

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013614.D
 Acq On : 05 May 2023 10:14
 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 08 00:22:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	255381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	379103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	346703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	145126	51.839	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.680%	
35) Dibromofluoromethane	7.716	113	128614	53.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.880%	
50) Toluene-d8	10.179	98	434783	51.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.483	95	158667	55.486	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	124519	51.287	ug/l	99
3) Chloromethane	2.113	50	137606	42.283	ug/l	99
4) Vinyl Chloride	2.253	62	140053	43.221	ug/l	98
5) Bromomethane	2.656	94	105397	40.816	ug/l	96
6) Chloroethane	2.796	64	92869	41.486	ug/l	97
7) Trichlorofluoromethane	3.125	101	243909	49.688	ug/l	97
8) Diethyl Ether	3.528	74	78491	46.955	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	133733	48.569	ug/l	98
10) Methyl Iodide	4.095	142	152992	44.239	ug/l	97
11) Tert butyl alcohol	4.979	59	74231	235.451	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	122790	46.264	ug/l	91
13) Acrolein	3.735	56	47328	191.410	ug/l	89
14) Allyl chloride	4.479	41	221220	44.920	ug/l	97
15) Acrylonitrile	5.161	53	241204	257.650	ug/l	98
16) Acetone	3.954	43	280781	254.680	ug/l	94
17) Carbon Disulfide	4.198	76	365347	42.376	ug/l	97
18) Methyl Acetate	4.479	43	177812	48.832	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	386516	50.443	ug/l	98
20) Methylene Chloride	4.716	84	160121	45.658	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	139995	48.242	ug/l	97
22) Diisopropyl ether	6.119	45	479743	49.839	ug/l	95
23) Vinyl Acetate	6.058	43	1516231	278.203	ug/l	96
24) 1,1-Dichloroethane	6.015	63	259761	48.420	ug/l	97
25) 2-Butanone	6.984	43	360023	257.491	ug/l	93
26) 2,2-Dichloropropane	6.978	77	236156	51.085	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	161350	50.323	ug/l	96
28) Bromochloromethane	7.332	49	94741	49.765	ug/l	87
29) Tetrahydrofuran	7.350	42	221465	254.456	ug/l	92
30) Chloroform	7.509	83	280934	52.669	ug/l	99
31) Cyclohexane	7.783	56	218853	43.663	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	247942	52.092	ug/l	98
36) 1,1-Dichloropropene	7.917	75	201067	50.810	ug/l	98
37) Ethyl Acetate	7.070	43	155292	52.147	ug/l	96
38) Carbon Tetrachloride	7.899	117	229602	55.357	ug/l	97
39) Methylcyclohexane	9.185	83	233800	50.116	ug/l	96
40) Benzene	8.161	78	584707	52.454	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	209544	151.001	ug/l #	21
42) 1,2-Dichloroethane	8.234	62	201981	55.423	ug/l	98
43) Isopropyl Acetate	8.271	43	260542	51.834	ug/l	97
44) Trichloroethene	8.935	130	151887	51.225	ug/l	95
45) 1,2-Dichloropropane	9.216	63	152262	52.242	ug/l	99
46) Dibromomethane	9.307	93	92724	53.171	ug/l	97
47) Bromodichloromethane	9.496	83	219106	56.150	ug/l	99
48) Methyl methacrylate	9.289	41	121260	52.528	ug/l	96
49) 1,4-Dioxane	9.313	88	27136	1089.522	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	777106	277.442	ug/l	96
52) Toluene	10.246	92	365011	54.415	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	225997	54.723	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	245138	52.752	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	128292	55.552	ug/l	96
56) Ethyl methacrylate	10.508	69	180153	56.228	ug/l	93
57) 1,3-Dichloropropane	10.788	76	213280	54.530	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	317423	264.203	ug/l	95
59) 2-Hexanone	10.831	43	577890	283.825	ug/l	96
60) Dibromochloromethane	10.984	129	158534	56.535	ug/l	100
61) 1,2-Dibromoethane	11.087	107	121580	53.547	ug/l	99
64) Tetrachloroethene	10.721	164	135503	51.398	ug/l	96
65) Chlorobenzene	11.514	112	391659	51.858	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	154295	54.625	ug/l	99
67) Ethyl Benzene	11.593	91	708964	53.458	ug/l	99
68) m/p-Xylenes	11.703	106	537645	106.640	ug/l	97
69) o-Xylene	12.032	106	252909	53.041	ug/l	95
70) Styrene	12.044	104	439486	55.125	ug/l	99
71) Bromoform	12.209	173	110948	56.077	ug/l #	99
73) Isopropylbenzene	12.331	105	673518	50.466	ug/l	99
74) N-amyl acetate	12.142	43	232048	48.859	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	162675	49.868	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	215786	90.681	ug/l #	100
77) Bromobenzene	12.611	156	168754	52.185	ug/l	94
78) n-propylbenzene	12.672	91	842904	51.276	ug/l	98
79) 2-Chlorotoluene	12.758	91	466191	50.784	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	568927	52.229	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	57638	49.546	ug/l	94
82) 4-Chlorotoluene	12.855	91	489759	51.187	ug/l	97
83) tert-Butylbenzene	13.075	119	487091	51.614	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	560976	52.970	ug/l	99
85) sec-Butylbenzene	13.251	105	719779	50.819	ug/l	99
86) p-Isopropyltoluene	13.367	119	603831	53.014	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	320343	51.996	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	315577	50.708	ug/l	98
89) n-Butylbenzene	13.697	91	565477	50.867	ug/l	99
90) Hexachloroethane	13.959	117	118175	49.297	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	291334	52.366	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29350	50.944	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	178928	53.943	ug/l	99
94) Hexachlorobutadiene	15.111	225	108469	56.189	ug/l	99
95) Naphthalene	15.233	128	382584	53.160	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	162988	55.131	ug/l	99

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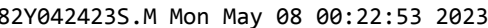
Instrument :
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ClientSampleId :
VSTDCCC050

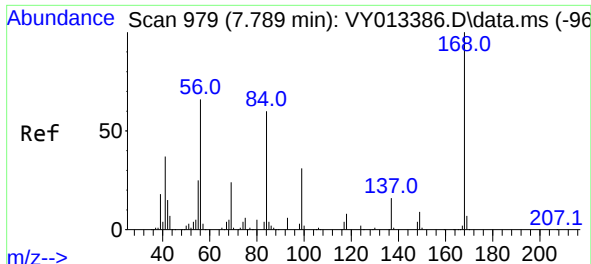
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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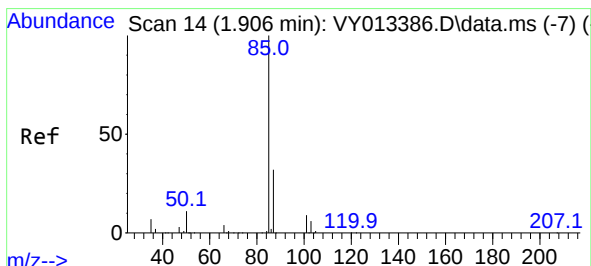
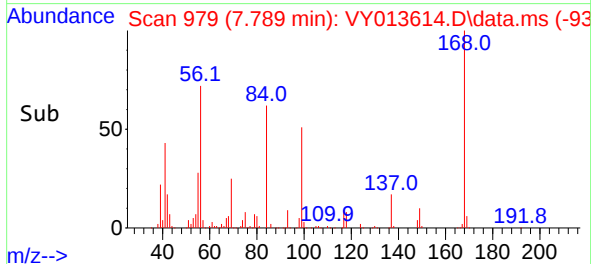
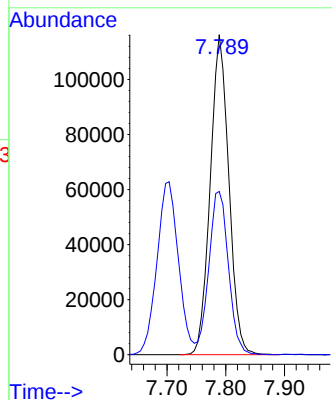
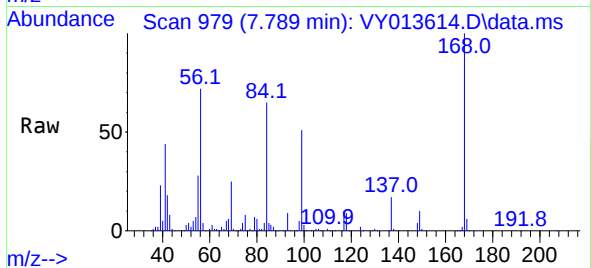




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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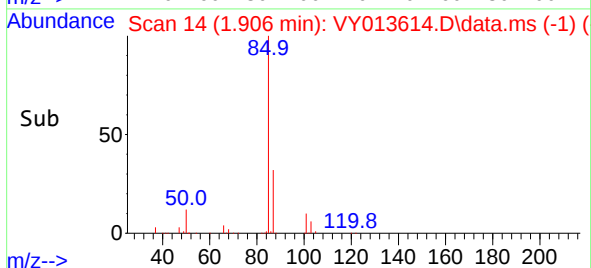
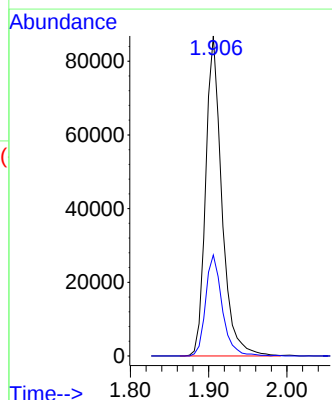
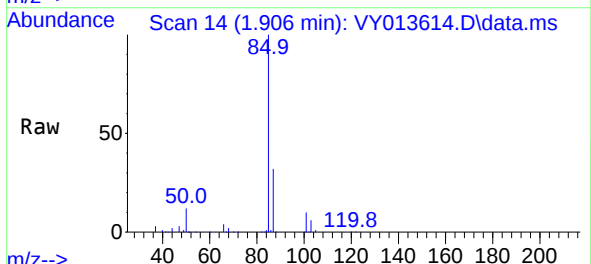
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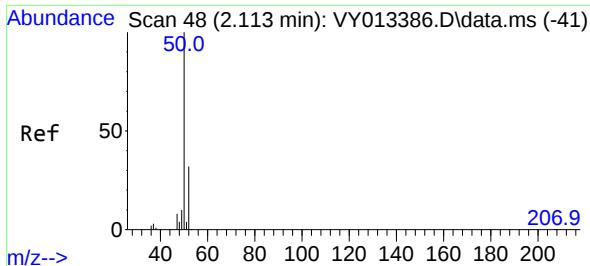
Tgt Ion:168 Resp: 255381
Ion Ratio Lower Upper
168 100
99 50.9 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 51.287 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 85 Resp: 124519
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2

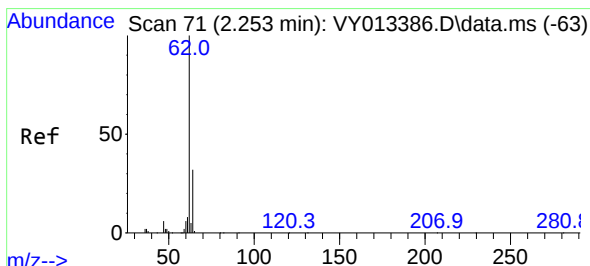
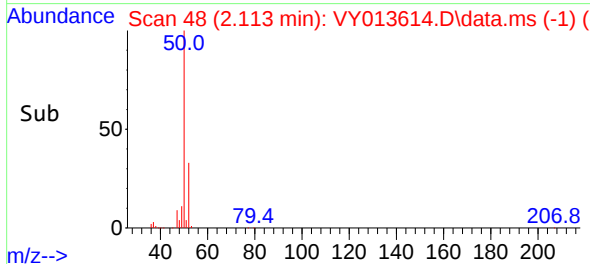
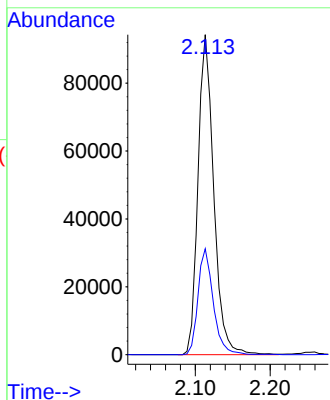
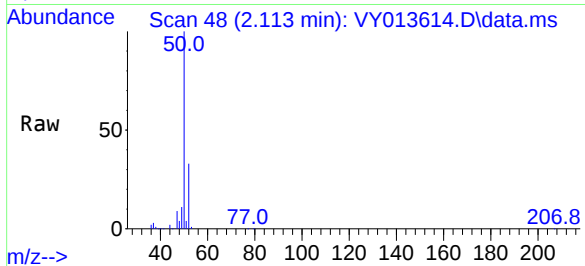




#3
Chloromethane
Concen: 42.283 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

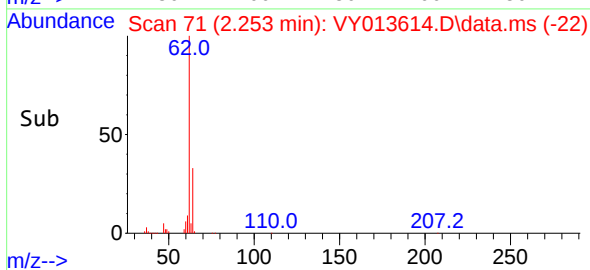
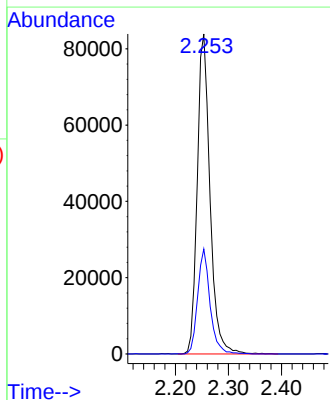
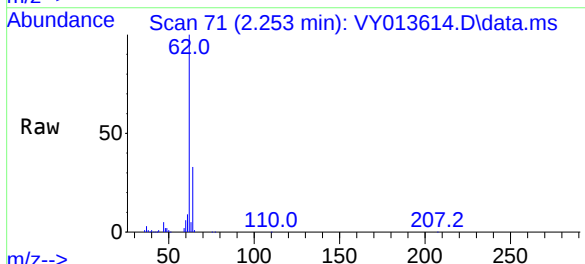
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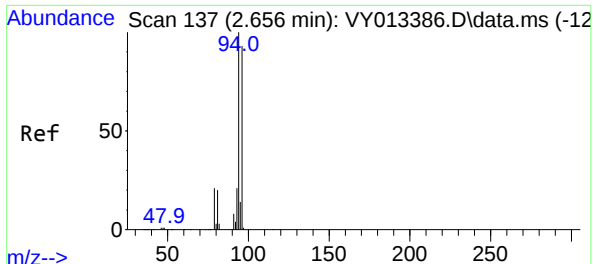
Tgt Ion: 50 Resp: 137606
Ion Ratio Lower Upper
50 100
52 33.1 25.9 38.9



