

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013889.D
 Acq On : 26 May 2023 11:54
 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 26 16:43:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	274032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	420322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	372202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183244	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	147322	46.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.940%
35) Dibromofluoromethane	7.716	113	129482	47.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.400%
50) Toluene-d8	10.179	98	477689	46.302	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.600%
62) 4-Bromofluorobenzene	12.483	95	164551	47.984	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	120335	47.940	ug/l	95
3) Chloromethane	2.113	50	138162	45.181	ug/l	99
4) Vinyl Chloride	2.253	62	140699	44.991	ug/l	97
5) Bromomethane	2.656	94	105968	42.641	ug/l	95
6) Chloroethane	2.796	64	88755	43.555	ug/l	100
7) Trichlorofluoromethane	3.131	101	230363	43.769	ug/l	100
8) Diethyl Ether	3.534	74	69184	42.856	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	123875	43.417	ug/l	100
10) Methyl Iodide	4.088	142	148463	43.830	ug/l	98
11) Tert butyl alcohol	4.966	59	52867	217.681	ug/l	95
12) 1,1-Dichloroethene	3.875	96	116628	43.510	ug/l	95
13) Acrolein	3.729	56	81042	221.841	ug/l	96
14) Allyl chloride	4.479	41	209463	42.803	ug/l	98
15) Acrylonitrile	5.161	53	176038	212.679	ug/l	99
16) Acetone	3.954	43	196980	209.345	ug/l	97
17) Carbon Disulfide	4.198	76	354844	44.349	ug/l	99
18) Methyl Acetate	4.485	43	133970	41.040	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	322111	44.034	ug/l	99
20) Methylene Chloride	4.716	84	162778	48.726	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	132215	45.375	ug/l	97
22) Diisopropyl ether	6.112	45	431592	45.679	ug/l	99
23) Vinyl Acetate	6.058	43	1235276	224.467	ug/l	100
24) 1,1-Dichloroethane	6.021	63	246498	44.688	ug/l	99
25) 2-Butanone	6.990	43	231811	201.897	ug/l	96
26) 2,2-Dichloropropane	6.978	77	215958	43.465	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	142297	43.472	ug/l	98
28) Bromochloromethane	7.332	49	65733	40.600	ug/l	99
29) Tetrahydrofuran	7.350	42	140994	205.679	ug/l	98
30) Chloroform	7.502	83	244650	43.748	ug/l	99
31) Cyclohexane	7.783	56	199870	41.033	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	224624	44.029	ug/l	99
36) 1,1-Dichloropropene	7.917	75	181952	44.008	ug/l	99
37) Ethyl Acetate	7.076	43	104010	41.241	ug/l	99
38) Carbon Tetrachloride	7.899	117	210116	44.688	ug/l	98
39) Methylcyclohexane	9.185	83	210820	43.540	ug/l	100
40) Benzene	8.161	78	513892	43.275	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	51222	37.224	ug/l	94
42) 1,2-Dichloroethane	8.234	62	166766	42.892	ug/l	100
43) Isopropyl Acetate	8.271	43	186429	40.566	ug/l	99
44) Trichloroethene	8.941	130	137081	42.847	ug/l	98
45) 1,2-Dichloropropane	9.216	63	130860	43.017	ug/l	99
46) Dibromomethane	9.307	93	75679	43.438	ug/l	98
47) Bromodichloromethane	9.496	83	185824	43.766	ug/l	100
48) Methyl methacrylate	9.295	41	90846	42.096	ug/l	100
49) 1,4-Dioxane	9.313	88	16974	828.989	ug/l #	96
51) 4-Methyl-2-Pentanone	10.069	43	503763	205.689	ug/l	100
52) Toluene	10.246	92	319864	44.177	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	188827	43.691	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	209209	43.209	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	101270	43.206	ug/l	95
56) Ethyl methacrylate	10.508	69	133662	42.720	ug/l	99
57) 1,3-Dichloropropane	10.788	76	170842	42.798	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	186843	187.155	ug/l	99
59) 2-Hexanone	10.831	43	360871	207.145	ug/l	100
60) Dibromochloromethane	10.984	129	127770	43.093	ug/l	100
61) 1,2-Dibromoethane	11.087	107	96095	43.097	ug/l	100
64) Tetrachloroethene	10.721	164	120335	43.696	ug/l	96
65) Chlorobenzene	11.514	112	337581	43.275	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	132292	43.939	ug/l	100
67) Ethyl Benzene	11.593	91	633321	45.114	ug/l	99
68) m/p-Xylenes	11.703	106	474513	89.318	ug/l	100
69) o-Xylene	12.032	106	223518	44.665	ug/l	98
70) Styrene	12.044	104	374310	44.157	ug/l	98
71) Bromoform	12.209	173	83509	42.437	ug/l	98
73) Isopropylbenzene	12.331	105	597074	43.778	ug/l	100
74) N-amyl acetate	12.142	43	165004	40.240	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	115670	40.969	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	157094	72.705	ug/l #	100
77) Bromobenzene	12.611	156	143206	42.792	ug/l	98
78) n-propylbenzene	12.672	91	736869	43.733	ug/l	99
79) 2-Chlorotoluene	12.758	91	403822	42.907	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	503906	44.759	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	41802	41.995	ug/l	99
82) 4-Chlorotoluene	12.855	91	417392	42.908	ug/l	99
83) tert-Butylbenzene	13.075	119	424573	43.300	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	495143	44.805	ug/l	100
85) sec-Butylbenzene	13.258	105	640413	43.968	ug/l	100
86) p-Isopropyltoluene	13.373	119	534174	44.372	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	279008	43.166	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	273626	42.522	ug/l	99
89) n-Butylbenzene	13.696	91	502087	43.491	ug/l	100
90) Hexachloroethane	13.965	117	104675	42.349	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	247230	43.040	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19624	39.673	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	151925	42.663	ug/l	98
94) Hexachlorobutadiene	15.111	225	94729	42.189	ug/l	99
95) Naphthalene	15.239	128	285493	37.733	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	131407	41.495	ug/l	99

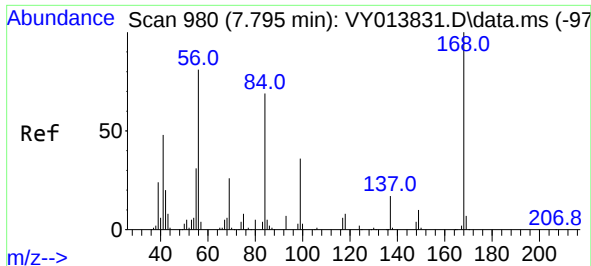
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Response via : Initial Calibration

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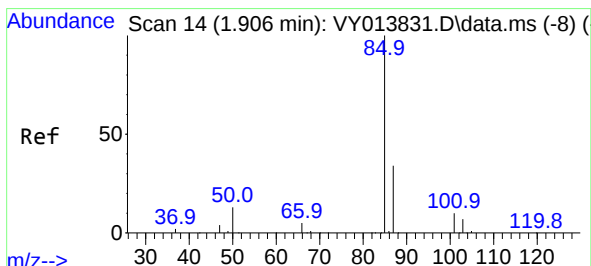
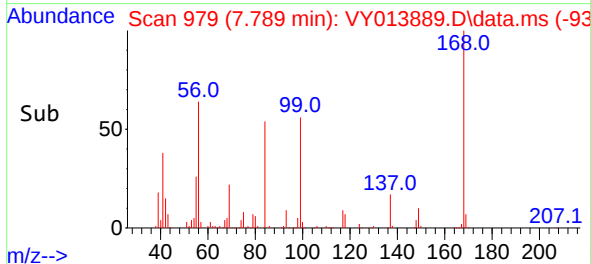
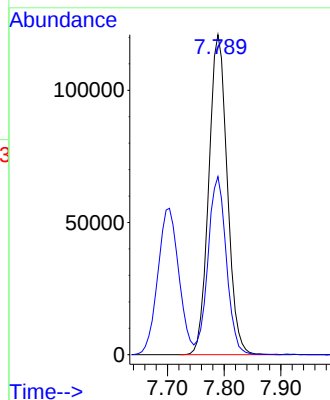
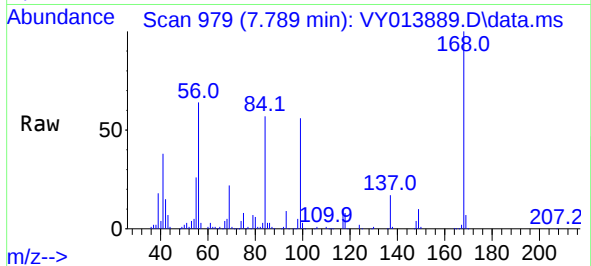
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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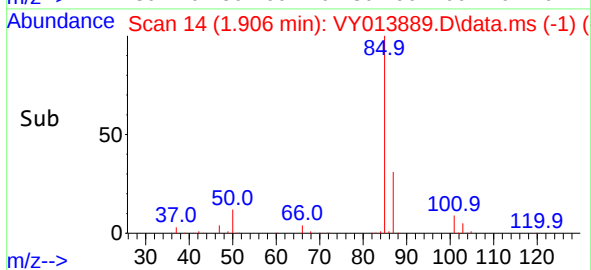
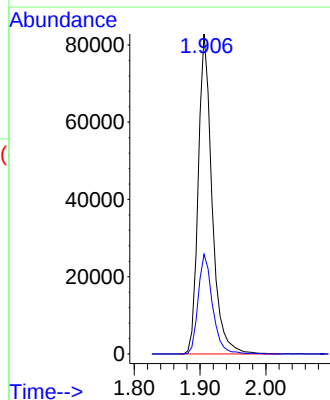
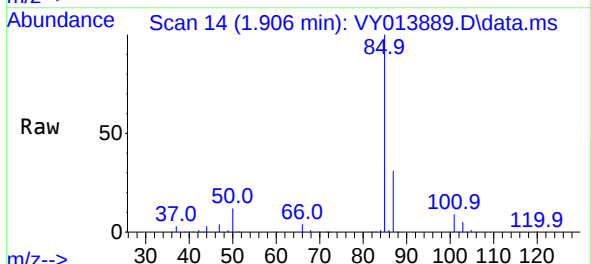
Instrument :
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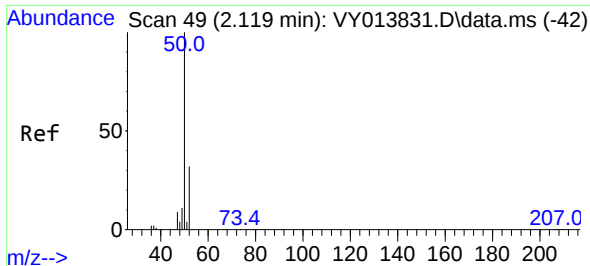
Tgt Ion:168 Resp: 274032
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.2



#2
Dichlorodifluoromethane
Concen: 47.940 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 85 Resp: 120335
Ion Ratio Lower Upper
85 100
87 31.2 16.9 50.7

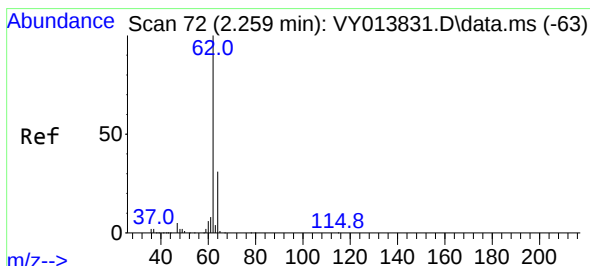
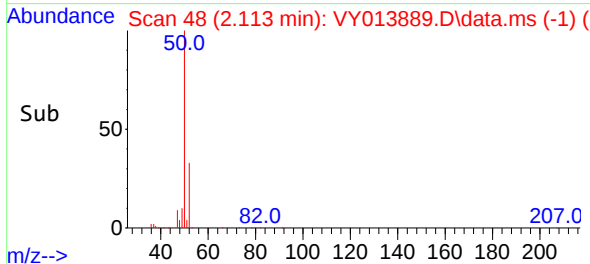
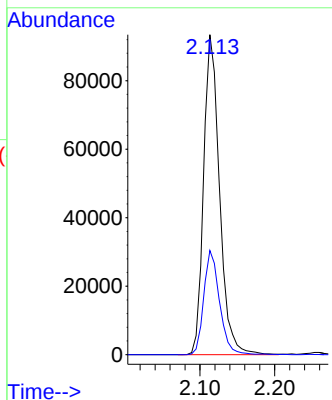
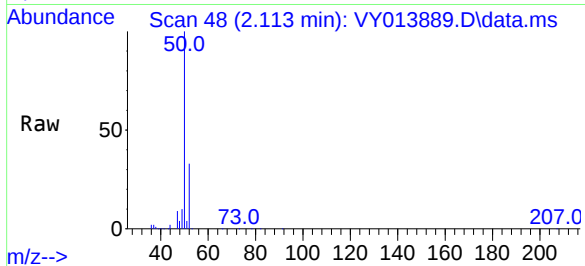




#3
Chloromethane
Concen: 45.181 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

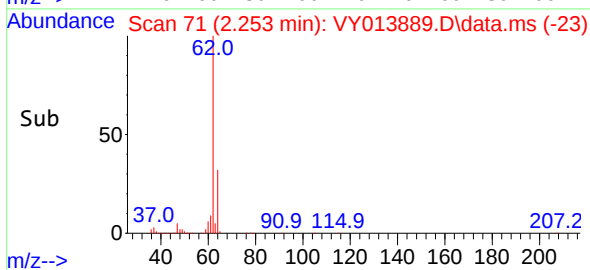
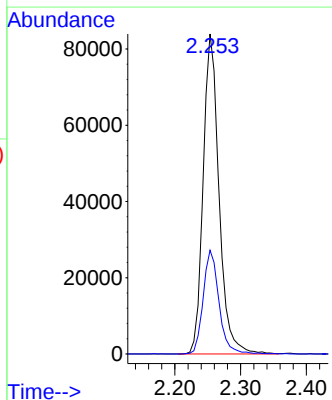
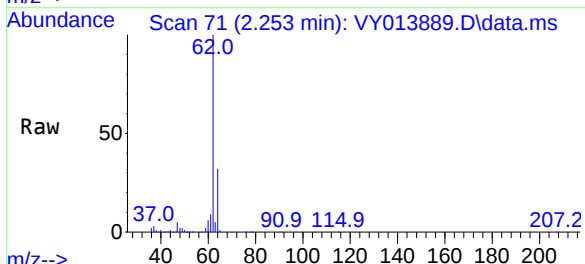
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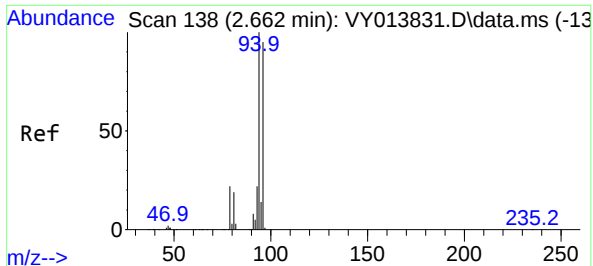
Tgt Ion: 50 Resp: 138162
Ion Ratio Lower Upper
50 100
52 32.6 25.7 38.5



#4
Vinyl Chloride
Concen: 44.991 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 62 Resp: 140699
Ion Ratio Lower Upper
62 100
64 32.4 24.8 37.2

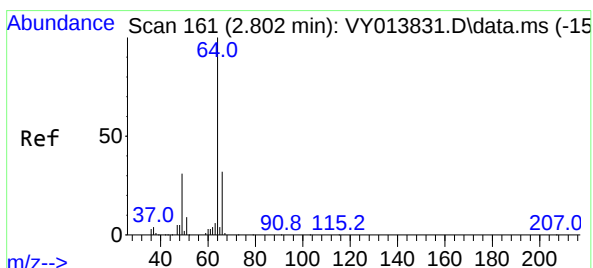
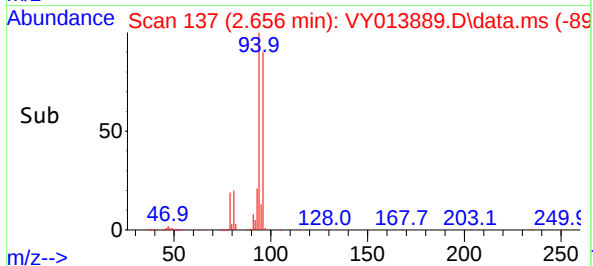
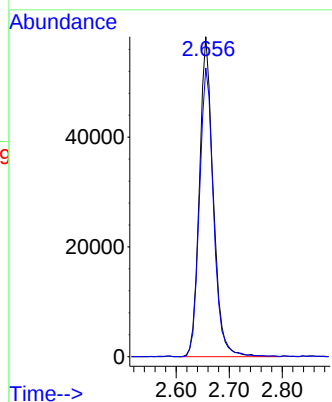
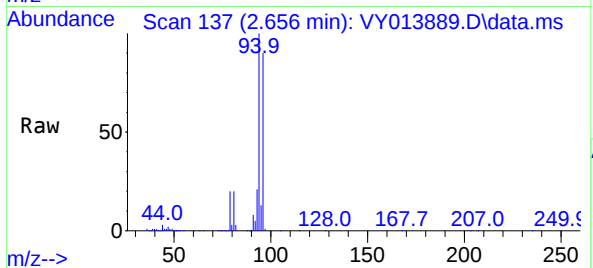




#5
Bromomethane
Concen: 42.641 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

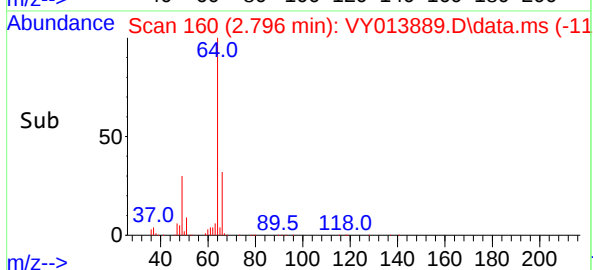
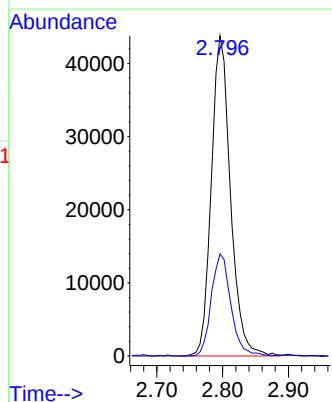
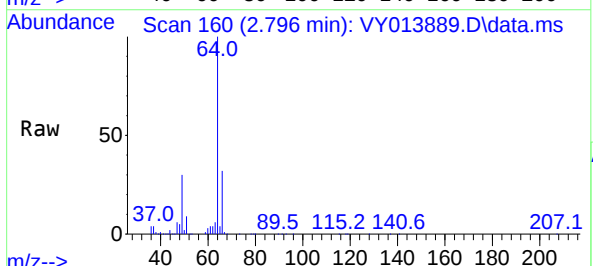
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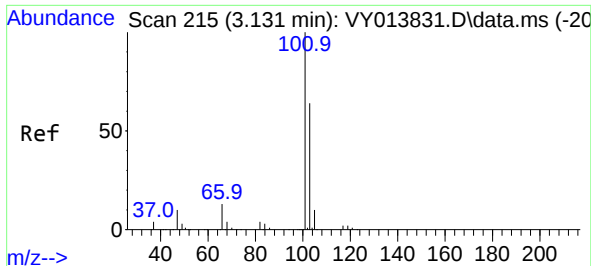
Tgt Ion: 94 Resp: 105968
Ion Ratio Lower Upper
94 100
96 90.3 76.2 114.2



#6
Chloroethane
Concen: 43.555 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 64 Resp: 88755
Ion Ratio Lower Upper
64 100
66 31.9 25.7 38.5

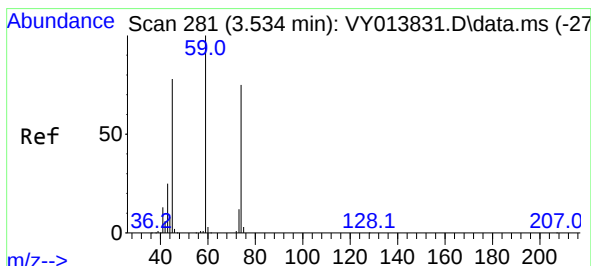
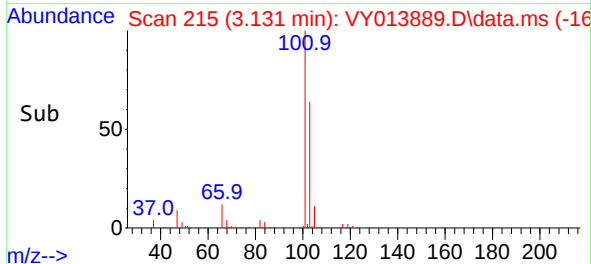
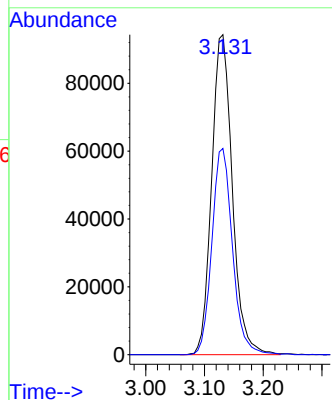
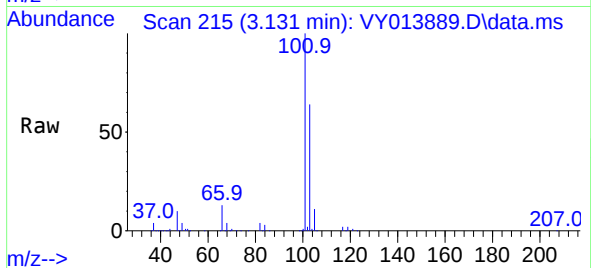




#7
Trichlorofluoromethane
Concen: 43.769 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

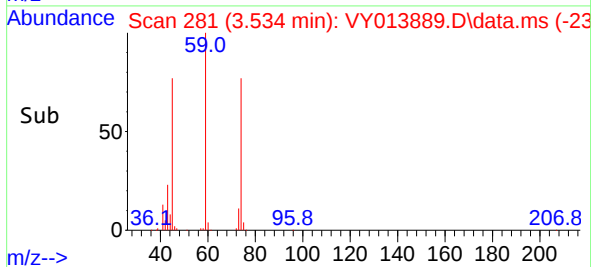
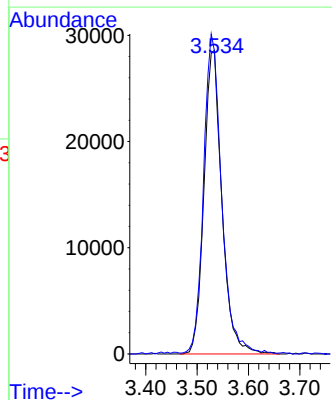
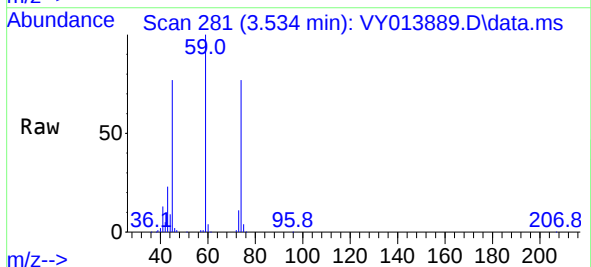
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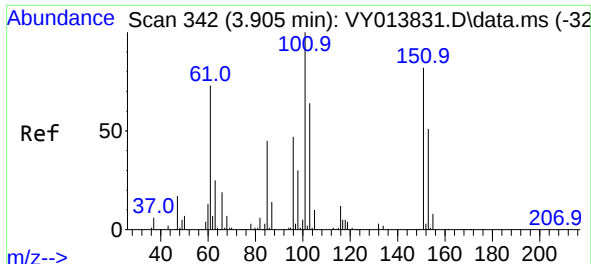
Tgt Ion:101 Resp: 230363
Ion Ratio Lower Upper
101 100
103 64.4 51.3 76.9



#8
Diethyl Ether
Concen: 42.856 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 74 Resp: 69184
Ion Ratio Lower Upper
74 100
45 105.3 51.8 155.5

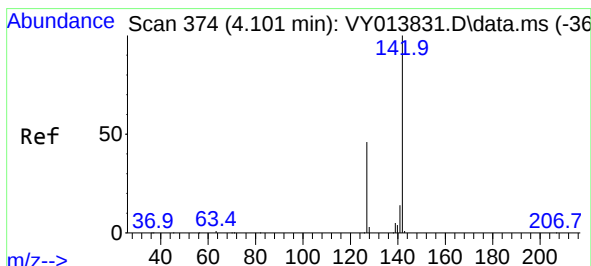
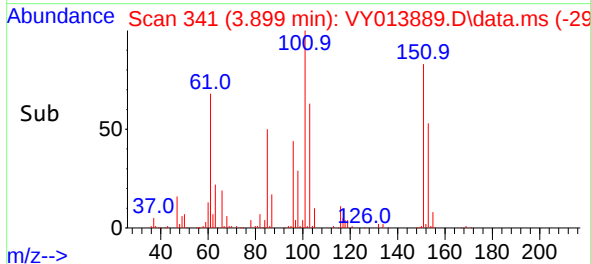
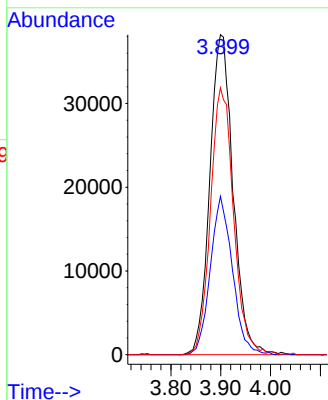
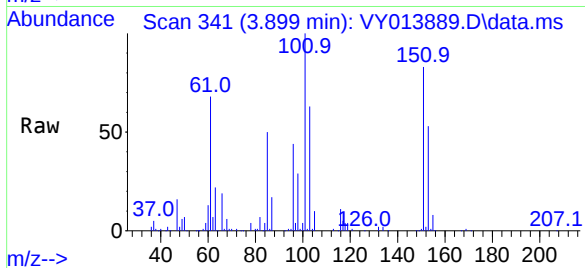




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.417 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
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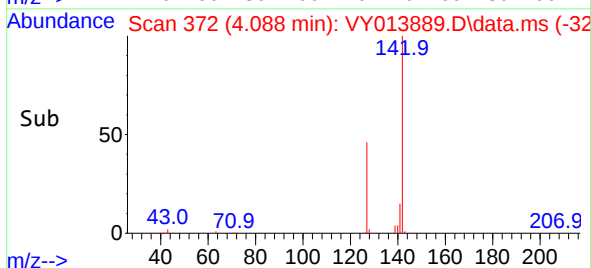
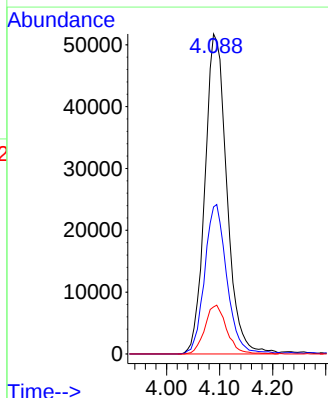
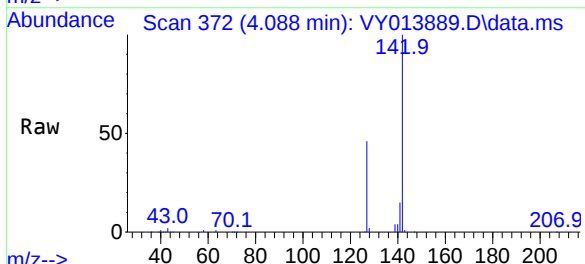
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

