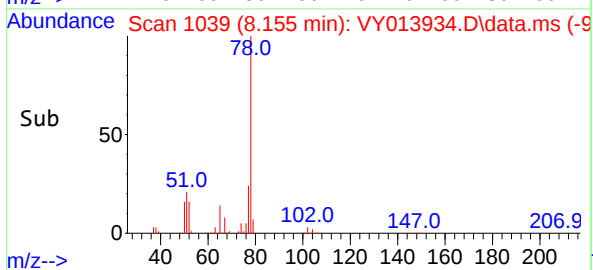
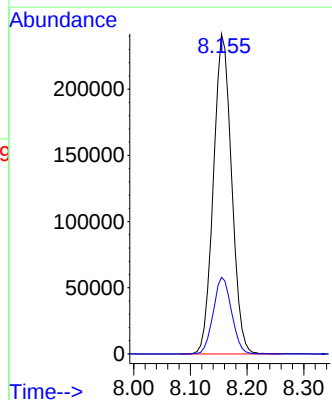
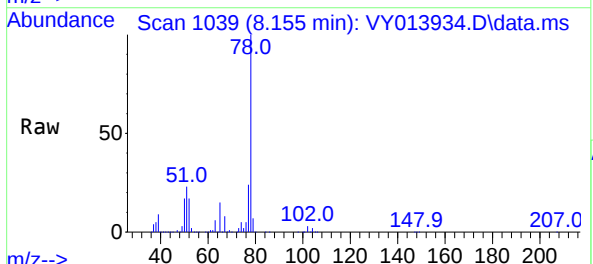
Acq: 31 May 2023 14:07

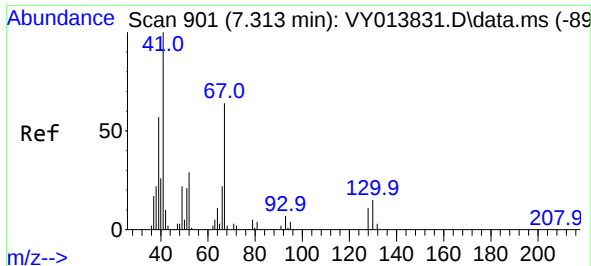
Tgt Ion: 78 Resp: 537742

Ion Ratio Lower Upper

78 100

77 24.0 19.5 29.3

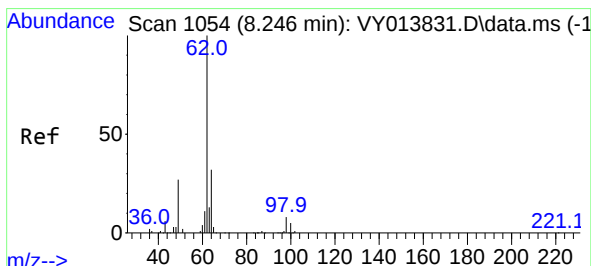
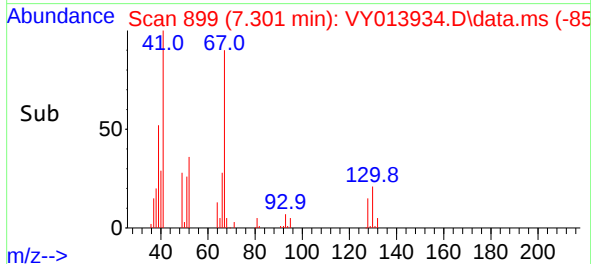
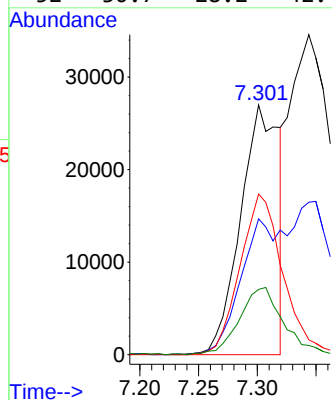
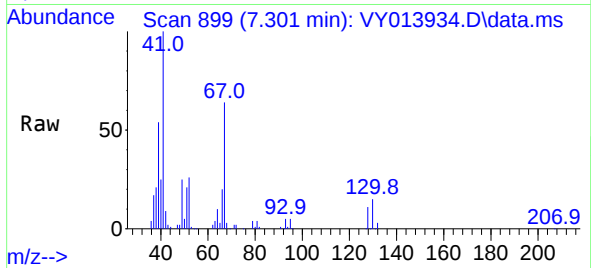




#41
Methacrylonitrile
Concen: 43.958 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

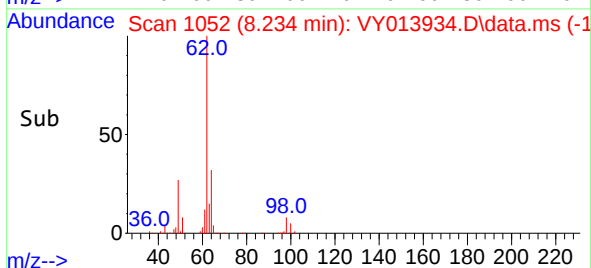
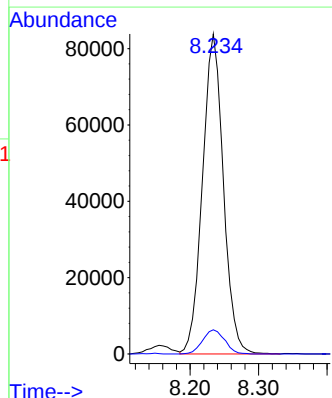
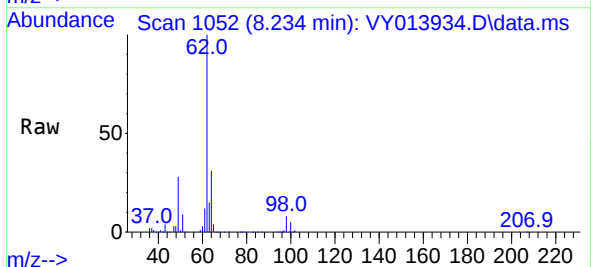
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

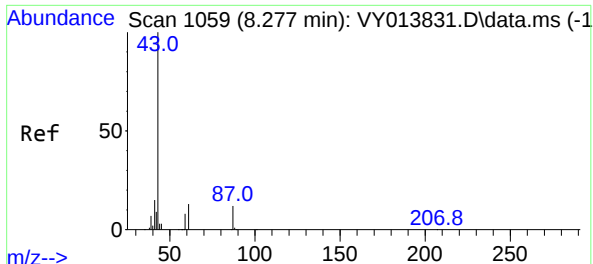
Tgt Ion: 41 Resp: 61537
Ion Ratio Lower Upper
41 100
39 46.3 44.1 66.1
67 72.3 63.7 95.5
52 30.7 28.2 42.4



#42
1,2-Dichloroethane
Concen: 45.025 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 62 Resp: 178099
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.8





#43

Isopropyl Acetate

Concen: 44.691 ug/l

RT: 8.270 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

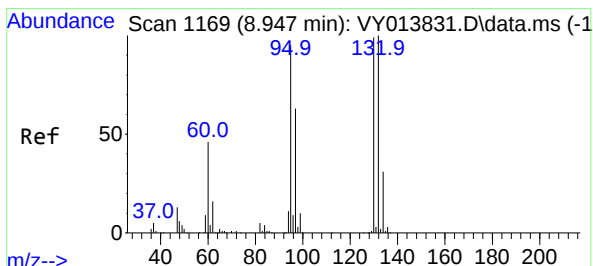
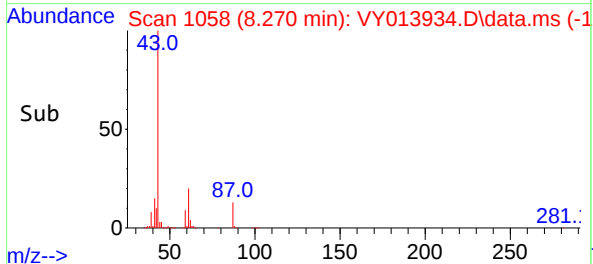
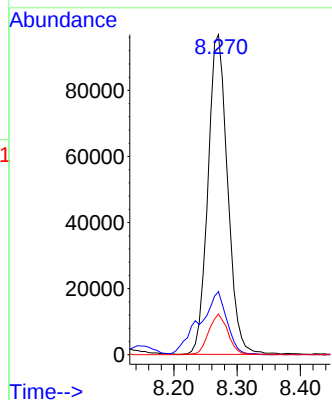
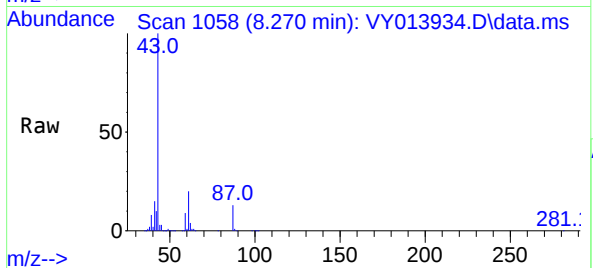
Tgt Ion: 43 Resp: 208953

Ion Ratio Lower Upper

43 100

61 27.5 21.1 31.7

87 12.5 9.8 14.6



#44

Trichloroethene

Concen: 43.501 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.012 min

Lab File: VY013934.D

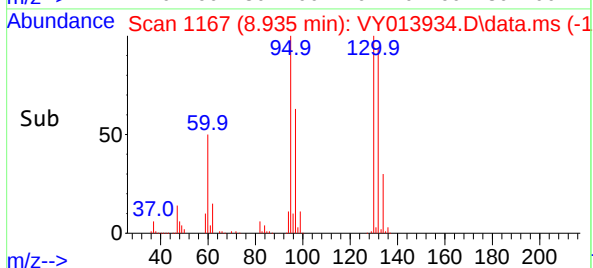
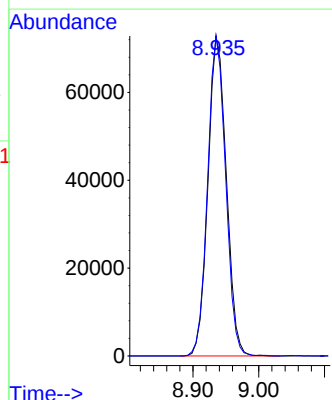
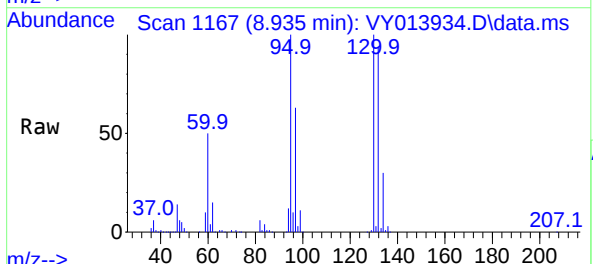
Acq: 31 May 2023 14:07

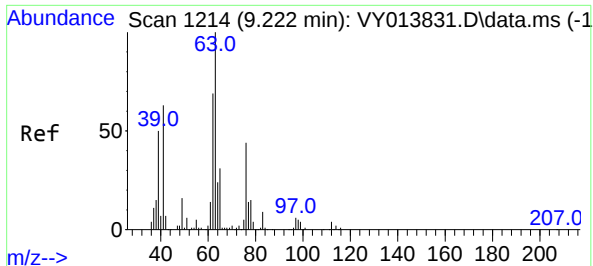
Tgt Ion:130 Resp: 141586

Ion Ratio Lower Upper

130 100

95 99.9 0.0 192.8





#45

1,2-Dichloropropane

Concen: 44.142 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.012 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

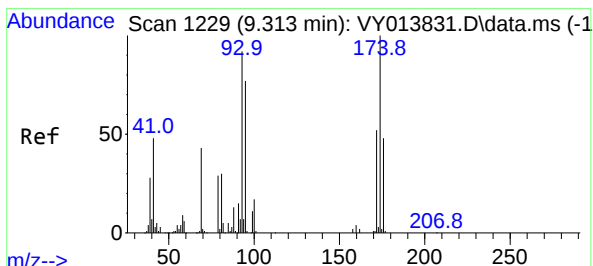
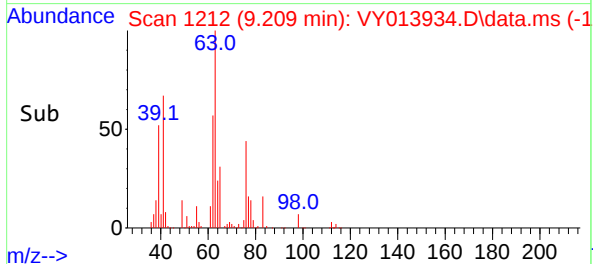
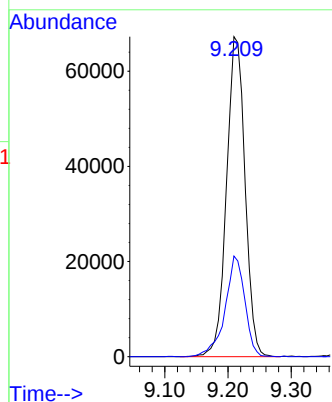
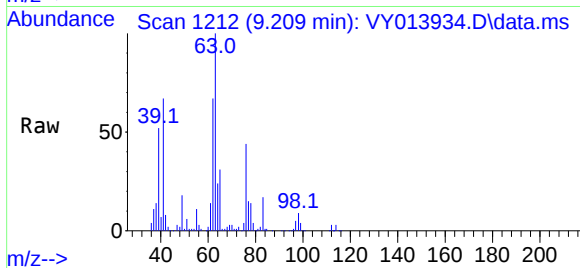
VSTDCCC050

Tgt Ion: 63 Resp: 136613

Ion Ratio Lower Upper

63 100

65 31.5 24.7 37.1



#46

Dibromomethane

Concen: 44.321 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

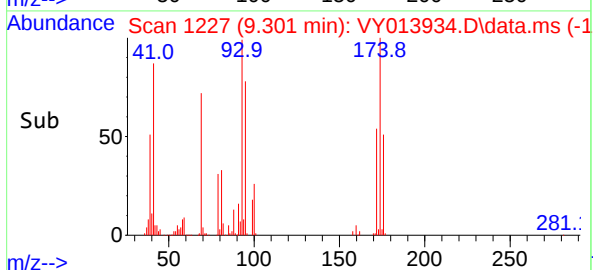
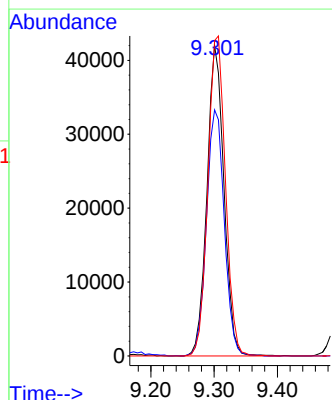
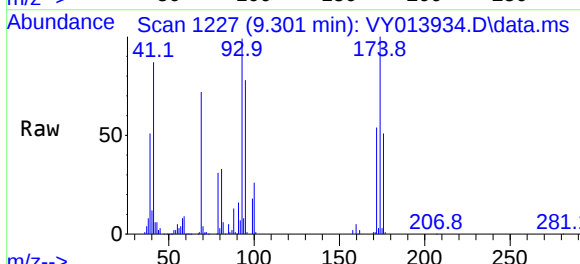
Tgt Ion: 93 Resp: 78556

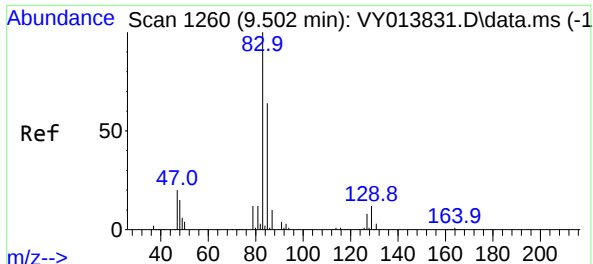
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 106.1 83.9 125.9