#4
Vinyl Chloride
Concen: 43.221 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 62 Resp: 140053
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

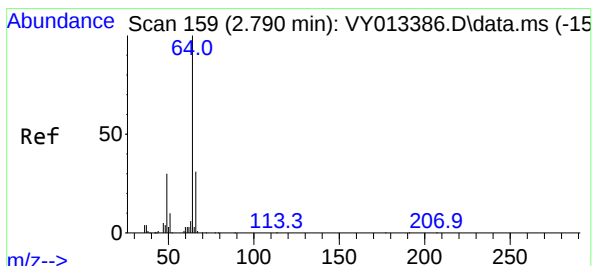
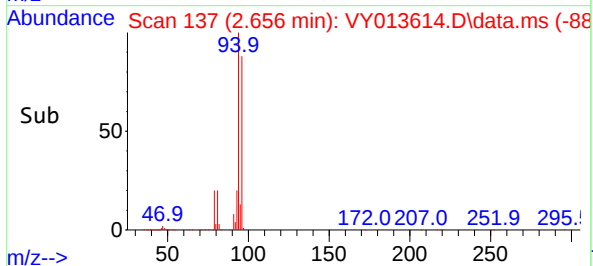
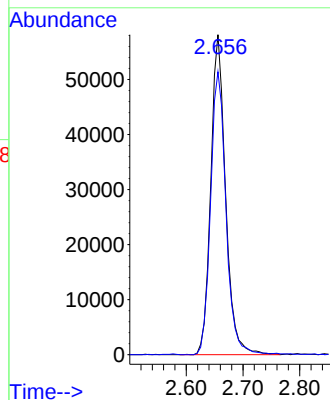
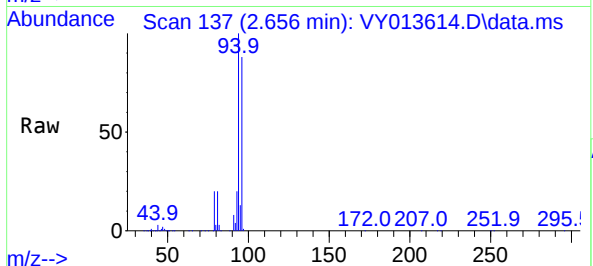




#5
Bromomethane
Concen: 40.816 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013614.D
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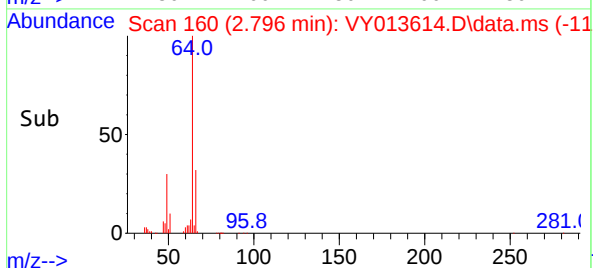
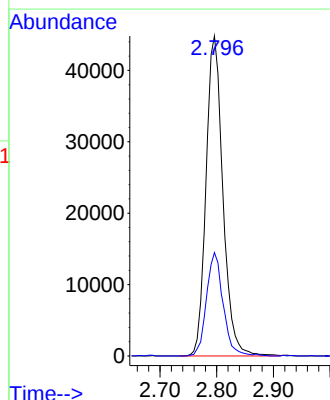
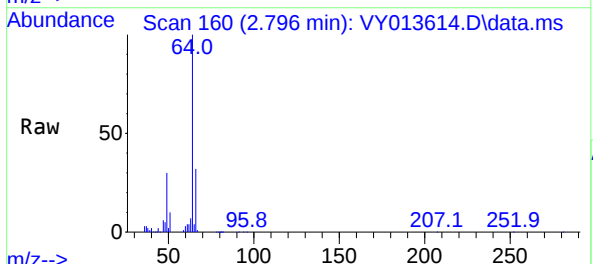
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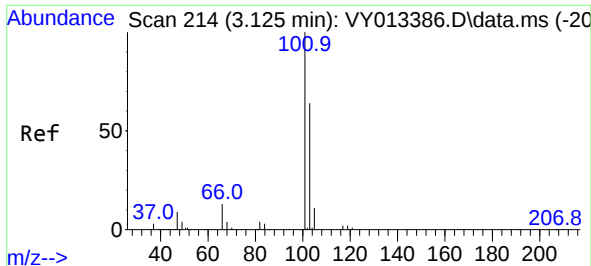
Tgt Ion: 94 Resp: 105397
Ion Ratio Lower Upper
94 100
96 88.4 74.2 111.2



#6
Chloroethane
Concen: 41.486 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013614.D
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Tgt Ion: 64 Resp: 92869
Ion Ratio Lower Upper
64 100
66 32.3 24.6 37.0

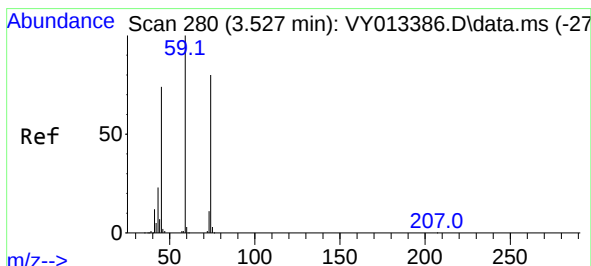
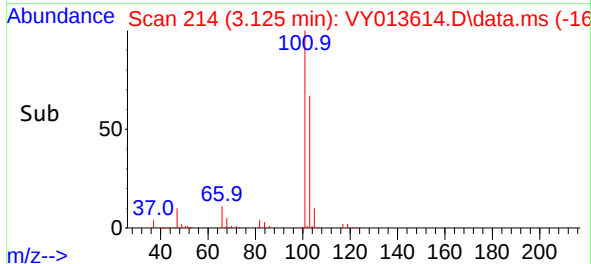
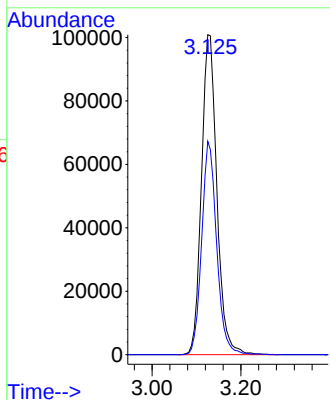
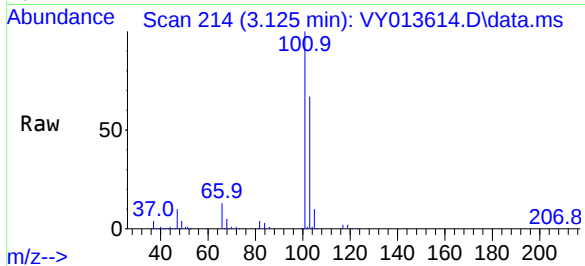




#7
 Trichlorofluoromethane
 Concen: 49.688 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013614.D
 Acq: 05 May 2023 10:14

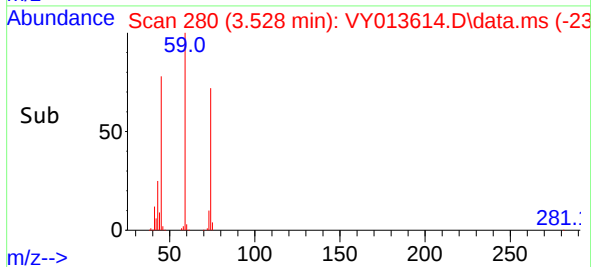
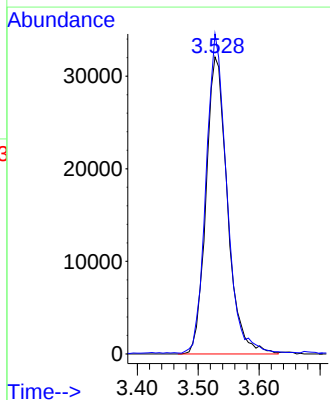
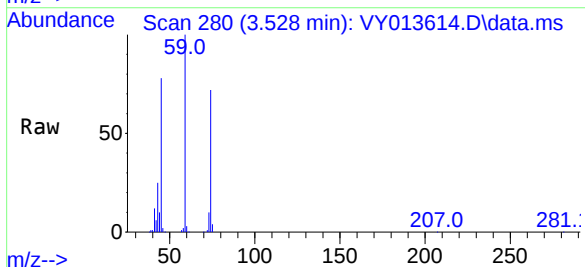
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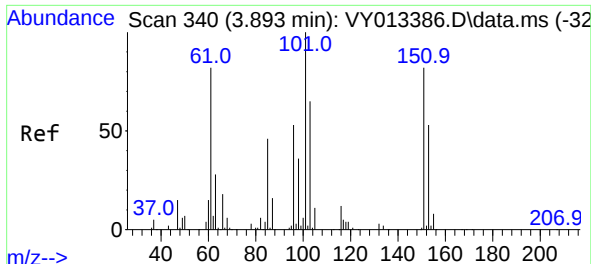
Tgt Ion:101 Resp: 243909
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.6 77.4



#8
 Diethyl Ether
 Concen: 46.955 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 78491
 Ion Ratio Lower Upper
 74 100
 45 104.1 48.2 144.6

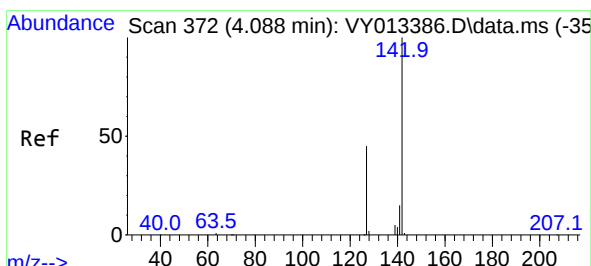
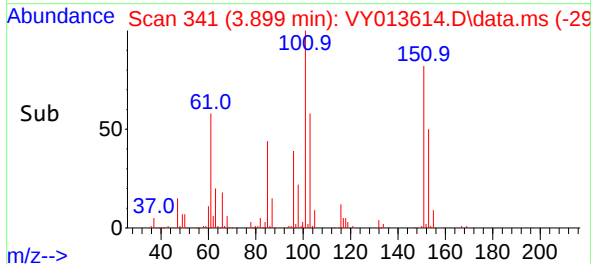
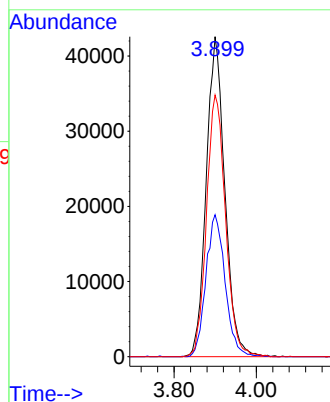
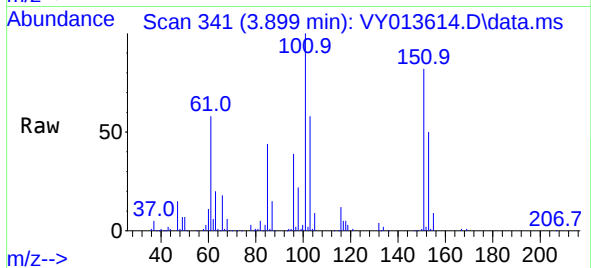




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.569 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

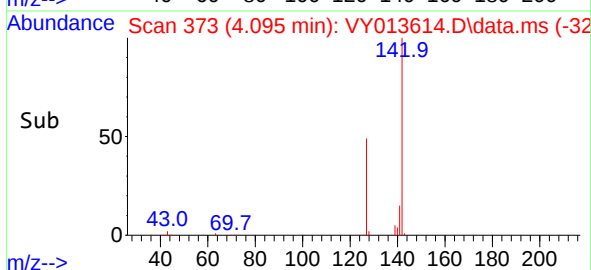
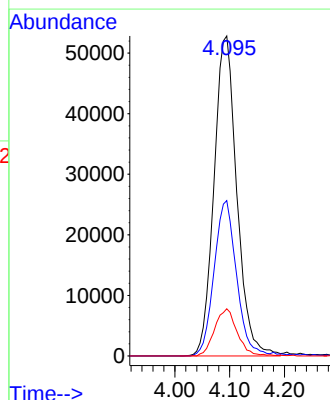
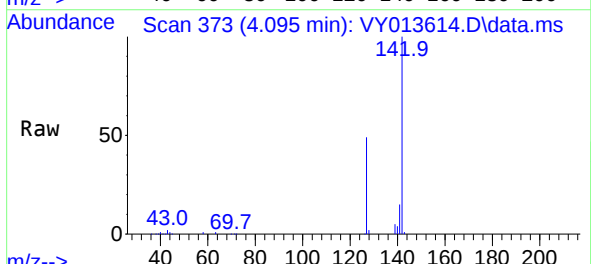
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

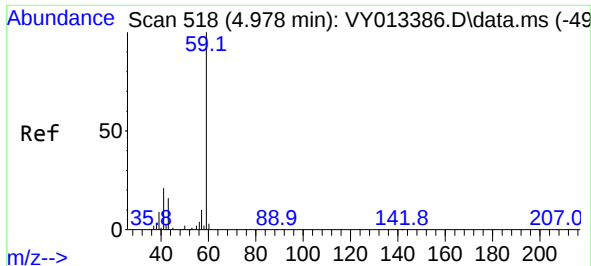
Tgt Ion:101 Resp: 133733
Ion Ratio Lower Upper
101 100
85 45.9 35.6 53.4
151 83.8 68.0 102.0