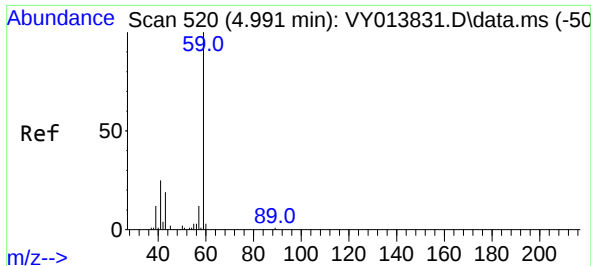
Tgt Ion:101 Resp: 123875
Ion Ratio Lower Upper
101 100
85 47.0 37.4 56.2
151 82.8 66.6 100.0



#10
Methyl Iodide
Concen: 43.830 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion:142 Resp: 148463
Ion Ratio Lower Upper
142 100
127 47.5 37.0 55.4
141 15.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 217.681 ug/l

RT: 4.966 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY013889.D

Acq: 26 May 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

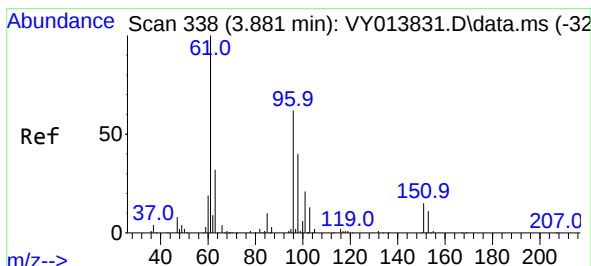
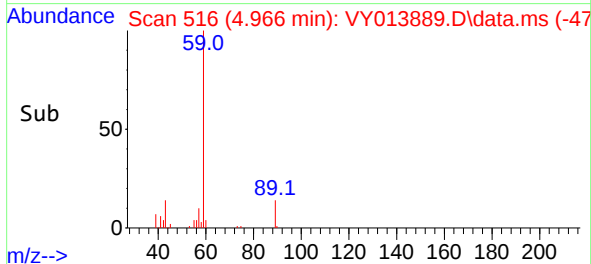
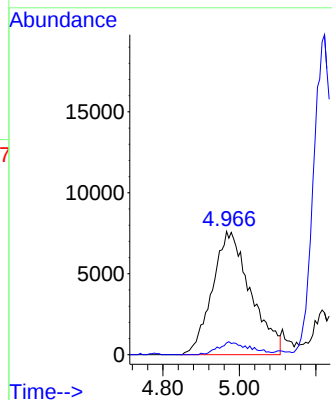
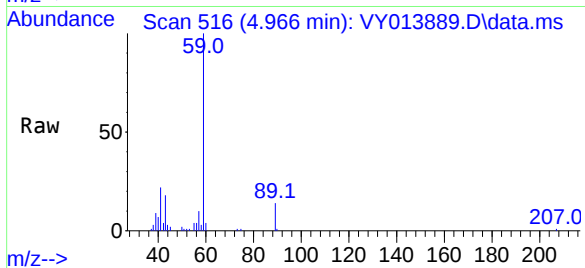
VSTDCCC050

Tgt Ion: 59 Resp: 52867

Ion Ratio Lower Upper

59 100

57 8.4 8.1 12.1



#12

1,1-Dichloroethene

Concen: 43.510 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY013889.D

Acq: 26 May 2023 11:54

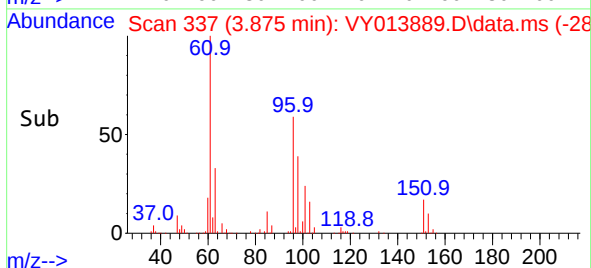
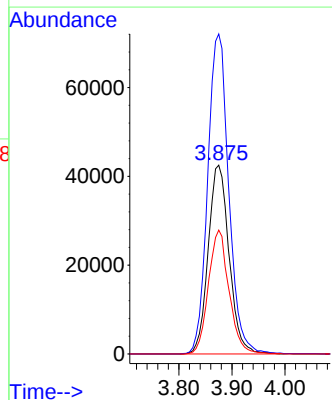
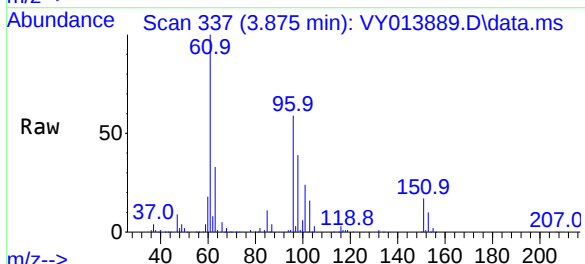
Tgt Ion: 96 Resp: 116628

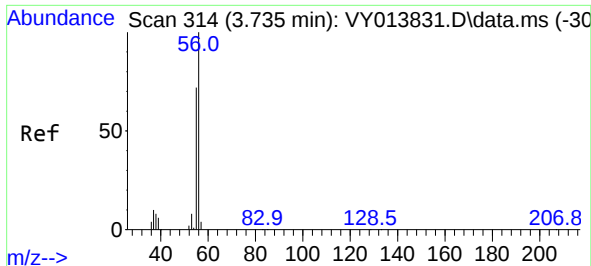
Ion Ratio Lower Upper

96 100

61 169.5 129.0 193.4

98 65.6 52.0 78.0

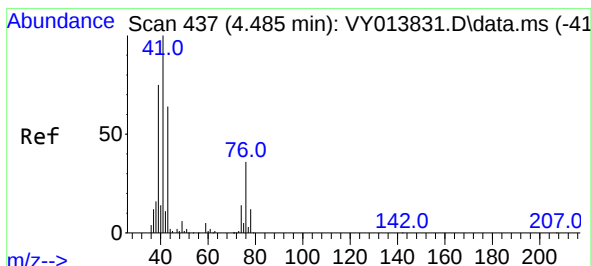
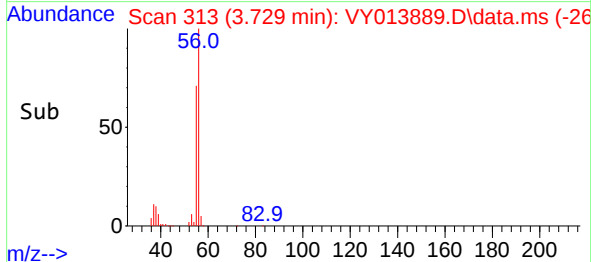
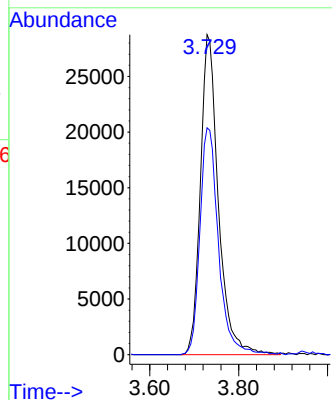
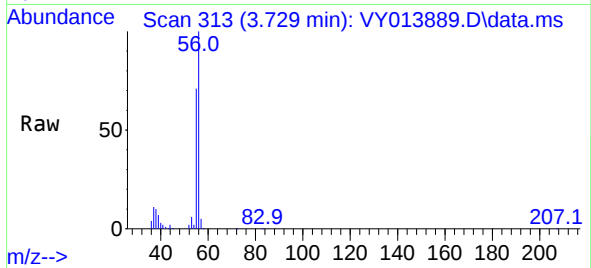




#13
Acrolein
Concen: 221.841 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

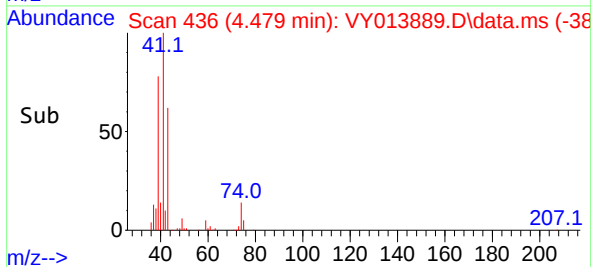
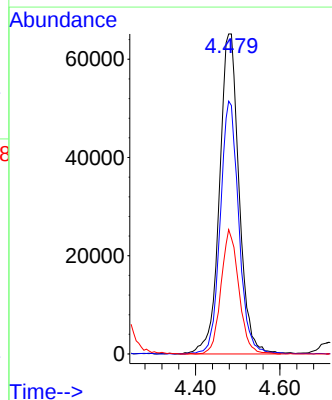
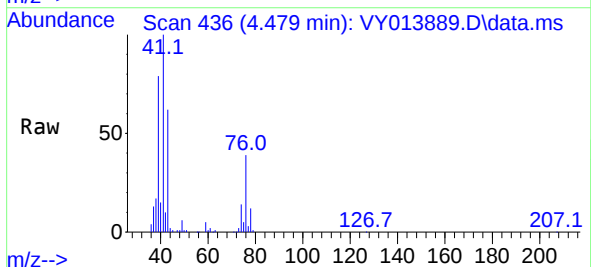
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

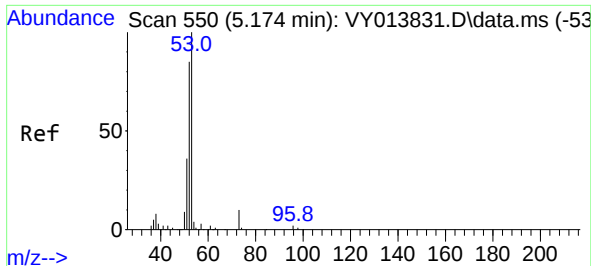
Tgt Ion: 56 Resp: 81042
Ion Ratio Lower Upper
56 100
55 73.2 56.2 84.2



#14
Allyl chloride
Concen: 42.803 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 41 Resp: 209463
Ion Ratio Lower Upper
41 100
39 74.7 58.3 87.5
76 35.2 28.0 42.0

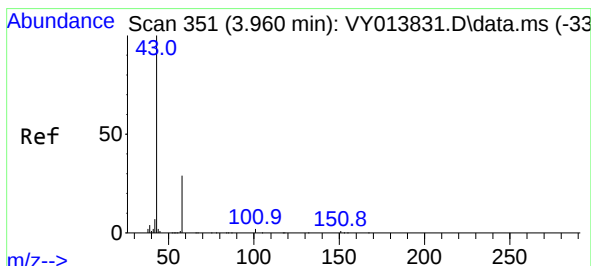
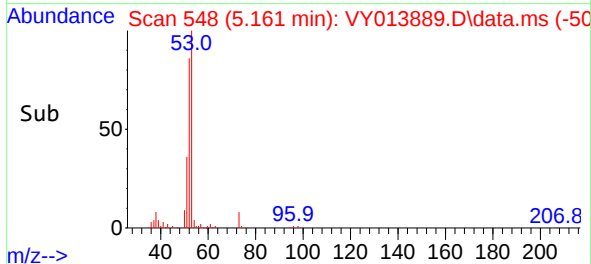
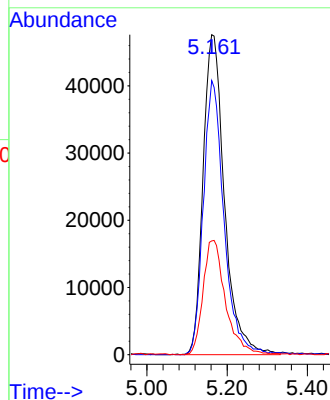
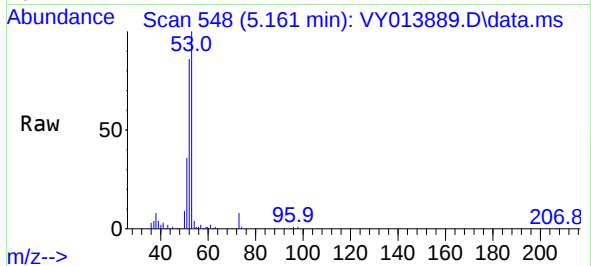




#15
Acrylonitrile
Concen: 212.679 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

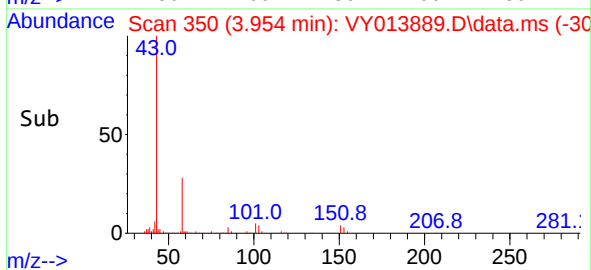
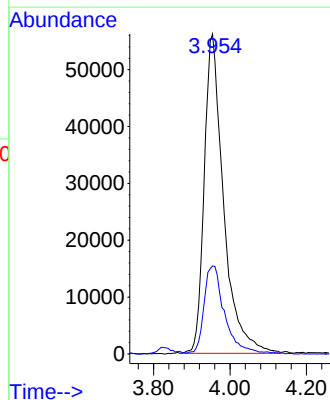
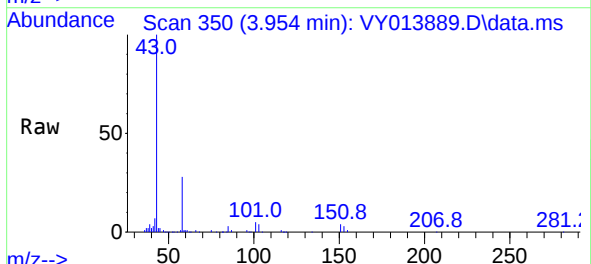
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

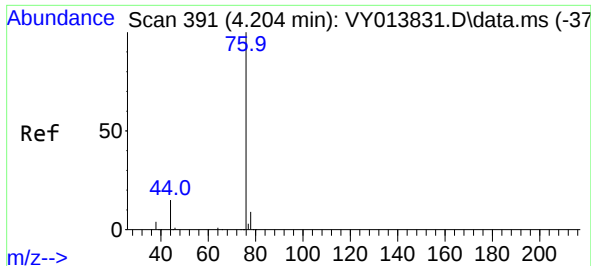
Tgt Ion: 53 Resp: 176038
Ion Ratio Lower Upper
53 100
52 82.9 67.2 100.8
51 37.5 30.2 45.2



#16
Acetone
Concen: 209.345 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 43 Resp: 196980
Ion Ratio Lower Upper
43 100
58 27.4 23.3 34.9

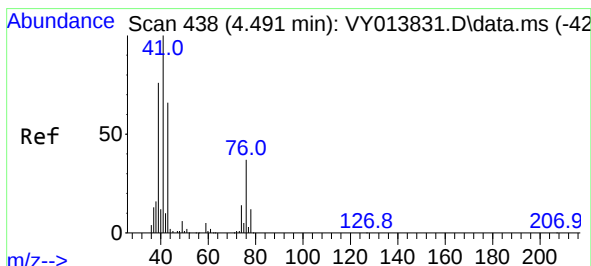
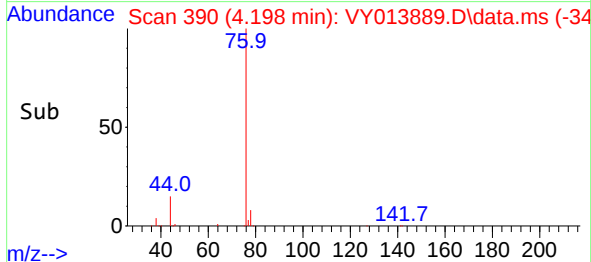
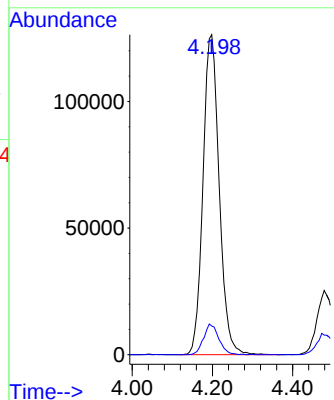
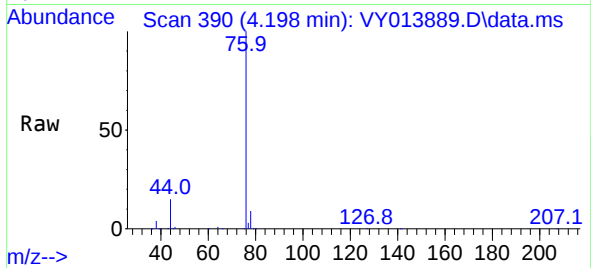




#17
Carbon Disulfide
Concen: 44.349 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

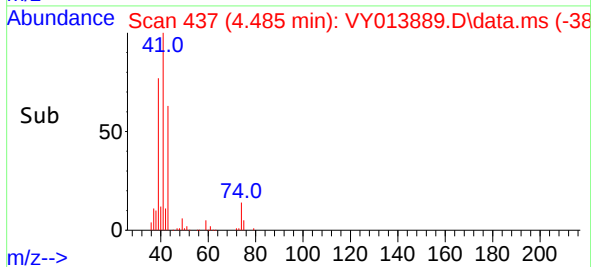
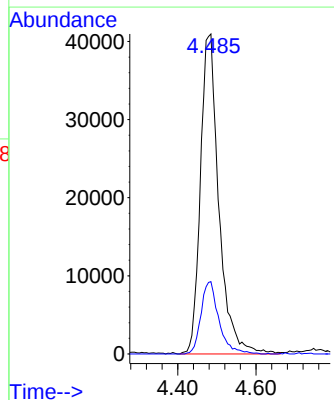
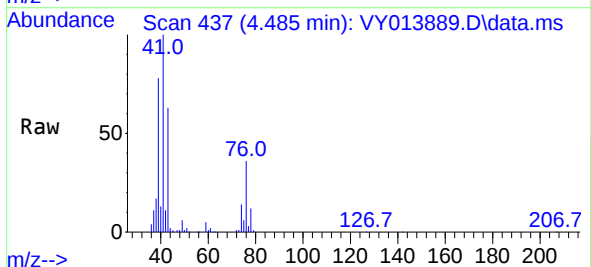
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

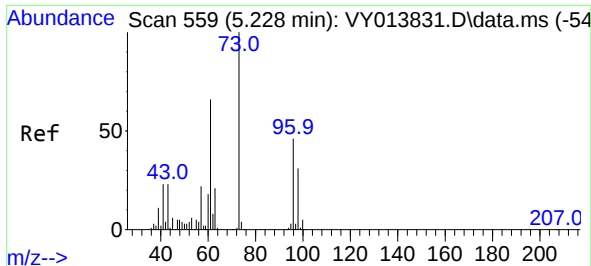
Tgt Ion: 76 Resp: 354844
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 41.040 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 43 Resp: 133970
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 44.034 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY013889.D

Acq: 26 May 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

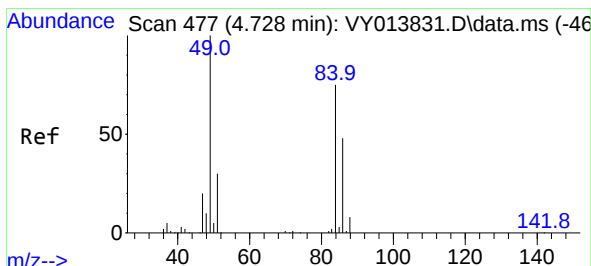
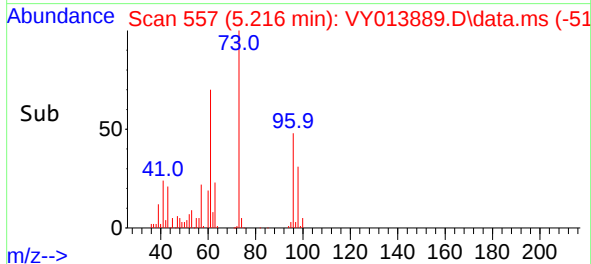
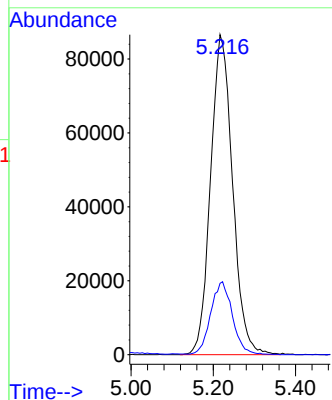
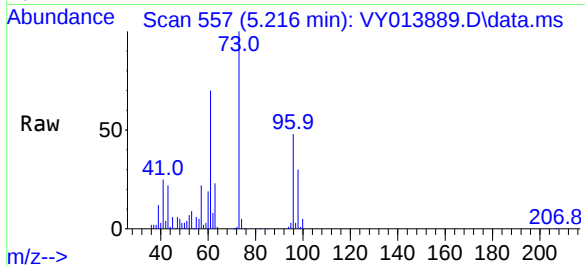
VSTDCCC050

Tgt Ion: 73 Resp: 322111

Ion Ratio Lower Upper

73 100

57 22.3 17.4 26.2



#20

Methylene Chloride

Concen: 48.726 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.012 min

Lab File: VY013889.D

Acq: 26 May 2023 11:54

Tgt Ion: 84 Resp: 162778

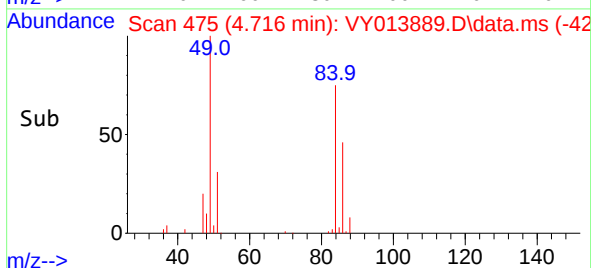
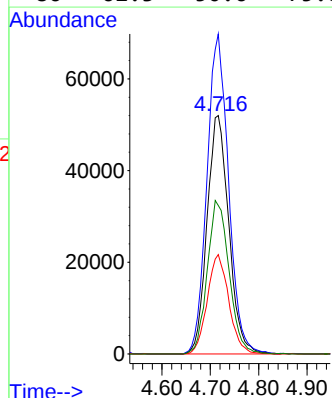
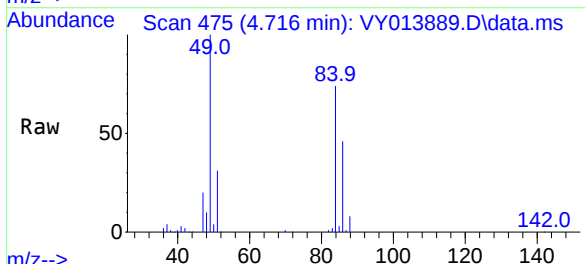
Ion Ratio Lower Upper

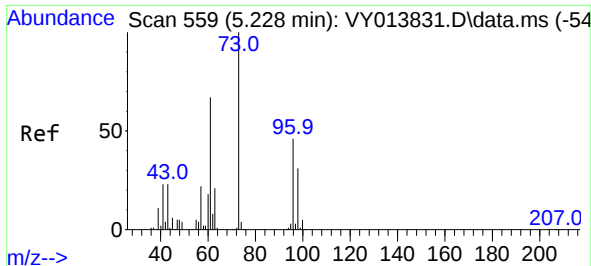
84 100

49 134.3 106.2 159.2

51 41.7 31.4 47.0

86 62.3 50.6 75.8

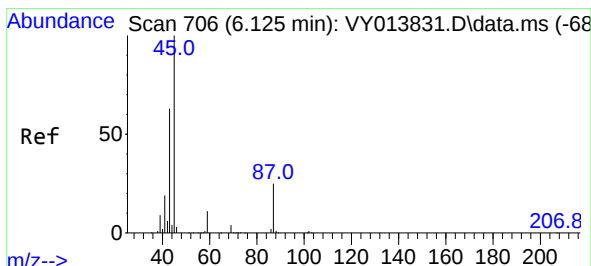
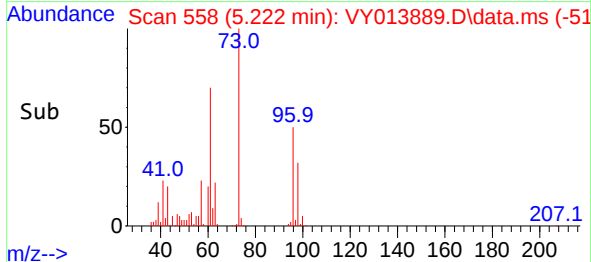
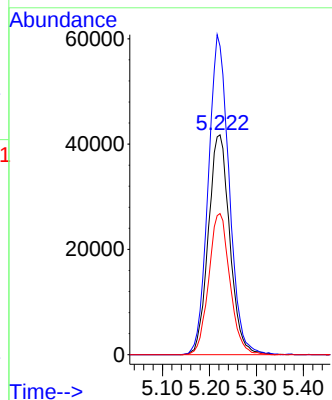
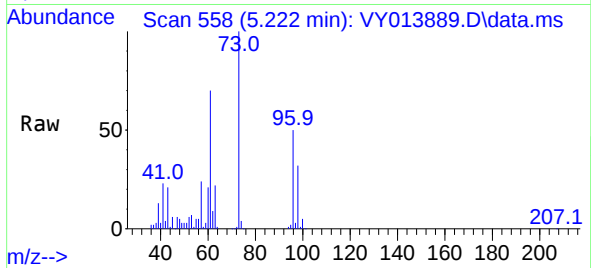




#21
trans-1,2-Dichloroethene
Concen: 45.375 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

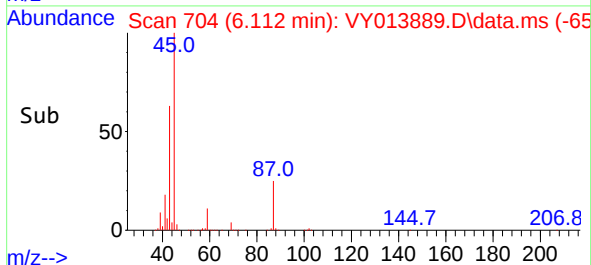
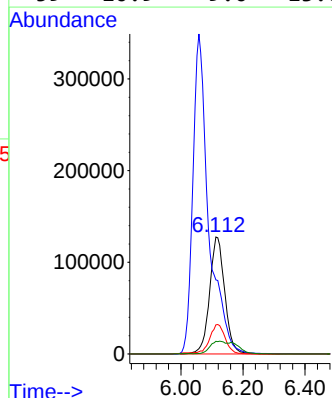
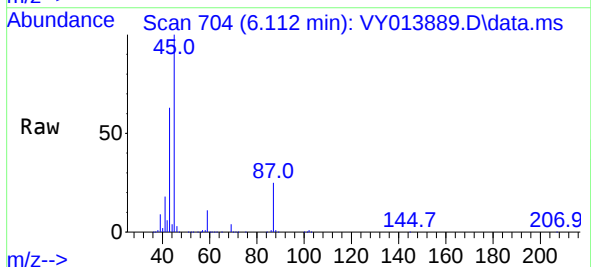
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