#47

Bromodichloromethane

Concen: 45.315 ug/l

RT: 9.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

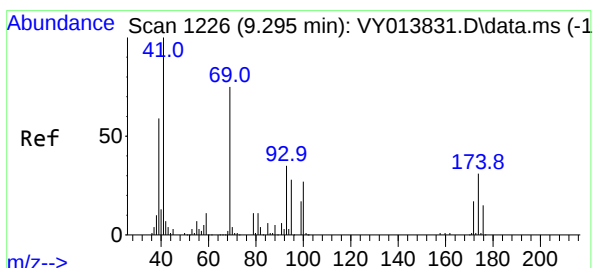
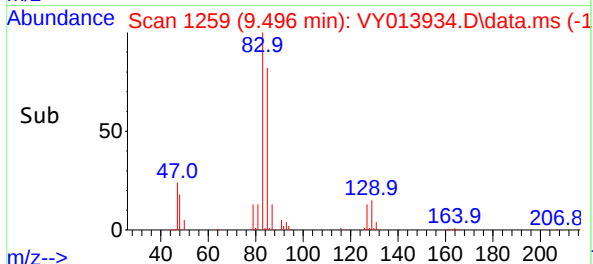
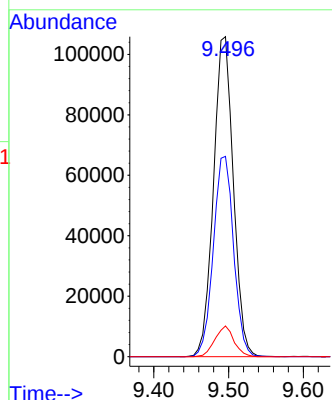
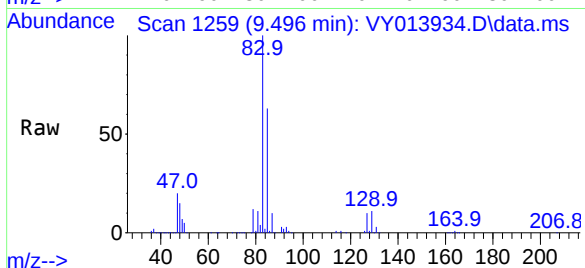
Tgt Ion: 83 Resp: 195736

Ion Ratio Lower Upper

83 100

85 62.6 51.5 77.3

127 9.6 6.6 10.0



#48

Methyl methacrylate

Concen: 46.060 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

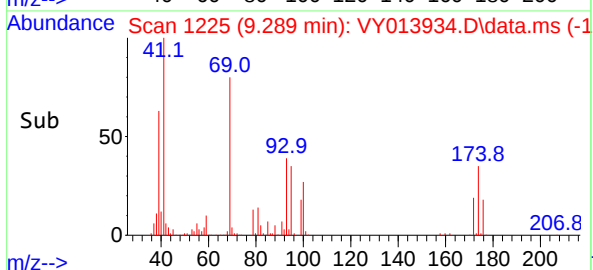
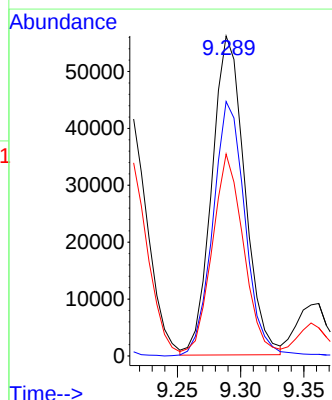
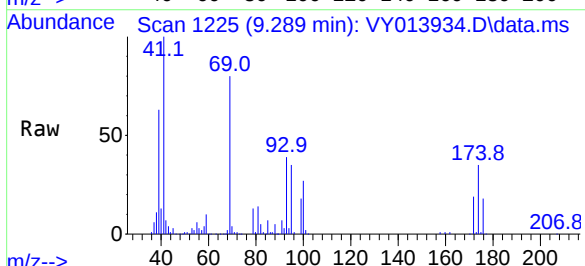
Tgt Ion: 41 Resp: 101124

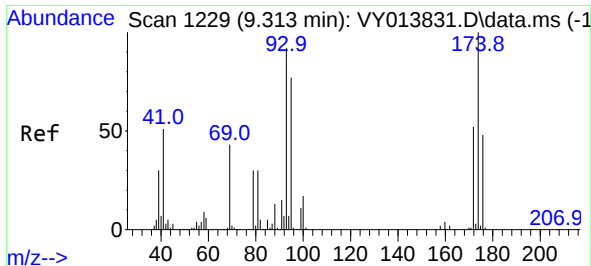
Ion Ratio Lower Upper

41 100

69 78.6 62.0 93.0

39 58.4 45.7 68.5

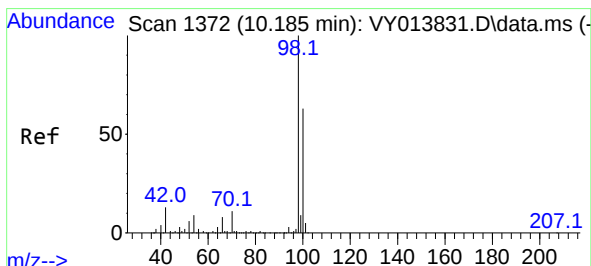
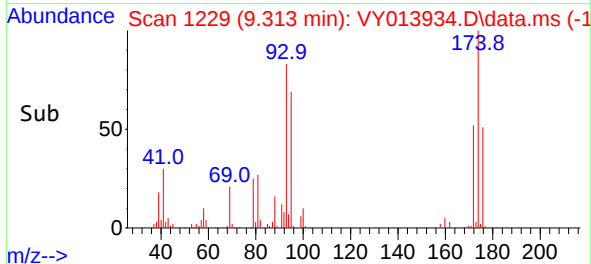
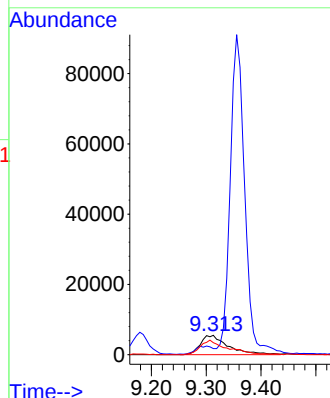
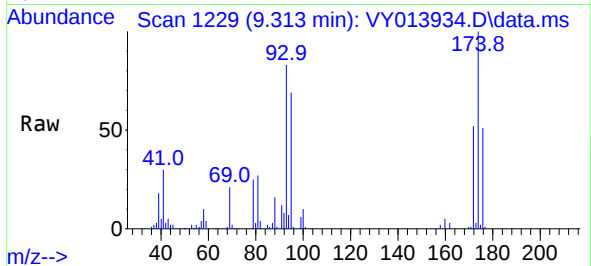




#49
1,4-Dioxane
Concen: 933.957 ug/l
RT: 9.313 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

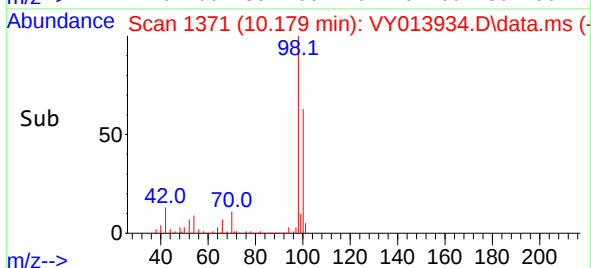
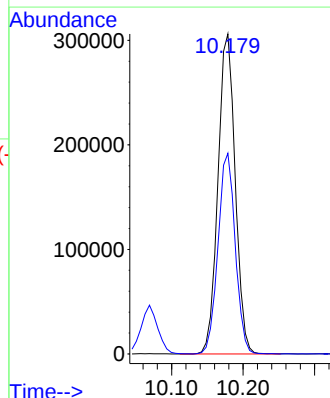
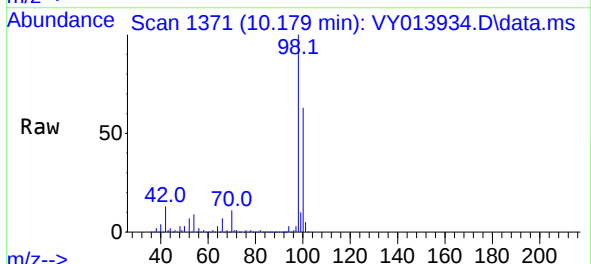
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

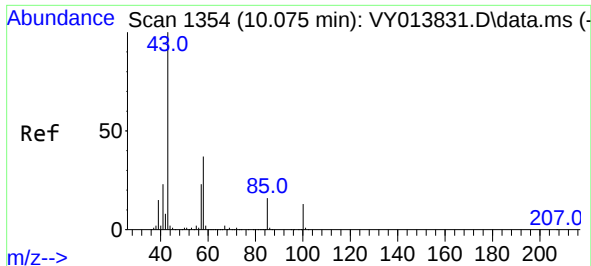
Tgt Ion: 88 Resp: 19455
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.6 59.0 88.6



#50
Toluene-d8
Concen: 48.810 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 98 Resp: 512293
Ion Ratio Lower Upper
98 100
100 62.8 50.8 76.2

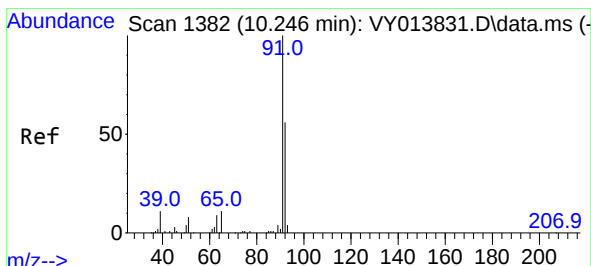
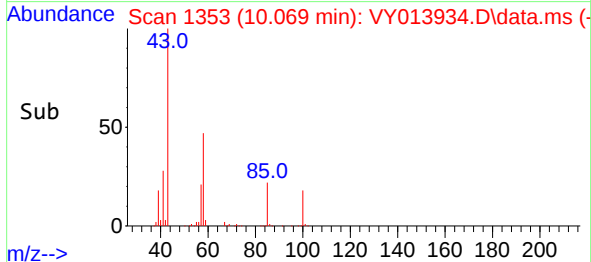
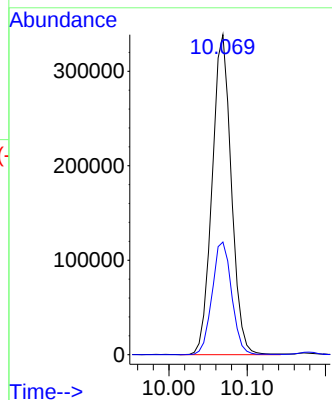
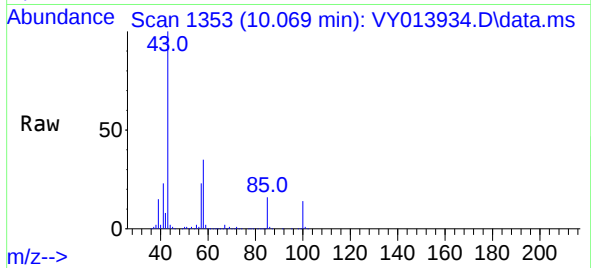




#51
4-Methyl-2-Pentanone
Concen: 231.171 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

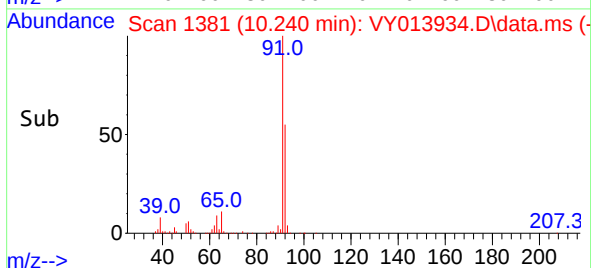
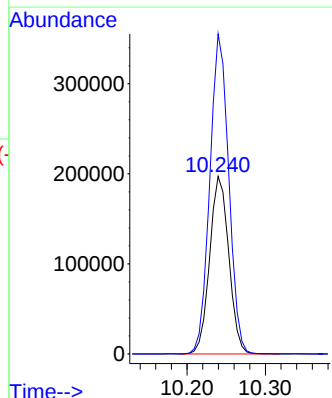
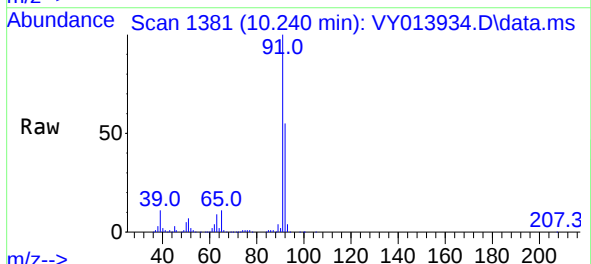
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

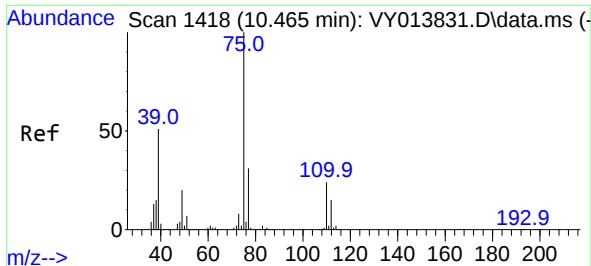
Tgt Ion: 43 Resp: 575994
Ion Ratio Lower Upper
43 100
58 36.0 29.1 43.7



#52
Toluene
Concen: 45.409 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 92 Resp: 334489
Ion Ratio Lower Upper
92 100
91 177.9 142.2 213.4

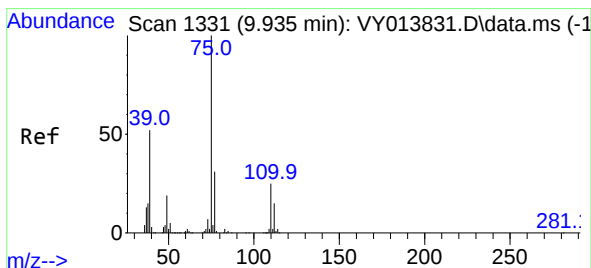
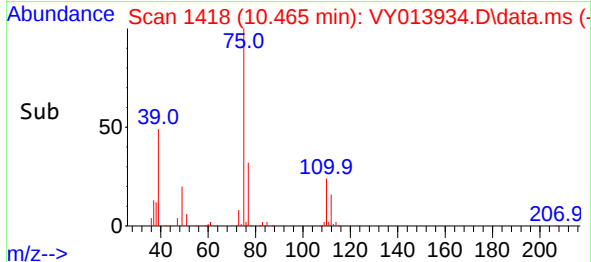
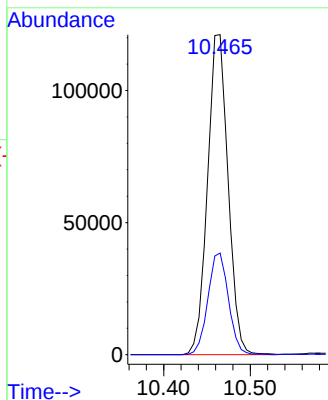
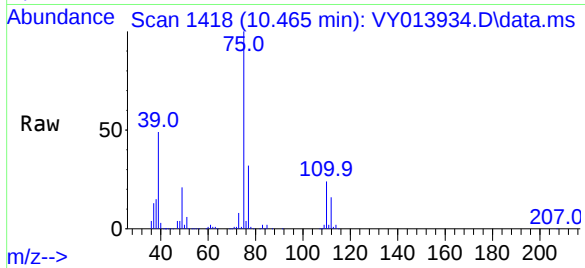