#10
Methyl Iodide
Concen: 44.239 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion:142 Resp: 152992
Ion Ratio Lower Upper
142 100
127 47.6 36.1 54.1
141 14.6 11.6 17.4

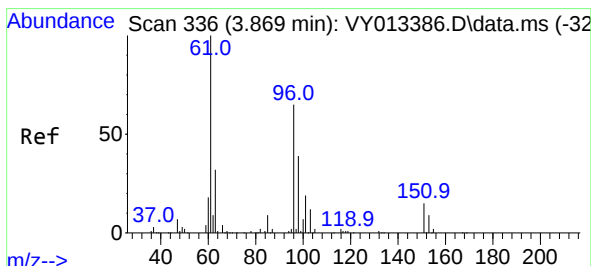
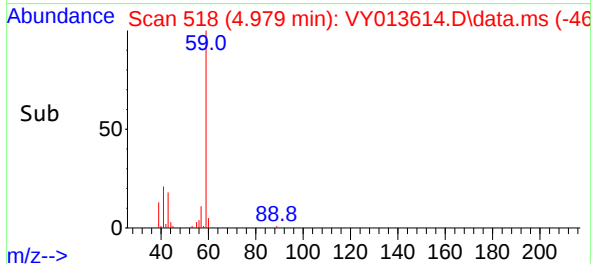
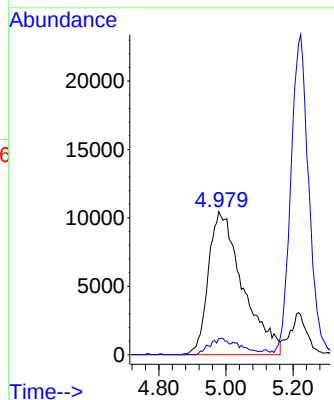
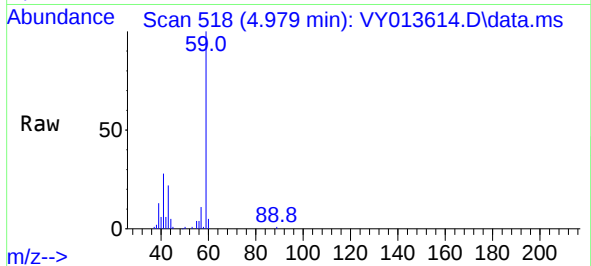




#11
Tert butyl alcohol
Concen: 235.451 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

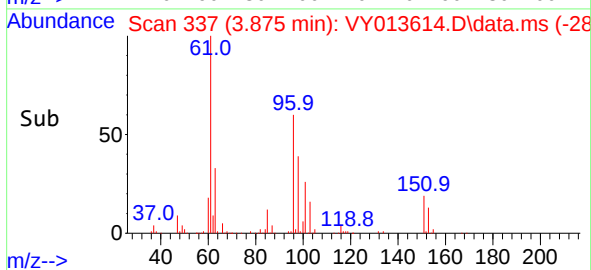
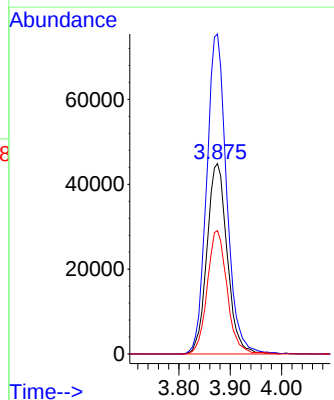
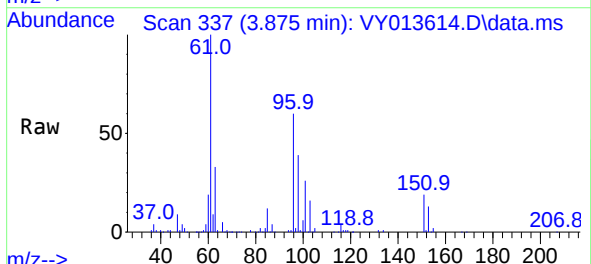
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

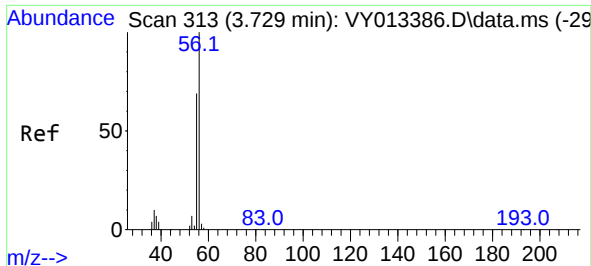
Tgt Ion: 59 Resp: 74231
Ion Ratio Lower Upper
59 100
57 6.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 46.264 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 96 Resp: 122790
Ion Ratio Lower Upper
96 100
61 168.0 123.9 185.9
98 64.8 48.9 73.3

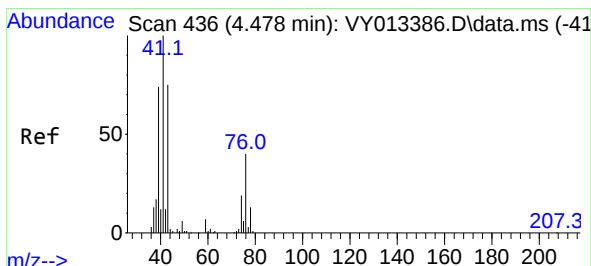
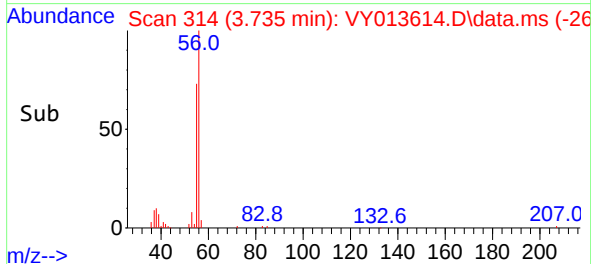
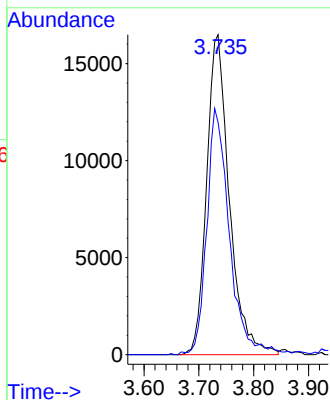
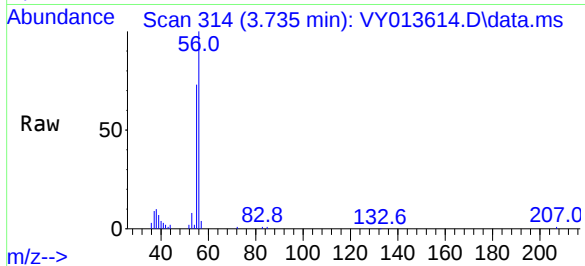




#13
Acrolein
Concen: 191.410 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

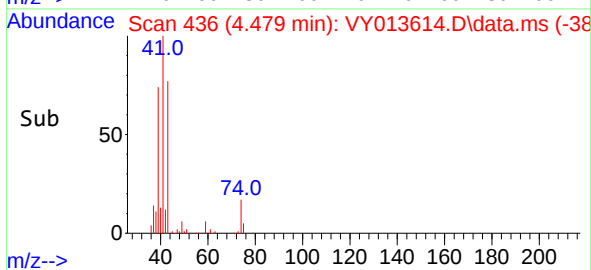
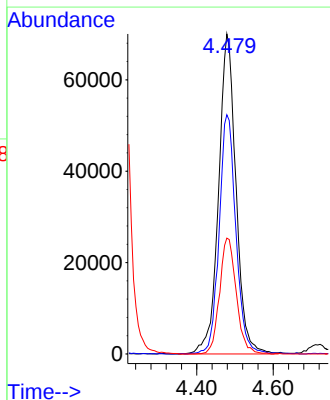
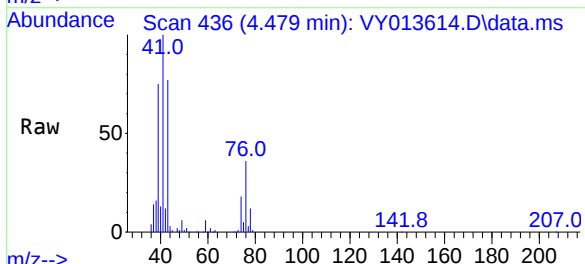
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

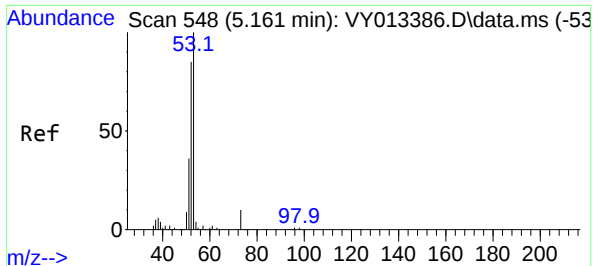
Tgt Ion: 56 Resp: 47328
Ion Ratio Lower Upper
56 100
55 76.7 54.1 81.1



#14
Allyl chloride
Concen: 44.920 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 41 Resp: 221220
Ion Ratio Lower Upper
41 100
39 72.0 56.6 85.0
76 34.7 30.5 45.7





#15

Acrylonitrile

Concen: 257.650 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

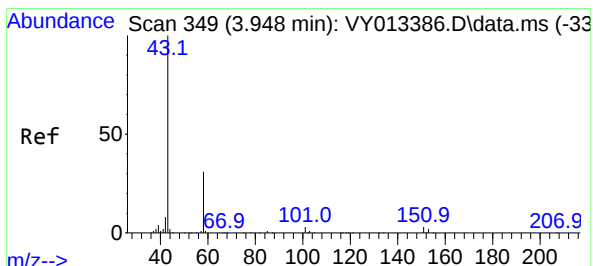
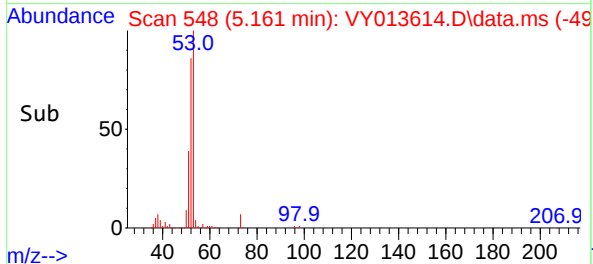
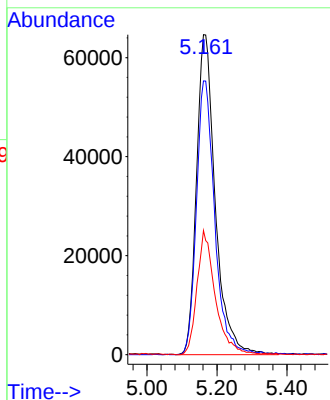
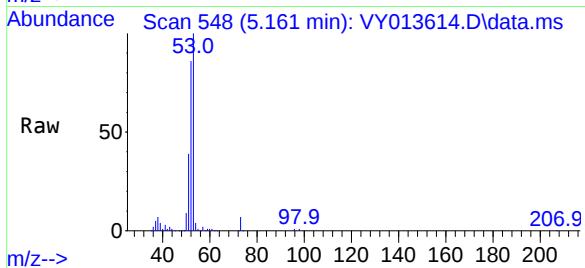
Tgt Ion: 53 Resp: 241204

Ion Ratio Lower Upper

53 100

52 83.3 65.4 98.0

51 37.7 29.3 43.9



#16

Acetone

Concen: 254.680 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY013614.D

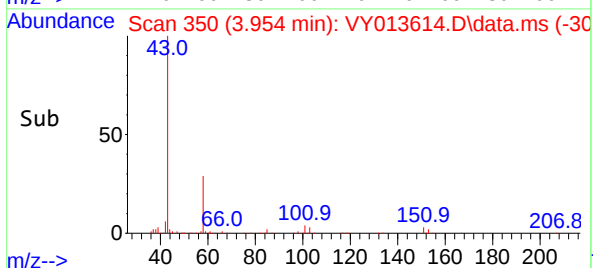
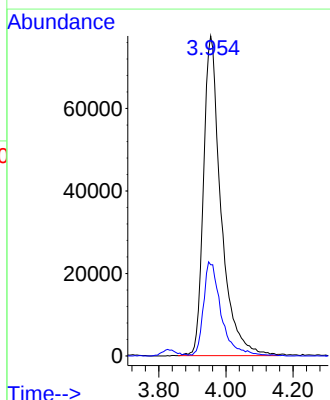
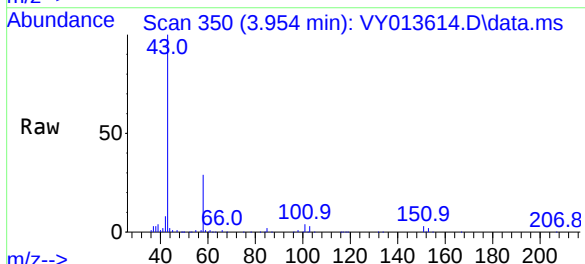
Acq: 05 May 2023 10:14