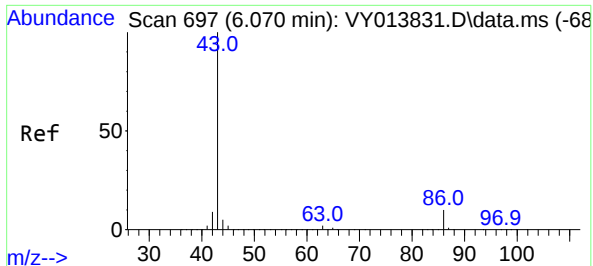
Tgt Ion: 96 Resp: 132215
Ion Ratio Lower Upper
96 100
61 140.3 115.5 173.3
98 64.2 53.7 80.5



#22
Diisopropyl ether
Concen: 45.679 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 45 Resp: 431592
Ion Ratio Lower Upper
45 100
43 63.2 50.6 75.8
87 24.9 20.7 31.1
59 10.9 9.0 13.6

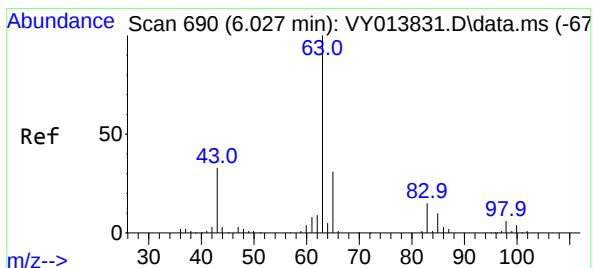
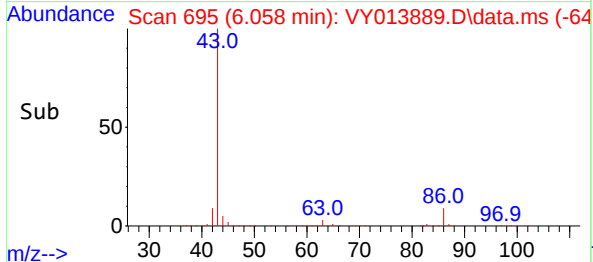
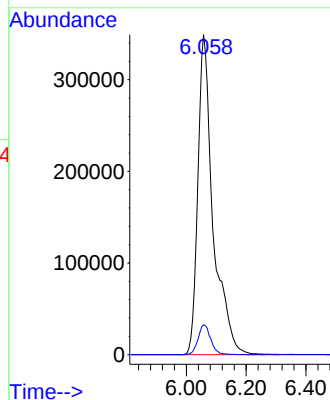
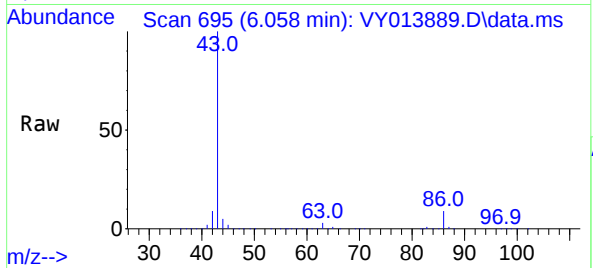




#23
 Vinyl Acetate
 Concen: 224.467 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY013889.D
 Acq: 26 May 2023 11:54

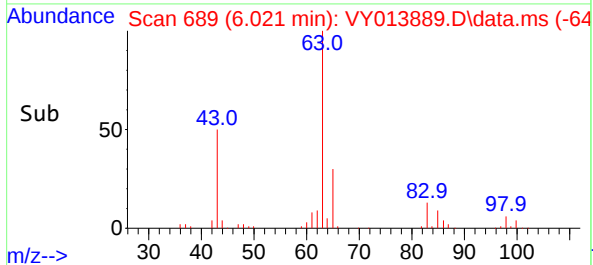
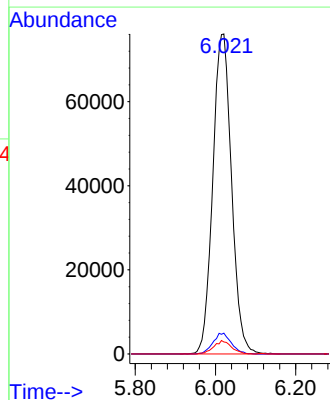
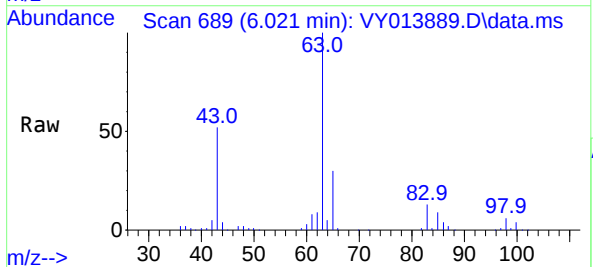
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

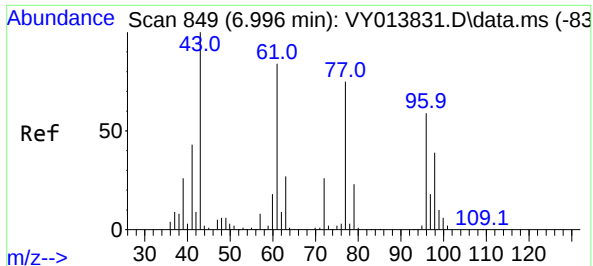
Tgt Ion: 43 Resp: 1235276
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 44.688 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY013889.D
 Acq: 26 May 2023 11:54

Tgt Ion: 63 Resp: 246498
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.2 9.6
 100 3.8 2.1 6.2





#25

2-Butanone

Concen: 201.897 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY013889.D

Acq: 26 May 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

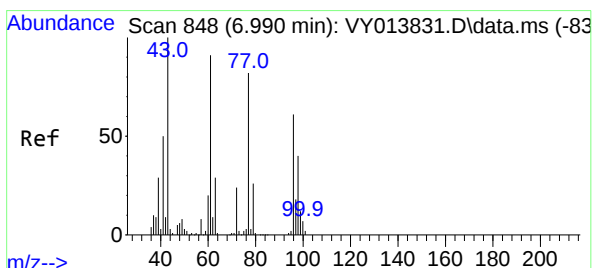
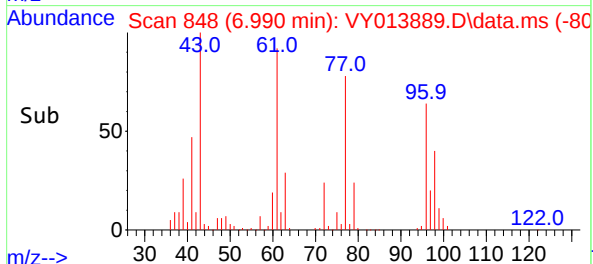
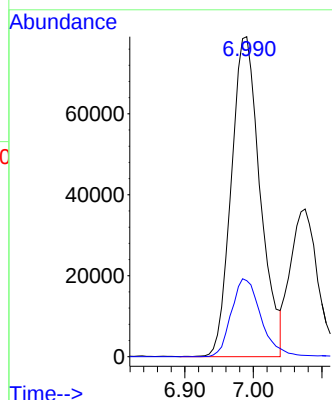
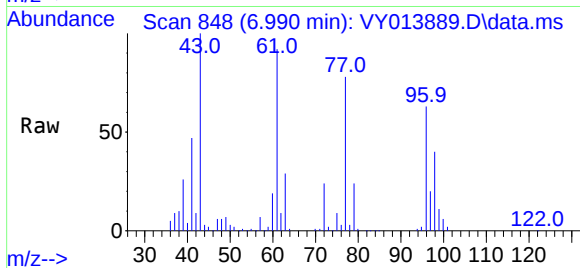
VSTDCCC050

Tgt Ion: 43 Resp: 231811

Ion Ratio Lower Upper

43 100

72 23.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 43.465 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY013889.D

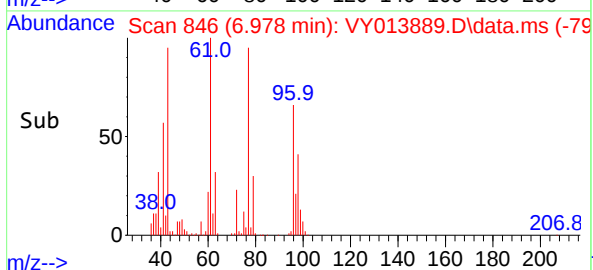
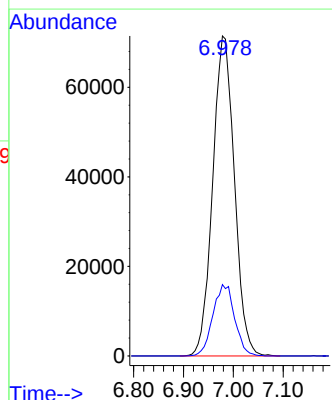
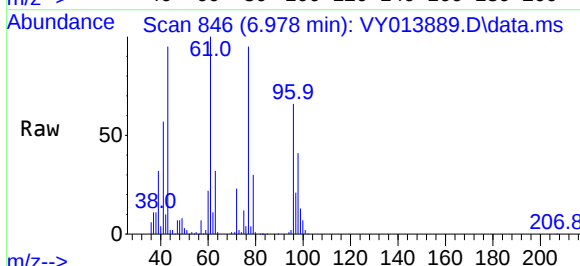
Acq: 26 May 2023 11:54

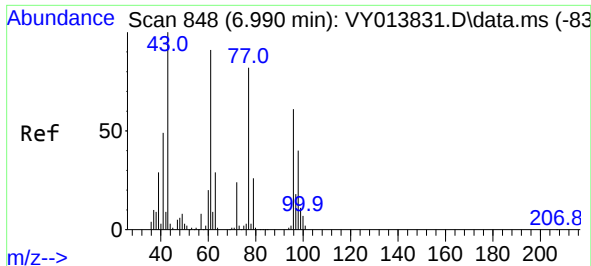
Tgt Ion: 77 Resp: 215958

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6

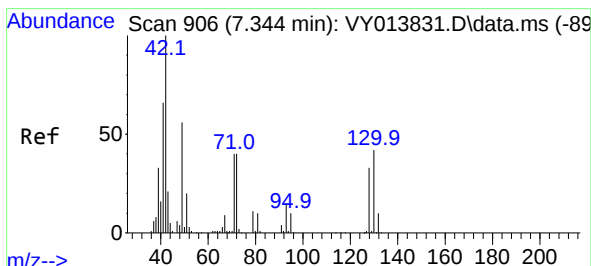
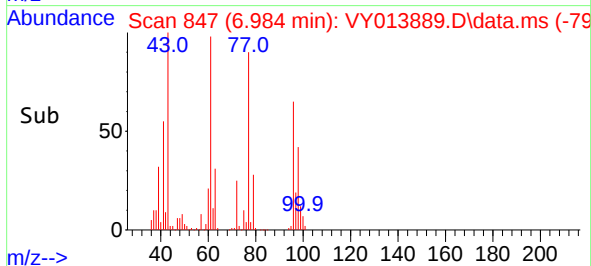
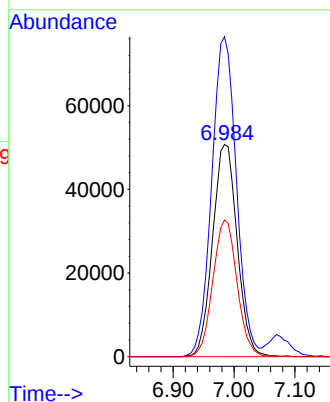
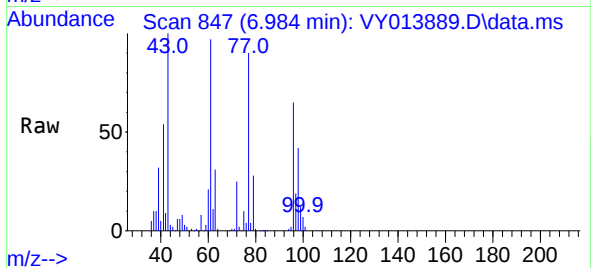




#27
cis-1,2-Dichloroethene
Concen: 43.472 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

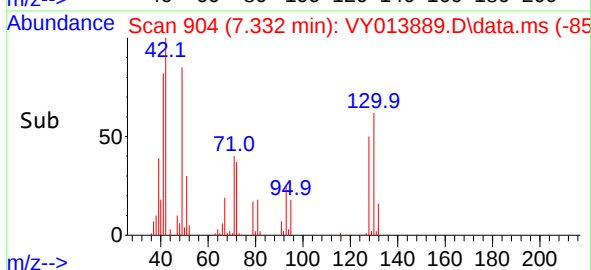
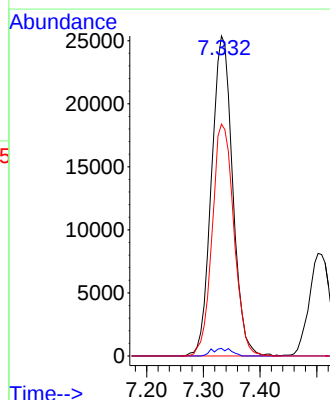
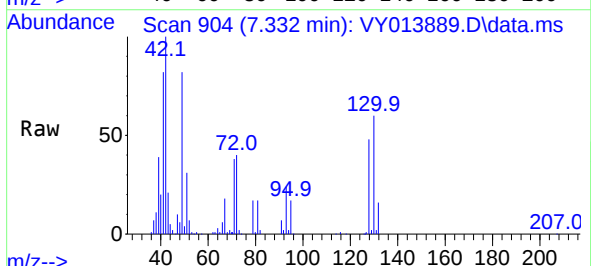
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

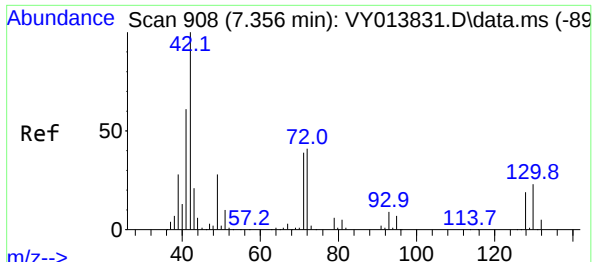
Tgt Ion: 96 Resp: 142297
Ion Ratio Lower Upper
96 100
61 151.8 0.0 296.4
98 63.4 0.0 129.4



#28
Bromochloromethane
Concen: 40.600 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 49 Resp: 65733
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 74.4 60.2 90.2

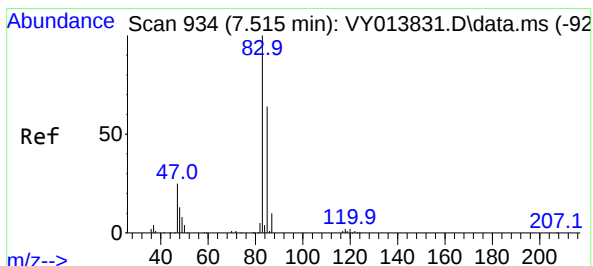
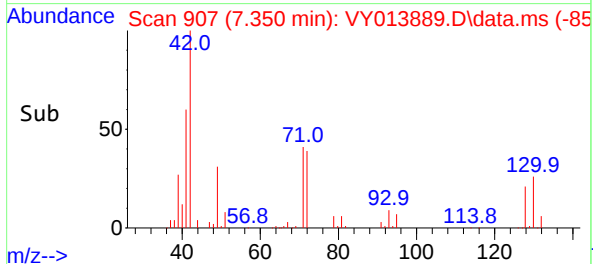
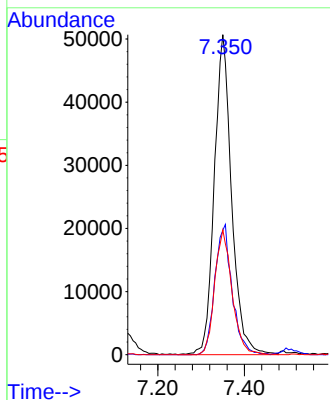
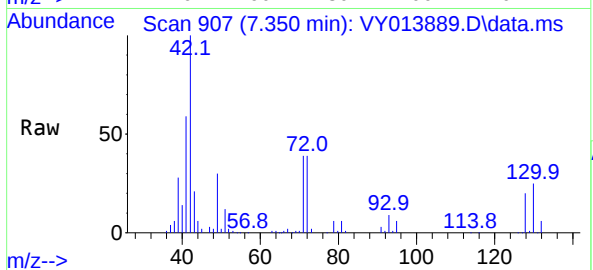




#29
Tetrahydrofuran
Concen: 205.679 ug/l
RT: 7.350 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

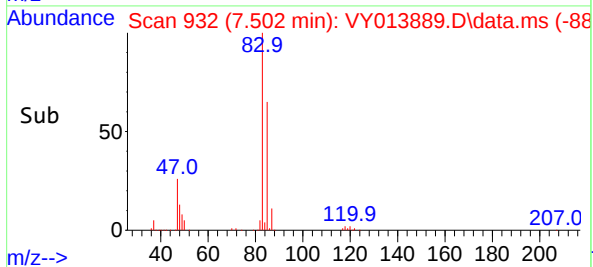
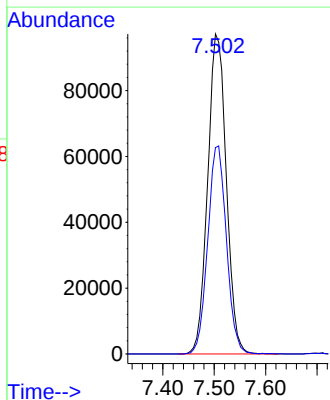
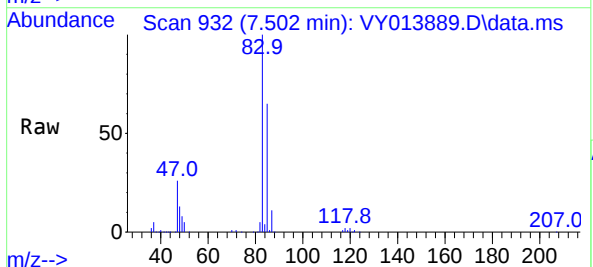
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

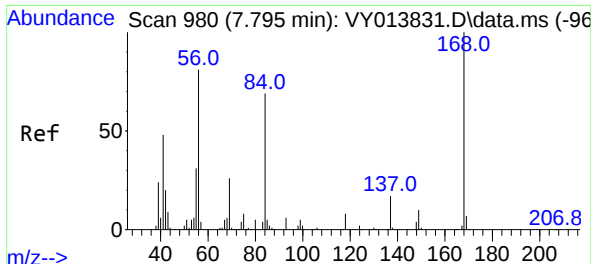
Tgt Ion:	42	Resp:	140994
Ion	Ratio	Lower	Upper
42	100		
72	40.6	31.7	47.5
71	39.1	30.6	45.8



#30
Chloroform
Concen: 43.748 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.012 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion:	83	Resp:	244650
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.0	76.6

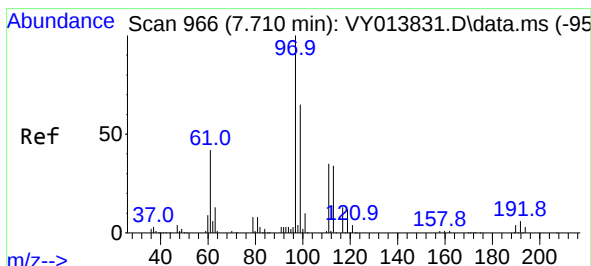
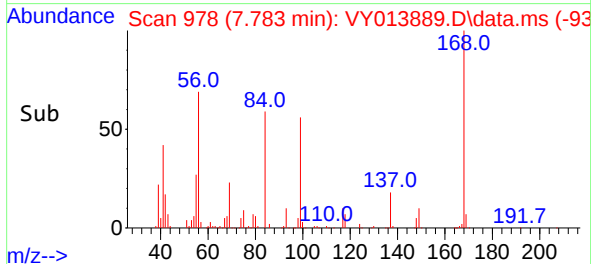
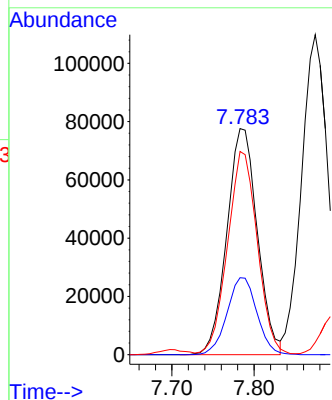
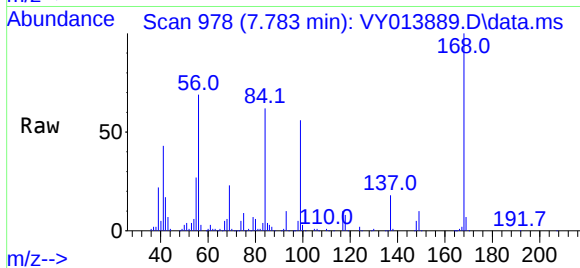




#31
Cyclohexane
Concen: 41.033 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

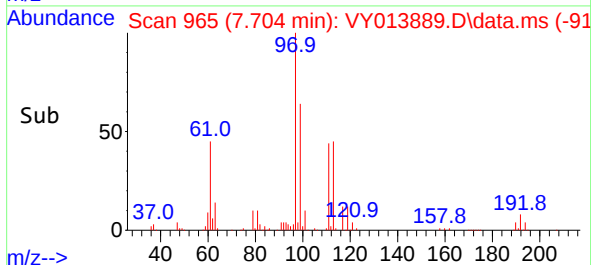
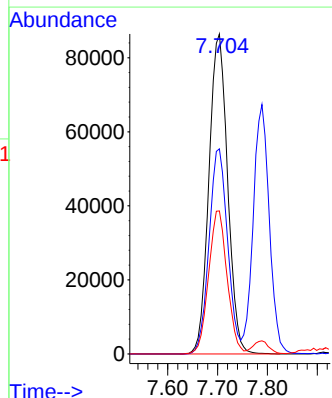
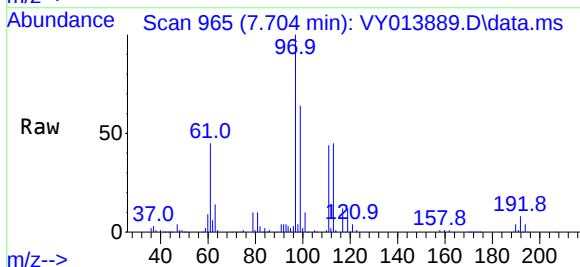
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

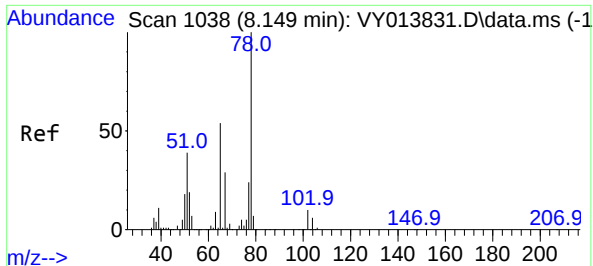
Tgt Ion: 56 Resp: 199870
Ion Ratio Lower Upper
56 100
69 34.0 25.8 38.8
84 88.3 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 44.029 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 97 Resp: 224624
Ion Ratio Lower Upper
97 100
99 63.7 50.5 75.7
61 44.4 35.0 52.4

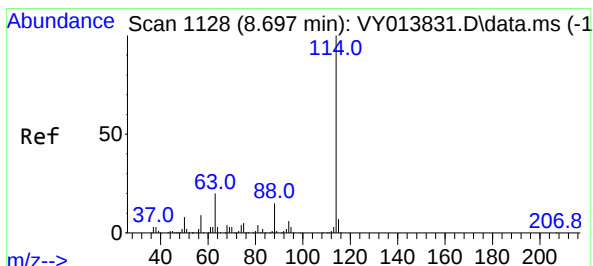
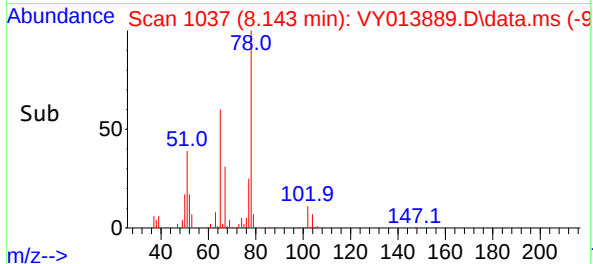
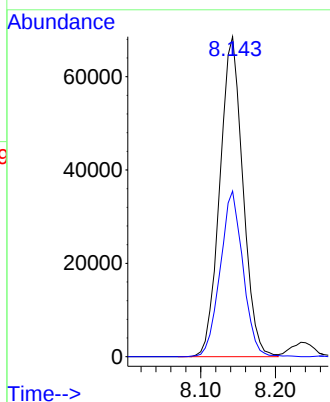
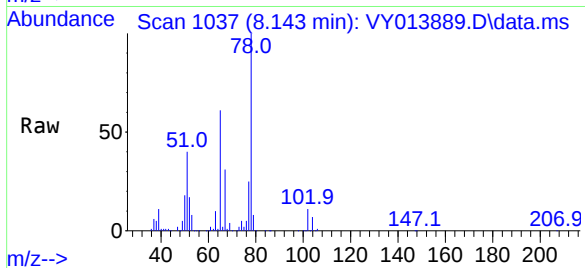




#33
1,2-Dichloroethane-d4
Concen: 46.470 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

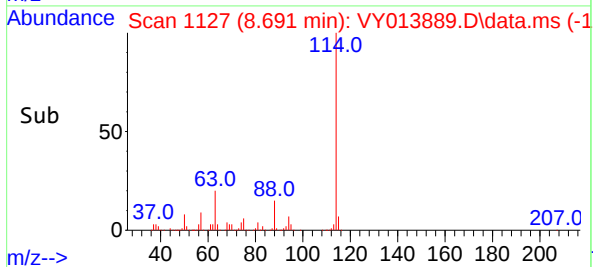
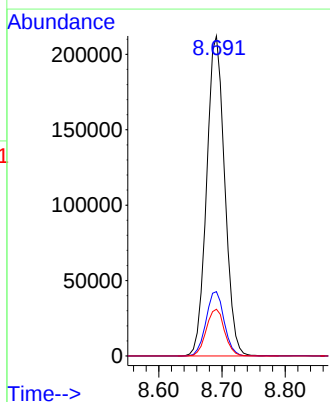
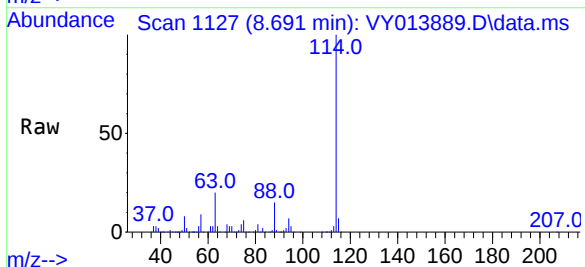
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