#53
t-1,3-Dichloropropene
Concen: 45.492 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

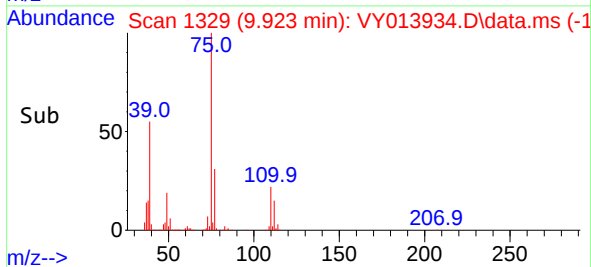
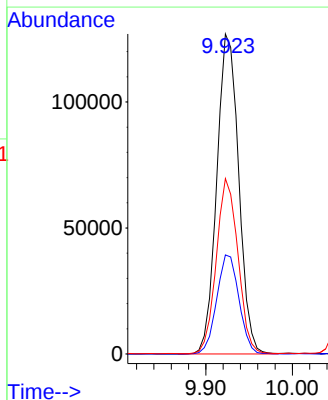
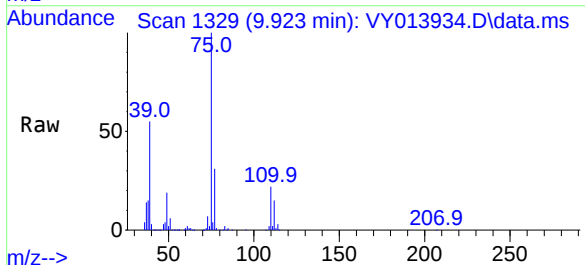
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

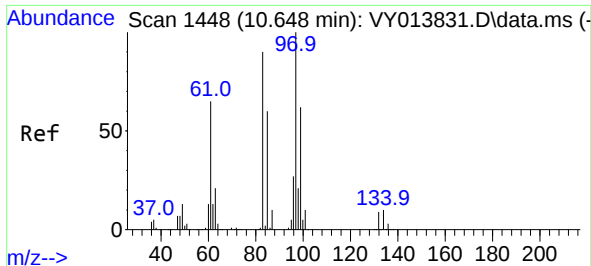
Tgt Ion: 75 Resp: 200024
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 45.334 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.012 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 75 Resp: 223305
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 54.7 41.8 62.8





#55

1,1,2-Trichloroethane

Concen: 45.770 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 109141

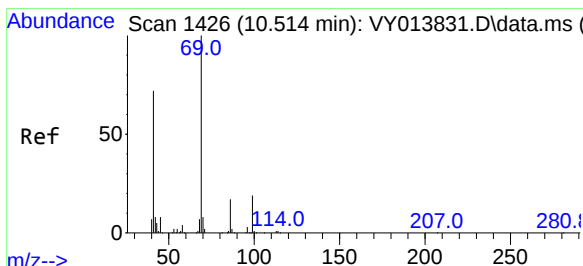
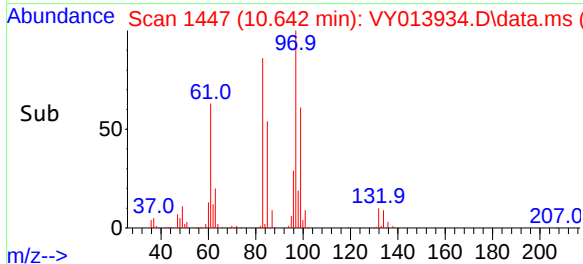
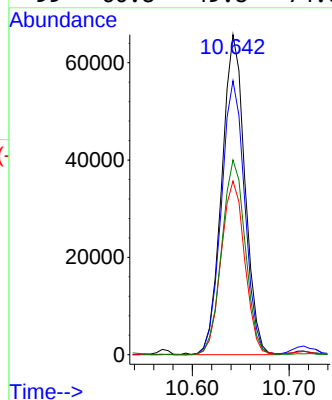
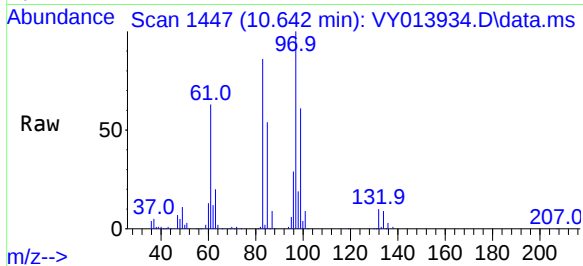
Ion Ratio Lower Upper

97 100

83 85.5 71.9 107.9

85 54.3 47.6 71.4

99 60.8 49.8 74.6



#56

Ethyl methacrylate

Concen: 46.725 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

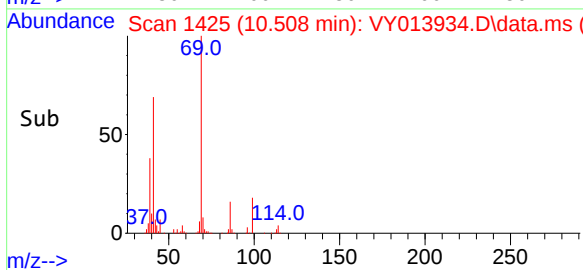
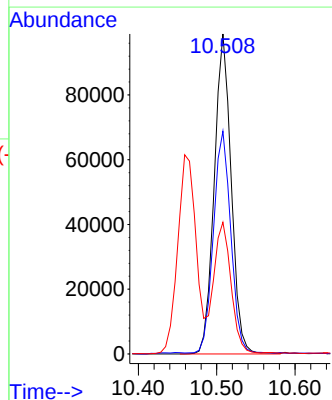
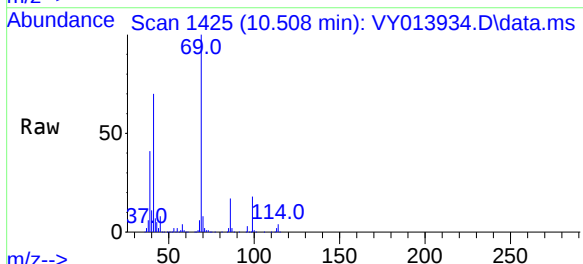
Tgt Ion: 69 Resp: 148729

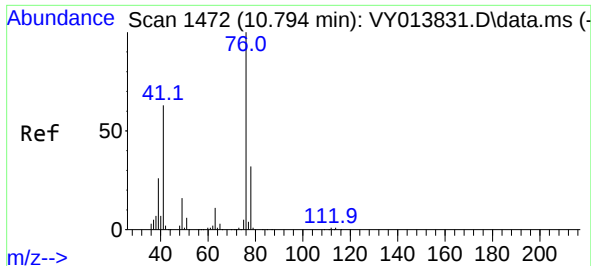
Ion Ratio Lower Upper

69 100

41 71.0 57.8 86.6

39 41.9 33.9 50.9





#57

1,3-Dichloropropane

Concen: 45.501 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

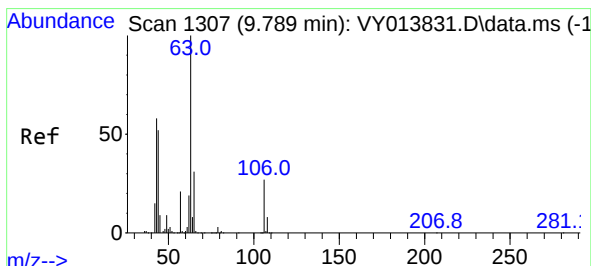
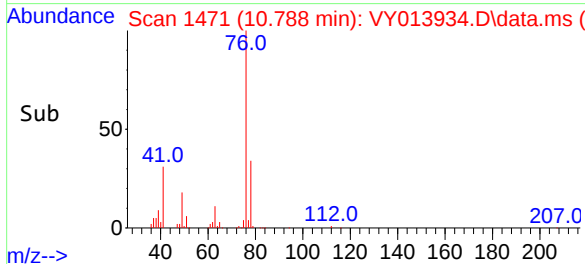
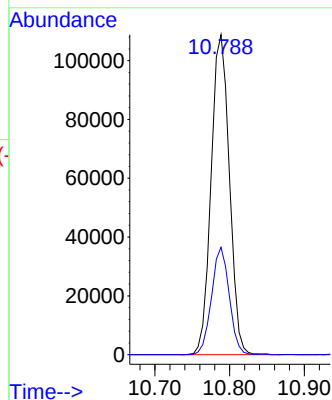
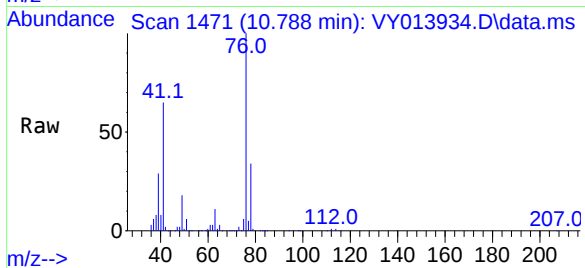
VSTDCCC050

Tgt Ion: 76 Resp: 184782

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 209.221 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY013934.D

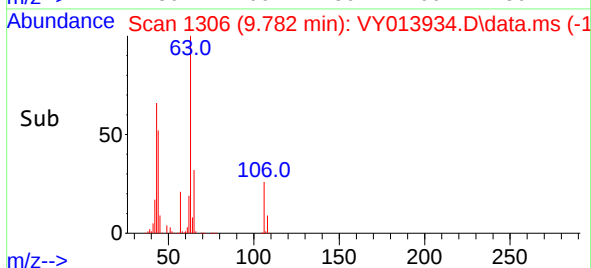
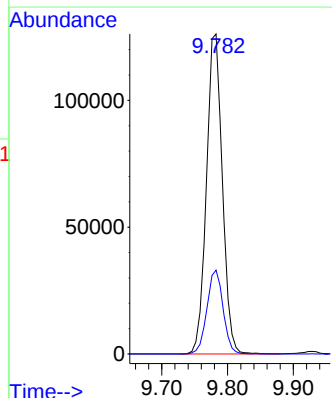
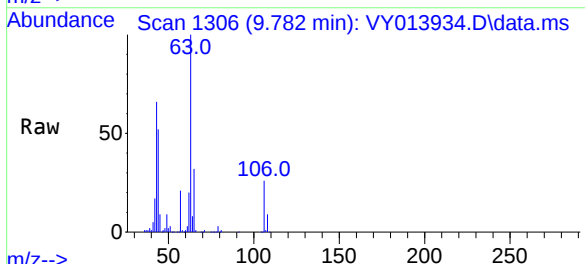
Acq: 31 May 2023 14:07

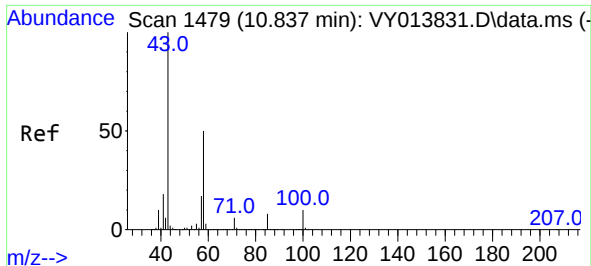
Tgt Ion: 63 Resp: 212495

Ion Ratio Lower Upper

63 100

106 26.6 21.3 31.9

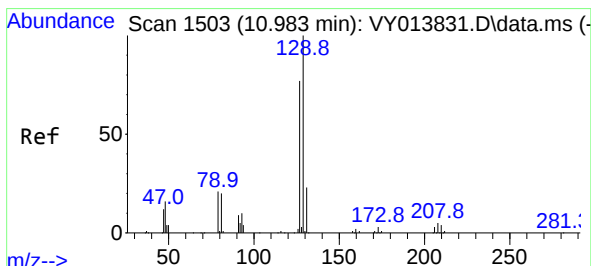
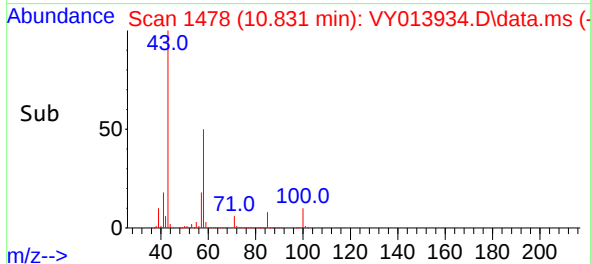
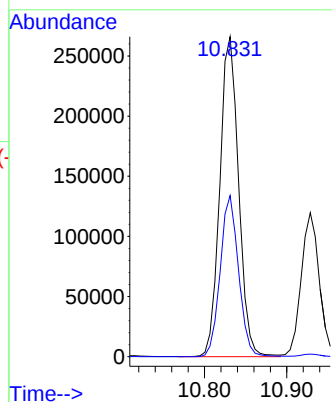
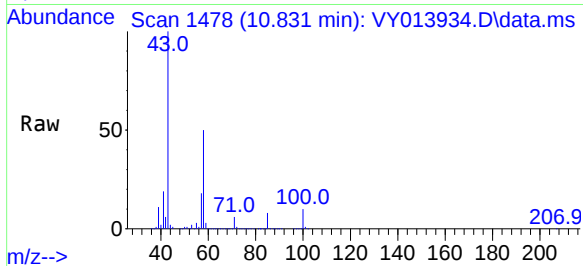




#59
2-Hexanone
Concen: 238.174 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

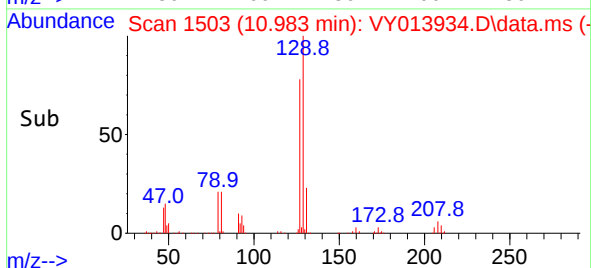
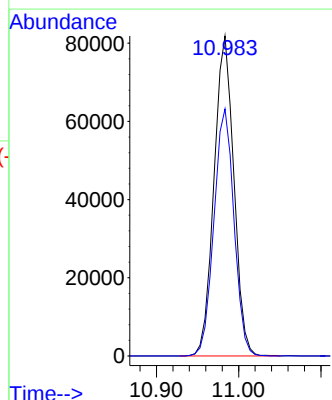
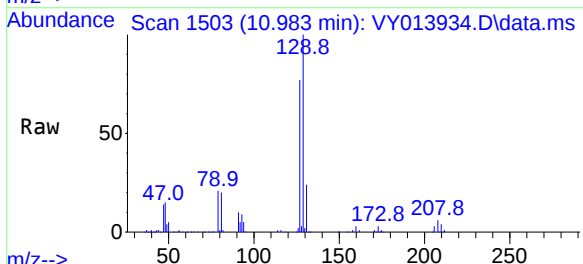
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

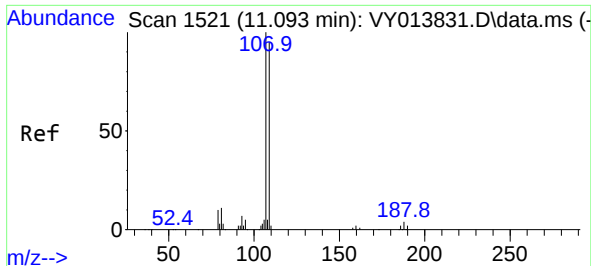
Tgt Ion: 43 Resp: 422125
Ion Ratio Lower Upper
43 100
58 49.1 24.8 74.3