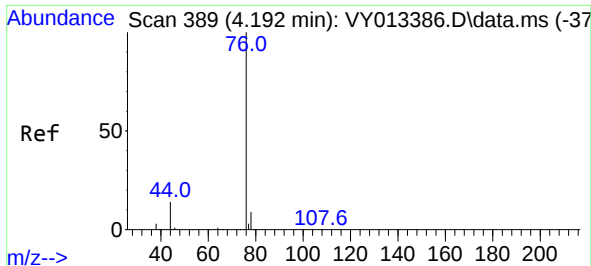
Tgt Ion: 43 Resp: 280781

Ion Ratio Lower Upper

43 100

58 28.4 25.4 38.0

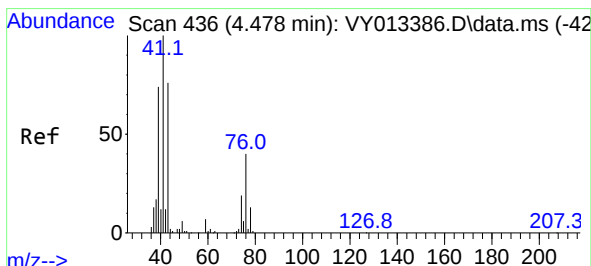
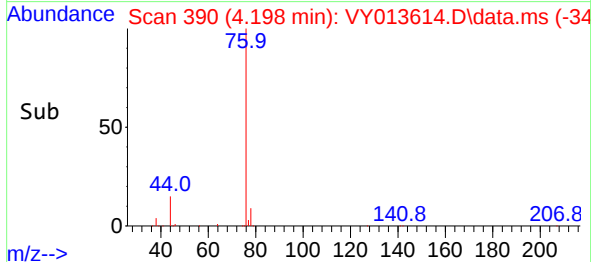
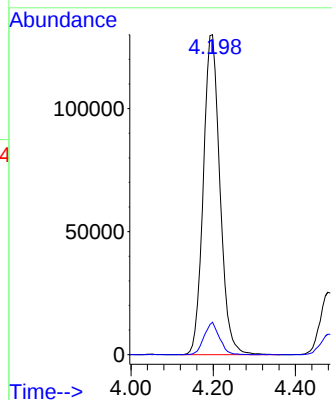
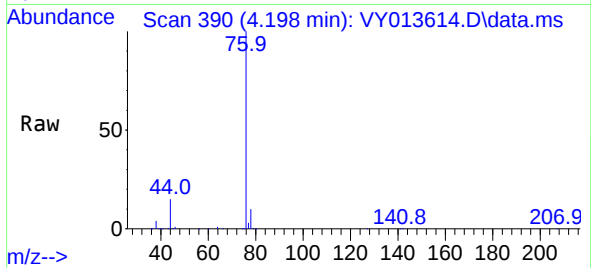




#17
Carbon Disulfide
Concen: 42.376 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

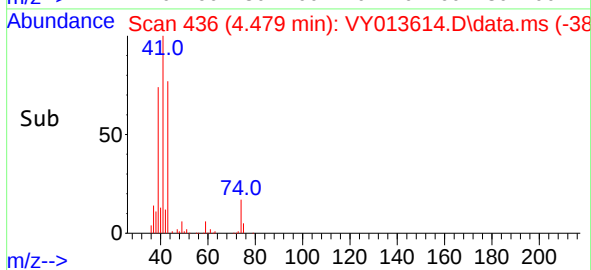
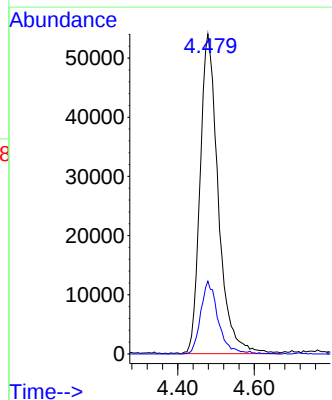
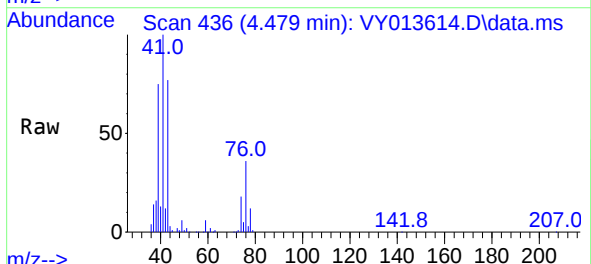
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

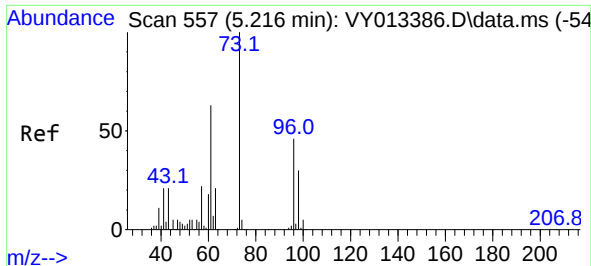
Tgt Ion: 76 Resp: 365347
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#18
Methyl Acetate
Concen: 48.832 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 43 Resp: 177812
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2

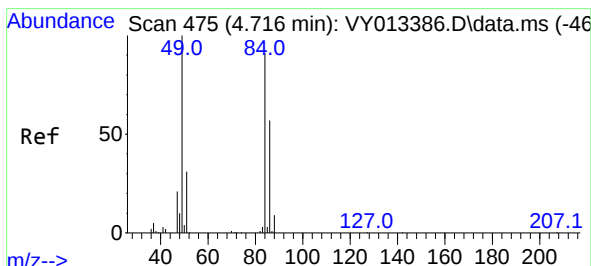
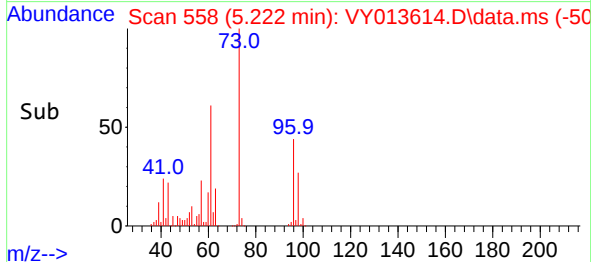
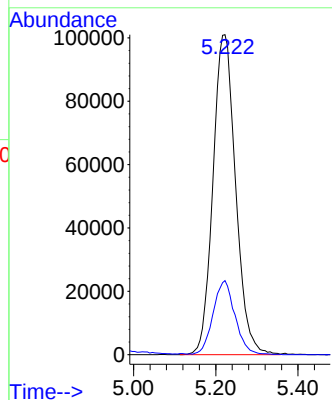
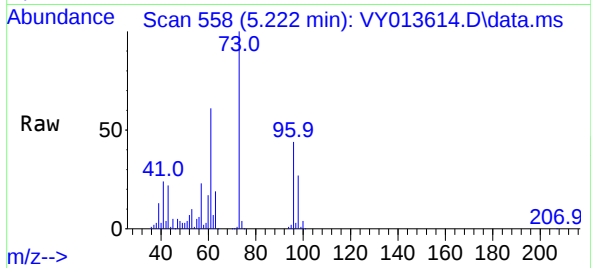




#19
Methyl tert-butyl Ether
Concen: 50.443 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

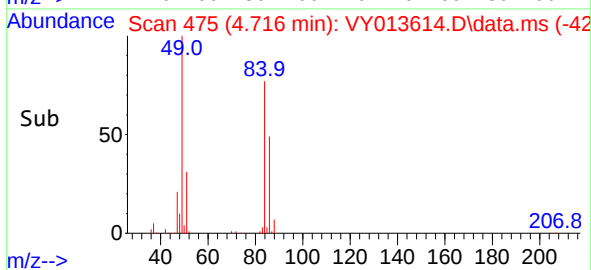
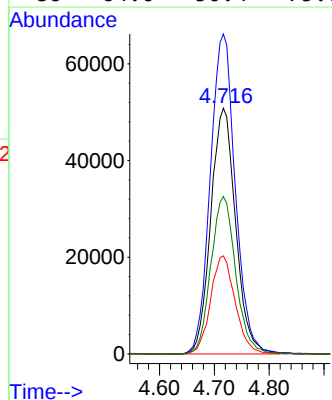
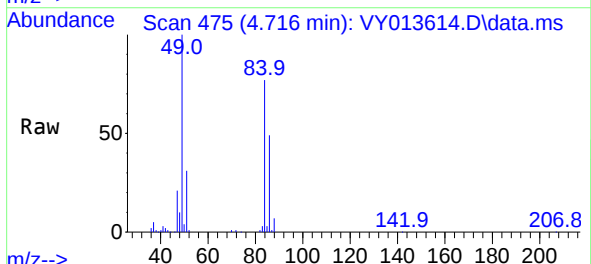
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

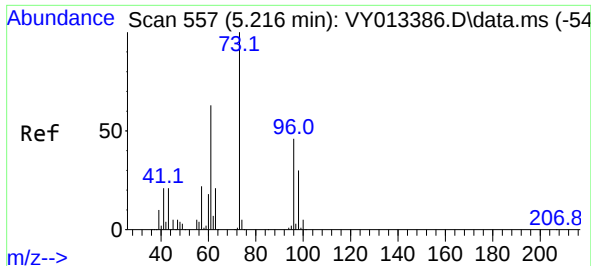
Tgt Ion: 73 Resp: 386516
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.8



#20
Methylene Chloride
Concen: 45.658 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 84 Resp: 160121
Ion Ratio Lower Upper
84 100
49 130.2 88.0 132.0
51 39.9 27.4 41.0
86 64.0 50.4 75.6

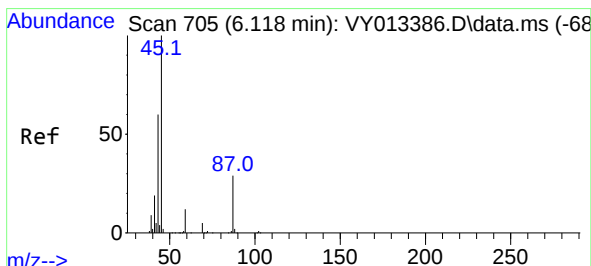
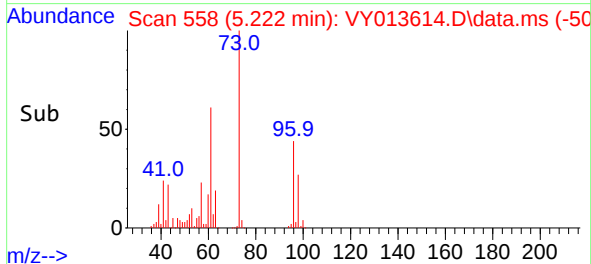
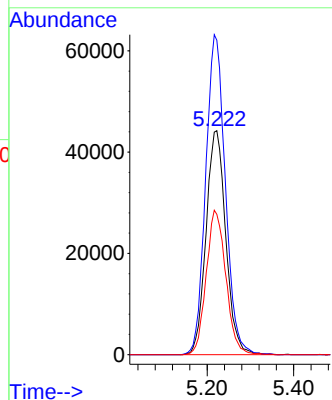
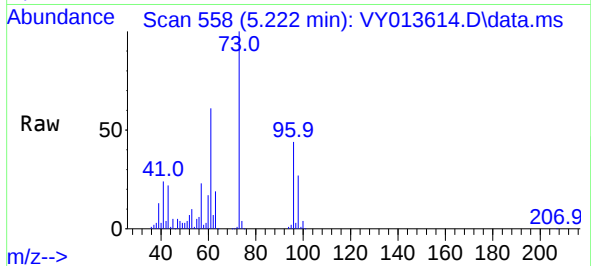




#21
trans-1,2-Dichloroethene
Concen: 48.242 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

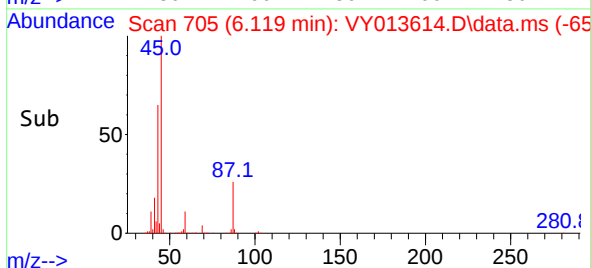
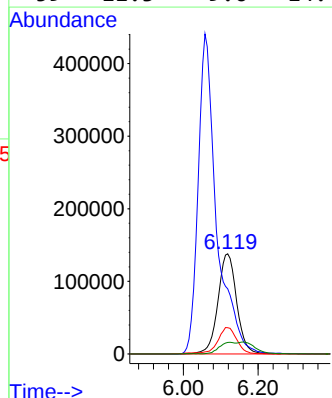
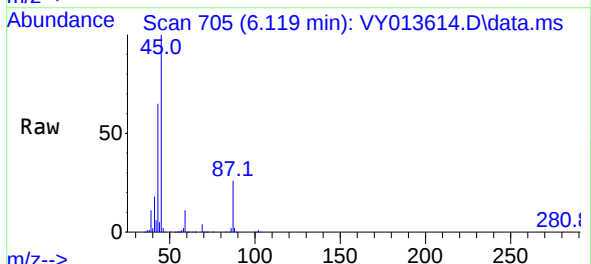
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

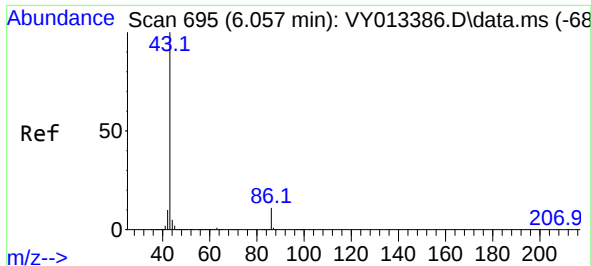
Tgt Ion: 96 Resp: 139995
Ion Ratio Lower Upper
96 100
61 140.3 110.6 165.8
98 62.6 53.1 79.7



#22
Diisopropyl ether
Concen: 49.839 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 45 Resp: 479743
Ion Ratio Lower Upper
45 100
43 64.8 48.4 72.6
87 26.2 23.8 35.6
59 11.3 9.6 14.4