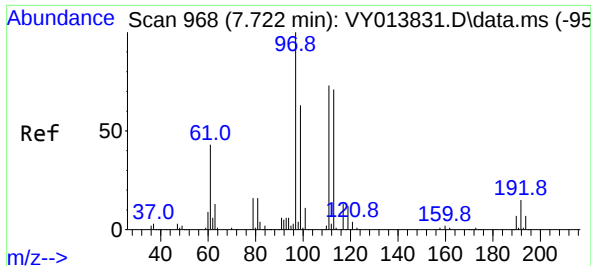
Tgt Ion: 65 Resp: 147322
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 114 Resp: 420322
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.2
88 14.6 0.0 30.0

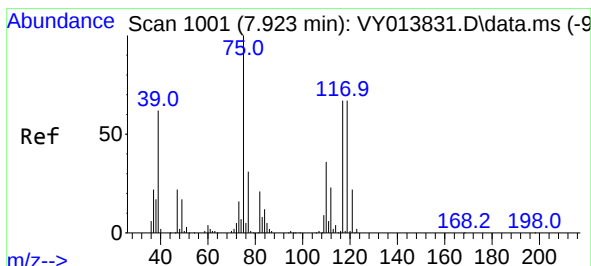
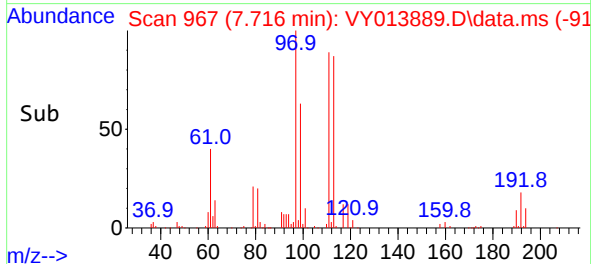
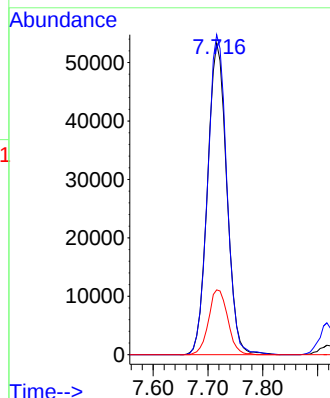
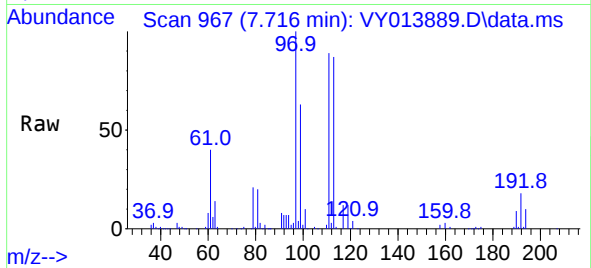




#35
Dibromofluoromethane
Concen: 47.701 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

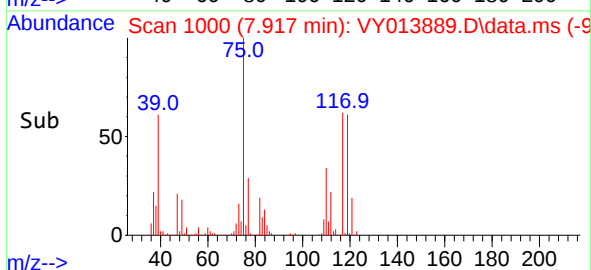
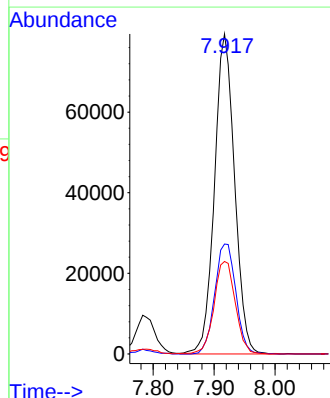
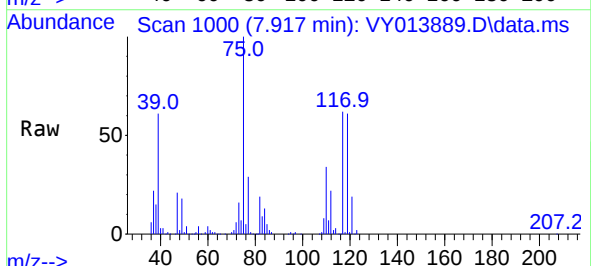
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

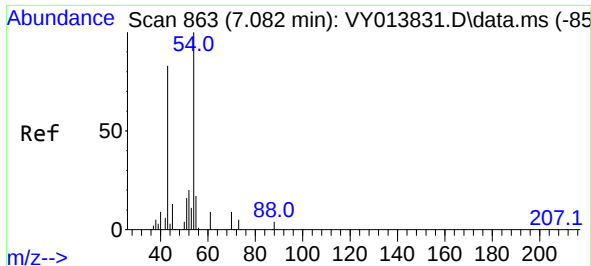
Tgt Ion:113 Resp: 129482
Ion Ratio Lower Upper
113 100
111 101.9 80.4 120.6
192 20.8 16.6 25.0



#36
1,1-Dichloropropene
Concen: 44.008 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 75 Resp: 181952
Ion Ratio Lower Upper
75 100
110 36.1 17.5 52.6
77 30.6 24.4 36.6

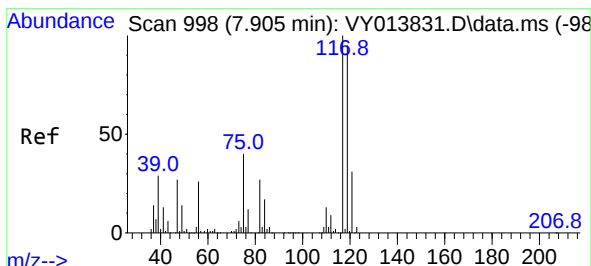
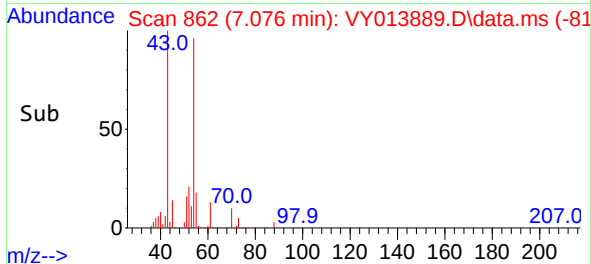
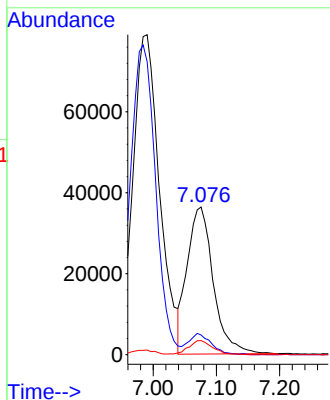
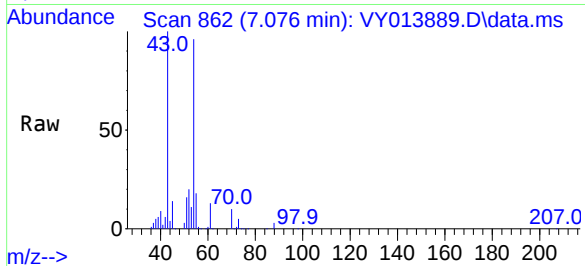




#37
Ethyl Acetate
Concen: 41.241 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

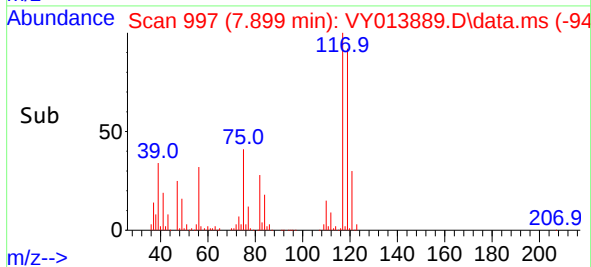
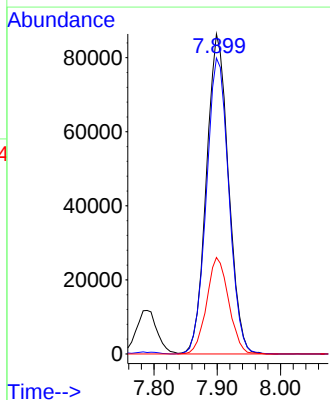
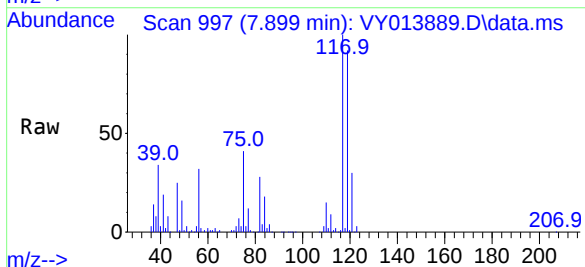
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

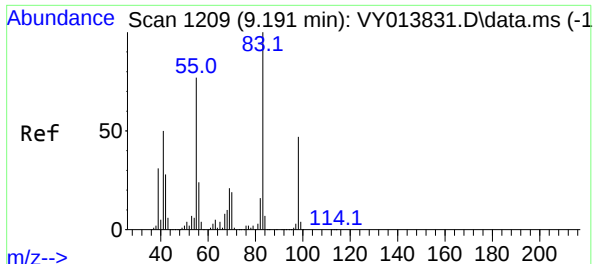
Tgt Ion: 43 Resp: 104010
Ion Ratio Lower Upper
43 100
61 12.4 10.5 15.7
70 8.9 6.9 10.3



#38
Carbon Tetrachloride
Concen: 44.688 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 117 Resp: 210116
Ion Ratio Lower Upper
117 100
119 92.5 75.6 113.4
121 30.2 24.8 37.2





#39

Methylcyclohexane

Concen: 43.540 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013889.D

Acq: 26 May 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

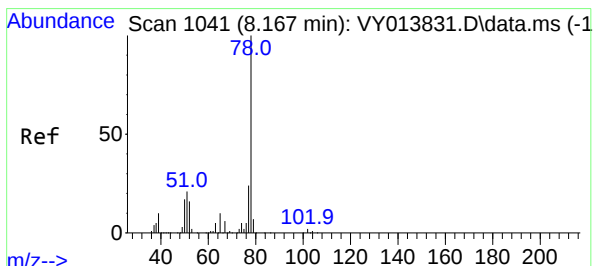
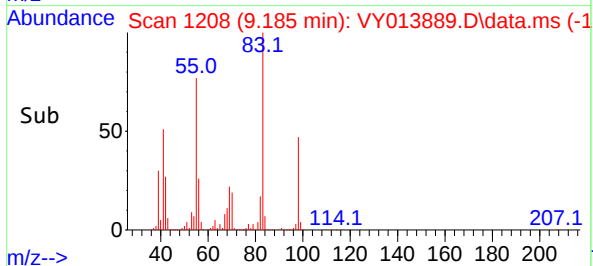
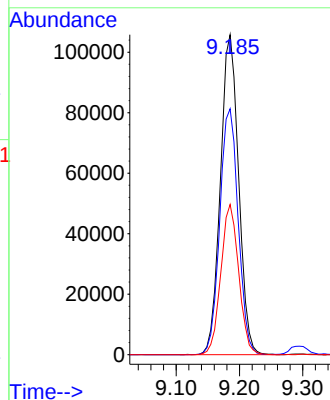
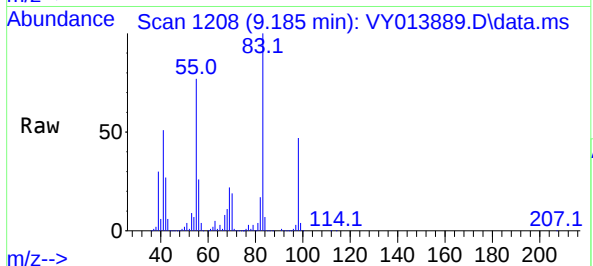
Tgt Ion: 83 Resp: 210820

Ion Ratio Lower Upper

83 100

55 76.8 61.6 92.4

98 47.0 38.0 57.0



#40

Benzene

Concen: 43.275 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY013889.D

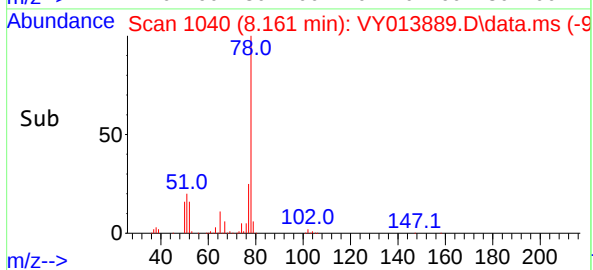
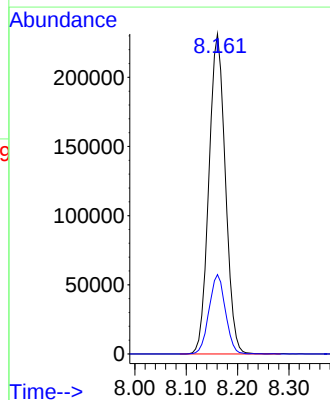
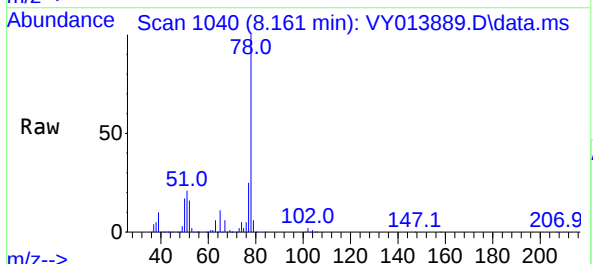
Acq: 26 May 2023 11:54

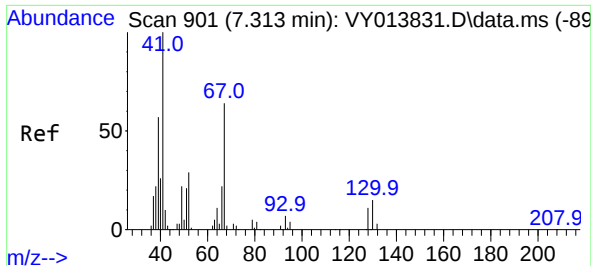
Tgt Ion: 78 Resp: 513892

Ion Ratio Lower Upper

78 100

77 24.8 19.5 29.3



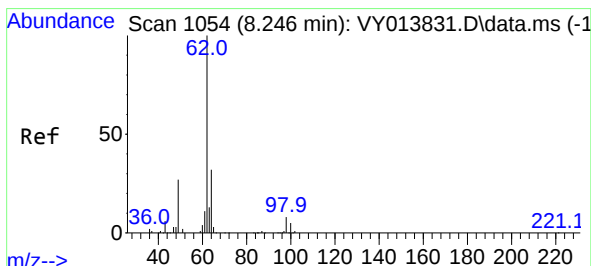
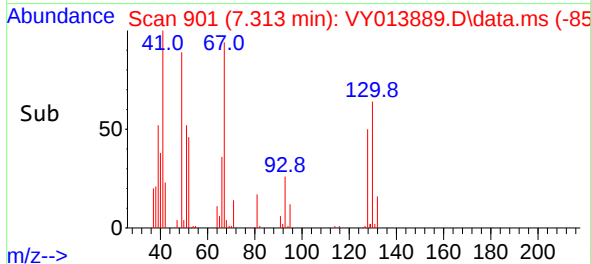
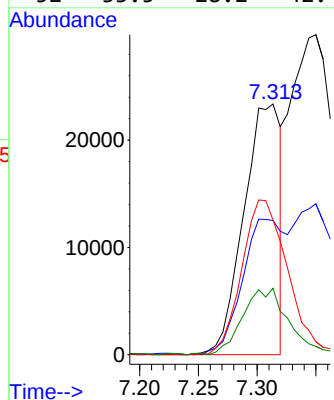
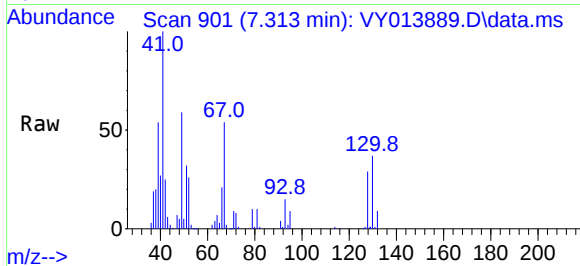


#41
Methacrylonitrile
Concen: 37.224 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 51222

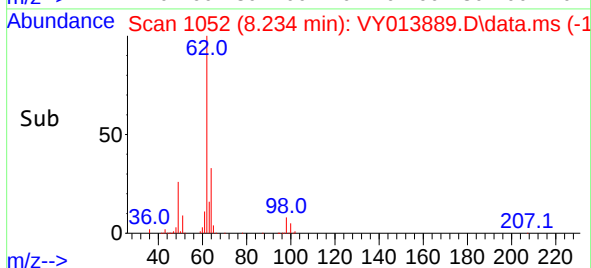
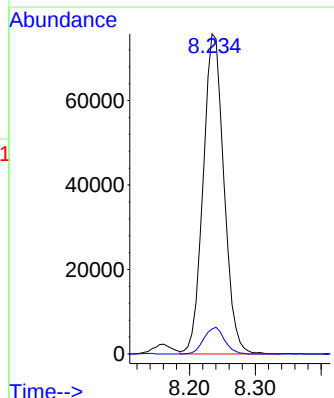
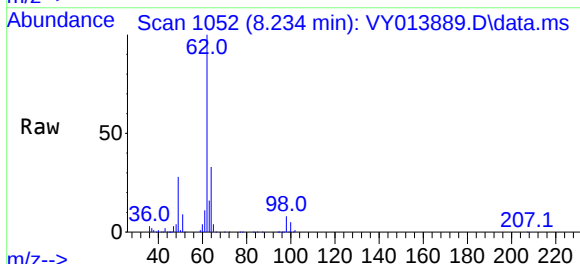
Ion	Ratio	Lower	Upper
41	100		
39	63.7	44.1	66.1
67	77.0	63.7	95.5
52	33.5	28.2	42.4

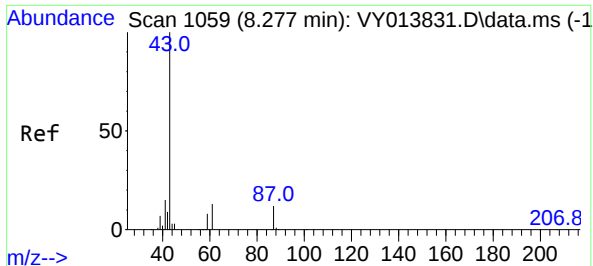


#42
1,2-Dichloroethane
Concen: 42.892 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 62 Resp: 166766

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8

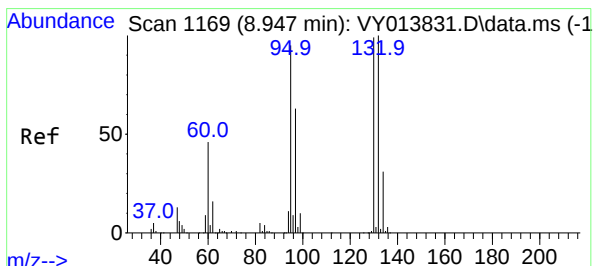
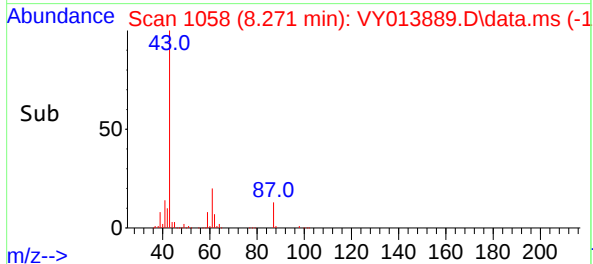
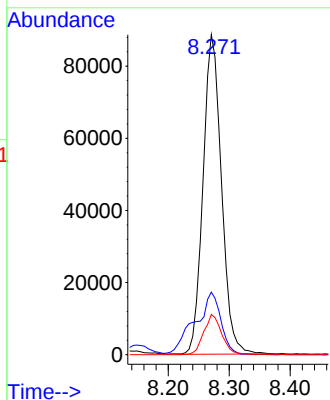
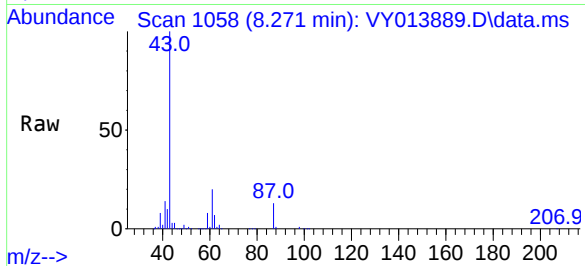




#43
Isopropyl Acetate
Concen: 40.566 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

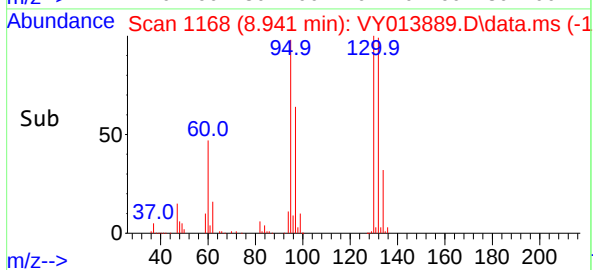
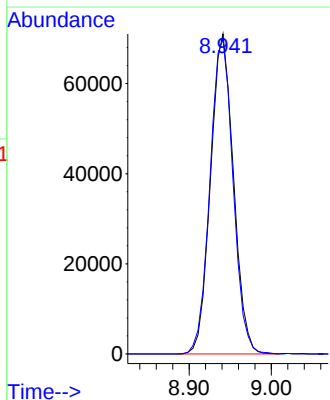
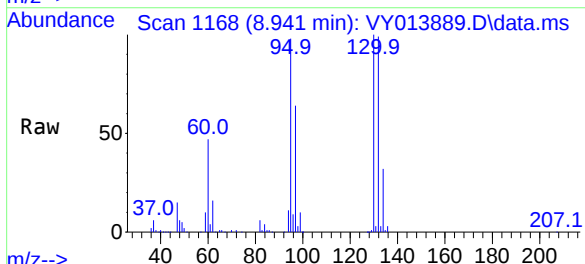
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

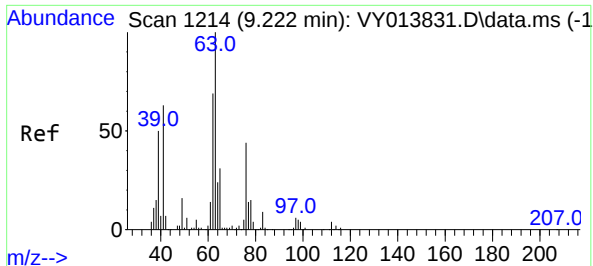
Tgt Ion: 43 Resp: 186429
Ion Ratio Lower Upper
43 100
61 27.5 21.1 31.7
87 12.3 9.8 14.6



#44
Trichloroethene
Concen: 42.847 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion:130 Resp: 137081
Ion Ratio Lower Upper
130 100
95 98.4 0.0 192.8

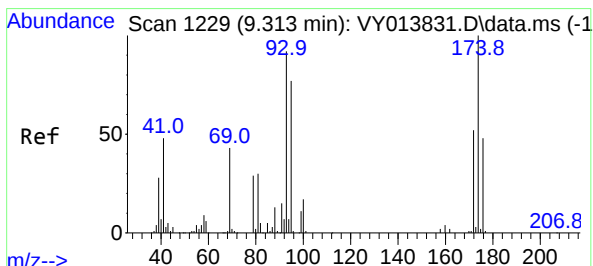
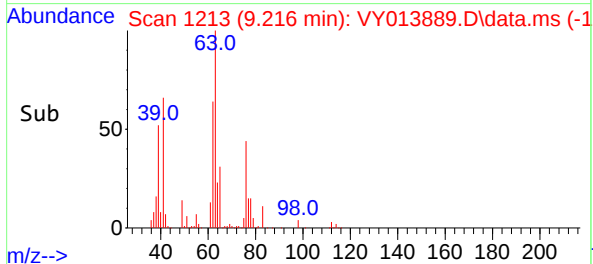
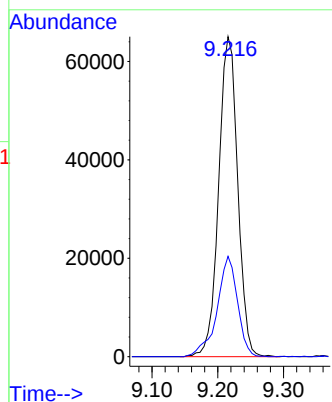
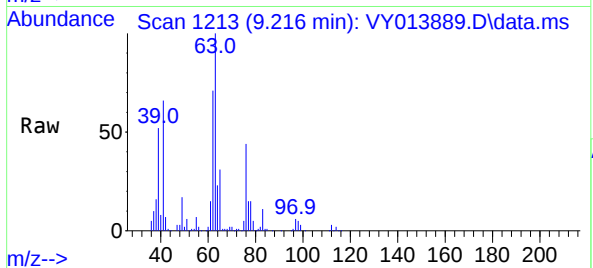




#45
1,2-Dichloropropane
Concen: 43.017 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

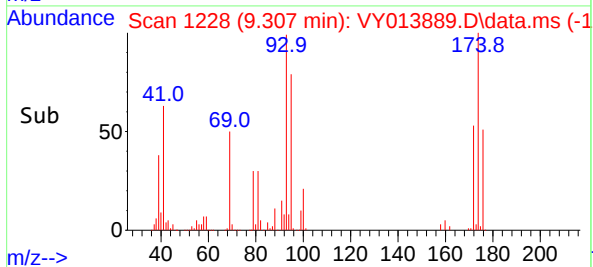
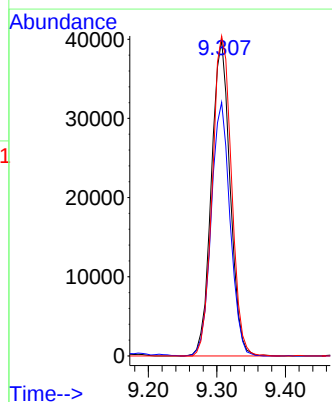
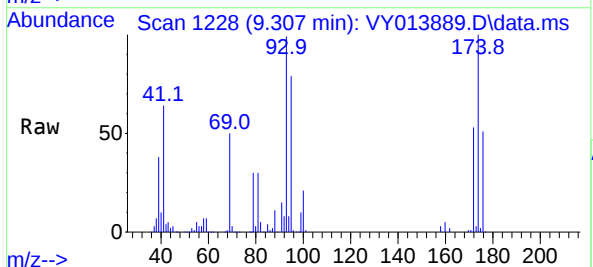
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

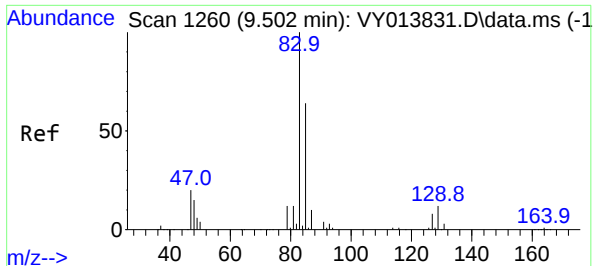
Tgt Ion: 63 Resp: 130860
Ion Ratio Lower Upper
63 100
65 31.4 24.7 37.1