#60
Dibromochloromethane
Concen: 45.444 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 129 Resp: 137077
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0

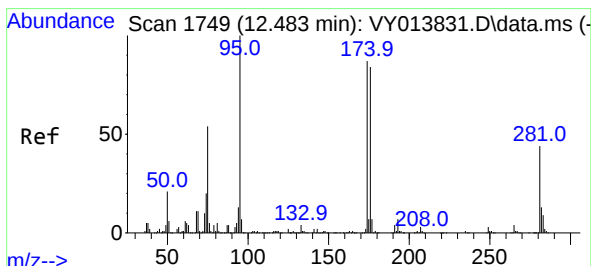
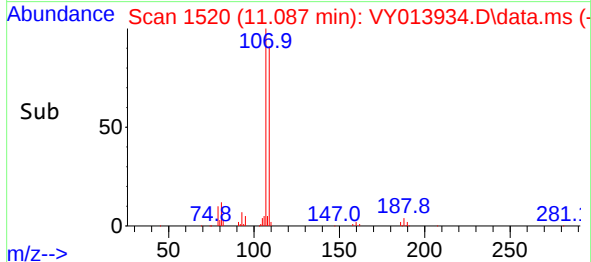
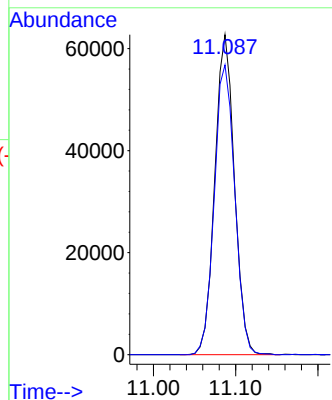
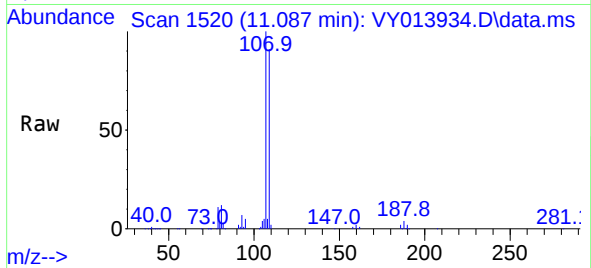




#61
1,2-Dibromoethane
Concen: 45.928 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

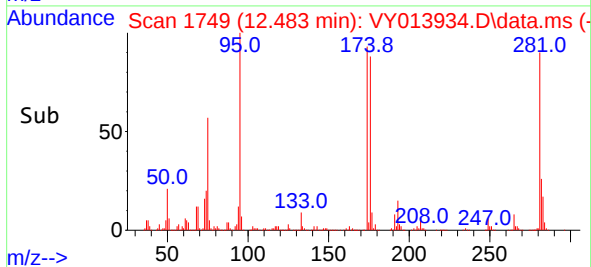
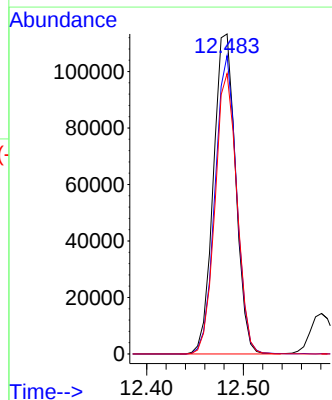
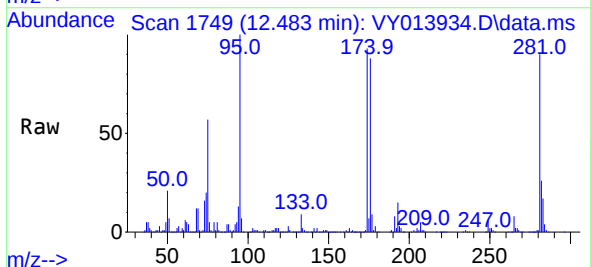
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

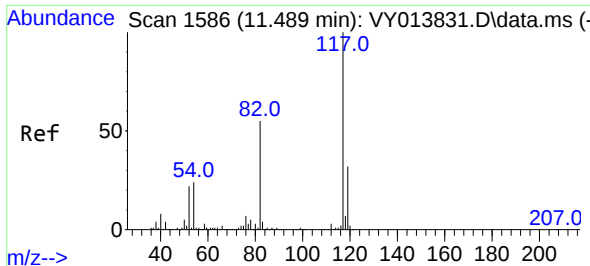
Tgt Ion:107 Resp: 104183
Ion Ratio Lower Upper
107 100
109 94.5 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 51.785 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 95 Resp: 180668
Ion Ratio Lower Upper
95 100
174 90.1 0.0 176.0
176 86.2 0.0 170.2

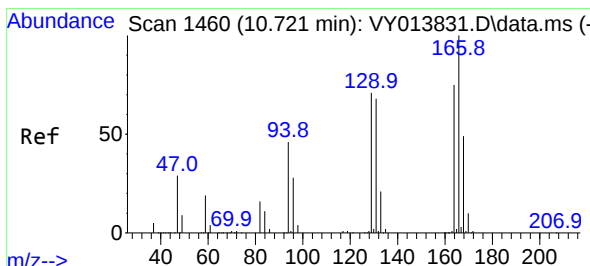
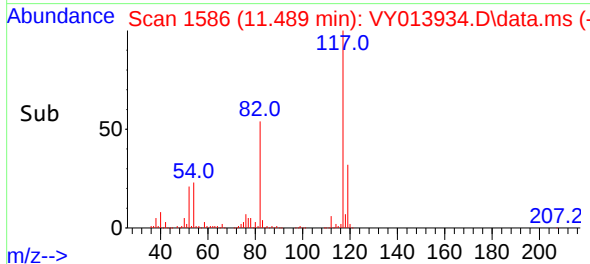
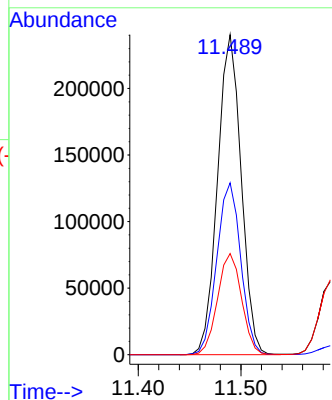
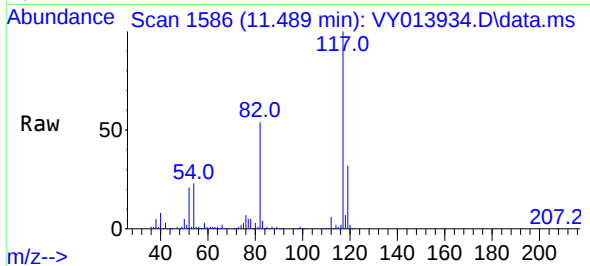




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

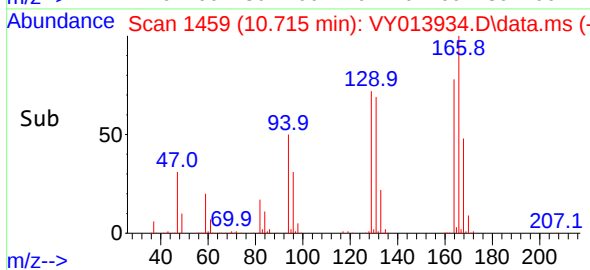
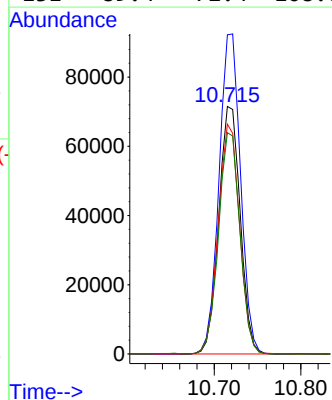
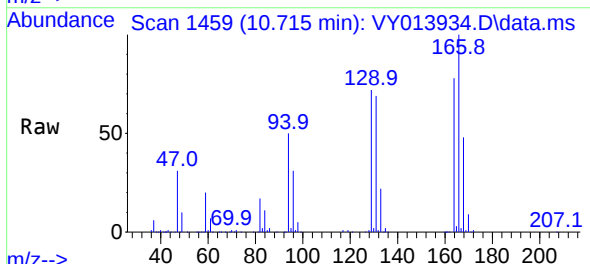
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

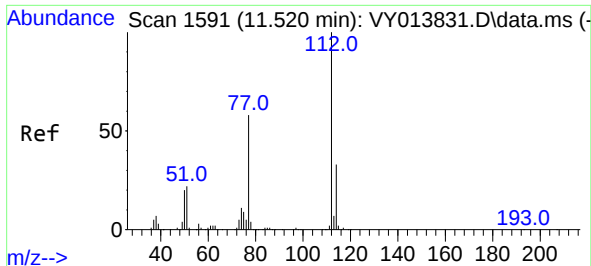
Tgt Ion:117 Resp: 384078
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.4
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 43.455 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion:164 Resp: 123489
Ion Ratio Lower Upper
164 100
166 129.0 106.2 159.2
129 92.9 75.4 113.0
131 89.4 72.4 108.6

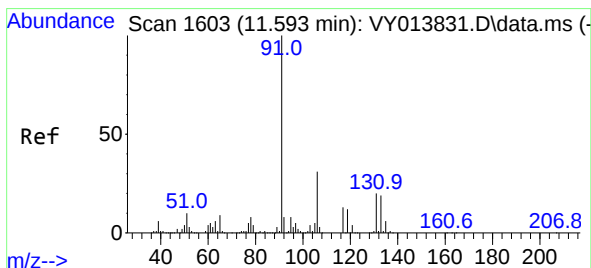
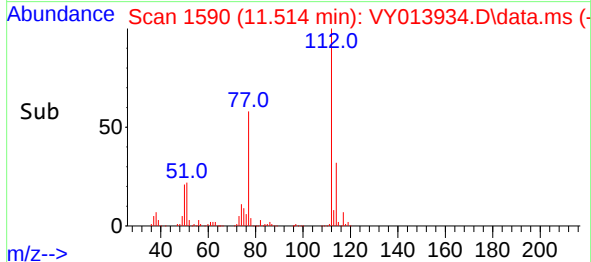
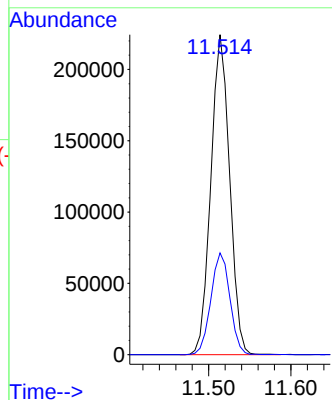
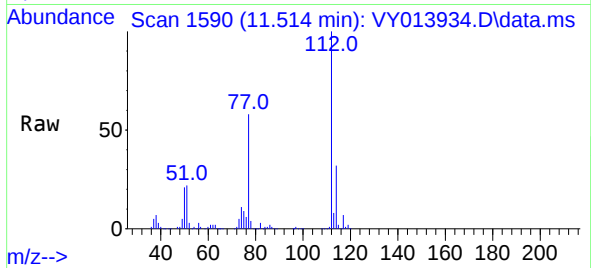




#65
Chlorobenzene
Concen: 44.323 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

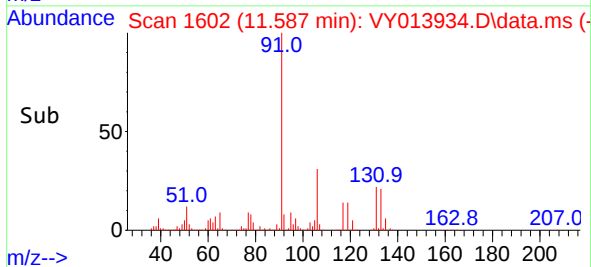
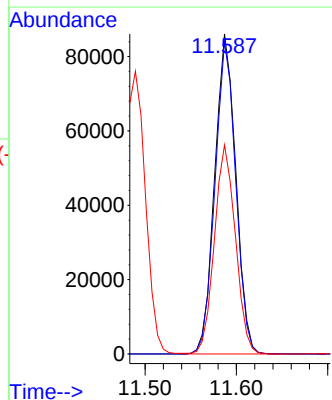
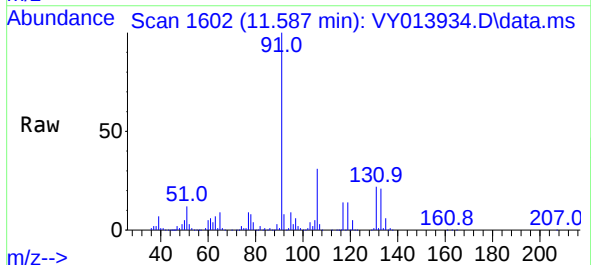
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

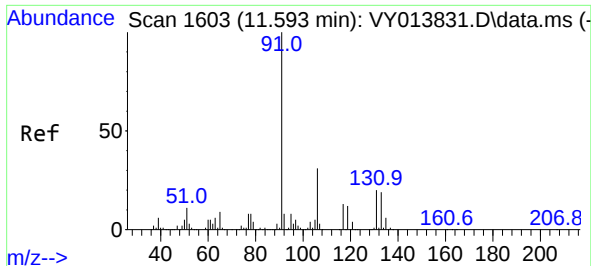
Tgt Ion:112 Resp: 356794
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 44.417 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion:131 Resp: 137999
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 65.1 32.1 96.5





#67

Ethyl Benzene

Concen: 44.940 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013934.D

Acq: 31 May 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

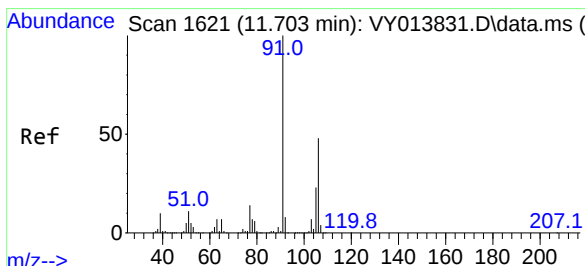
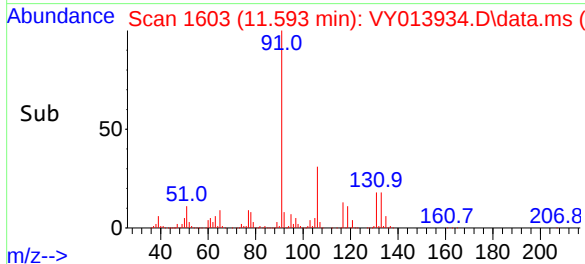
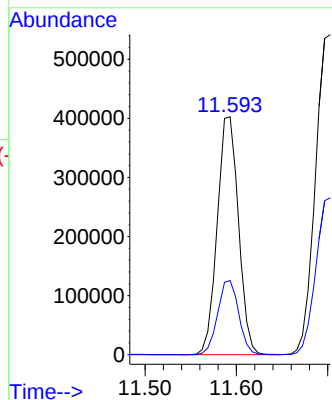
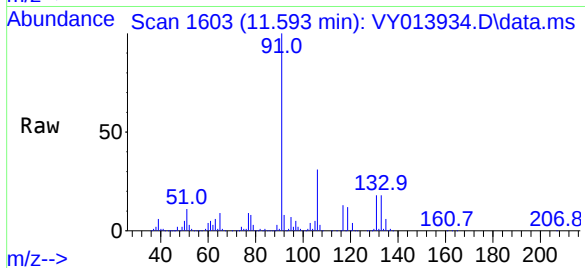
VSTDCCC050