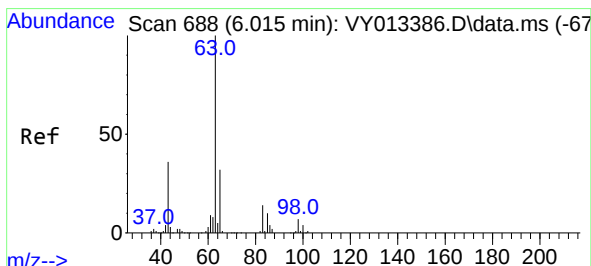
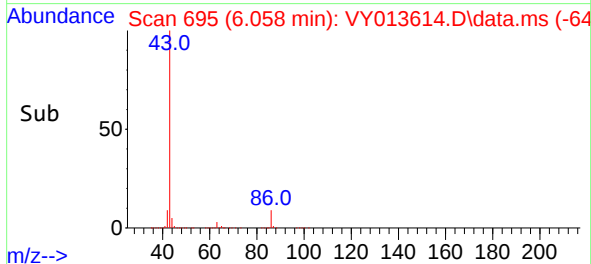
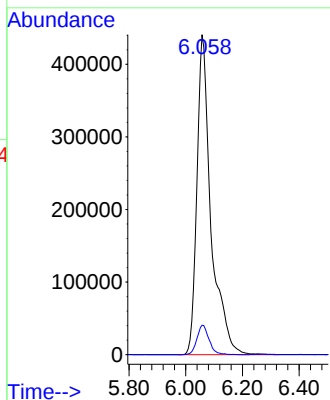
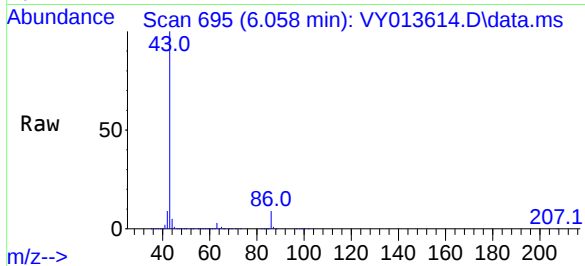




#23
Vinyl Acetate
Concen: 278.203 ug/l
RT: 6.058 min Scan# 695
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

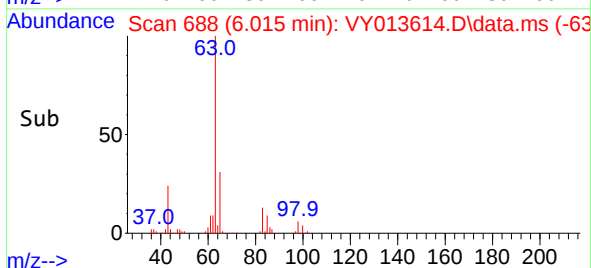
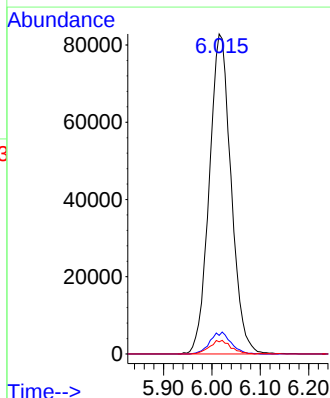
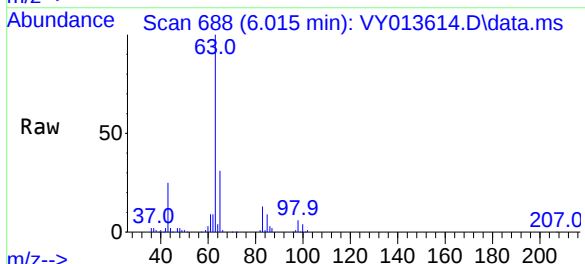
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

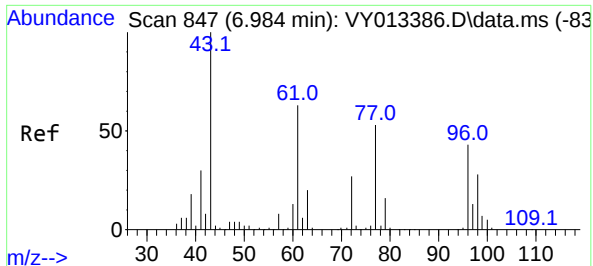
Tgt Ion: 43 Resp: 1516231
Ion Ratio Lower Upper
43 100
86 9.2 8.5 12.7



#24
1,1-Dichloroethane
Concen: 48.420 ug/l
RT: 6.015 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 63 Resp: 259761
Ion Ratio Lower Upper
63 100
98 5.8 3.5 10.6
100 3.8 2.2 6.6

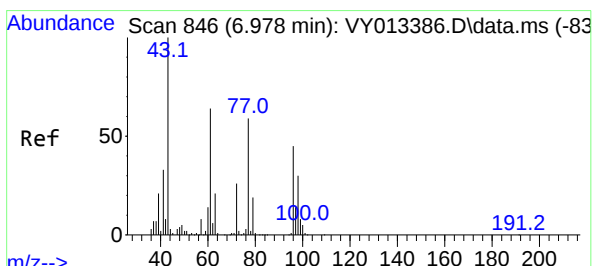
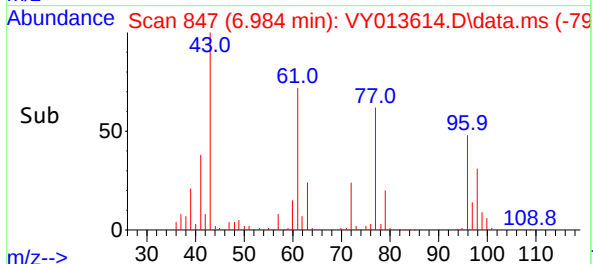
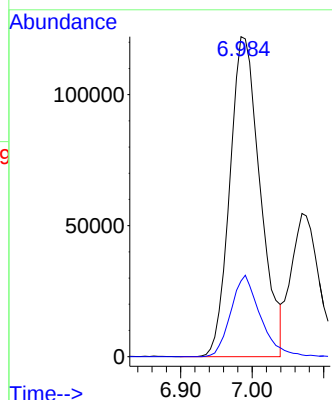
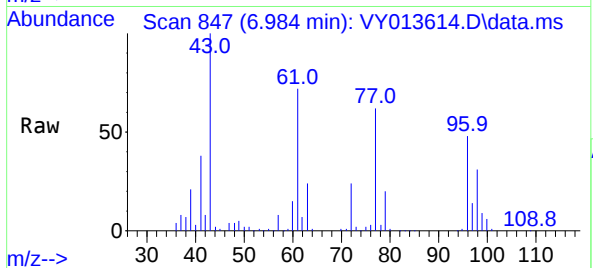




#25
2-Butanone
Concen: 257.491 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

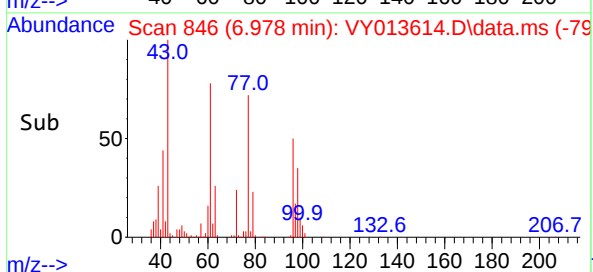
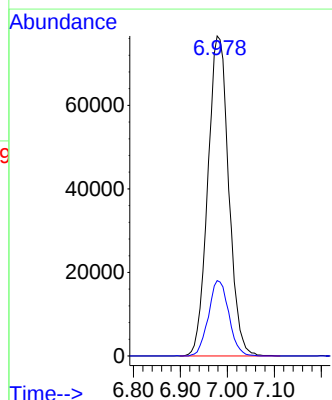
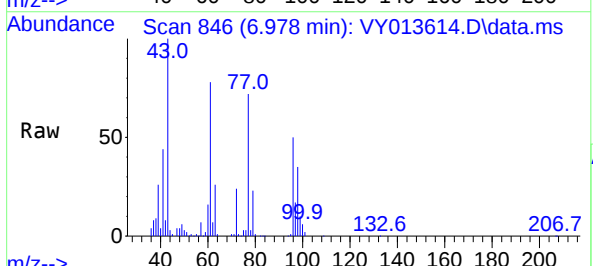
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

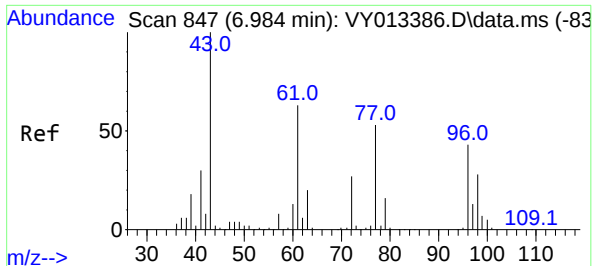
Tgt Ion: 43 Resp: 360023
Ion Ratio Lower Upper
43 100
72 23.6 21.9 32.9



#26
2,2-Dichloropropane
Concen: 51.085 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 77 Resp: 236156
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.4

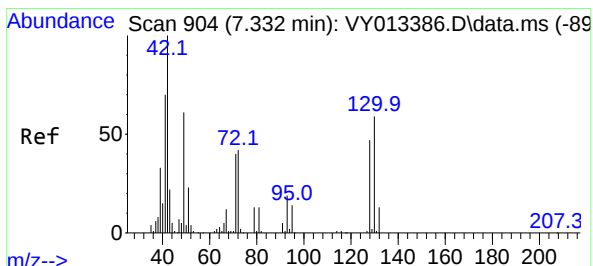
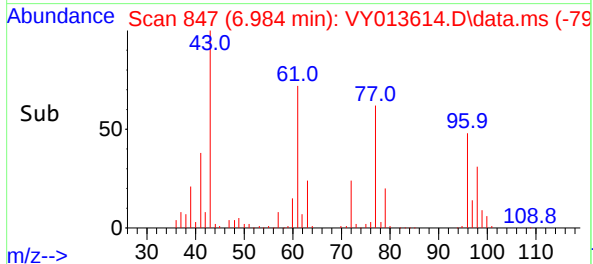
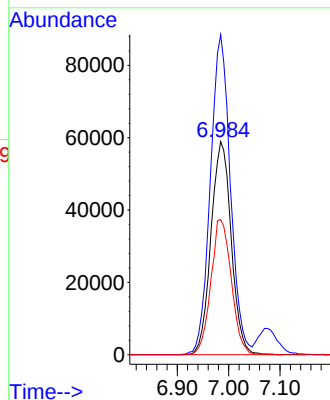
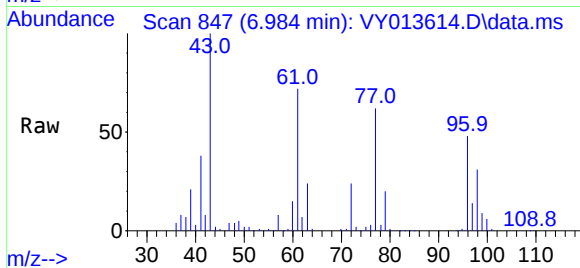




#27
cis-1,2-Dichloroethene
Concen: 50.323 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

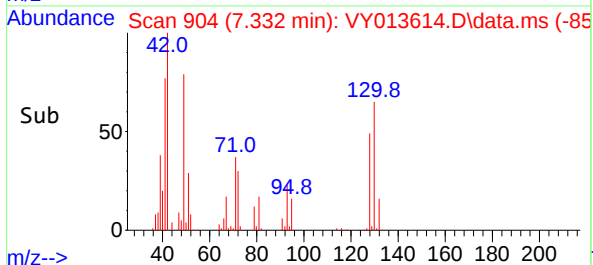
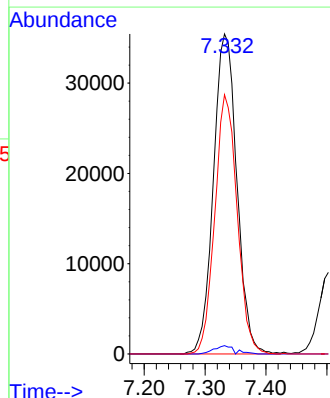
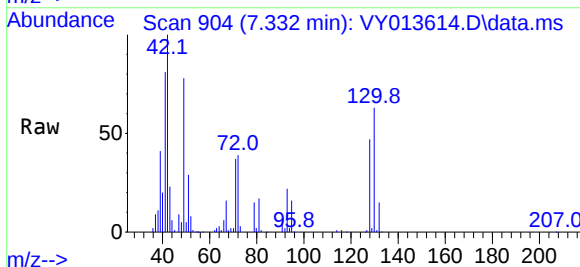
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

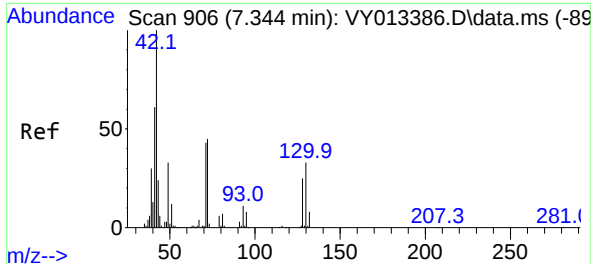
Tgt Ion: 96 Resp: 161350
Ion Ratio Lower Upper
96 100
61 148.4 0.0 285.0
98 64.1 0.0 130.6



#28
Bromochloromethane
Concen: 49.765 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 49 Resp: 94741
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.2
130 77.1 72.1 108.1





#29

Tetrahydrofuran

Concen: 254.456 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

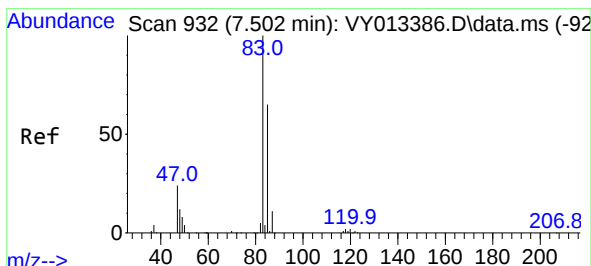
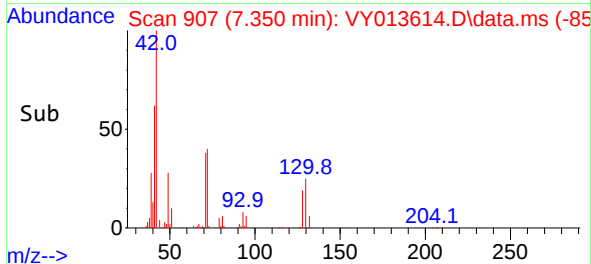
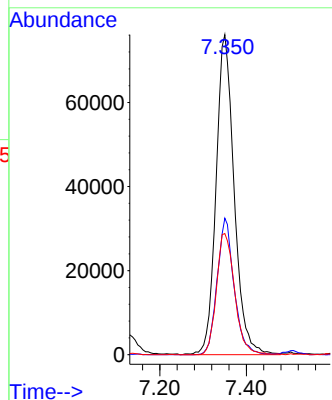
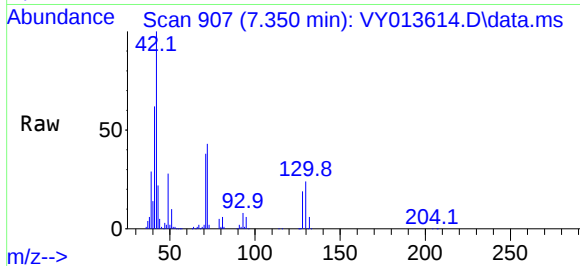
Tgt Ion: 42 Resp: 221465