#46
Dibromomethane
Concen: 43.438 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 93 Resp: 75679
Ion Ratio Lower Upper
93 100
95 80.9 66.4 99.6
174 103.1 83.9 125.9





#47

Bromodichloromethane

Concen: 43.766 ug/l

RT: 9.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013889.D

Acq: 26 May 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

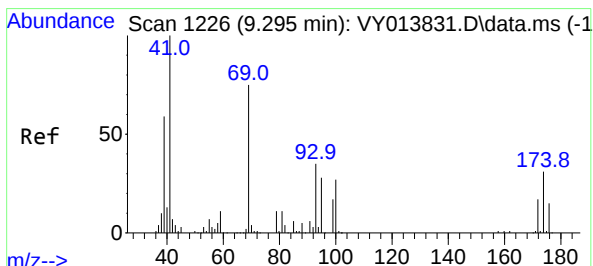
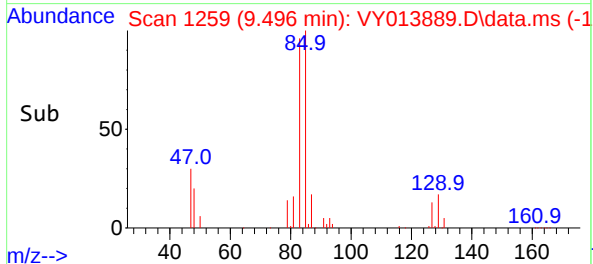
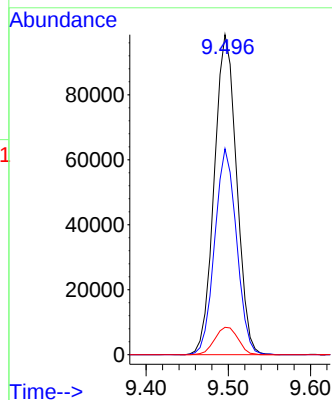
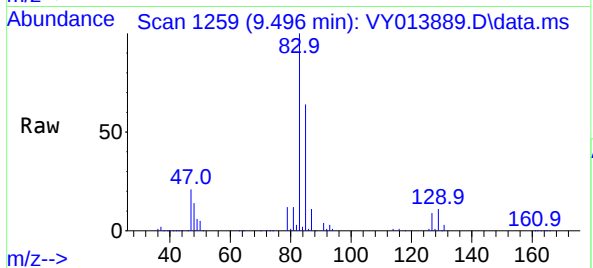
Tgt Ion: 83 Resp: 185824

Ion Ratio Lower Upper

83 100

85 64.3 51.5 77.3

127 8.6 6.6 10.0



#48

Methyl methacrylate

Concen: 42.096 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY013889.D

Acq: 26 May 2023 11:54

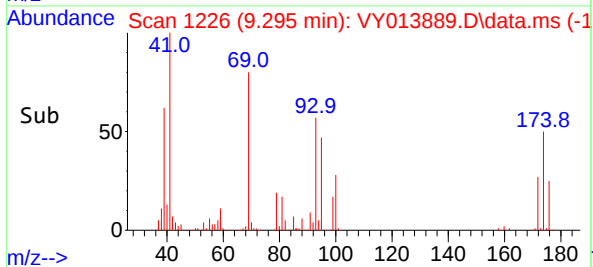
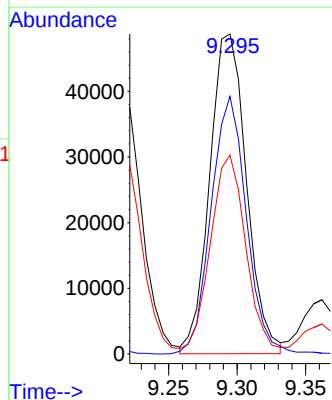
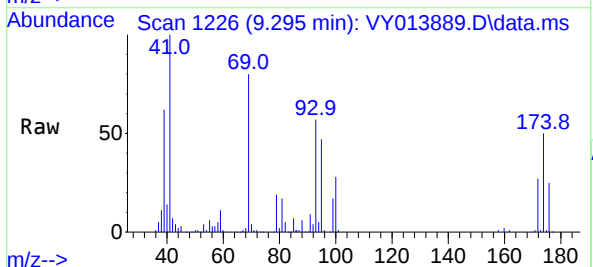
Tgt Ion: 41 Resp: 90846

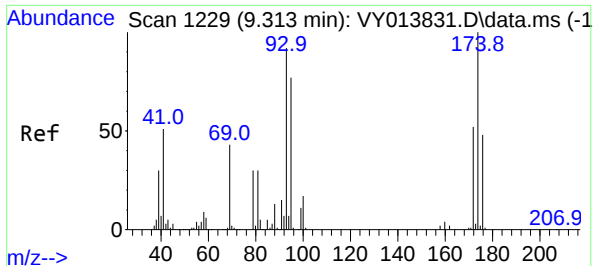
Ion Ratio Lower Upper

41 100

69 77.6 62.0 93.0

39 57.2 45.7 68.5





#49

1,4-Dioxane

Concen: 828.989 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013889.D

Acq: 26 May 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

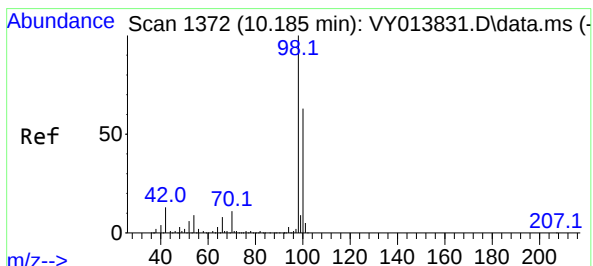
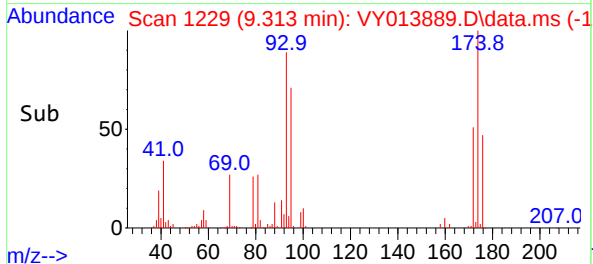
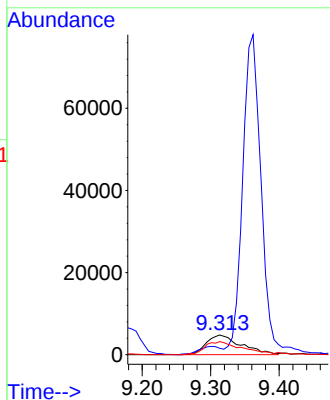
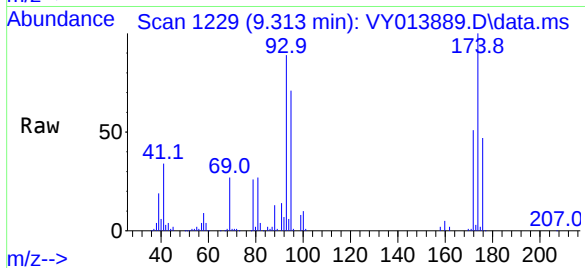
Tgt Ion: 88 Resp: 16974

Ion Ratio Lower Upper

88 100

43 27.9 0.0 0.0#

58 70.3 59.0 88.6



#50

Toluene-d8

Concen: 46.302 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY013889.D

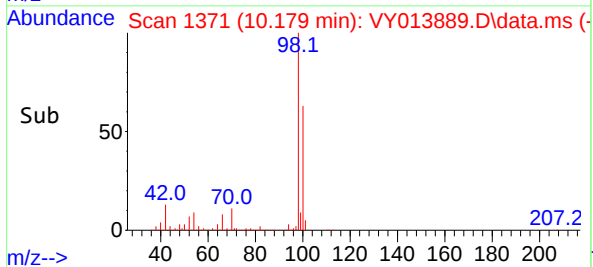
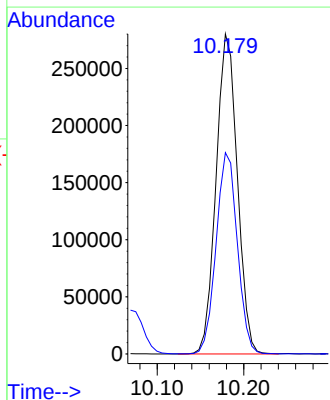
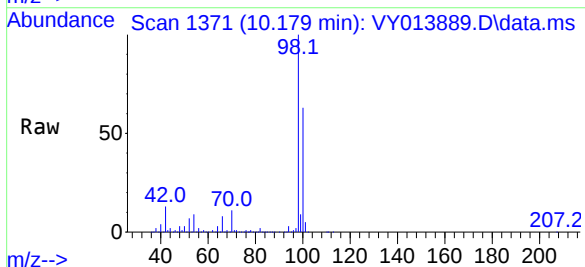
Acq: 26 May 2023 11:54

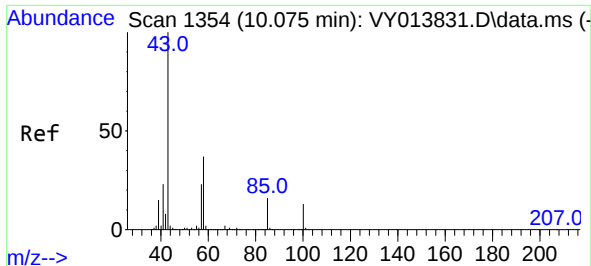
Tgt Ion: 98 Resp: 477689

Ion Ratio Lower Upper

98 100

100 62.9 50.8 76.2

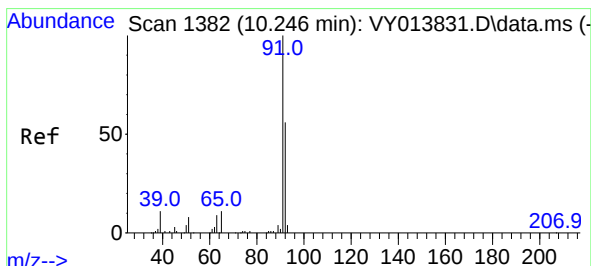
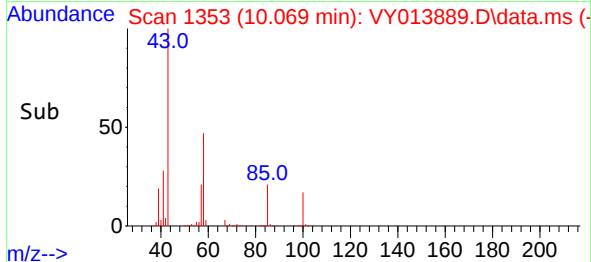
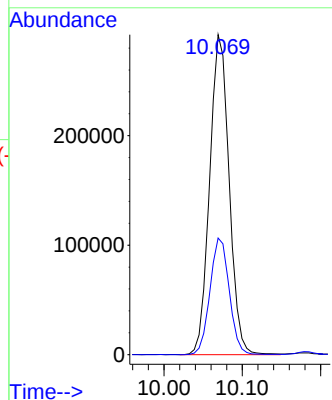
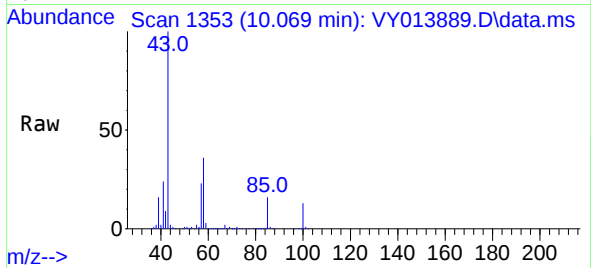




#51
4-Methyl-2-Pentanone
Concen: 205.689 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

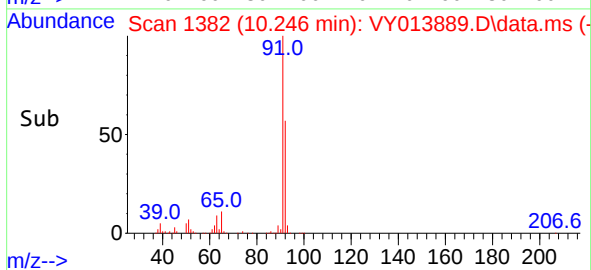
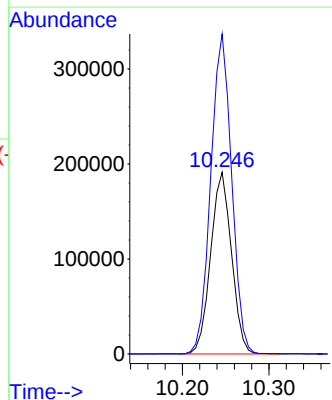
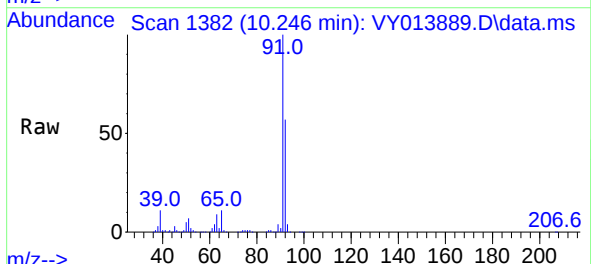
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

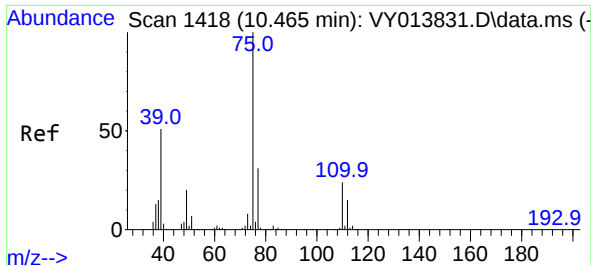
Tgt Ion: 43 Resp: 503763
Ion Ratio Lower Upper
43 100
58 36.2 29.1 43.7



#52
Toluene
Concen: 44.177 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 92 Resp: 319864
Ion Ratio Lower Upper
92 100
91 176.6 142.2 213.4

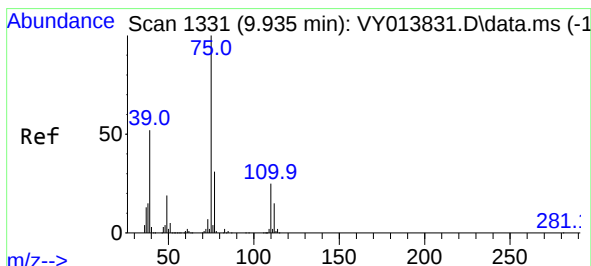
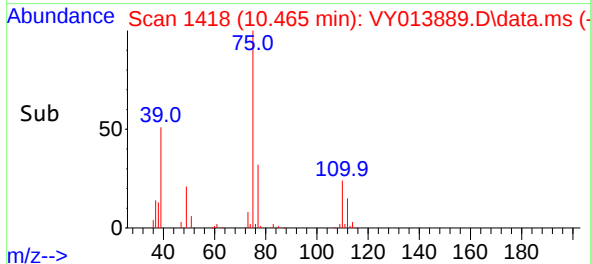
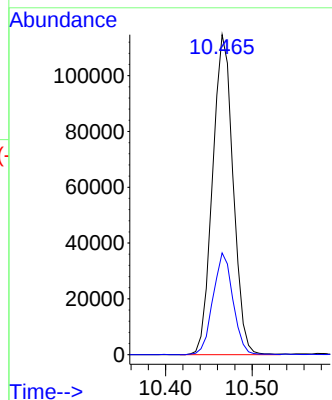
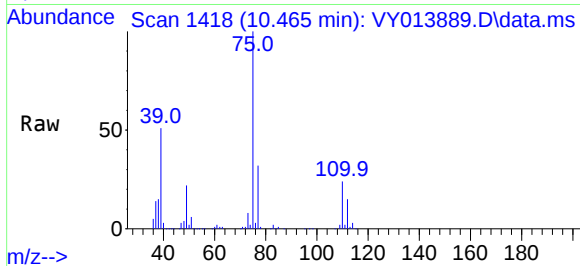




#53
t-1,3-Dichloropropene
Concen: 43.691 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

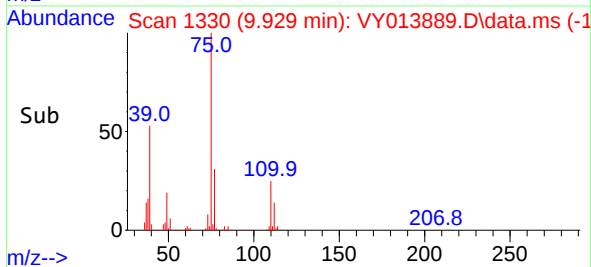
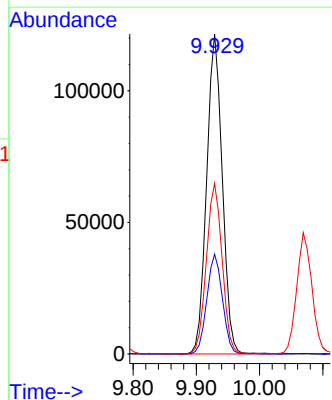
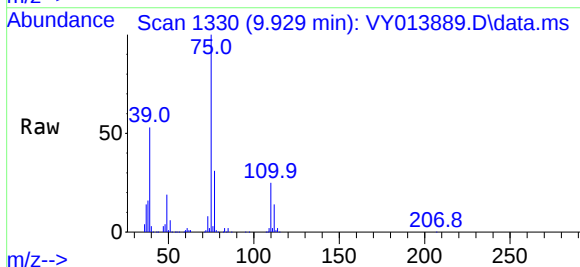
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

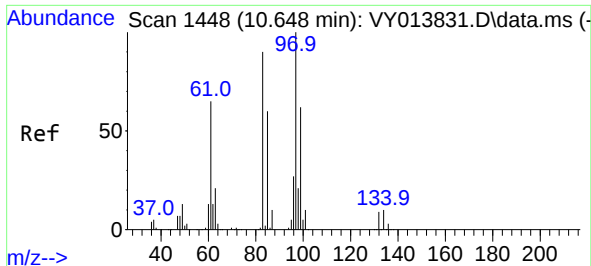
Tgt Ion: 75 Resp: 188827
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 43.209 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 75 Resp: 209209
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 53.3 41.8 62.8



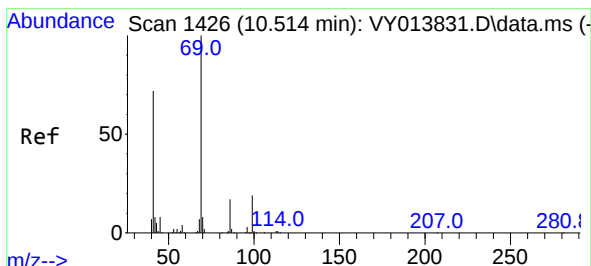
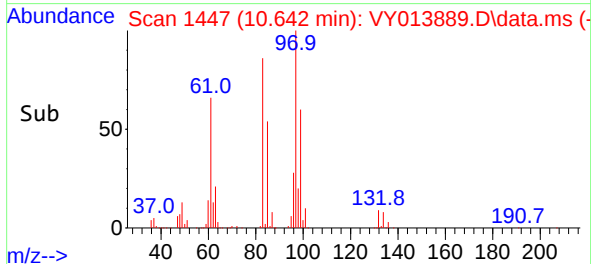
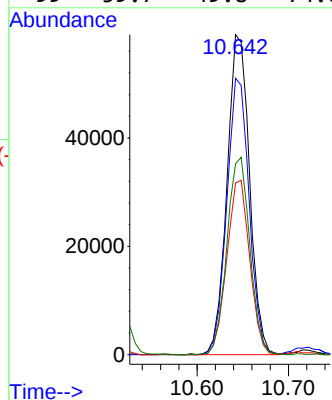
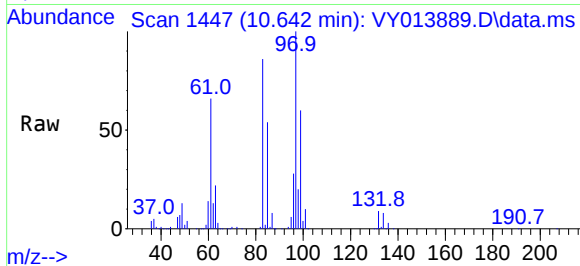


#55
1,1,2-Trichloroethane
Concen: 43.206 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 101270

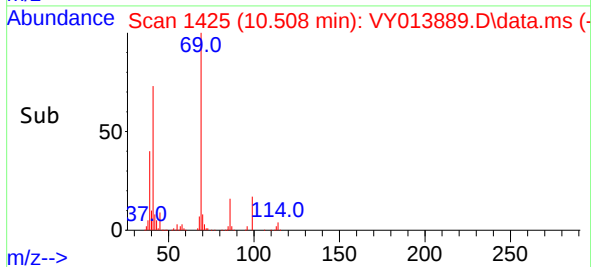
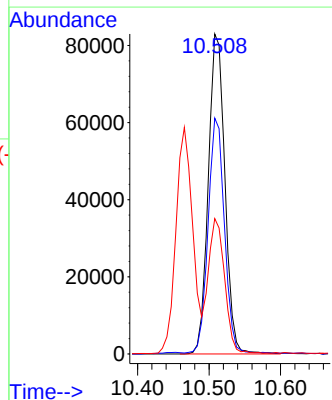
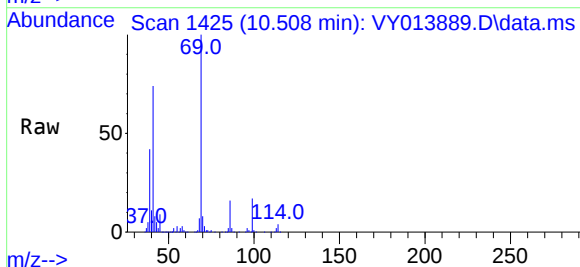
Ion	Ratio	Lower	Upper
97	100		
83	86.4	71.9	107.9
85	53.7	47.6	71.4
99	59.7	49.8	74.6

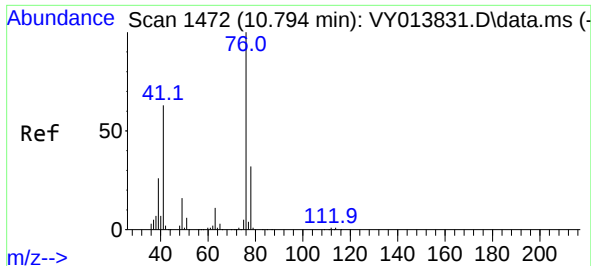


#56
Ethyl methacrylate
Concen: 42.720 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 69 Resp: 133662

Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.8	86.6
39	41.4	33.9	50.9





#57

1,3-Dichloropropane

Concen: 42.798 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY013889.D

Acq: 26 May 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

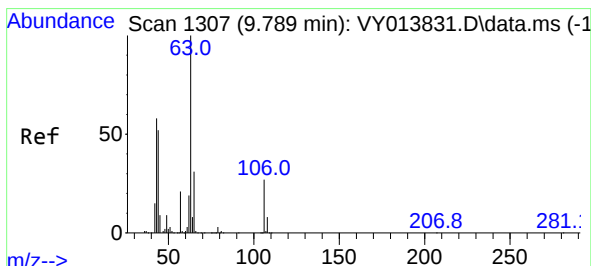
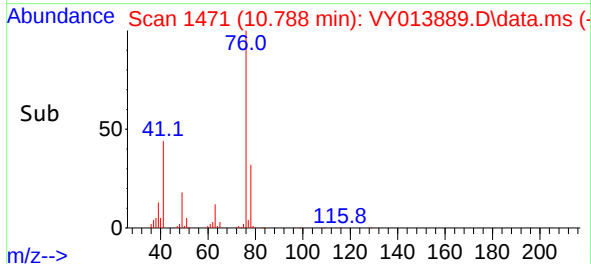
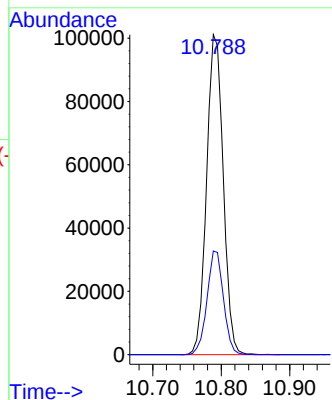
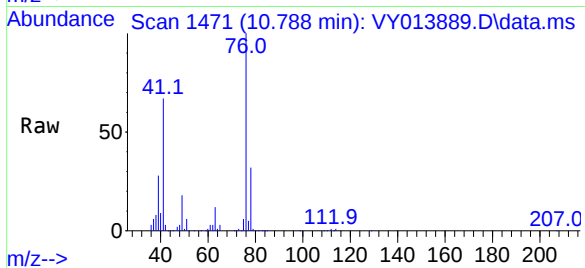
VSTDCCC050

Tgt Ion: 76 Resp: 170842

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 187.155 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY013889.D

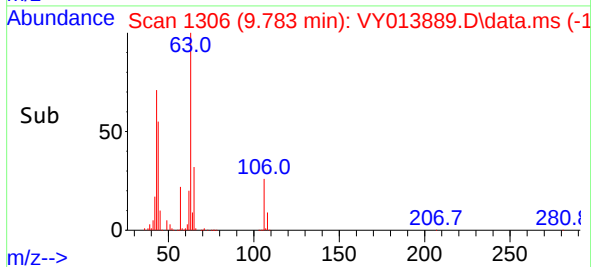
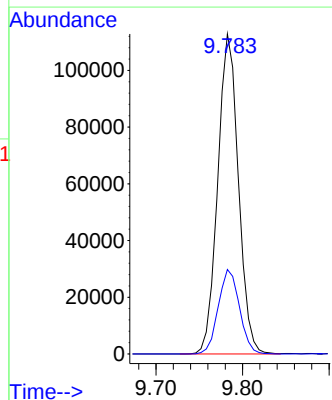
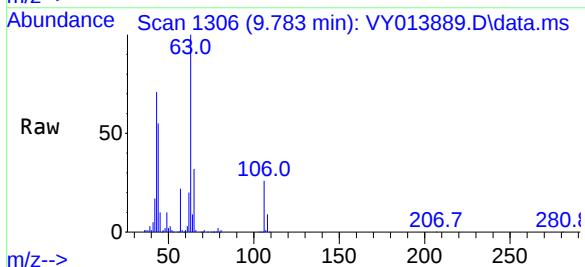
Acq: 26 May 2023 11:54