Tgt Ion: 91 Resp: 651009

Ion Ratio Lower Upper

91 100

106 31.2 24.7 37.1



#68

m/p-Xylenes

Concen: 90.785 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013934.D

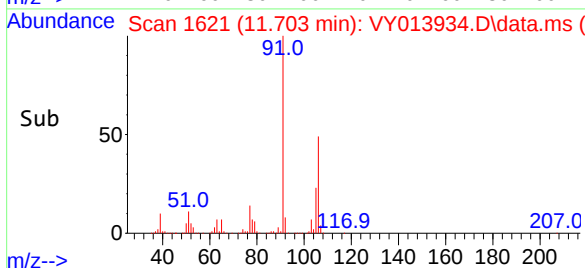
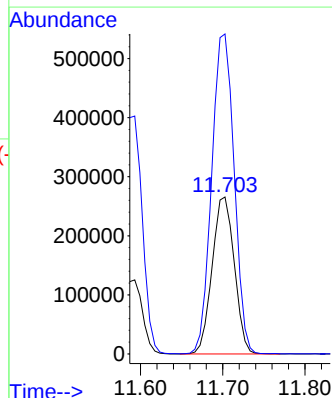
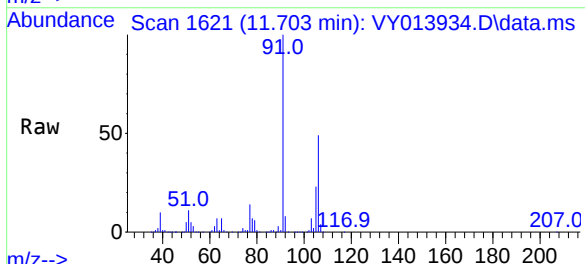
Acq: 31 May 2023 14:07

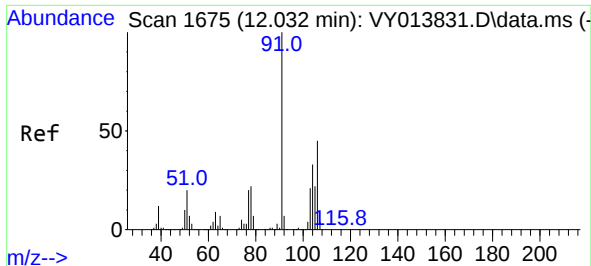
Tgt Ion:106 Resp: 497699

Ion Ratio Lower Upper

106 100

91 206.5 164.9 247.3

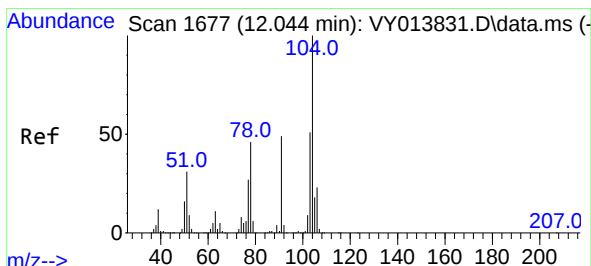
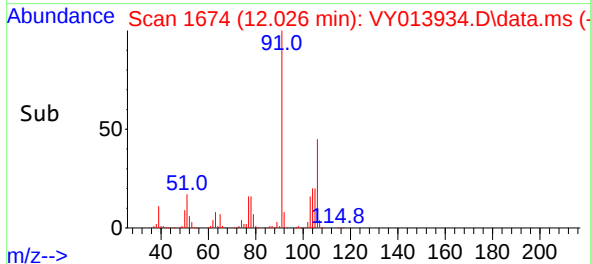
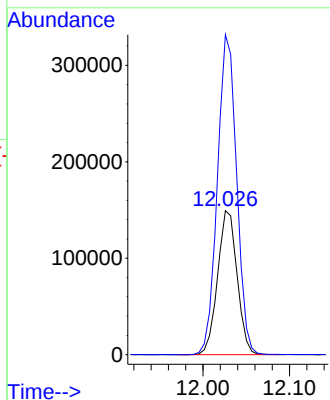
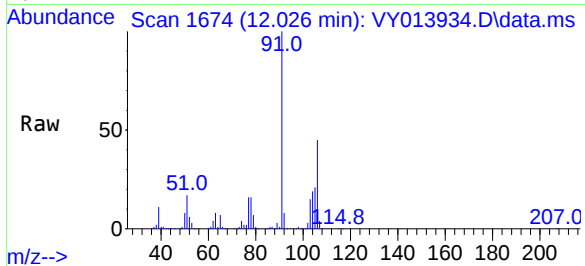




#69
o-Xylene
Concen: 45.200 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

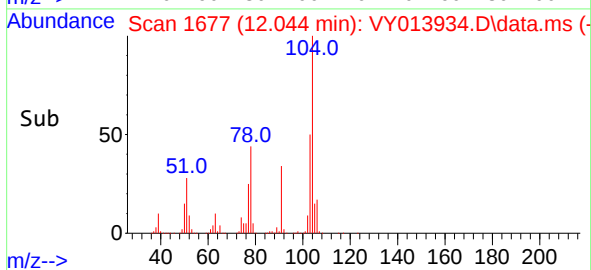
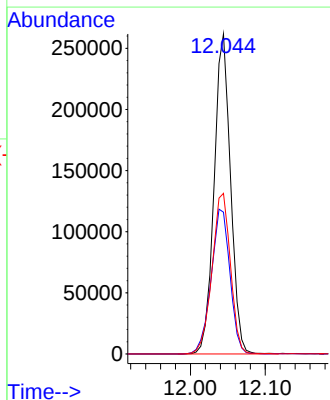
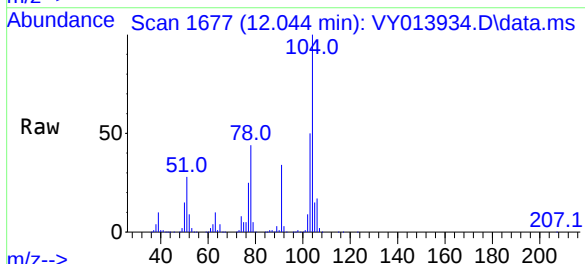
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

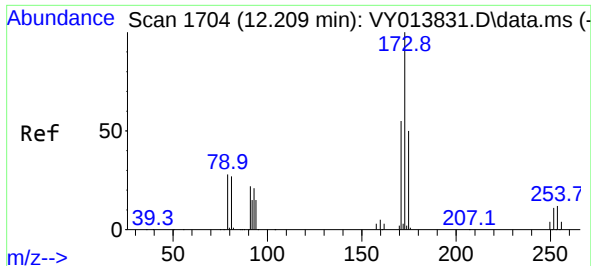
Tgt Ion:106 Resp: 233411
Ion Ratio Lower Upper
106 100
91 219.4 109.0 327.0



#70
Styrene
Concen: 45.943 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion:104 Resp: 401877
Ion Ratio Lower Upper
104 100
78 51.6 40.8 61.2
103 56.1 44.2 66.4

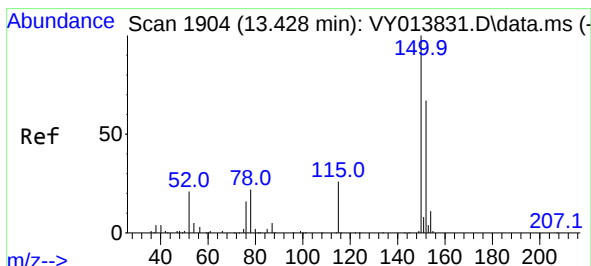
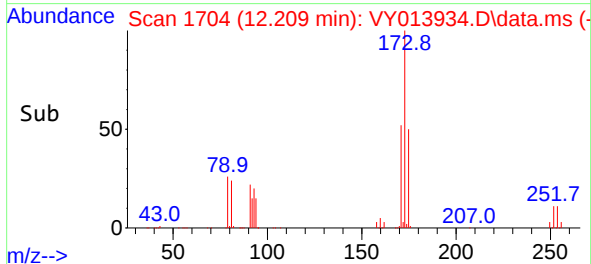
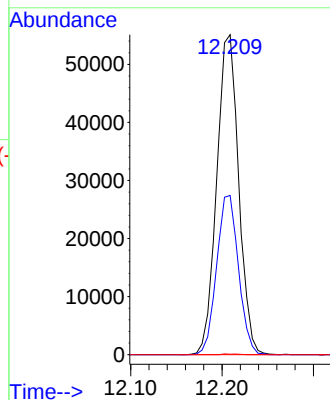
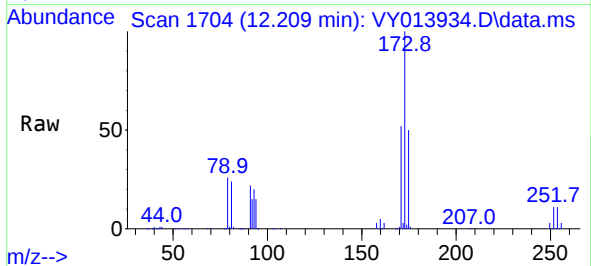




#71
Bromoform
Concen: 45.321 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

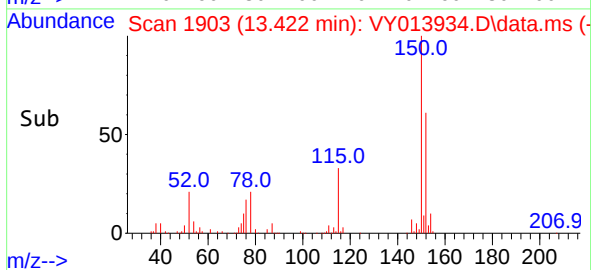
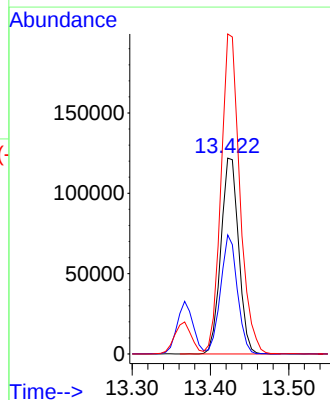
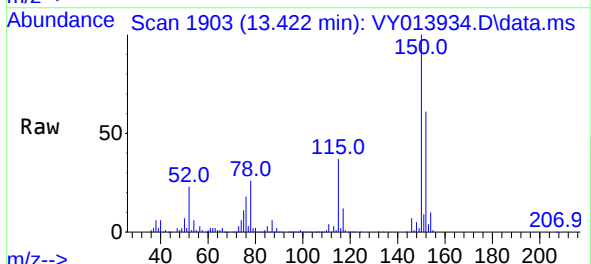
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

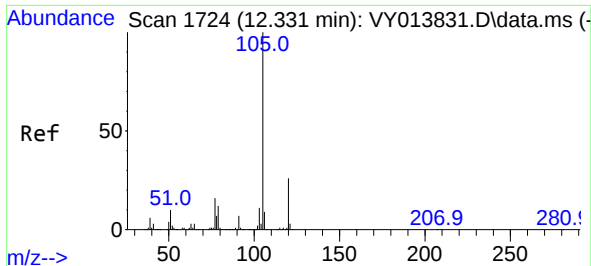
Tgt Ion:173 Resp: 92029
Ion Ratio Lower Upper
173 100
175 49.5 25.1 75.4
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion:152 Resp: 191739
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 173.3 0.0 353.4

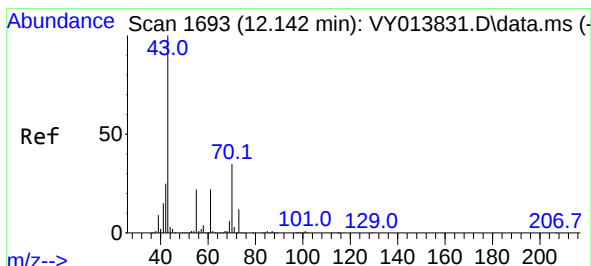
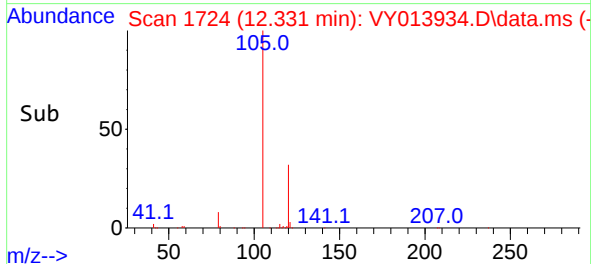
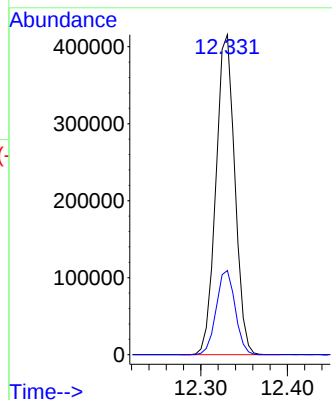
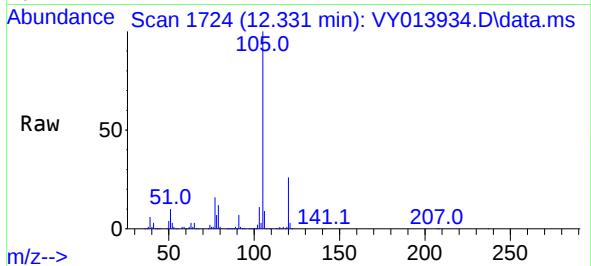




#73
Isopropylbenzene
Concen: 44.097 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

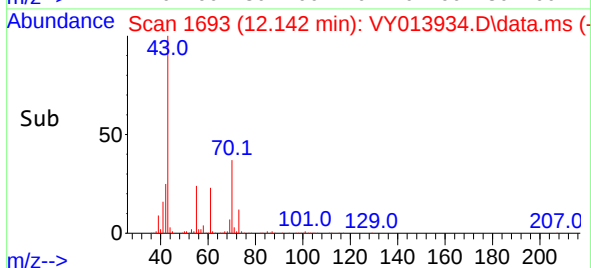
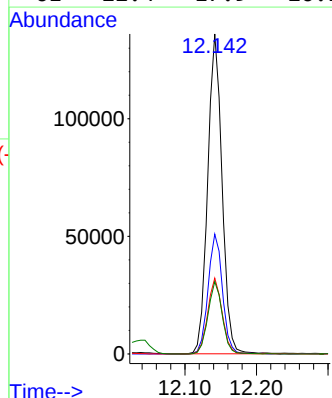
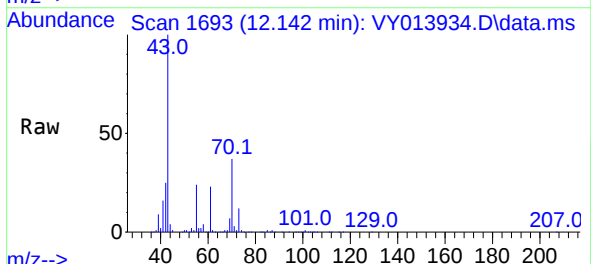
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

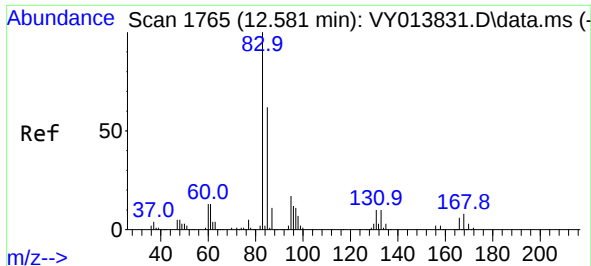
Tgt Ion:105 Resp: 629307
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 44.297 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 43 Resp: 190064
Ion Ratio Lower Upper
43 100
70 37.7 29.3 43.9
55 23.9 18.0 27.0
61 22.4 17.9 26.9