Ion Ratio Lower Upper

42 100

72 39.9 35.9 53.9

71 38.1 34.3 51.5



#30

Chloroform

Concen: 52.669 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY013614.D

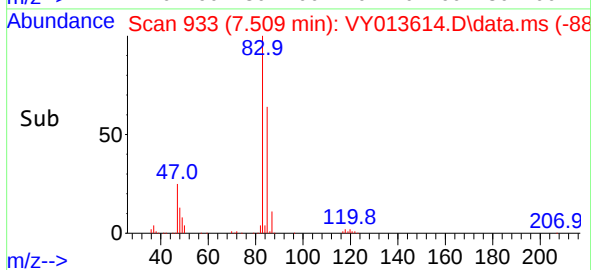
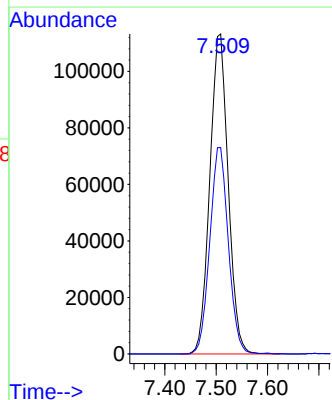
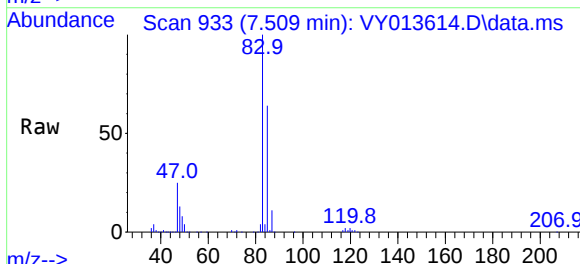
Acq: 05 May 2023 10:14

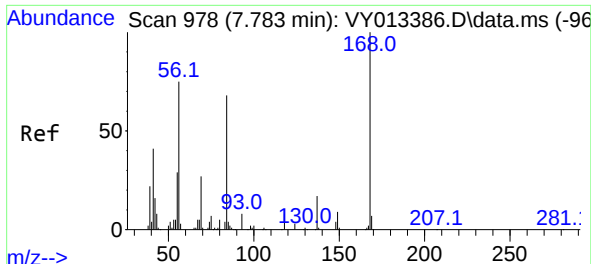
Tgt Ion: 83 Resp: 280934

Ion Ratio Lower Upper

83 100

85 64.5 52.0 78.0

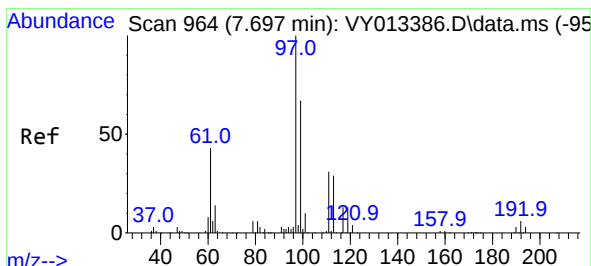
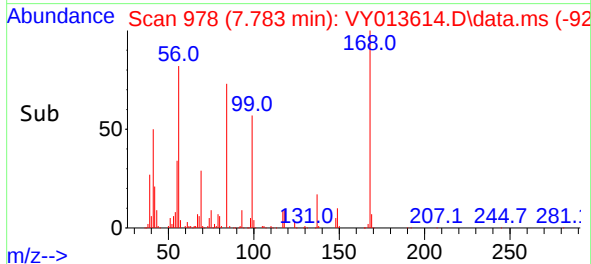
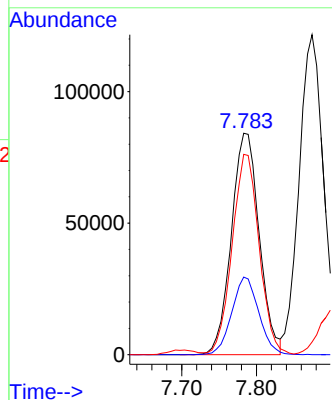
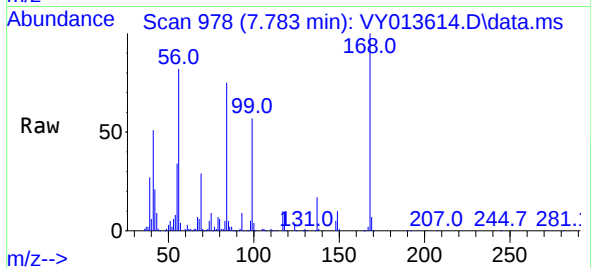




#31
Cyclohexane
Concen: 43.663 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

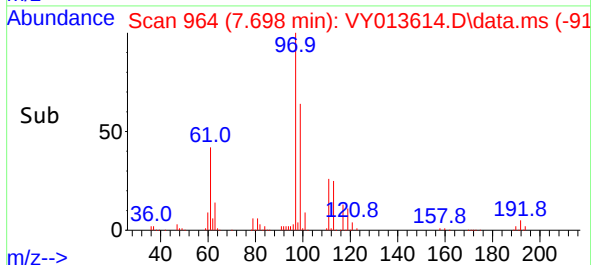
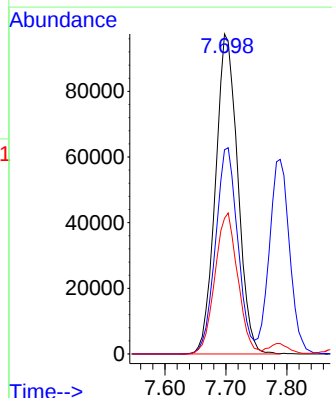
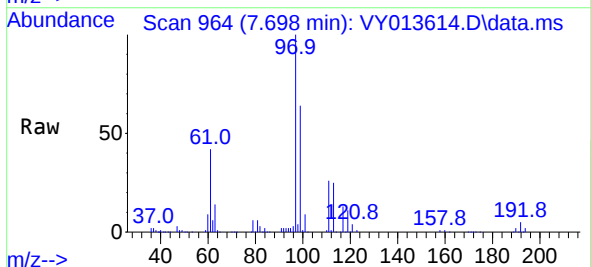
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

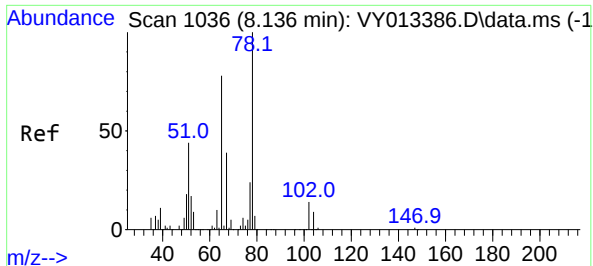
Tgt Ion: 56 Resp: 218853
Ion Ratio Lower Upper
56 100
69 35.0 29.2 43.8
84 88.5 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 52.092 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 97 Resp: 247942
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 45.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.839 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

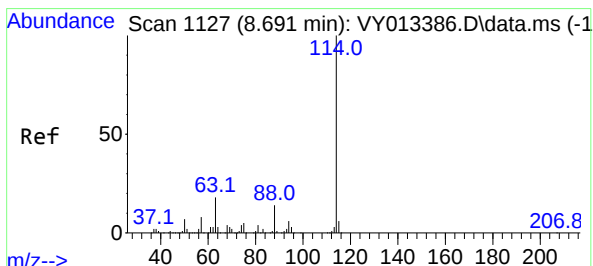
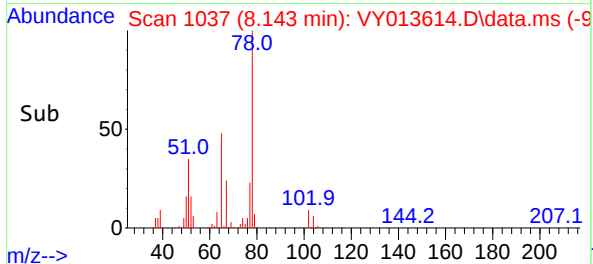
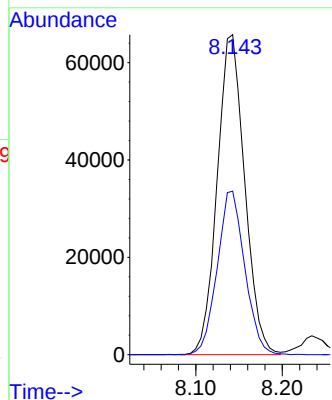
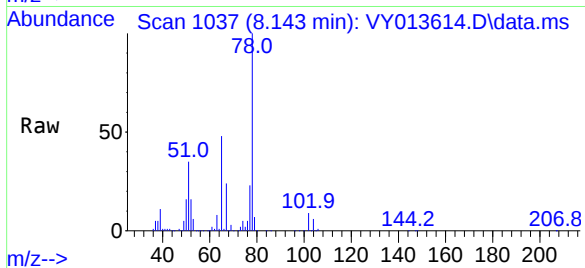
VSTDCCC050

Tgt Ion: 65 Resp: 145126

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

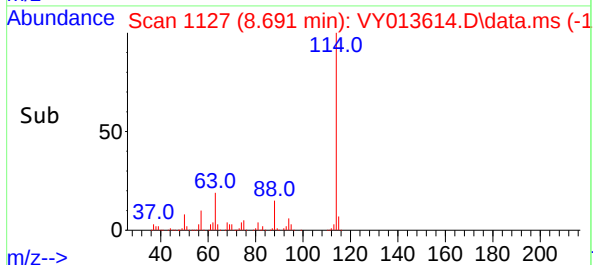
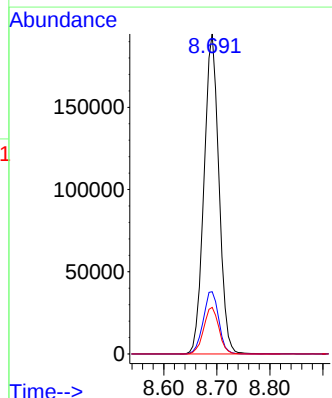
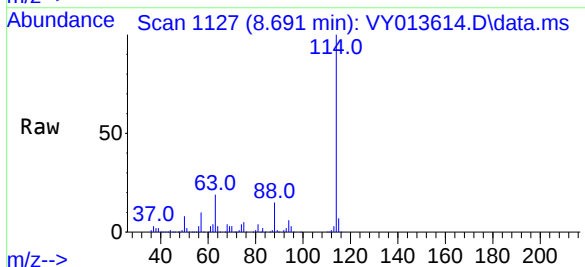
Tgt Ion: 114 Resp: 379103

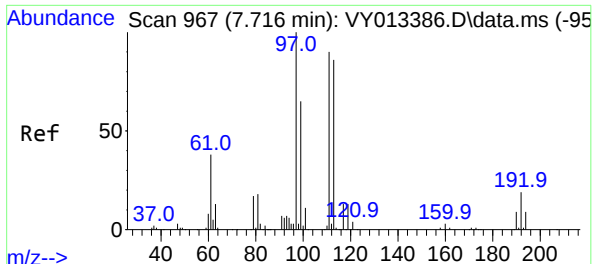
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.6

88 14.5 0.0 28.8

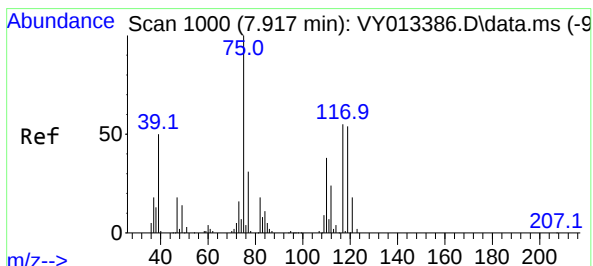
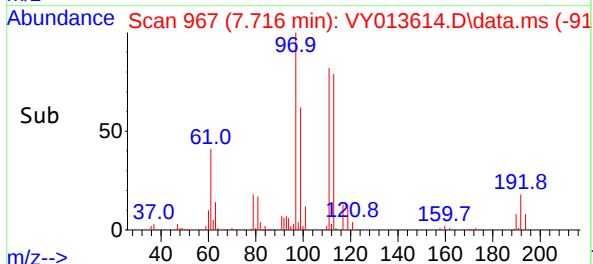
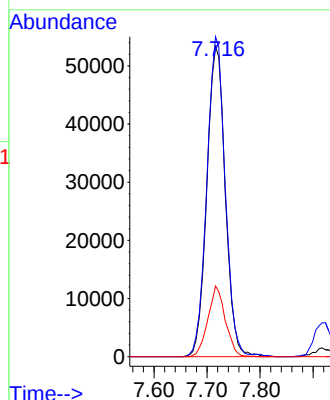
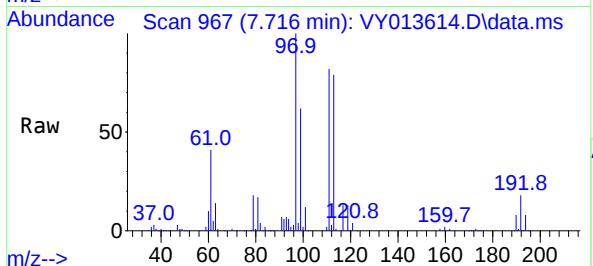




#35
Dibromofluoromethane
Concen: 53.940 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