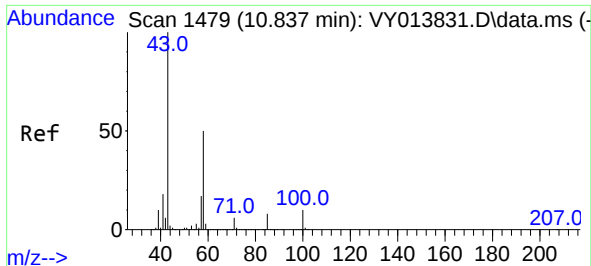
Tgt Ion: 63 Resp: 186843

Ion Ratio Lower Upper

63 100

106 27.1 21.3 31.9

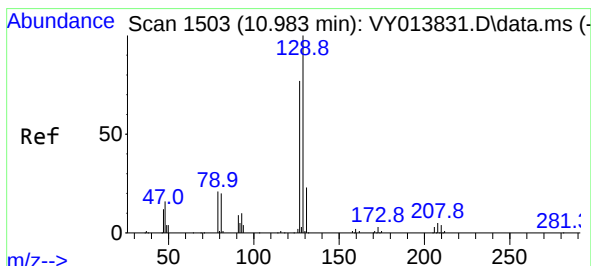
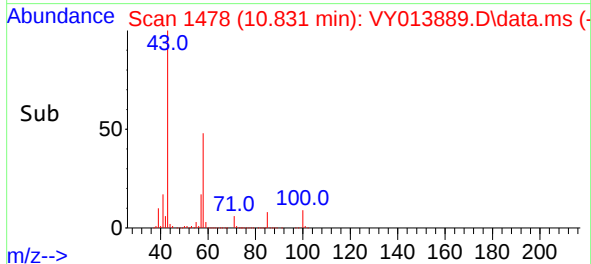
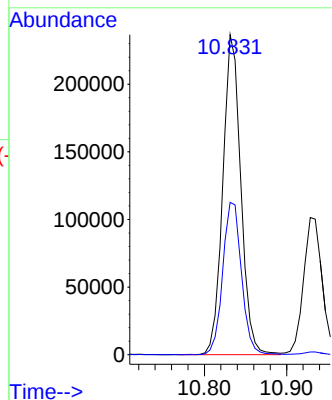
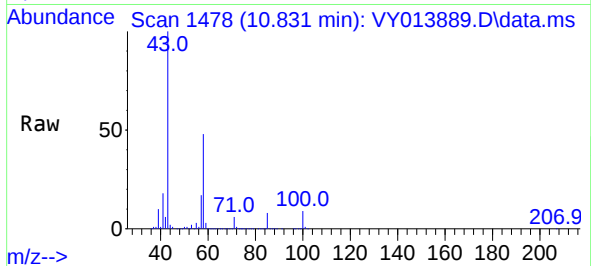




#59
2-Hexanone
Concen: 207.145 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

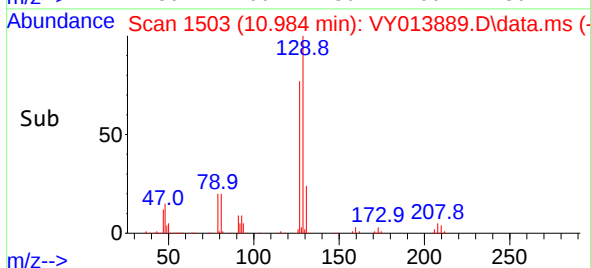
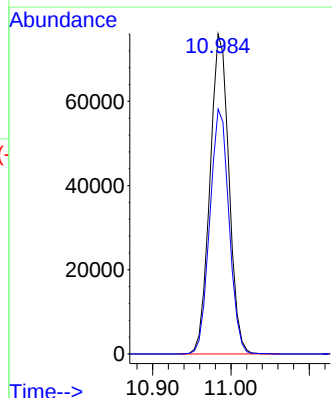
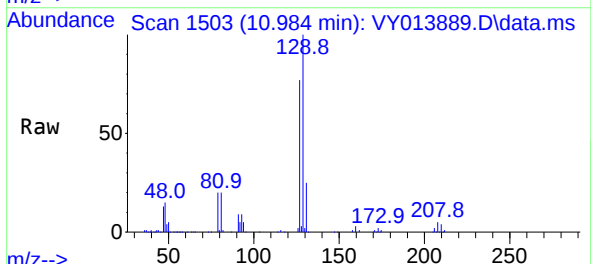
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

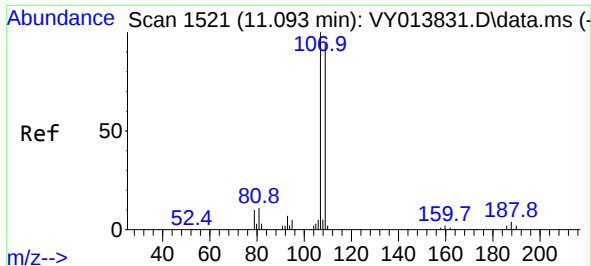
Tgt Ion: 43 Resp: 360871
Ion Ratio Lower Upper
43 100
58 49.6 24.8 74.3



#60
Dibromochloromethane
Concen: 43.093 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 129 Resp: 127770
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

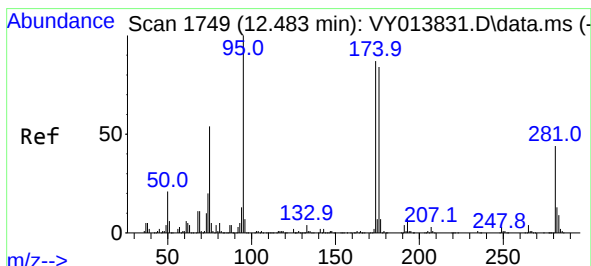
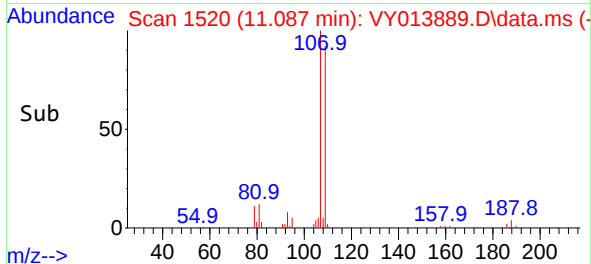
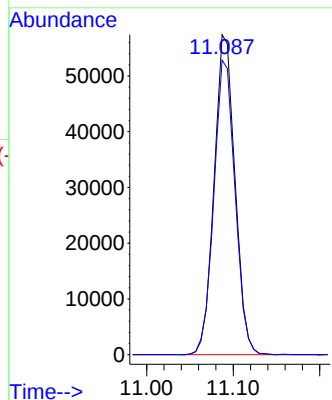
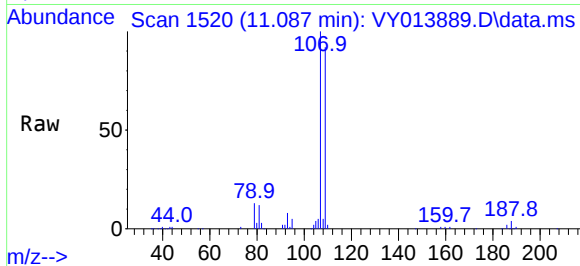




#61
1,2-Dibromoethane
Concen: 43.097 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

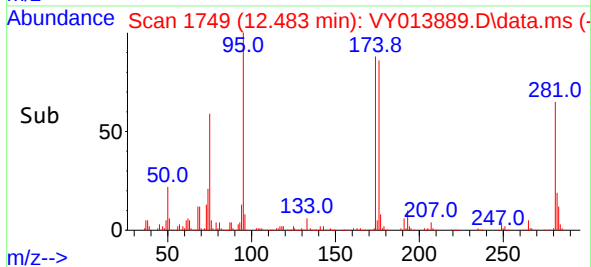
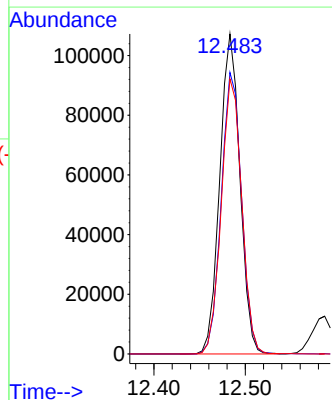
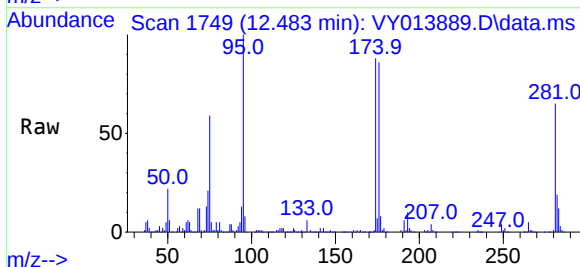
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

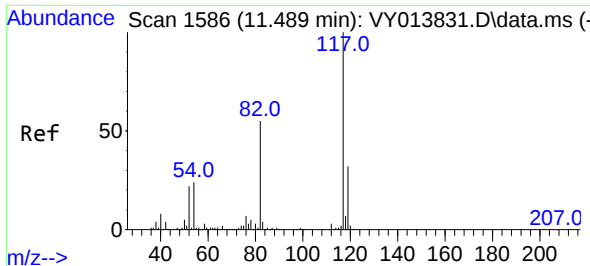
Tgt Ion:107 Resp: 96095
Ion Ratio Lower Upper
107 100
109 93.4 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 47.984 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

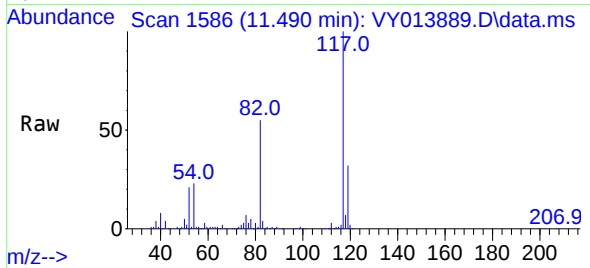
Tgt Ion: 95 Resp: 164551
Ion Ratio Lower Upper
95 100
174 88.5 0.0 176.0
176 87.1 0.0 170.2



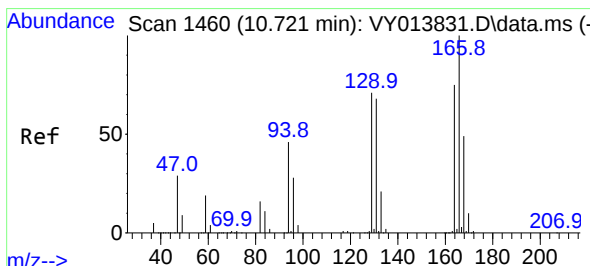
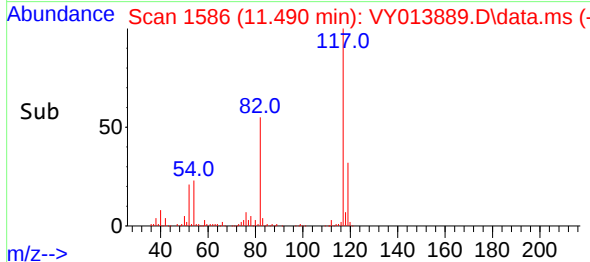
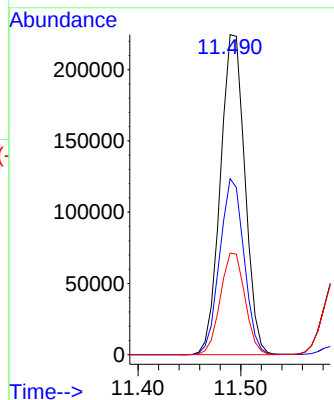


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

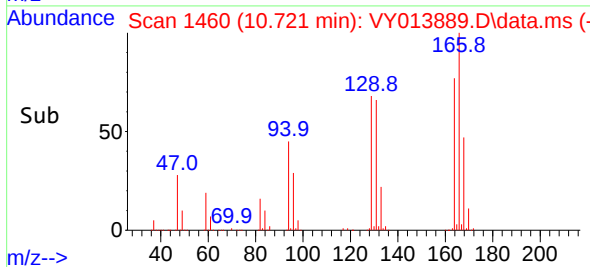
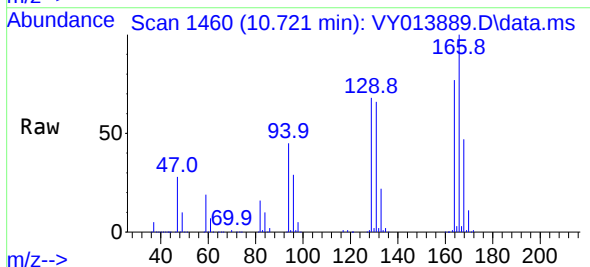
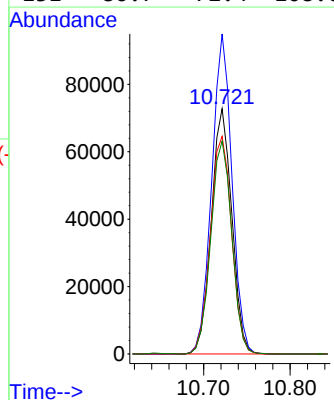


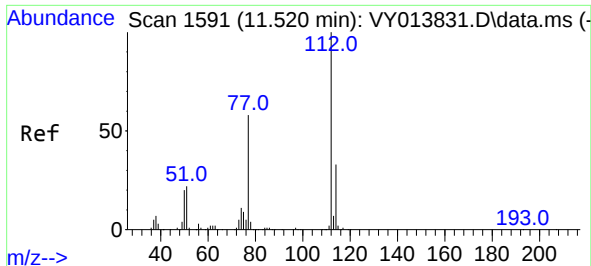
Tgt Ion:117 Resp: 372202
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.4
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 43.696 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion:164 Resp: 120335
Ion Ratio Lower Upper
164 100
166 130.5 106.2 159.2
129 88.7 75.4 113.0
131 86.7 72.4 108.6

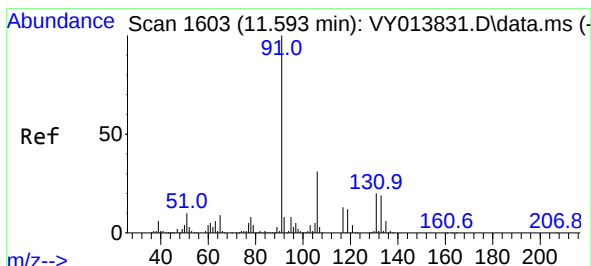
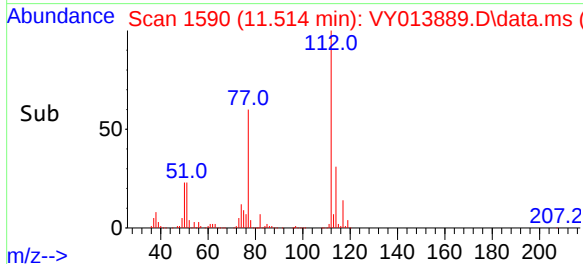
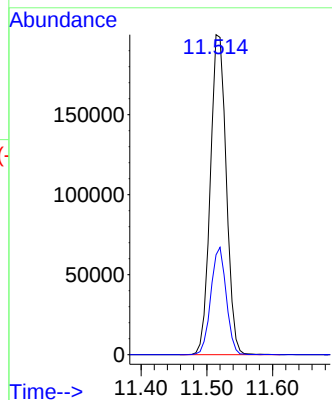
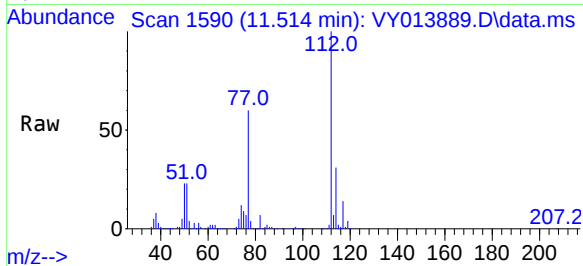




#65
Chlorobenzene
Concen: 43.275 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

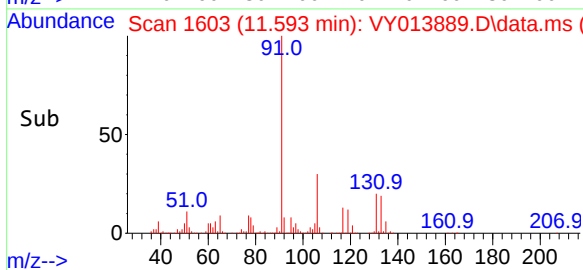
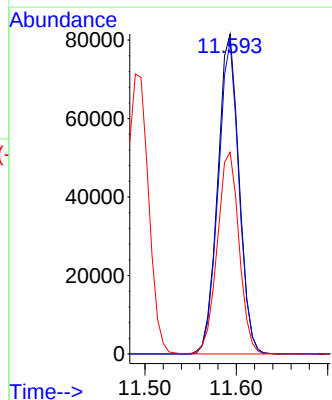
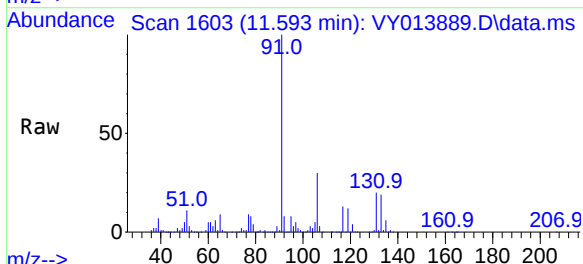
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

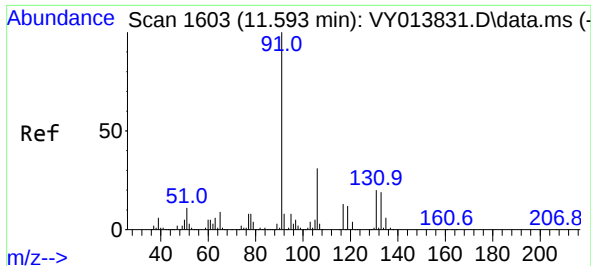
Tgt Ion:112 Resp: 337581
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 43.939 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion:131 Resp: 132292
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 64.5 32.1 96.5

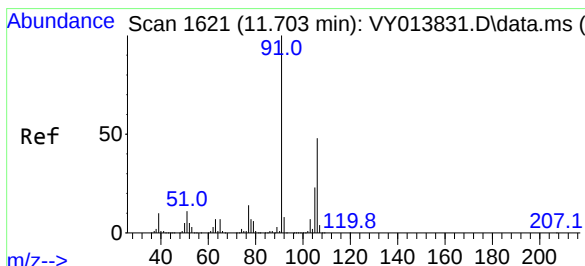
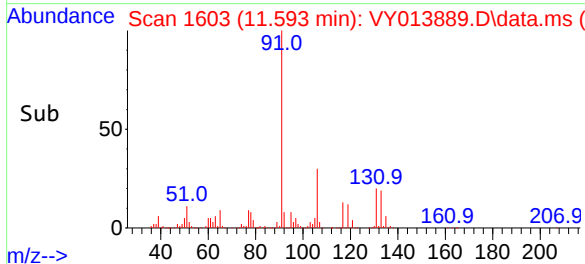
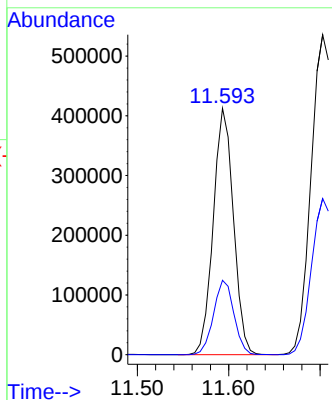
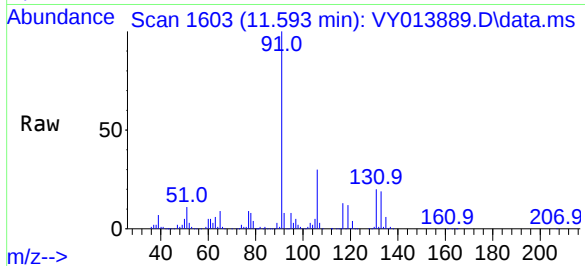




#67
Ethyl Benzene
Concen: 45.114 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

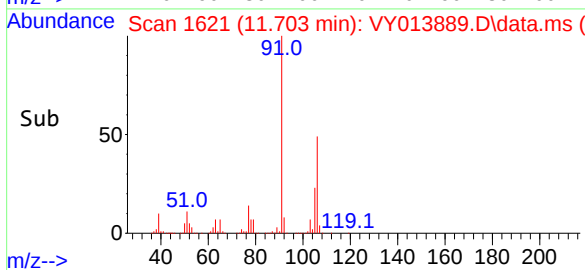
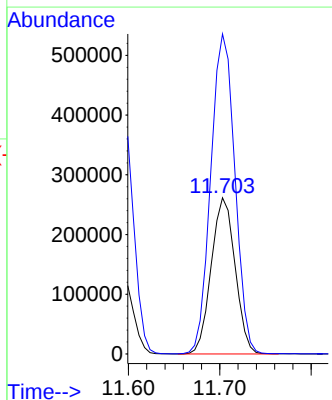
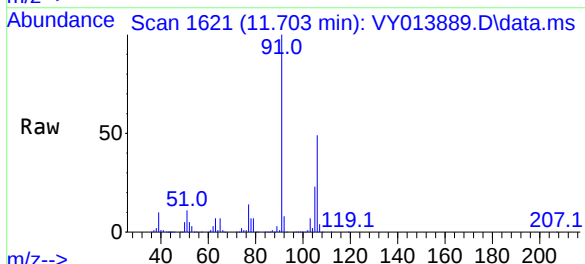
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

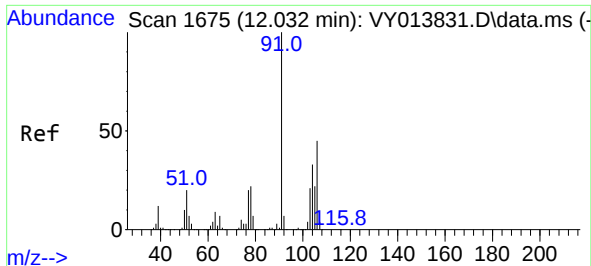
Tgt Ion: 91 Resp: 633321
Ion Ratio Lower Upper
91 100
106 30.2 24.7 37.1



#68
m/p-Xylenes
Concen: 89.318 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 106 Resp: 474513
Ion Ratio Lower Upper
106 100
91 206.9 164.9 247.3

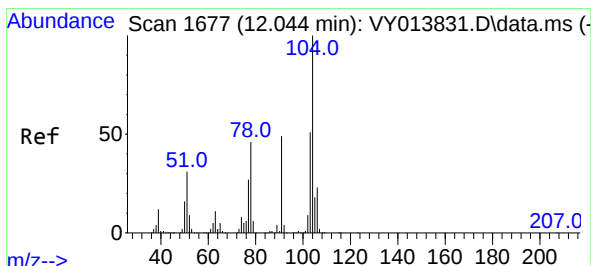
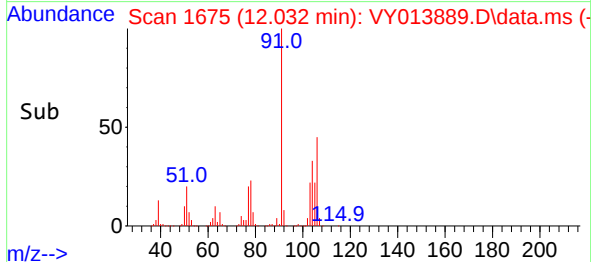
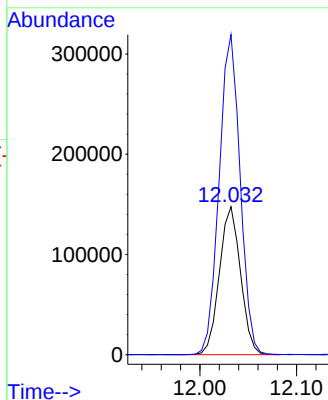
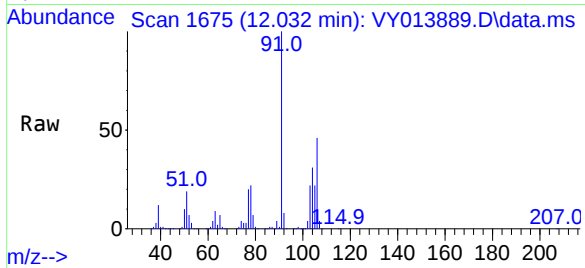




#69
o-Xylene
Concen: 44.665 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

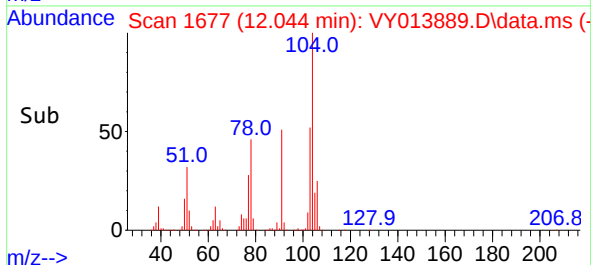
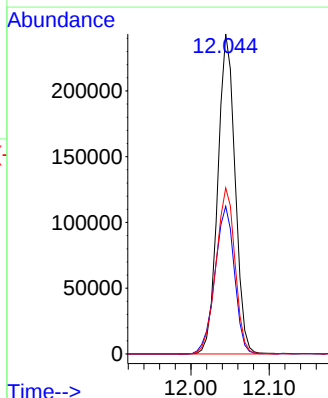
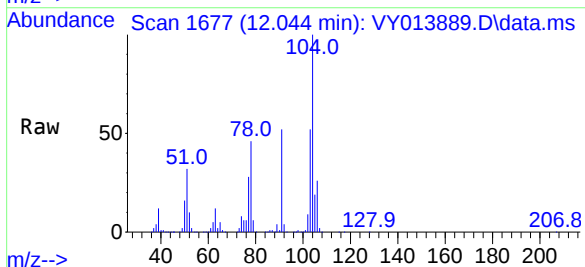
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

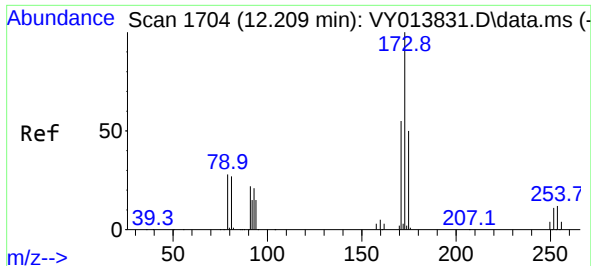
Tgt Ion:106 Resp: 223518
Ion Ratio Lower Upper
106 100
91 215.5 109.0 327.0



#70
Styrene
Concen: 44.157 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion:104 Resp: 374310
Ion Ratio Lower Upper
104 100
78 51.8 40.8 61.2
103 56.9 44.2 66.4