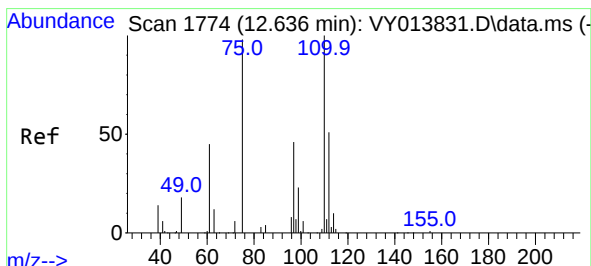
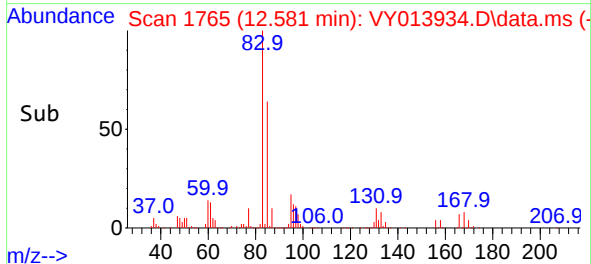
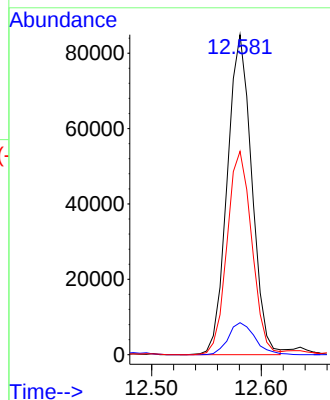
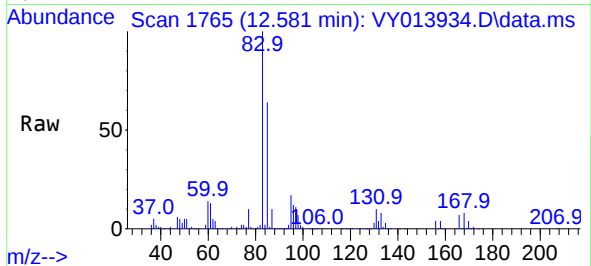




#75
1,1,2,2-Tetrachloroethane
Concen: 44.579 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

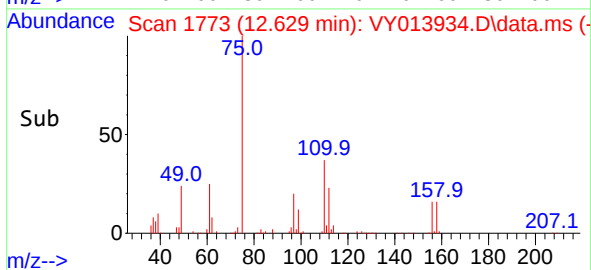
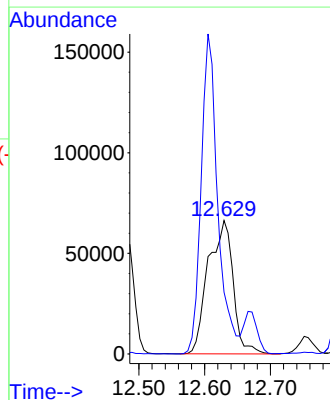
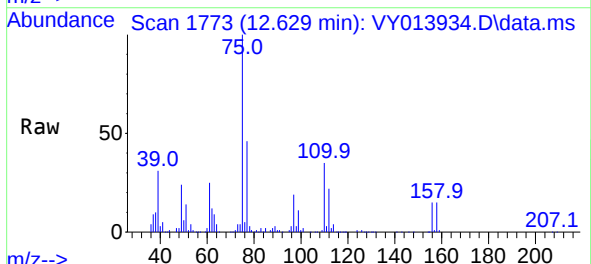
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

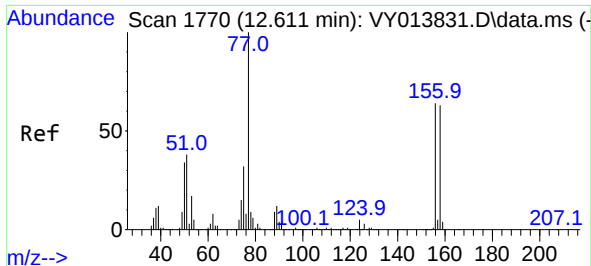
Tgt Ion: 83 Resp: 131698
Ion Ratio Lower Upper
83 100
131 10.8 5.3 16.1
85 64.3 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 77.309 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 75 Resp: 174784
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

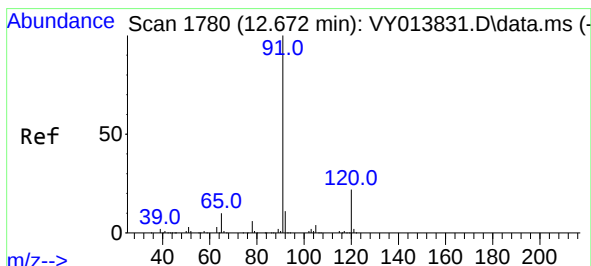
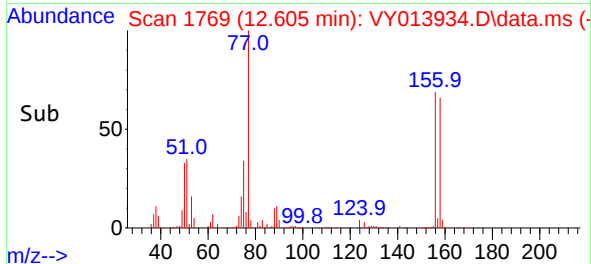
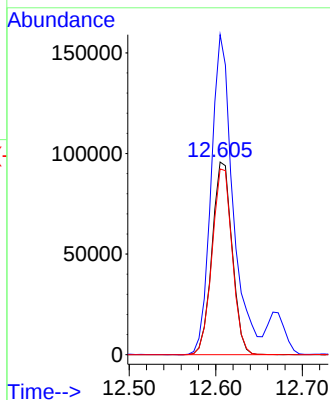
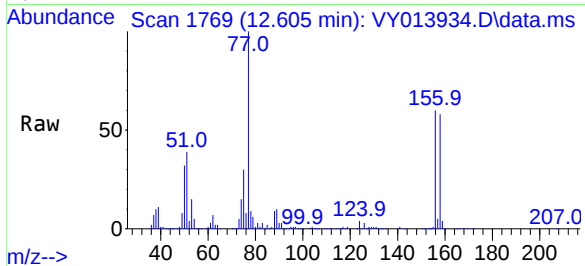




#77
Bromobenzene
Concen: 44.070 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

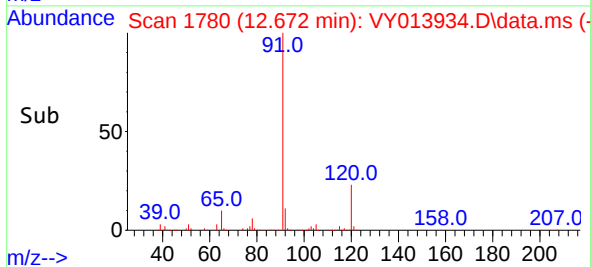
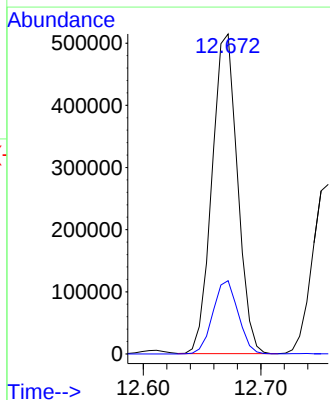
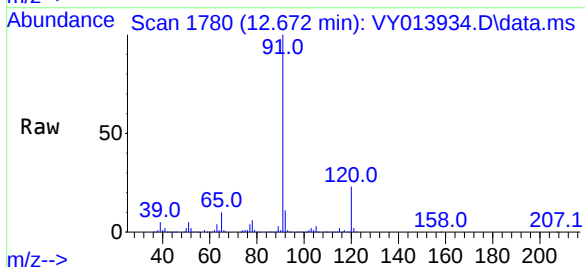
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

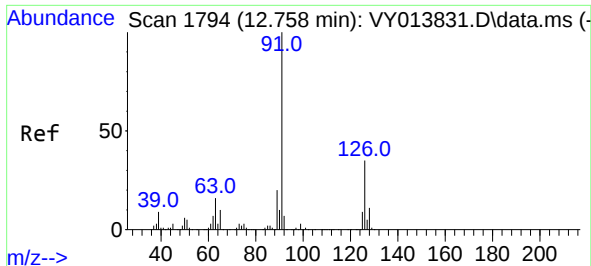
Tgt Ion:156 Resp: 154317
Ion Ratio Lower Upper
156 100
77 181.4 91.6 274.8
158 96.6 48.9 146.6



#78
n-propylbenzene
Concen: 43.964 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 91 Resp: 775096
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9

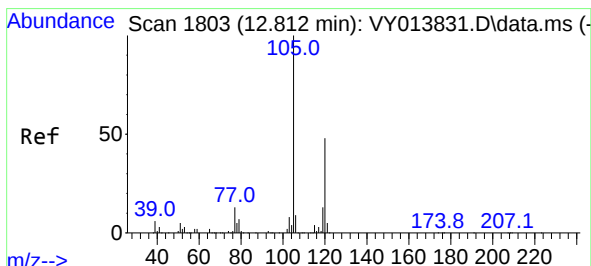
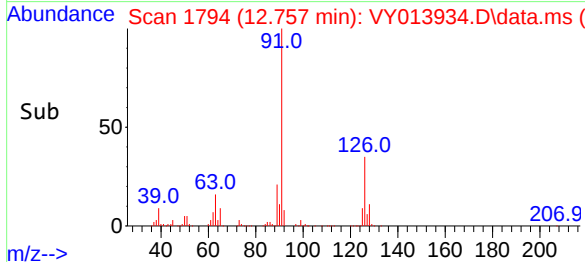
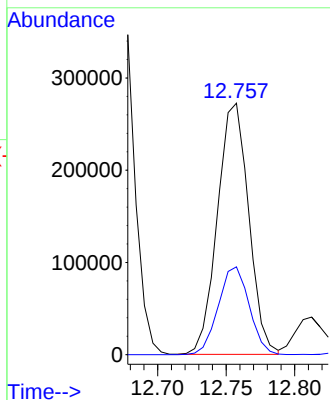
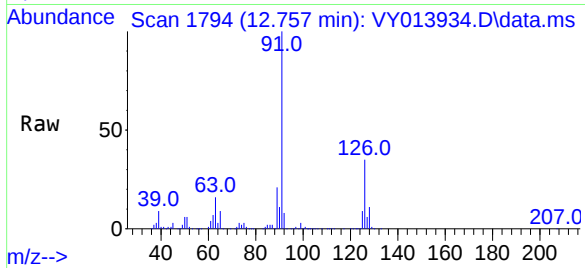




#79
2-Chlorotoluene
Concen: 43.968 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

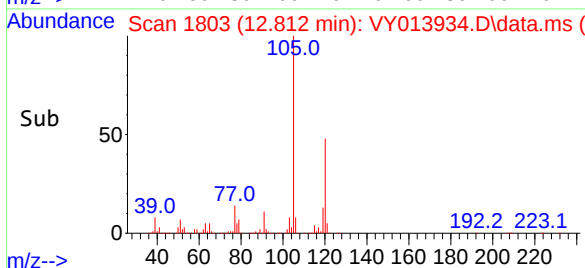
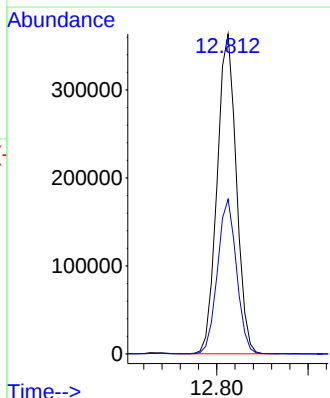
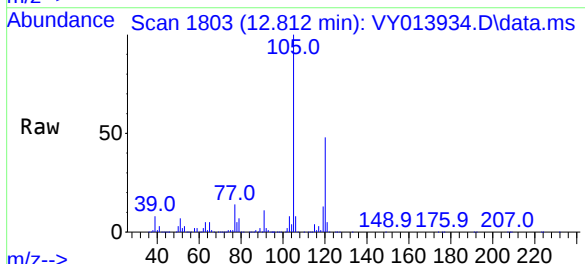
Instrument :
MSVOA_Y
ClientSampleId :
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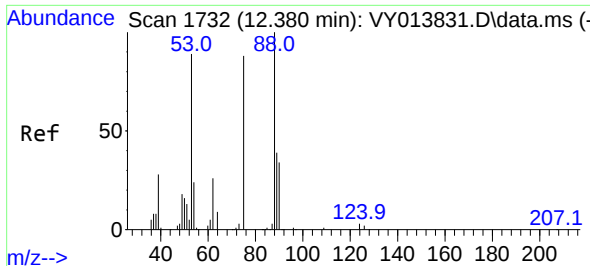
Tgt Ion: 91 Resp: 432993
Ion Ratio Lower Upper
91 100
126 34.6 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 45.034 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion:105 Resp: 530500
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7

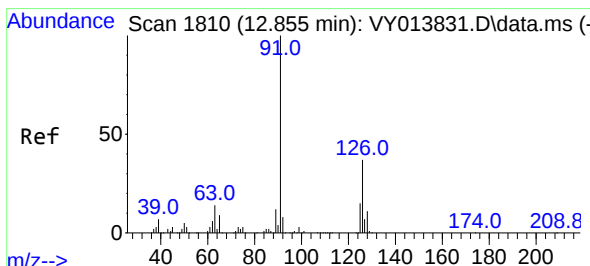
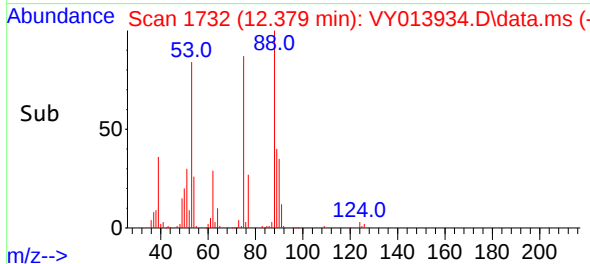
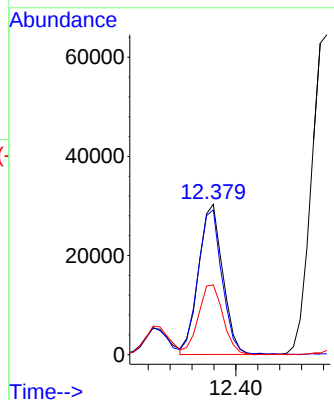
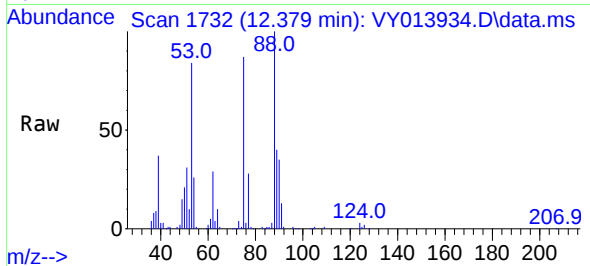




#81
trans-1,4-Dichloro-2-butene
Concen: 44.516 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