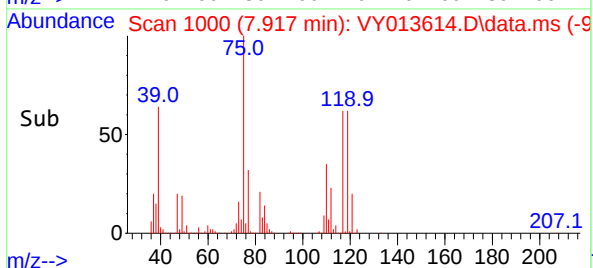
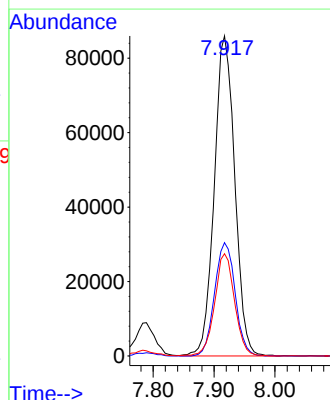
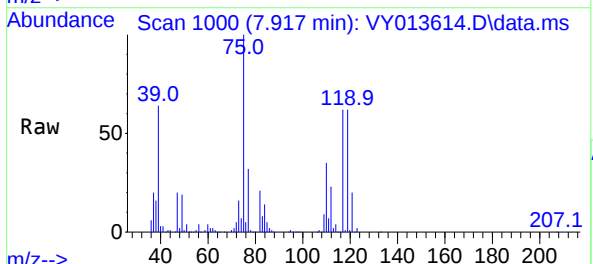
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

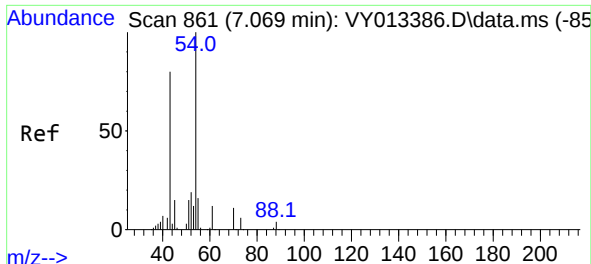
Tgt Ion:113 Resp: 128614
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 21.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 50.810 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 75 Resp: 201067
Ion Ratio Lower Upper
75 100
110 35.6 18.7 56.1
77 31.1 24.6 37.0

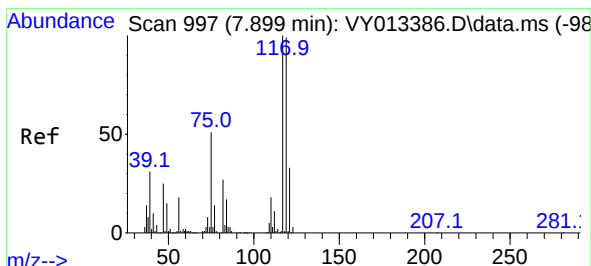
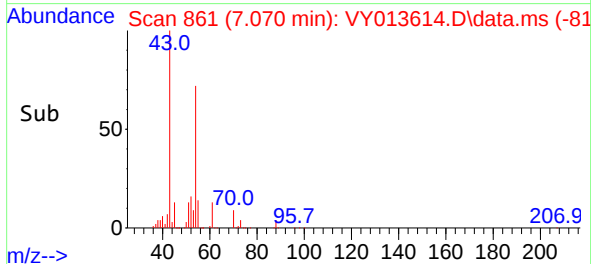
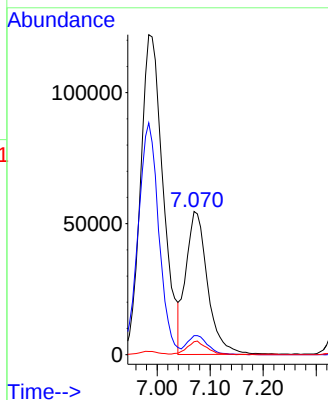
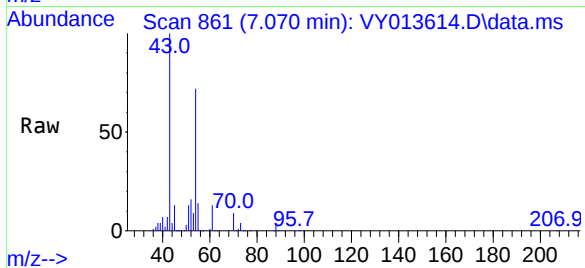




#37
Ethyl Acetate
Concen: 52.147 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

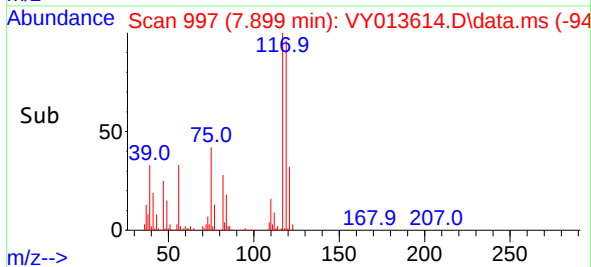
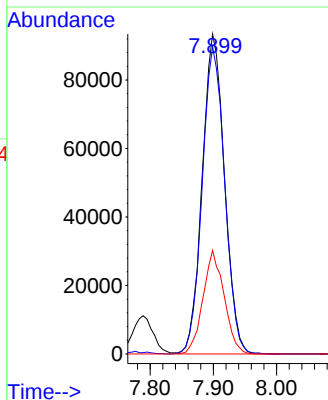
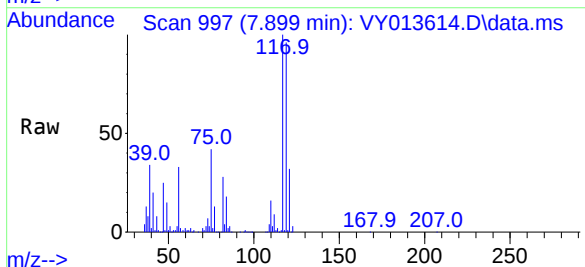
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

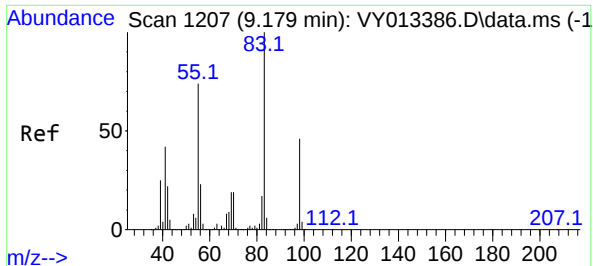
Tgt Ion: 43 Resp: 155292
Ion Ratio Lower Upper
43 100
61 12.6 11.4 17.0
70 8.6 7.9 11.9



#38
Carbon Tetrachloride
Concen: 55.357 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 117 Resp: 229602
Ion Ratio Lower Upper
117 100
119 96.0 79.0 118.6
121 32.4 26.6 40.0





#39

Methylcyclohexane

Concen: 50.116 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

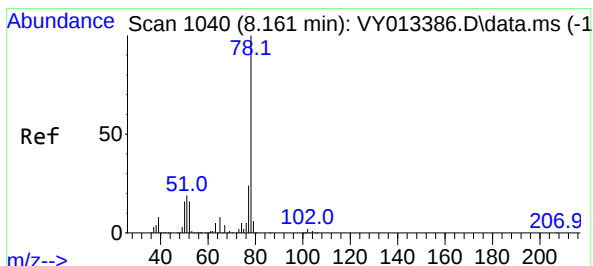
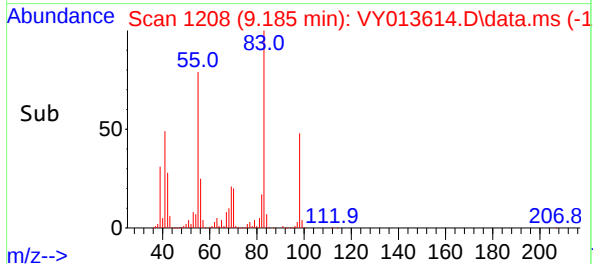
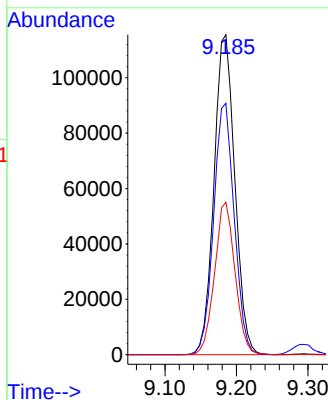
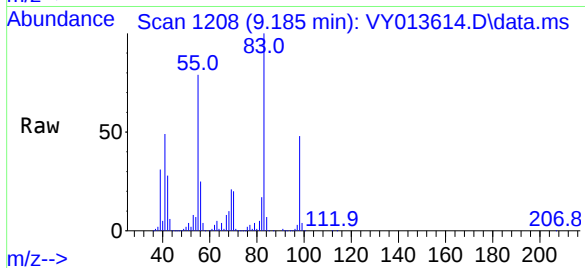
Tgt Ion: 83 Resp: 233800

Ion Ratio Lower Upper

83 100

55 78.5 59.0 88.4

98 47.7 37.0 55.4



#40

Benzene

Concen: 52.454 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013614.D

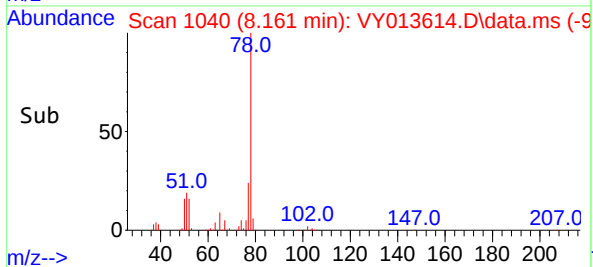
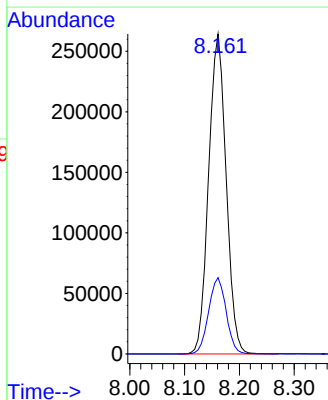
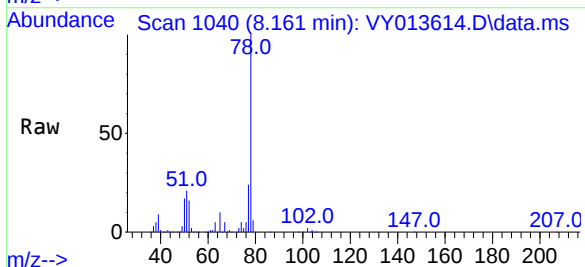
Acq: 05 May 2023 10:14

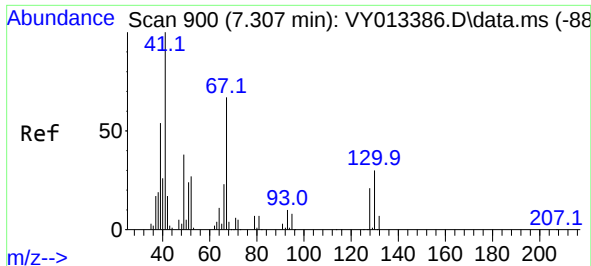
Tgt Ion: 78 Resp: 584707

Ion Ratio Lower Upper

78 100

77 23.9 19.2 28.8

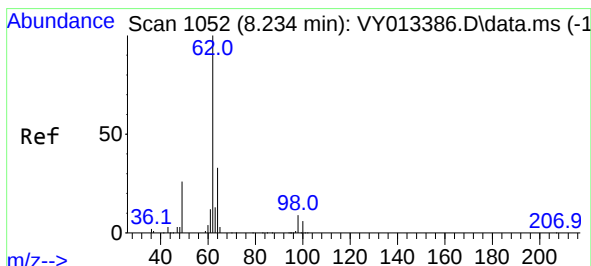
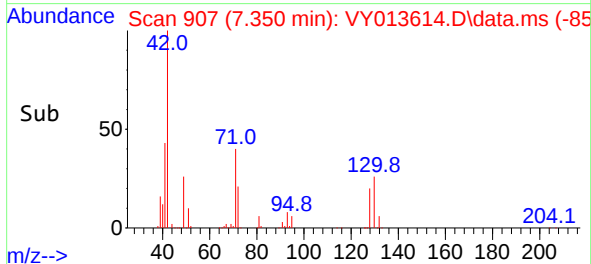
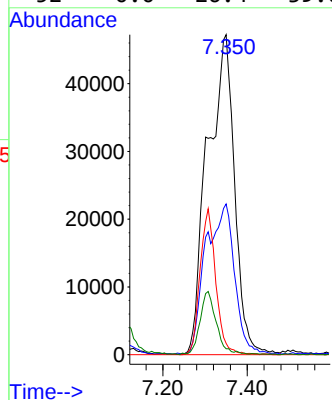
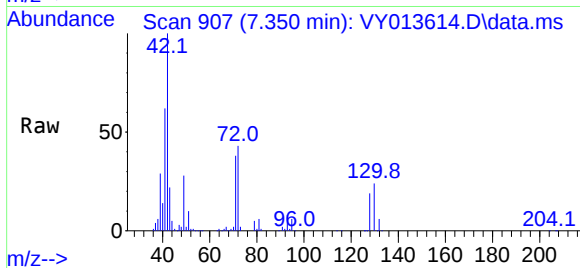




#41
Methacrylonitrile
Concen: 151.001 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

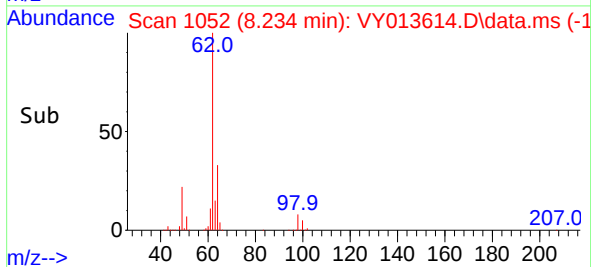
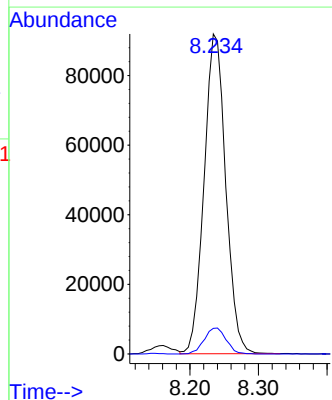
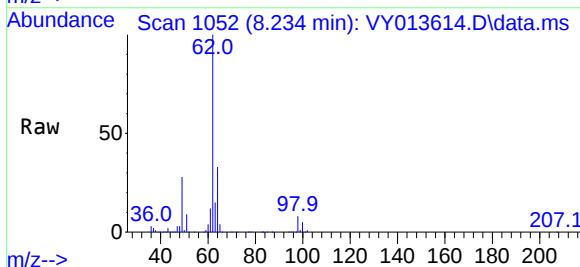
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