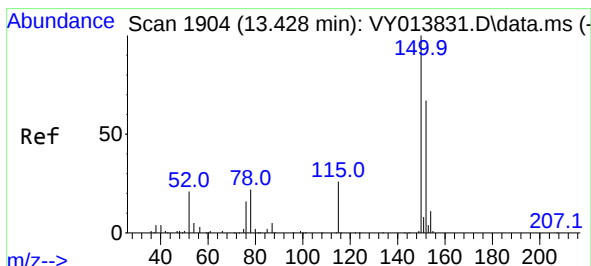
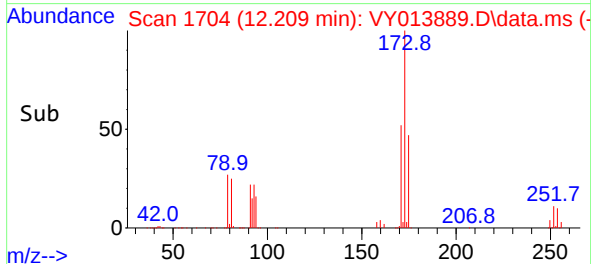
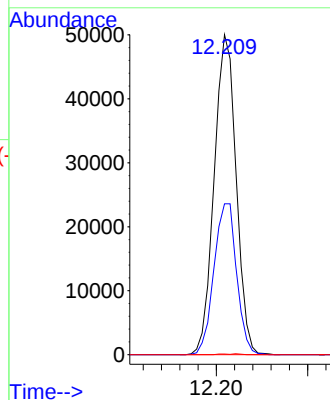
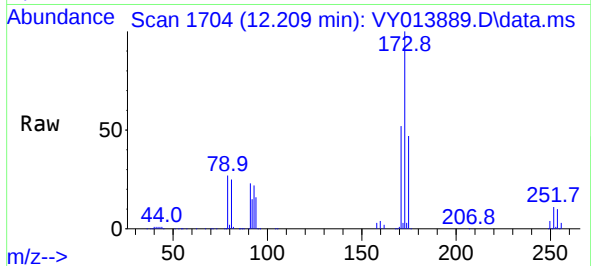




#71
Bromoform
Concen: 42.437 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

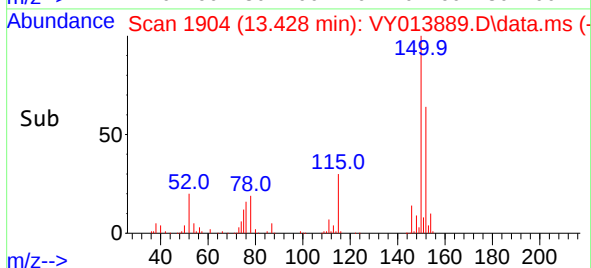
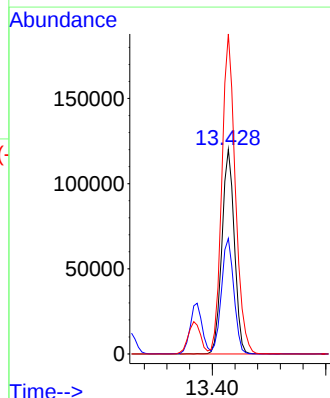
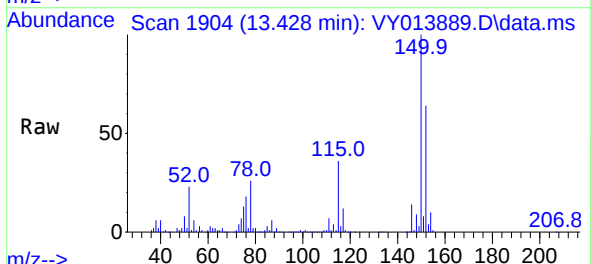
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

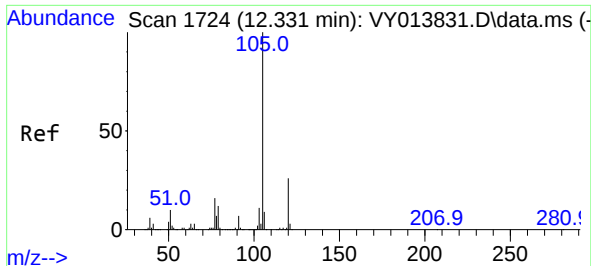
Tgt Ion:173 Resp: 83509
Ion Ratio Lower Upper
173 100
175 48.8 25.1 75.4
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion:152 Resp: 183244
Ion Ratio Lower Upper
152 100
115 56.3 28.8 86.5
150 170.1 0.0 353.4

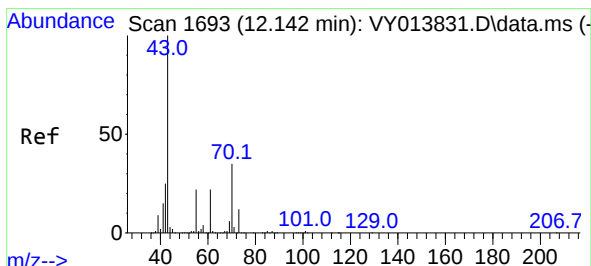
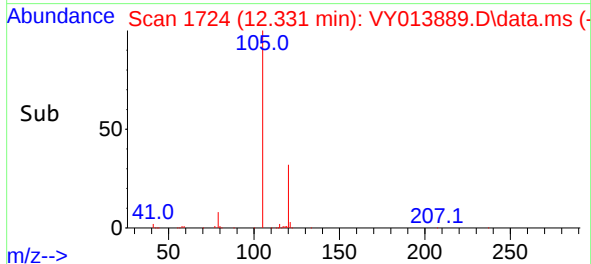
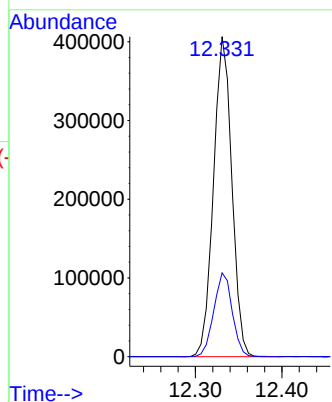
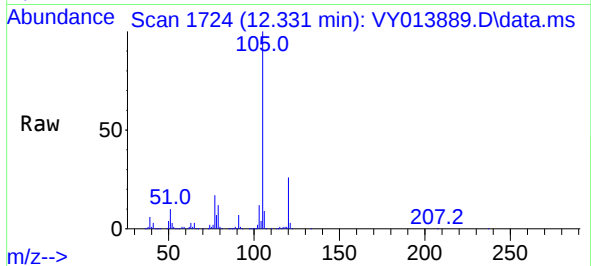




#73
Isopropylbenzene
Concen: 43.778 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

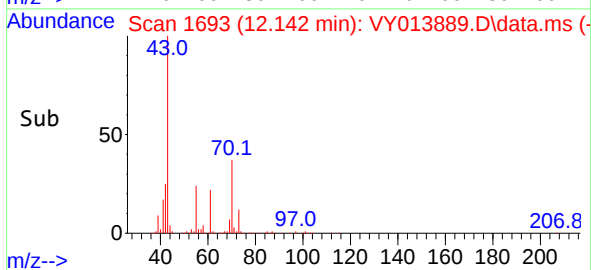
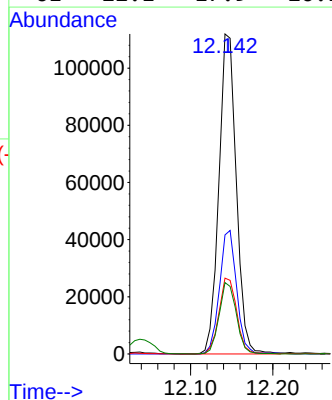
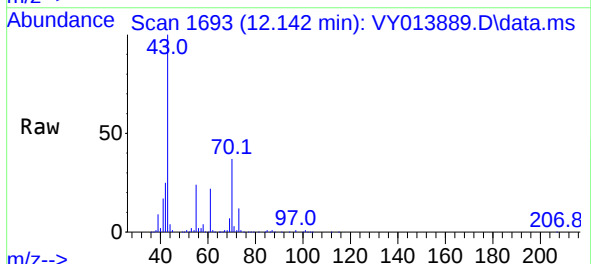
Instrument :
MSVOA_Y
ClientSampleId :
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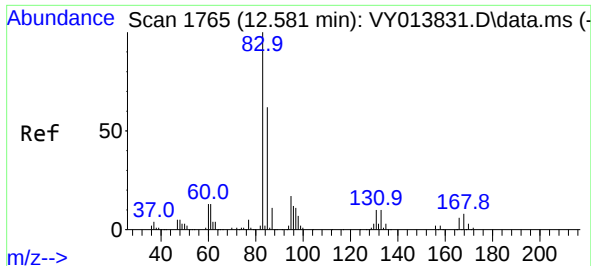
Tgt Ion:105 Resp: 597074
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#74
N-ethyl acetate
Concen: 40.240 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 43 Resp: 165004
Ion Ratio Lower Upper
43 100
70 38.1 29.3 43.9
55 24.4 18.0 27.0
61 22.1 17.9 26.9

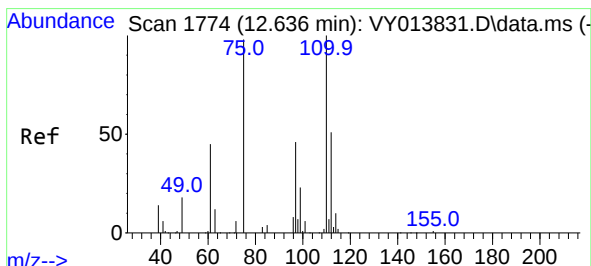
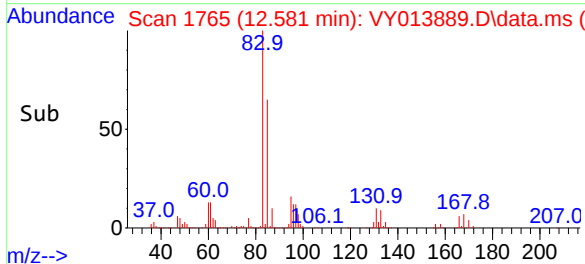
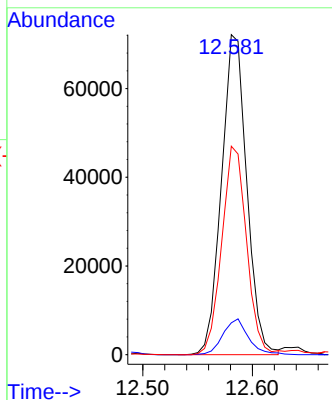
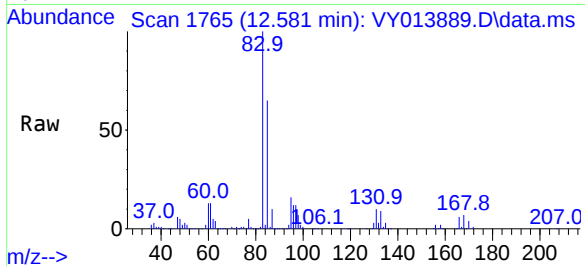




#75
1,1,2,2-Tetrachloroethane
Concen: 40.969 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

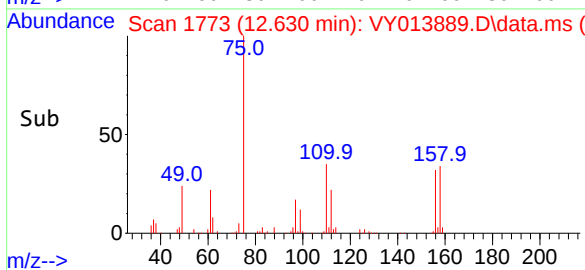
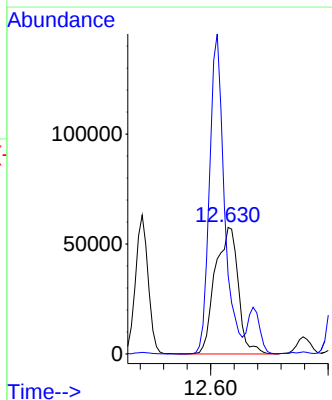
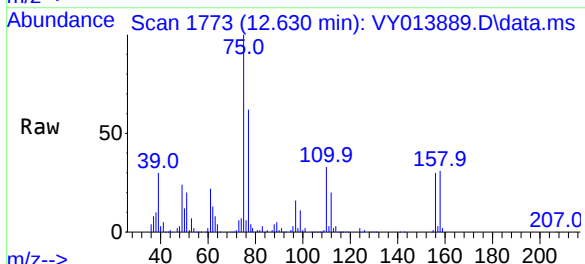
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

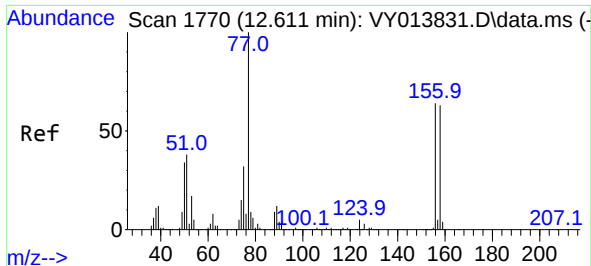
Tgt Ion: 83 Resp: 115670
Ion Ratio Lower Upper
83 100
131 11.2 5.3 16.1
85 64.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 72.705 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 75 Resp: 157094
Ion Ratio Lower Upper
75 100
77 162.7 0.0 0.0#

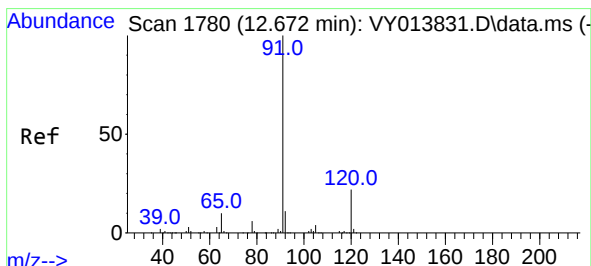
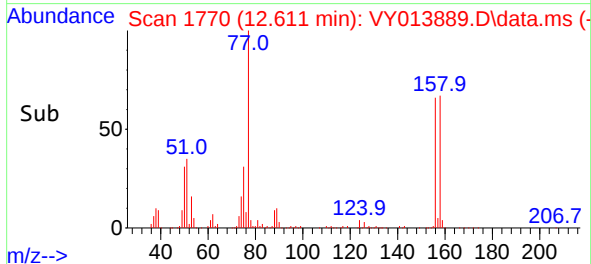
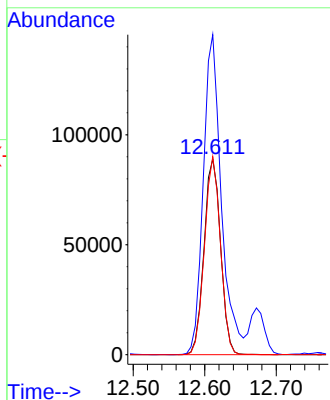
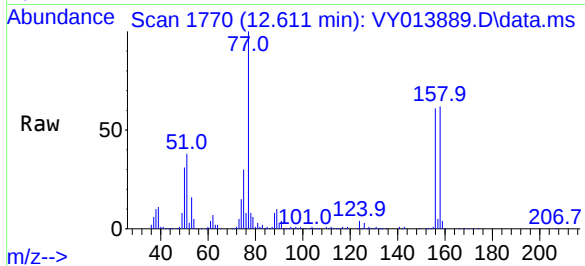




#77
Bromobenzene
Concen: 42.792 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

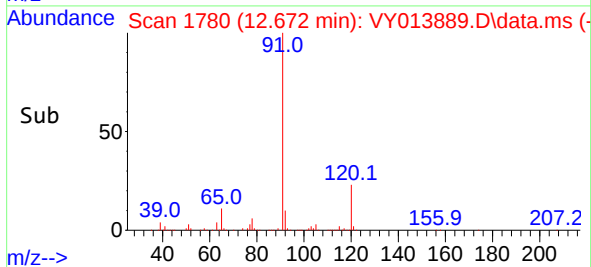
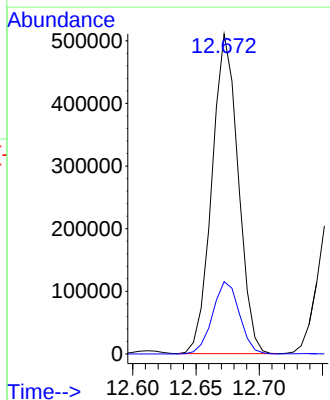
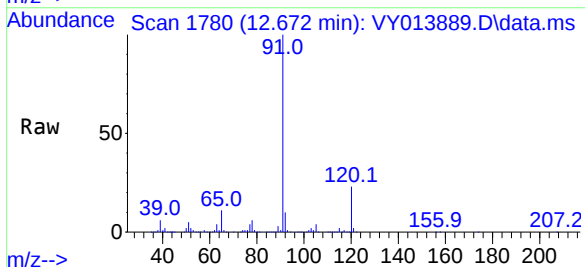
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

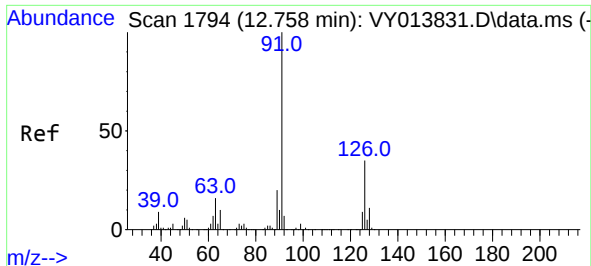
Tgt Ion:156 Resp: 143206
Ion Ratio Lower Upper
156 100
77 178.4 91.6 274.8
158 97.9 48.9 146.6



#78
n-propylbenzene
Concen: 43.733 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 91 Resp: 736869
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9

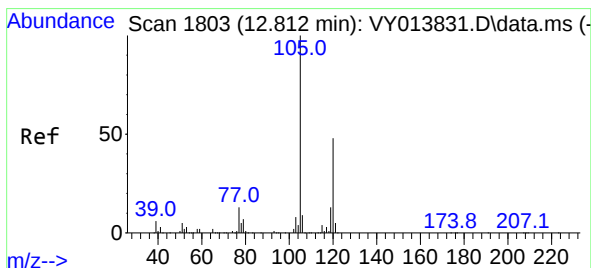
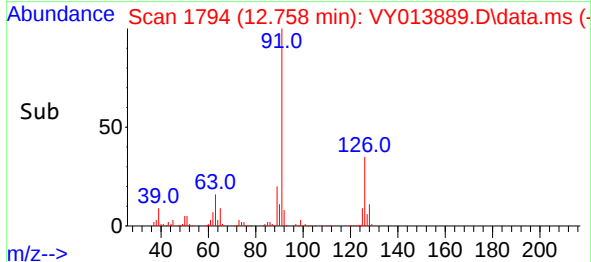
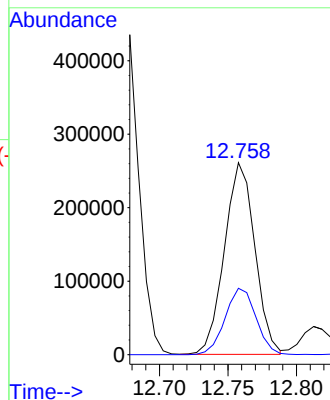
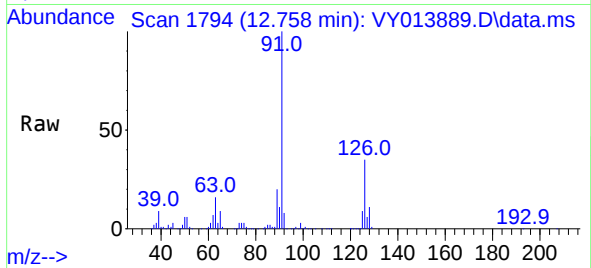




#79
2-Chlorotoluene
Concen: 42.907 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

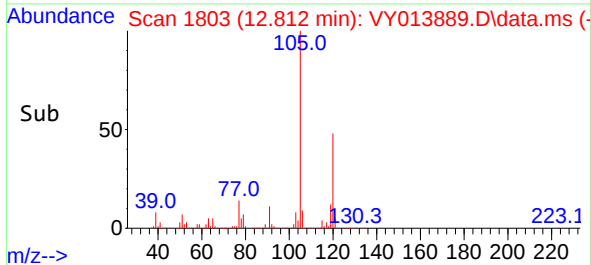
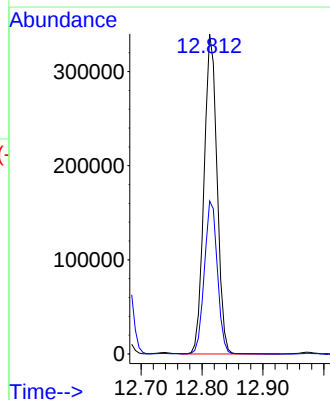
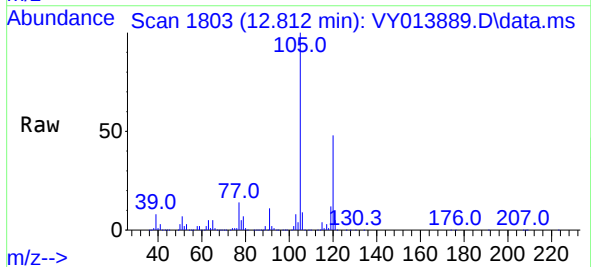
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

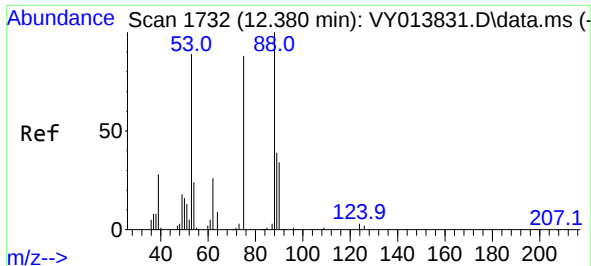
Tgt Ion: 91 Resp: 403822
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 44.759 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 105 Resp: 503906
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7

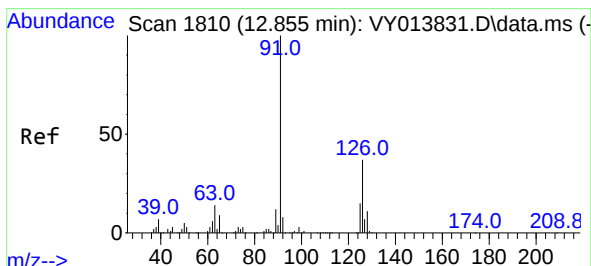
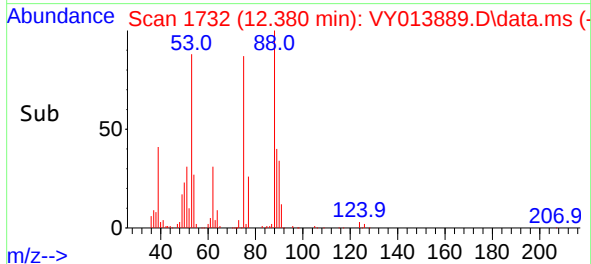
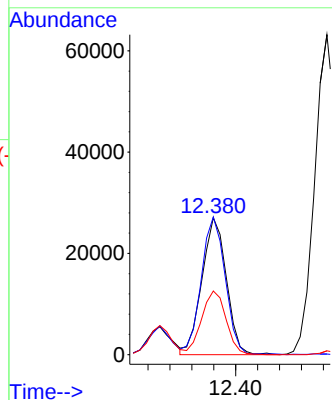
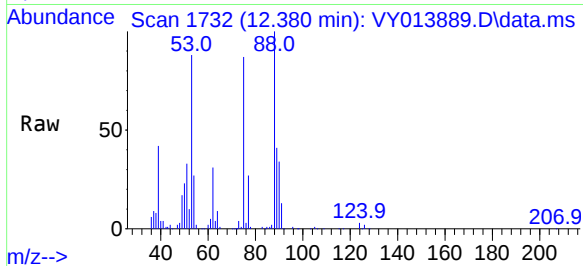




#81
trans-1,4-Dichloro-2-butene
Concen: 41.995 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

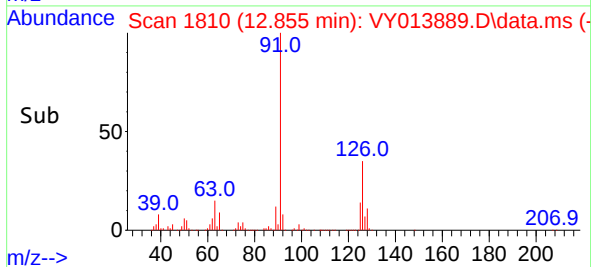
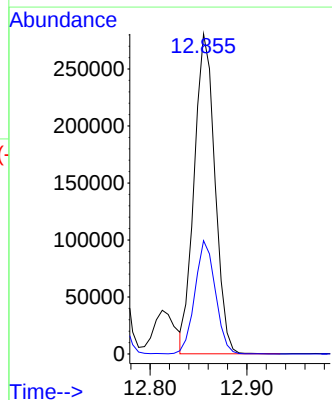
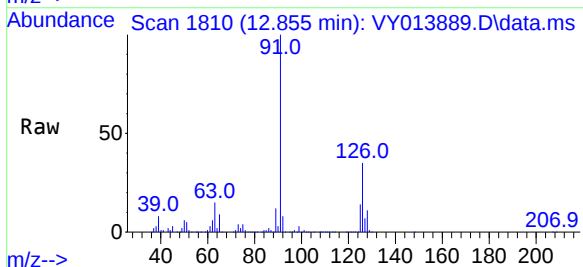
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

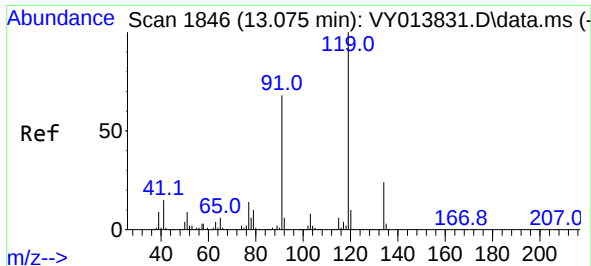
Tgt Ion: 75 Resp: 41802
Ion Ratio Lower Upper
75 100
53 99.0 79.7 119.5
89 46.3 36.4 54.6



#82
4-Chlorotoluene
Concen: 42.908 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 91 Resp: 417392
Ion Ratio Lower Upper
91 100
126 35.1 17.9 53.7

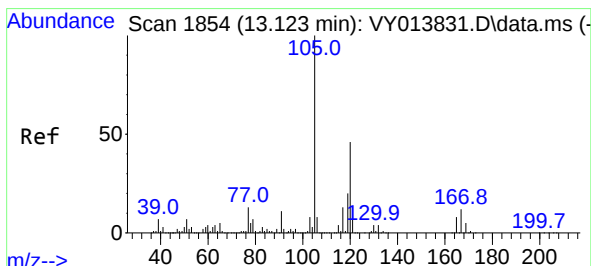
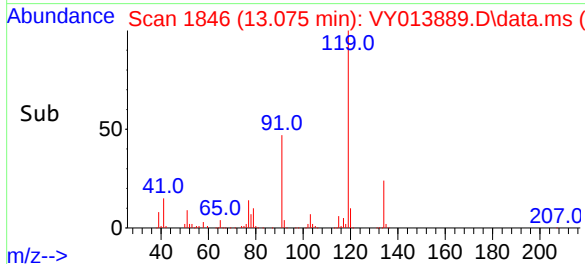
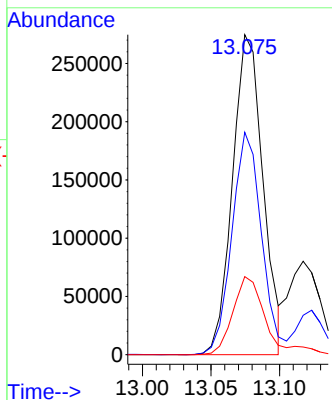
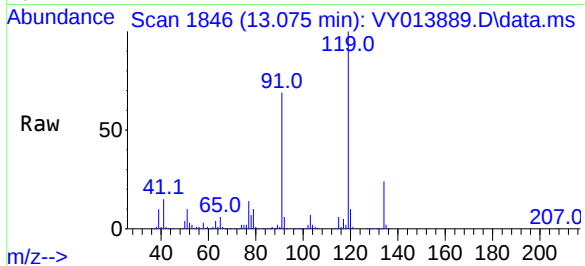