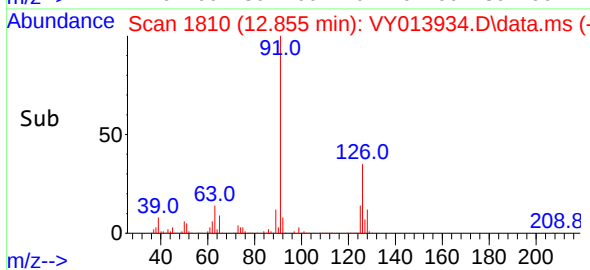
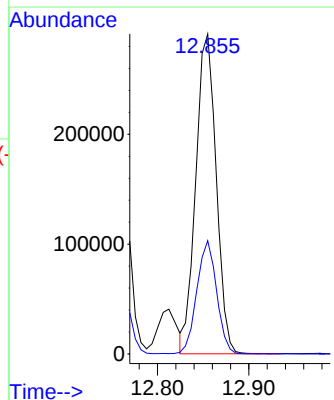
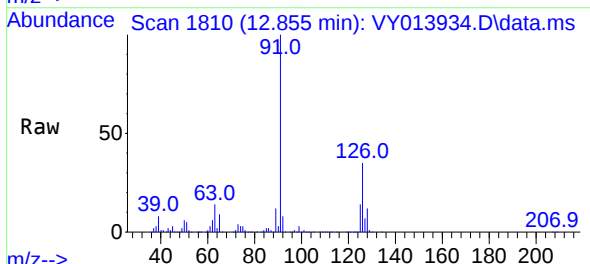
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

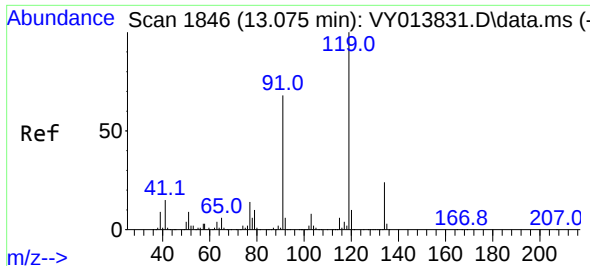
Tgt Ion: 75 Resp: 46365
Ion Ratio Lower Upper
75 100
53 96.2 79.7 119.5
89 47.4 36.4 54.6



#82
4-Chlorotoluene
Concen: 44.357 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 91 Resp: 451489
Ion Ratio Lower Upper
91 100
126 34.5 17.9 53.7

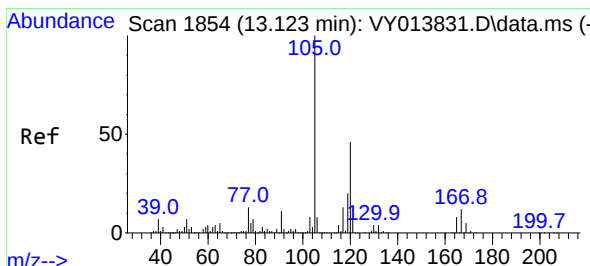
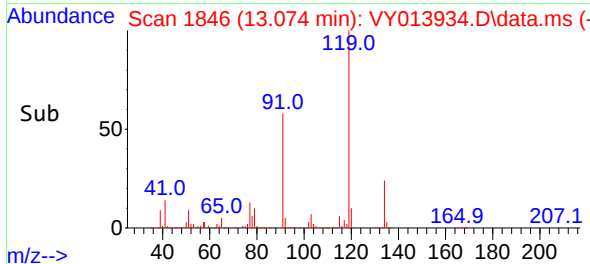
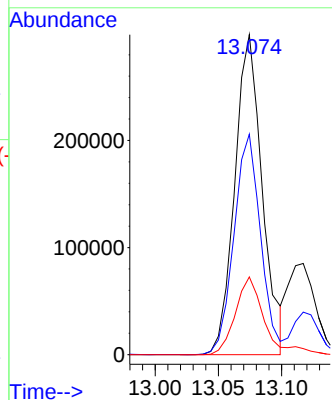
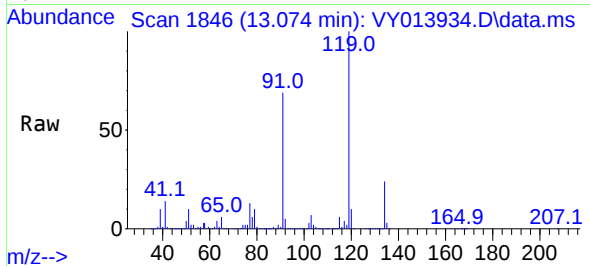




#83
tert-Butylbenzene
Concen: 44.085 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

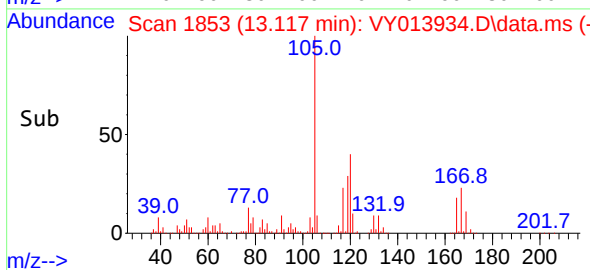
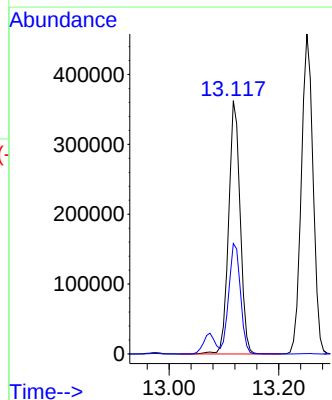
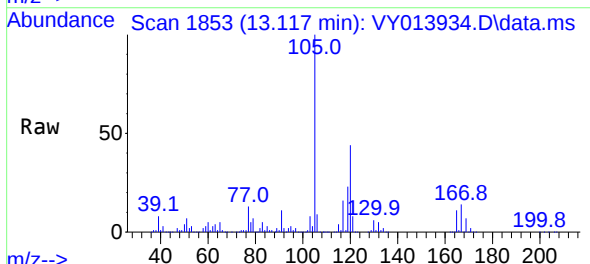
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

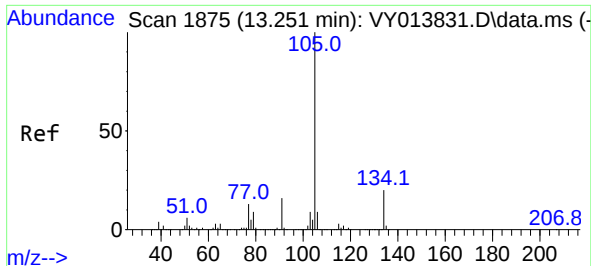
Tgt Ion:119 Resp: 452302
Ion Ratio Lower Upper
119 100
91 66.8 33.7 101.0
134 25.7 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 45.816 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion:105 Resp: 529787
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.3

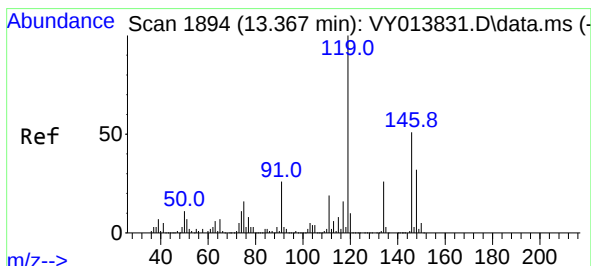
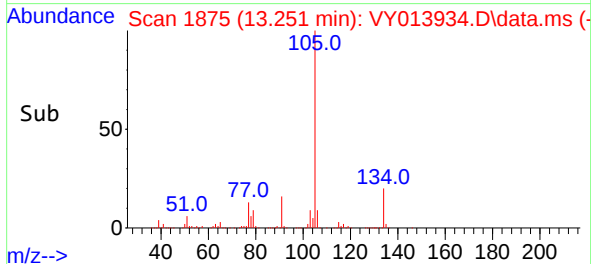
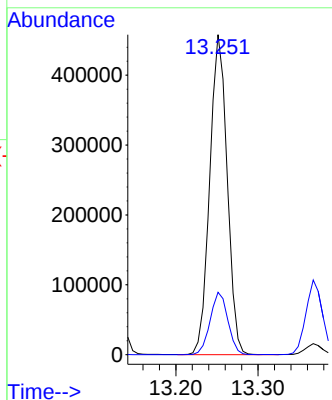
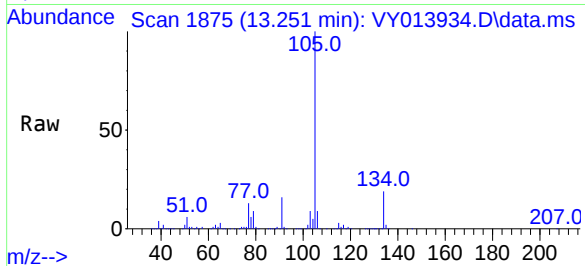




#85
 sec-Butylbenzene
 Concen: 44.266 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY013934.D
 Acq: 31 May 2023 14:07

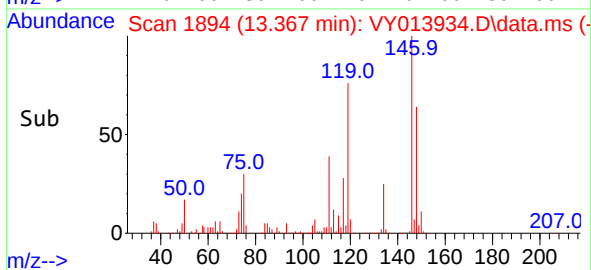
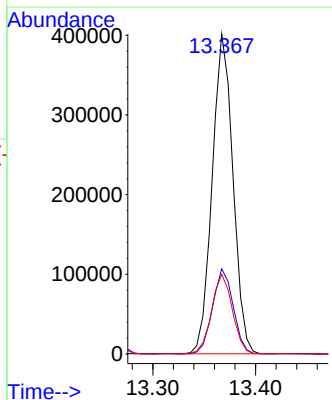
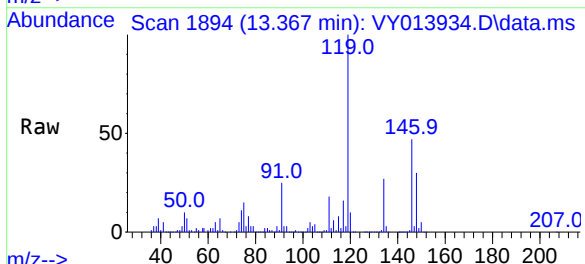
Instrument :
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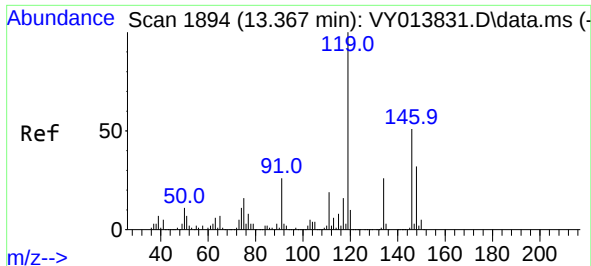
Tgt Ion:105 Resp: 674652
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 44.616 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013934.D
 Acq: 31 May 2023 14:07

Tgt Ion:119 Resp: 562017
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 24.9 12.4 37.4

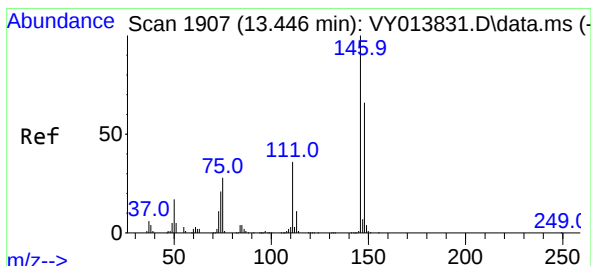
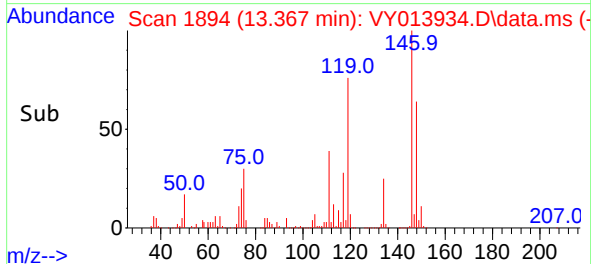
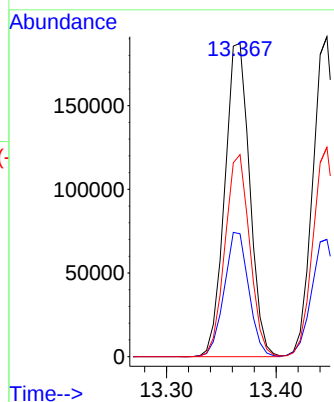
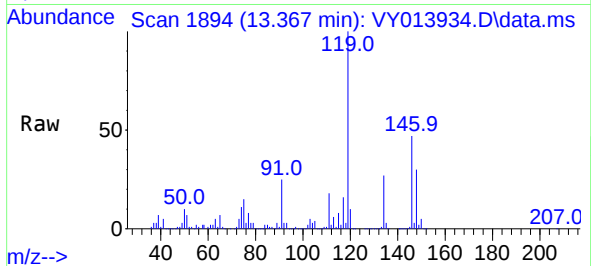




#87
1,3-Dichlorobenzene
Concen: 43.723 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

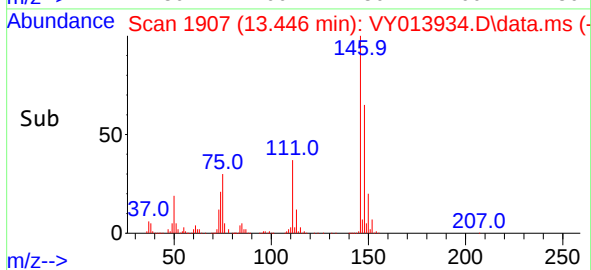
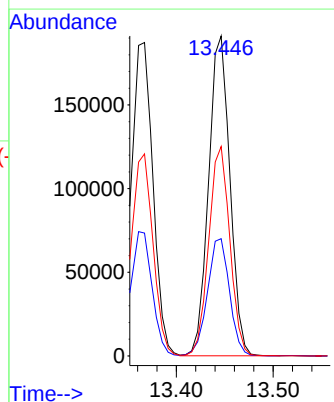
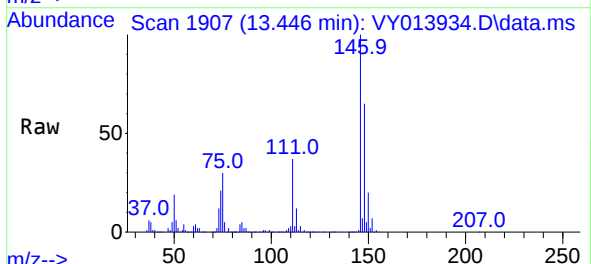
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

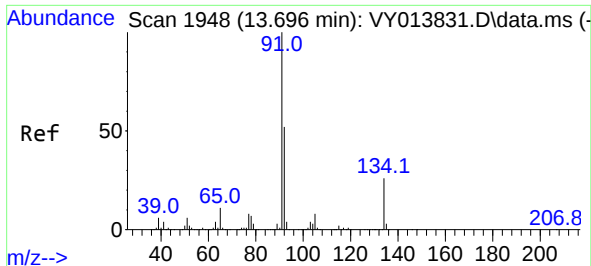
Tgt Ion:146 Resp: 295708
Ion Ratio Lower Upper
146 100
111 39.2 19.1 57.5
148 64.0 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 43.498 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion:146 Resp: 292882
Ion Ratio Lower Upper
146 100
111 38.0 18.6 55.8
148 65.1 32.4 97.2