#83
tert-Butylbenzene
Concen: 43.300 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

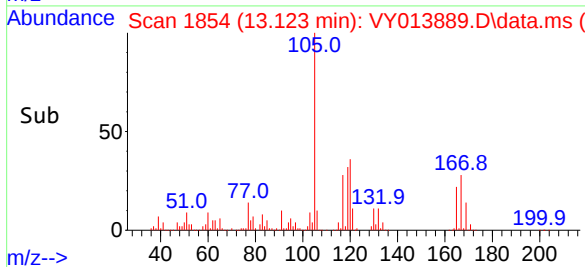
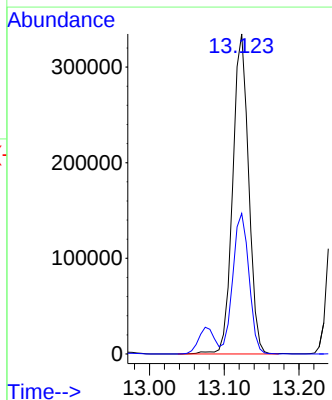
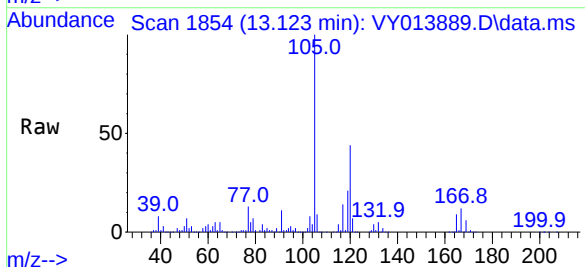
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

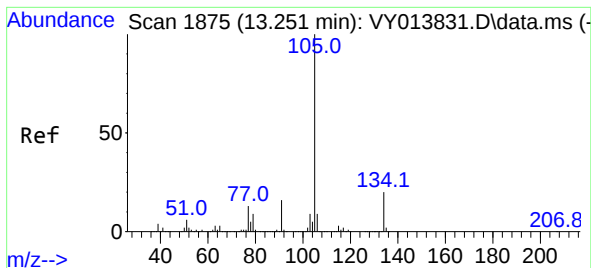
Tgt Ion:119 Resp: 424573
Ion Ratio Lower Upper
119 100
91 67.8 33.7 101.0
134 26.3 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 44.805 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion:105 Resp: 495143
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3

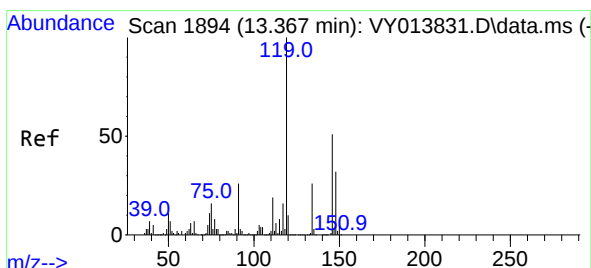
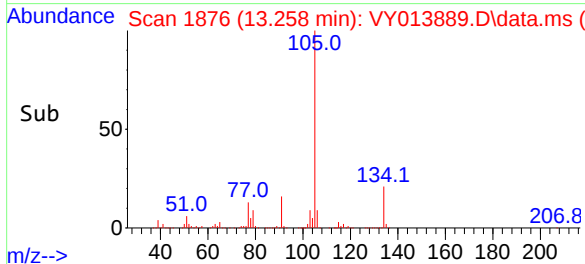
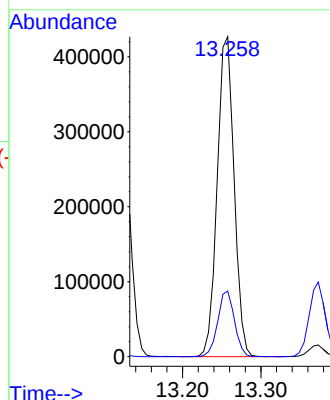
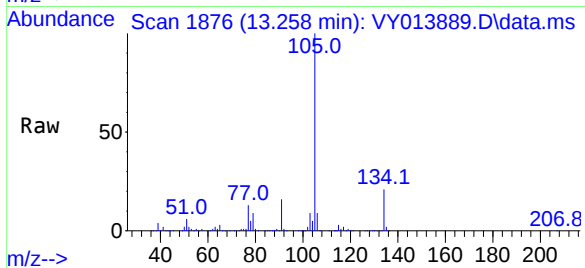




#85
 sec-Butylbenzene
 Concen: 43.968 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY013889.D
 Acq: 26 May 2023 11:54

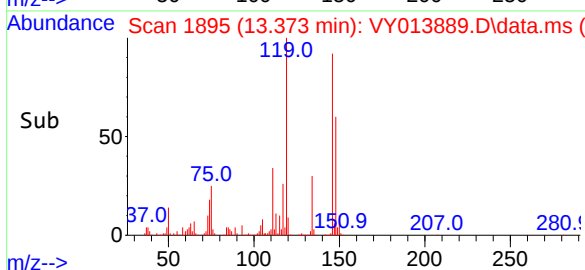
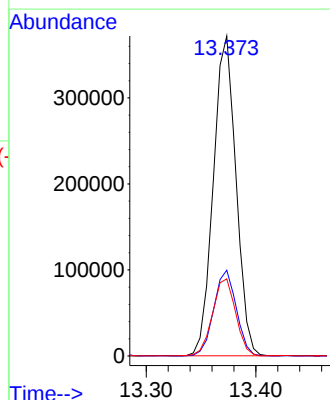
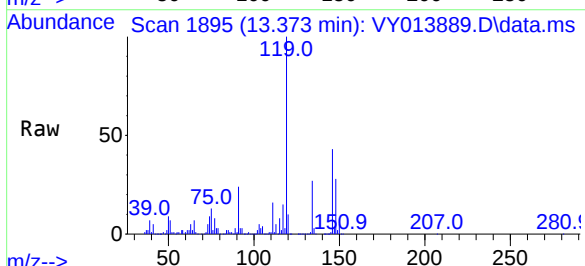
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

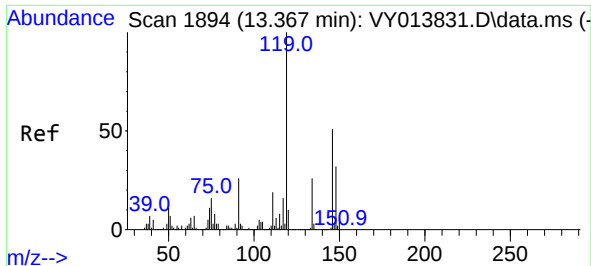
Tgt Ion:105 Resp: 640413
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 44.372 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY013889.D
 Acq: 26 May 2023 11:54

Tgt Ion:119 Resp: 534174
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 24.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 43.166 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013889.D

Acq: 26 May 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

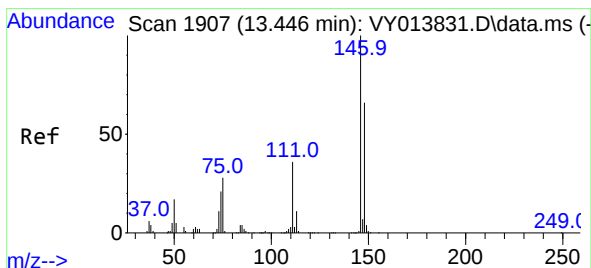
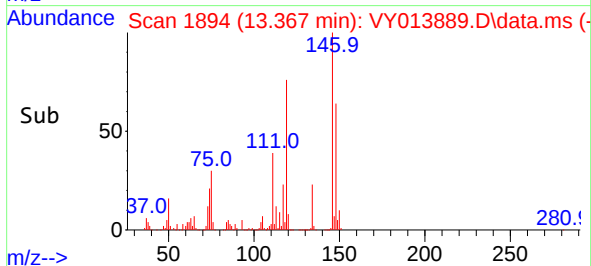
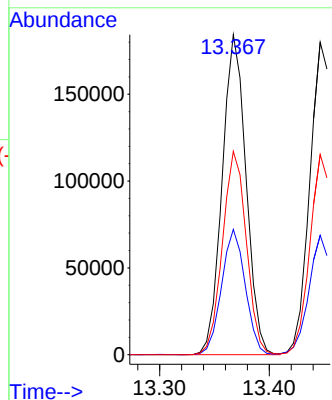
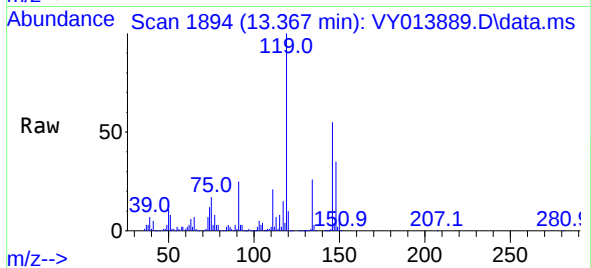
Tgt Ion:146 Resp: 279008

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.5

148 63.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 42.522 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013889.D

Acq: 26 May 2023 11:54

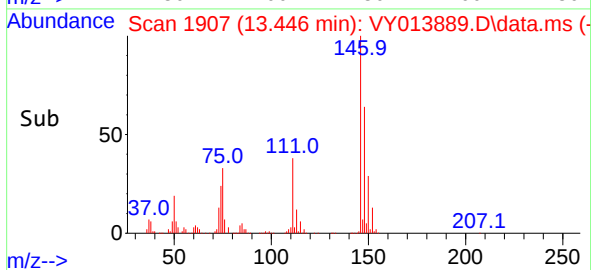
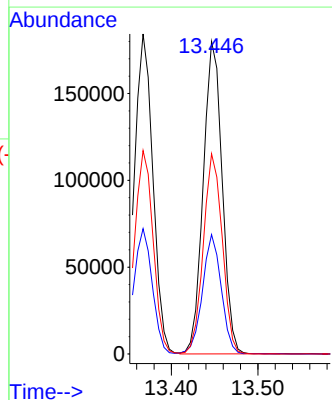
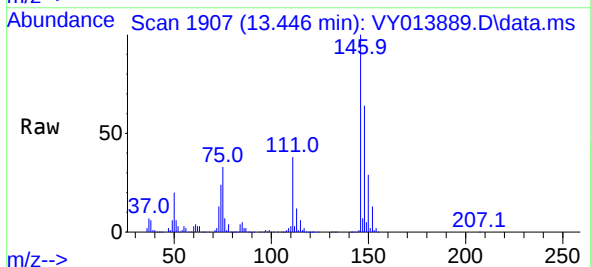
Tgt Ion:146 Resp: 273626

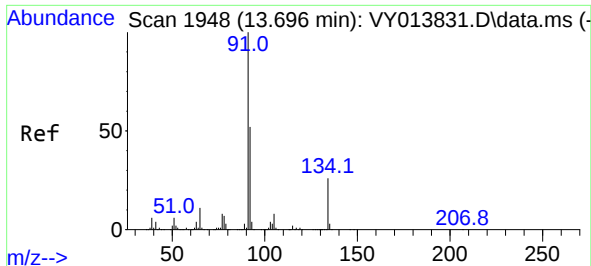
Ion Ratio Lower Upper

146 100

111 37.9 18.6 55.8

148 64.1 32.4 97.2

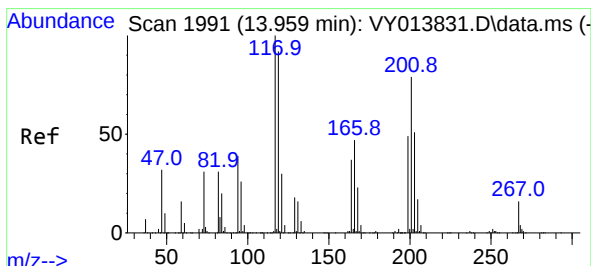
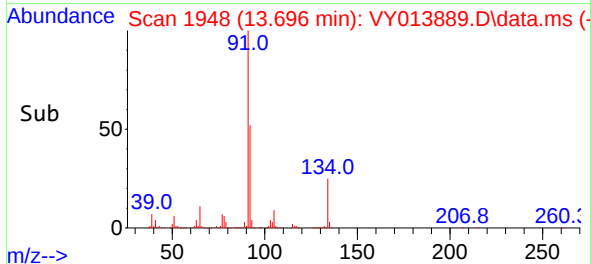
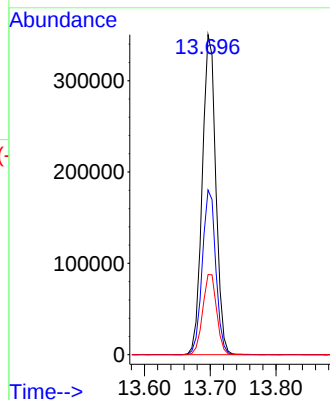
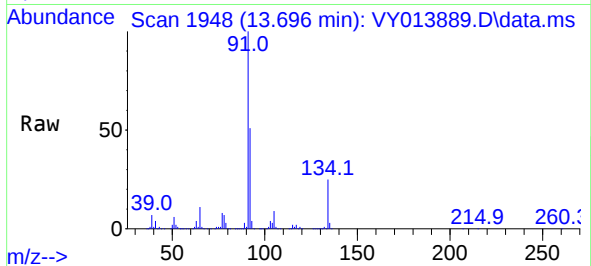




#89
n-Butylbenzene
Concen: 43.491 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

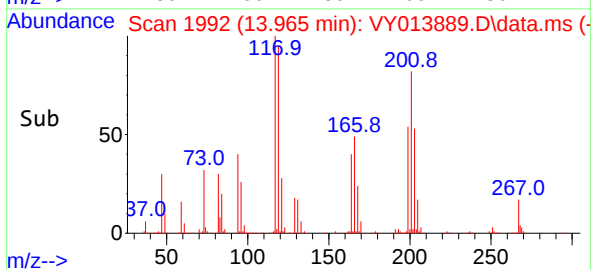
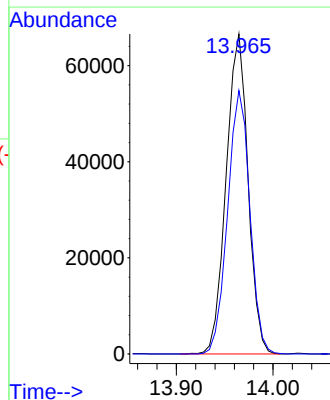
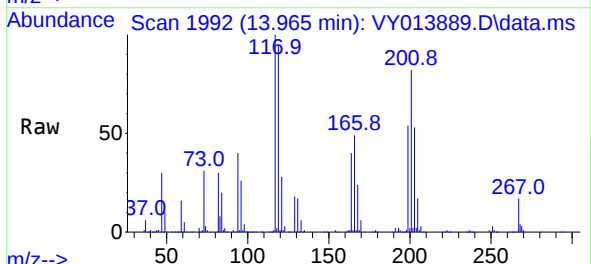
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

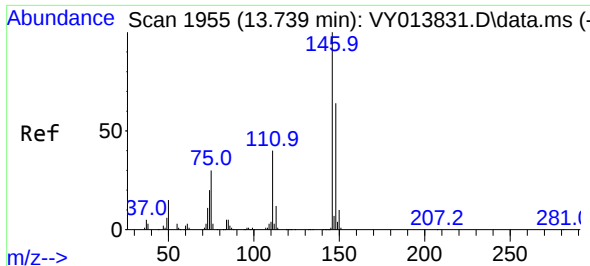
Tgt Ion: 91 Resp: 502087
Ion Ratio Lower Upper
91 100
92 51.4 25.6 76.6
134 25.8 13.0 38.9



#90
Hexachloroethane
Concen: 42.349 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 117 Resp: 104675
Ion Ratio Lower Upper
117 100
201 83.5 42.3 126.8

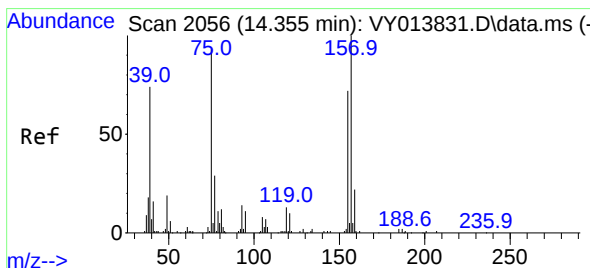
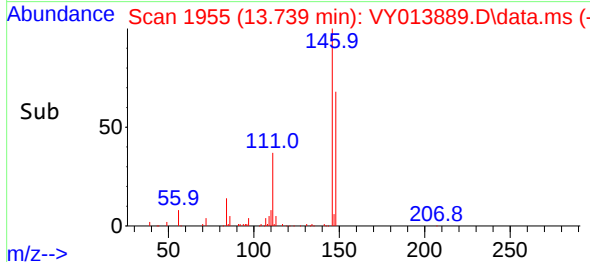
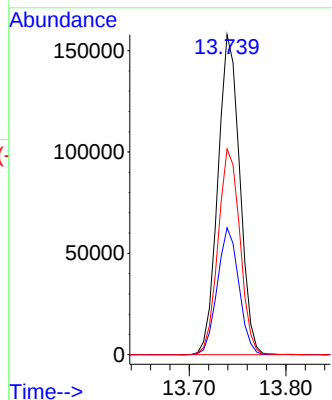
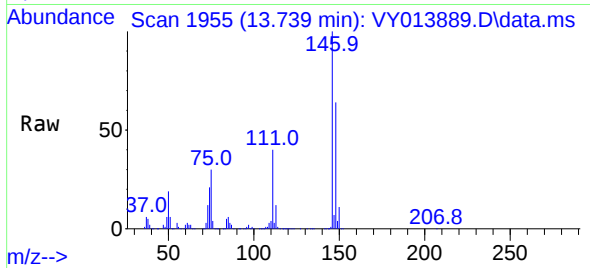




#91
1,2-Dichlorobenzene
Concen: 43.040 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

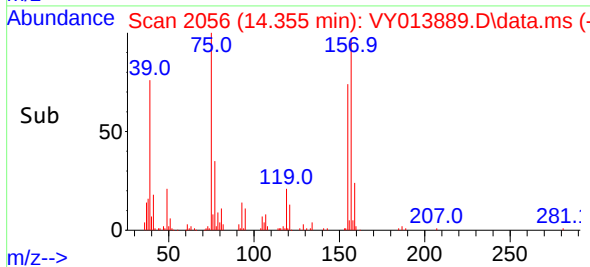
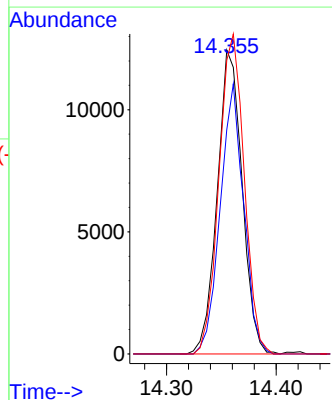
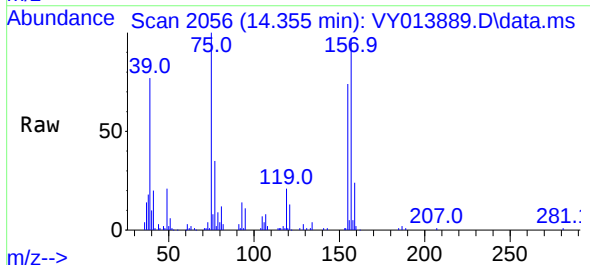
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

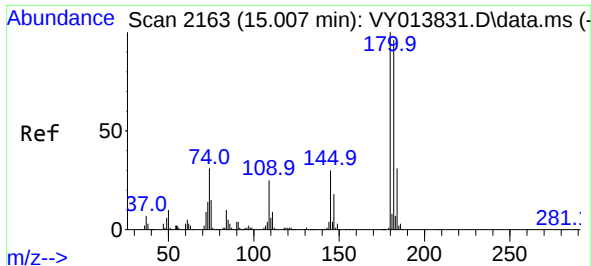
Tgt Ion:146 Resp: 247230
Ion Ratio Lower Upper
146 100
111 39.1 19.6 58.8
148 64.6 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.673 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion: 75 Resp: 19624
Ion Ratio Lower Upper
75 100
155 84.0 39.9 119.6
157 106.8 54.6 163.8

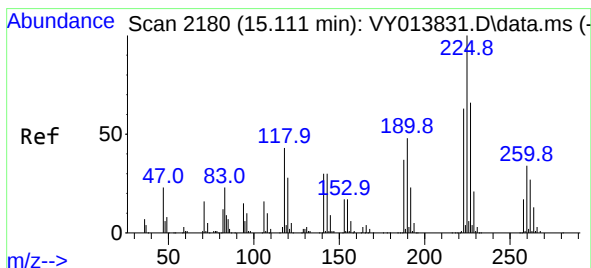
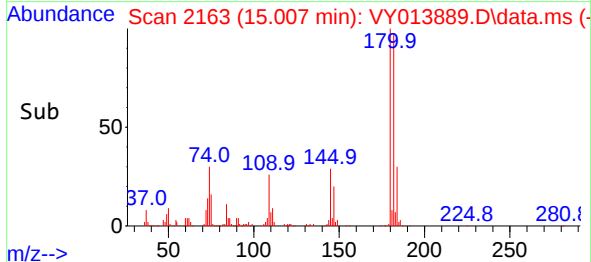
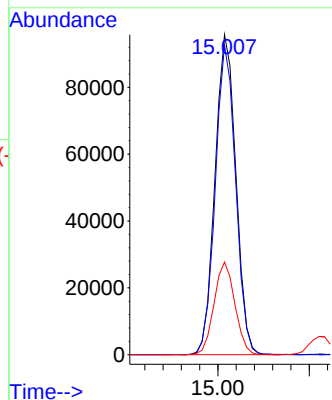
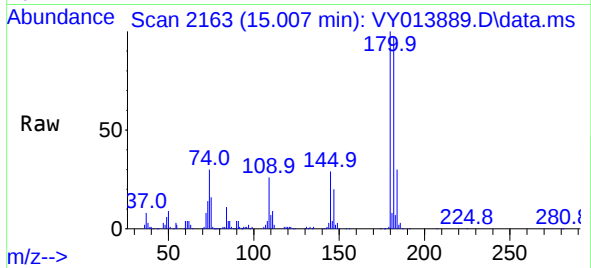




#93
1,2,4-Trichlorobenzene
Concen: 42.663 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

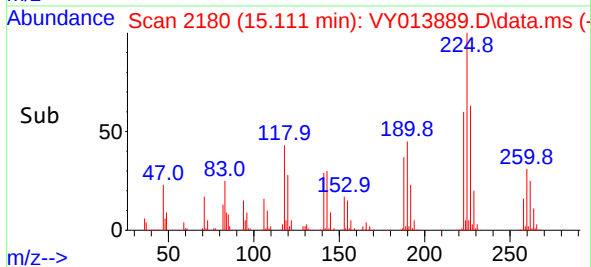
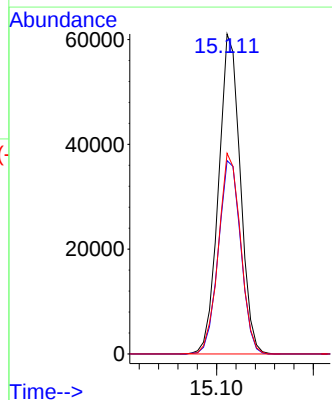
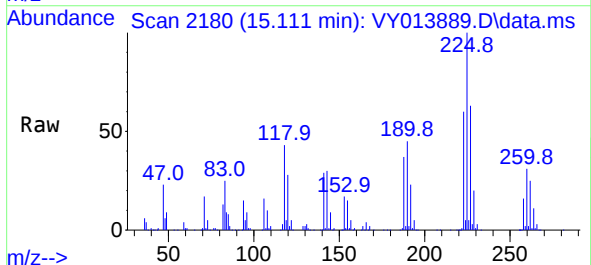
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

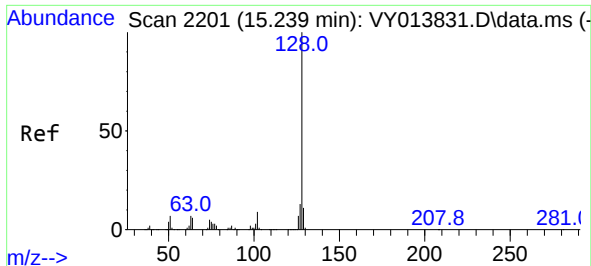
Tgt Ion:180 Resp: 151925
Ion Ratio Lower Upper
180 100
182 94.4 48.1 144.3
145 28.8 14.8 44.4



#94
Hexachlorobutadiene
Concen: 42.189 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion:225 Resp: 94729
Ion Ratio Lower Upper
225 100
223 62.4 31.3 93.9
227 63.9 32.9 98.6

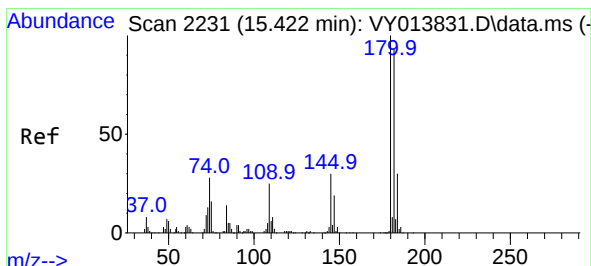
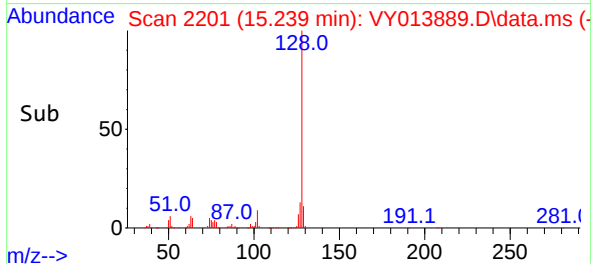
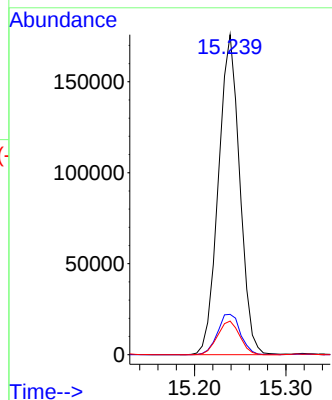
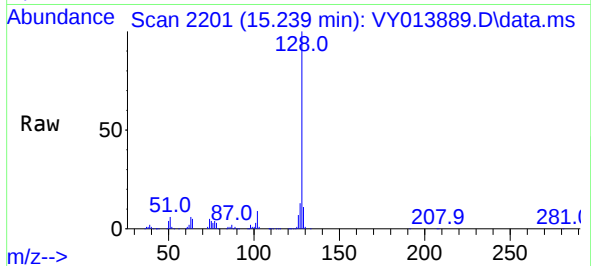




#95
Naphthalene
Concen: 37.733 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 285493
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.0 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 41.495 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY013889.D
Acq: 26 May 2023 11:54

Tgt Ion:180 Resp: 131407
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 30.4 15.5 46.5