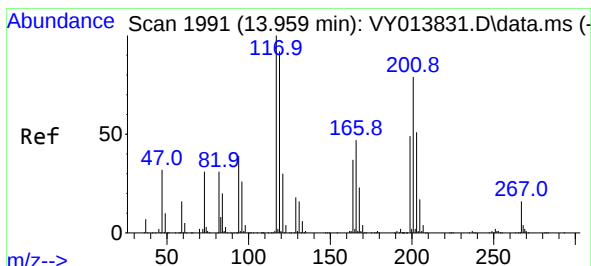
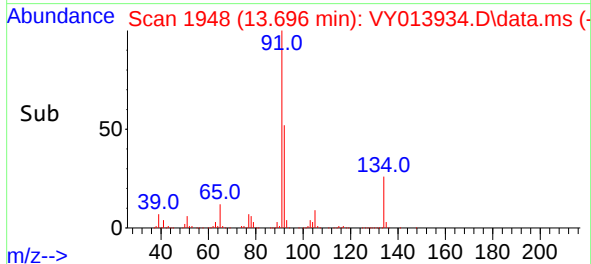
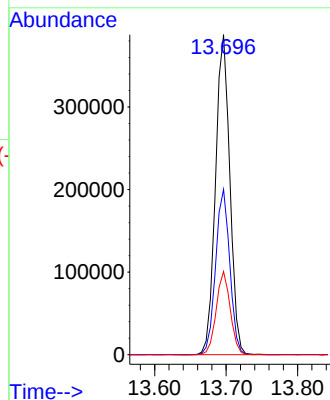
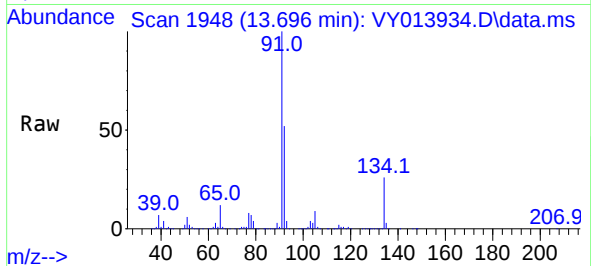




#89
n-Butylbenzene
Concen: 44.617 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

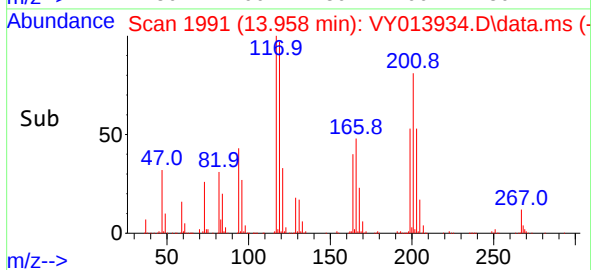
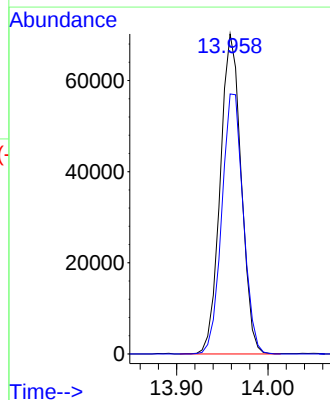
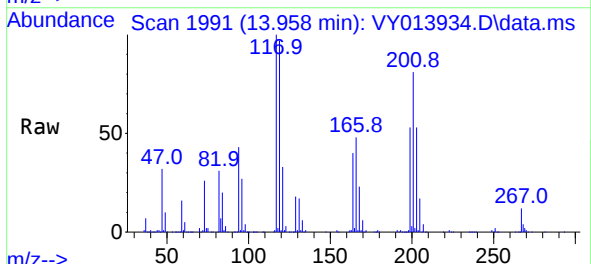
Instrument :
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ClientSampleId :
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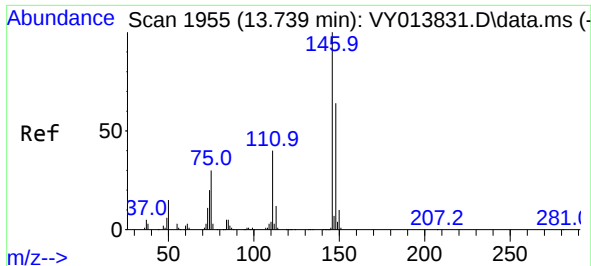
Tgt Ion: 91 Resp: 538963
Ion Ratio Lower Upper
91 100
92 51.2 25.6 76.6
134 25.5 13.0 38.9



#90
Hexachloroethane
Concen: 43.320 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 117 Resp: 112040
Ion Ratio Lower Upper
117 100
201 83.0 42.3 126.8

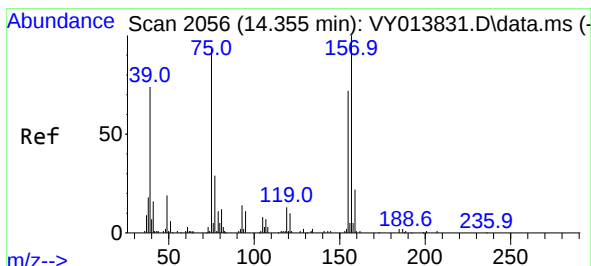
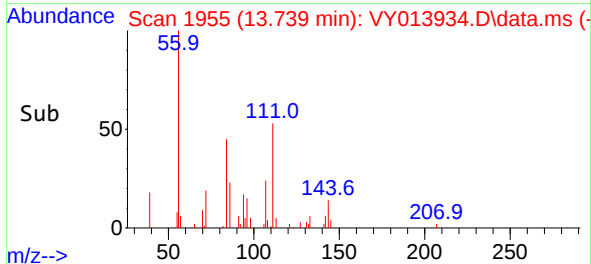
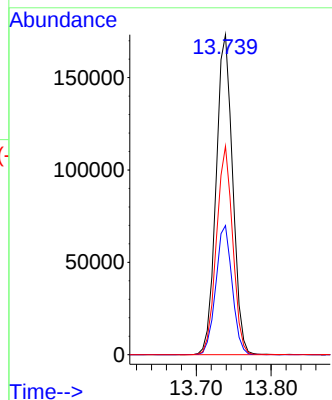
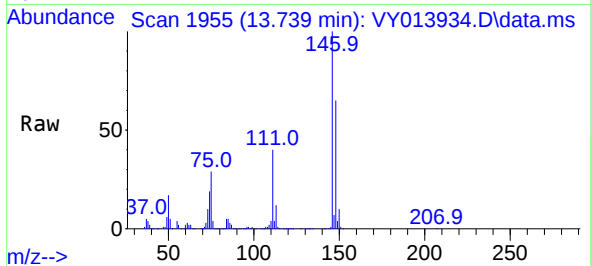




#91
1,2-Dichlorobenzene
Concen: 44.480 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

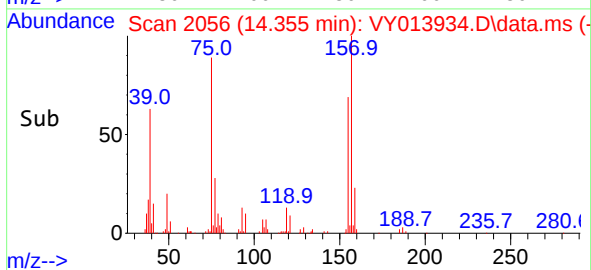
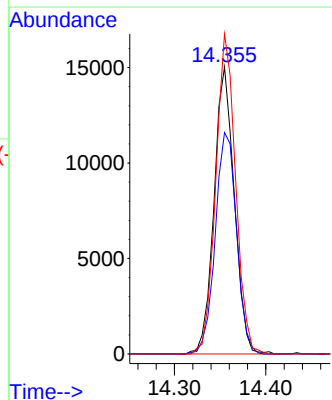
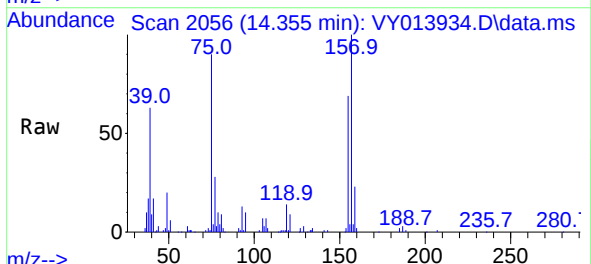
Instrument :
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ClientSampleId :
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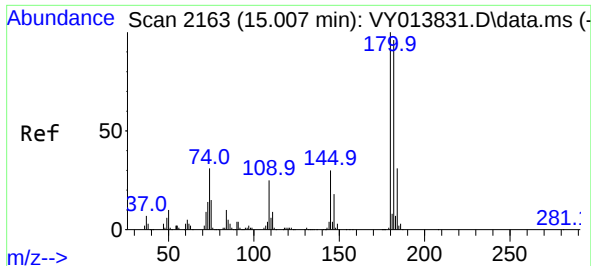
Tgt Ion:146 Resp: 267348
Ion Ratio Lower Upper
146 100
111 40.0 19.6 58.8
148 64.0 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.675 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion: 75 Resp: 23123
Ion Ratio Lower Upper
75 100
155 81.0 39.9 119.6
157 109.3 54.6 163.8

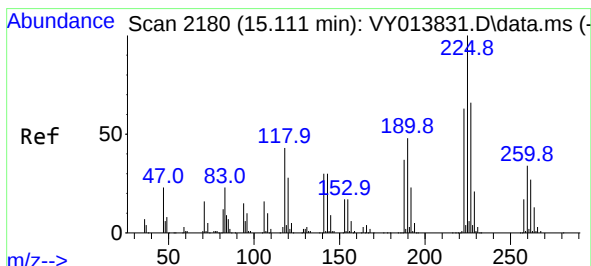
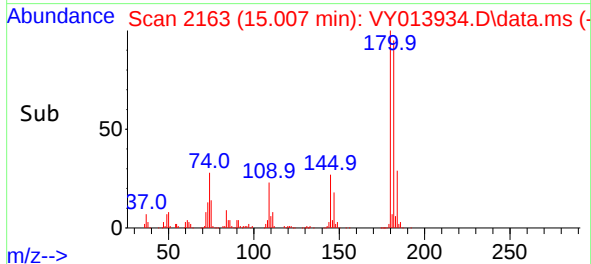
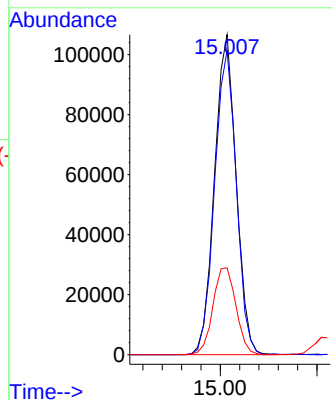
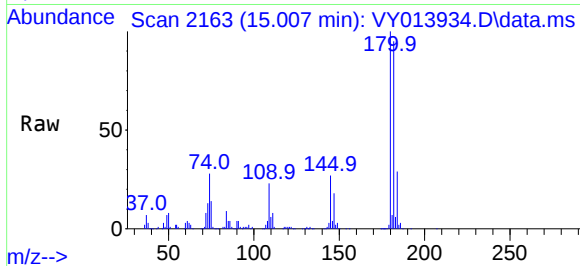




#93
1,2,4-Trichlorobenzene
Concen: 44.566 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

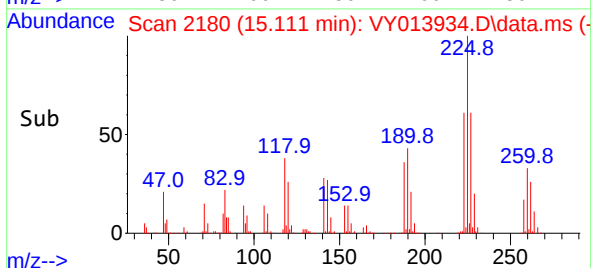
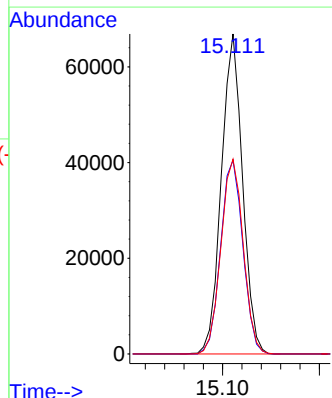
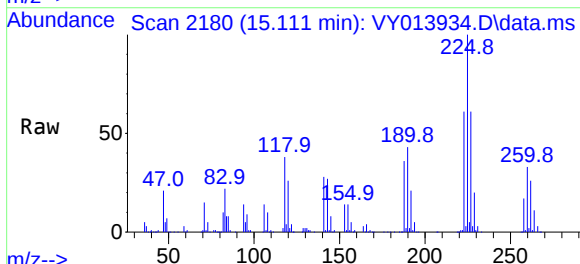
Instrument :
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ClientSampleId :
VSTDCCC050

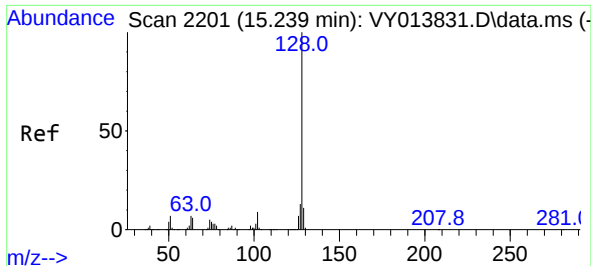
Tgt Ion:180 Resp: 166060
Ion Ratio Lower Upper
180 100
182 95.1 48.1 144.3
145 28.8 14.8 44.4



#94
Hexachlorobutadiene
Concen: 43.209 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion:225 Resp: 101515
Ion Ratio Lower Upper
225 100
223 63.6 31.3 93.9
227 64.2 32.9 98.6

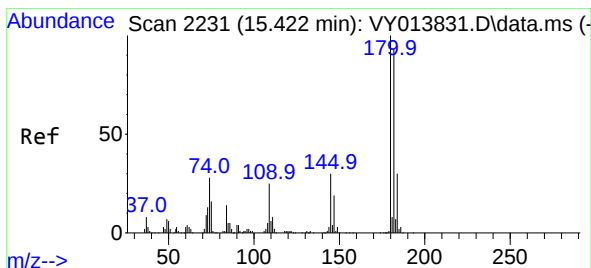
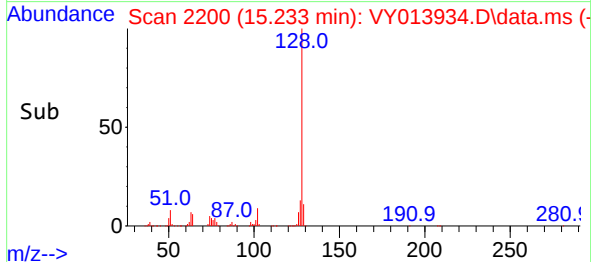
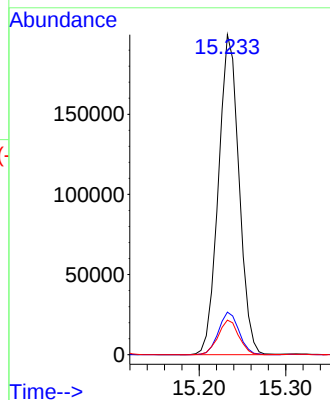
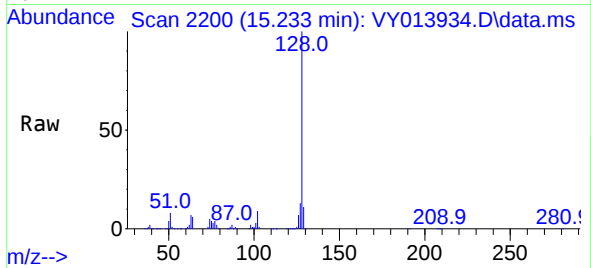




#95
Naphthalene
Concen: 41.179 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 329756
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.8 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 44.623 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013934.D
Acq: 31 May 2023 14:07

Tgt Ion:180 Resp: 147864
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 31.5 15.5 46.5