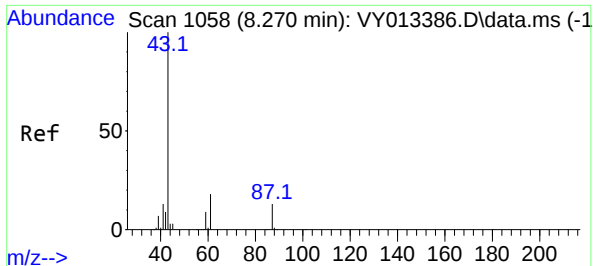
Tgt Ion: 41 Resp: 209544
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 55.423 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 62 Resp: 201981
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.8





#43

Isopropyl Acetate

Concen: 51.834 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

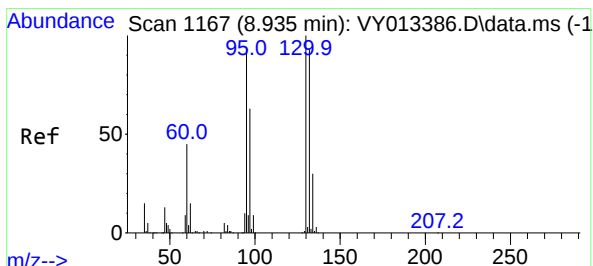
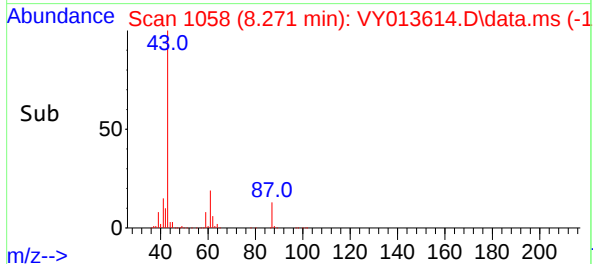
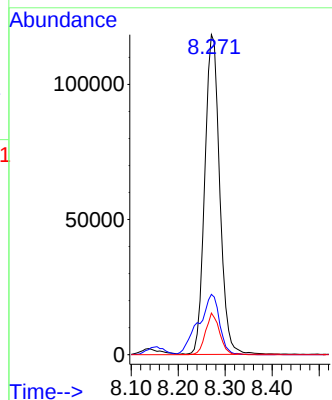
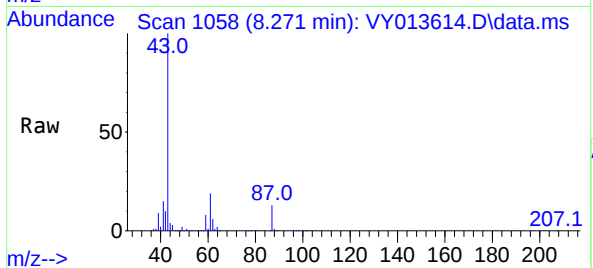
Tgt Ion: 43 Resp: 260542

Ion Ratio Lower Upper

43 100

61 26.5 22.2 33.4

87 12.2 11.0 16.6



#44

Trichloroethene

Concen: 51.225 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY013614.D

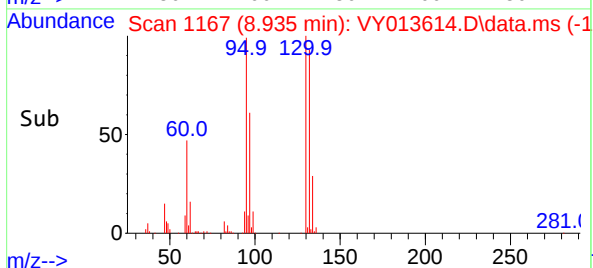
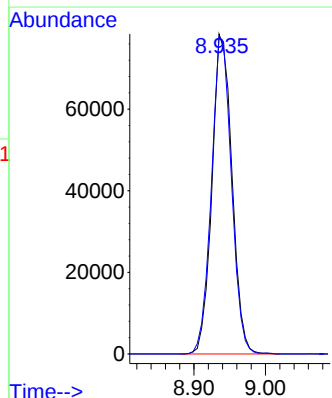
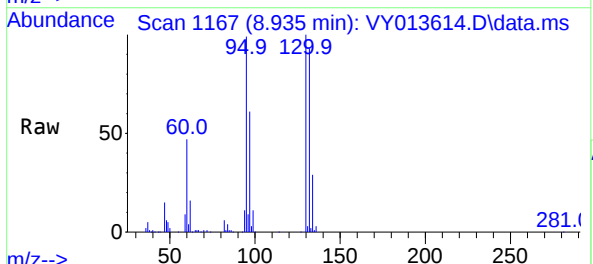
Acq: 05 May 2023 10:14

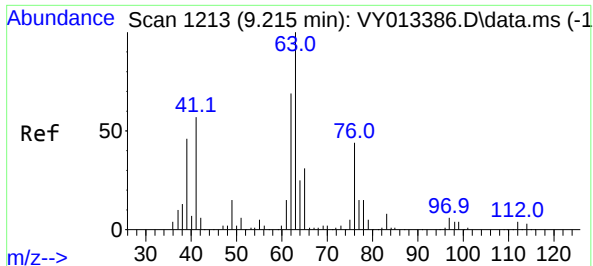
Tgt Ion:130 Resp: 151887

Ion Ratio Lower Upper

130 100

95 99.2 0.0 188.8





#45

1,2-Dichloropropane

Concen: 52.242 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

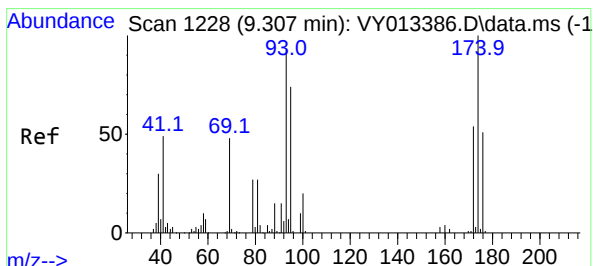
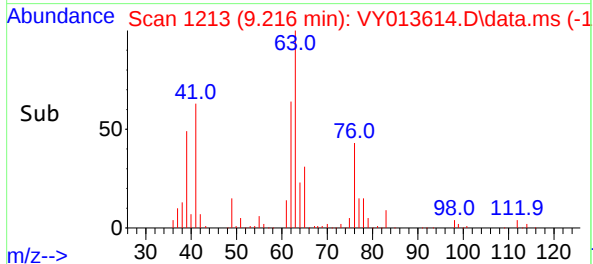
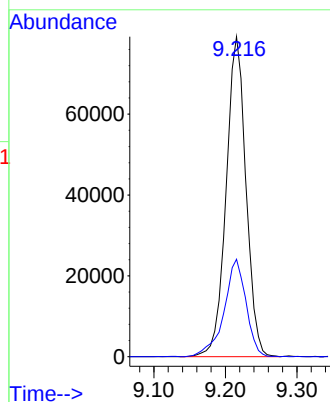
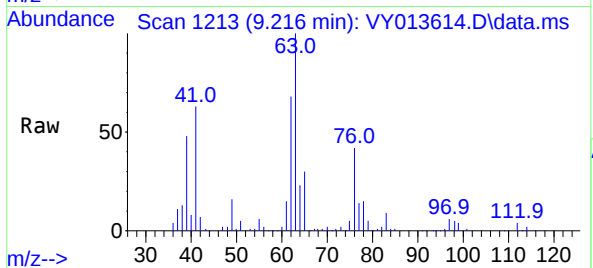
VSTDCCC050

Tgt Ion: 63 Resp: 152262

Ion Ratio Lower Upper

63 100

65 30.5 24.6 37.0



#46

Dibromomethane

Concen: 53.171 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

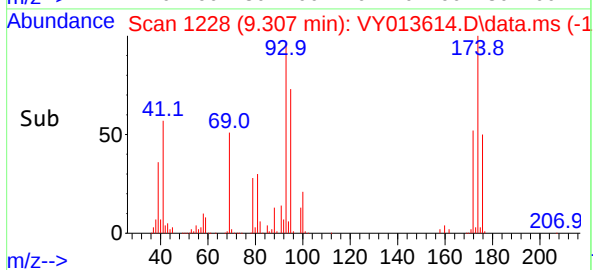
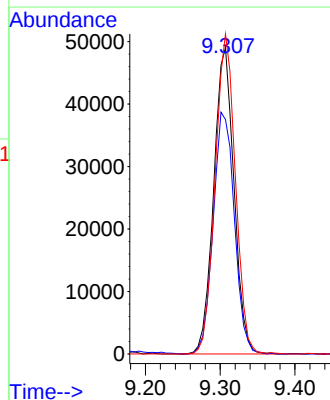
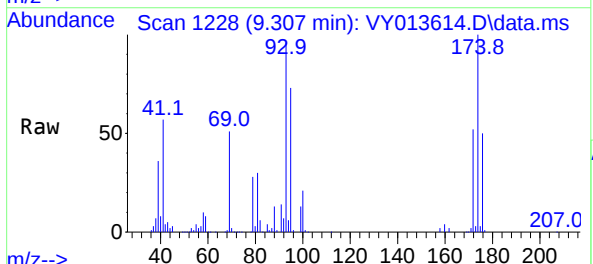
Tgt Ion: 93 Resp: 92724

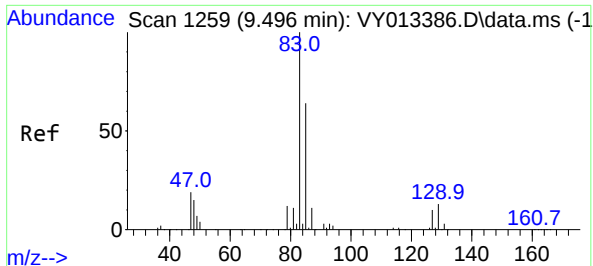
Ion Ratio Lower Upper

93 100

95 82.4 67.1 100.7

174 104.0 87.0 130.4

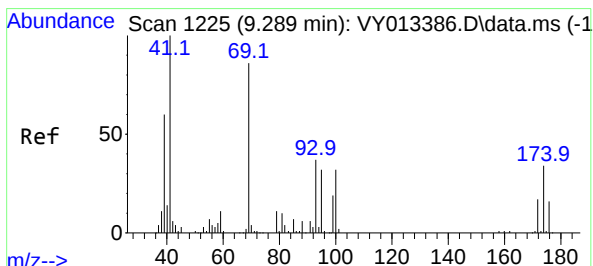
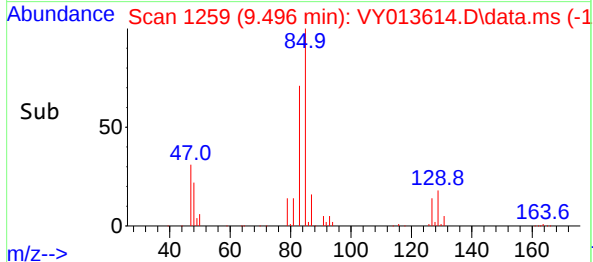
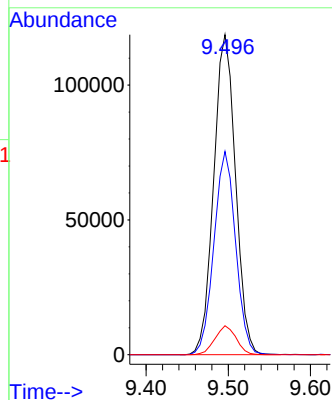
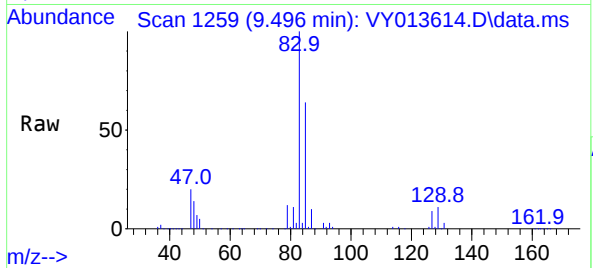




#47
Bromodichloromethane
Concen: 56.150 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

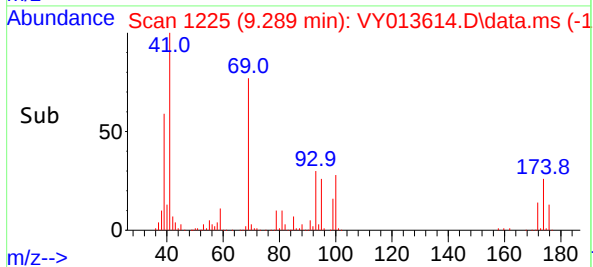
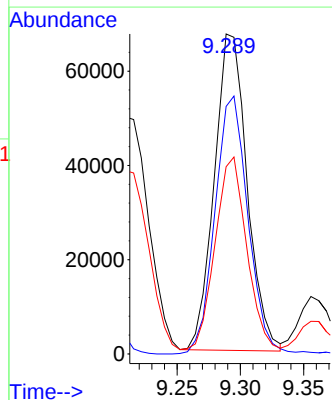
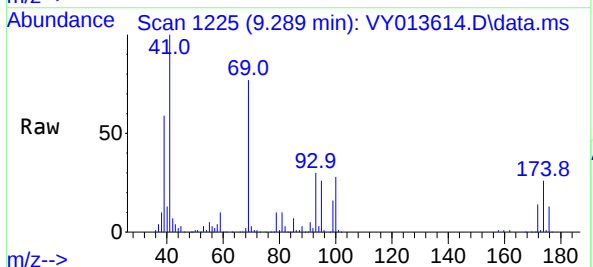
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

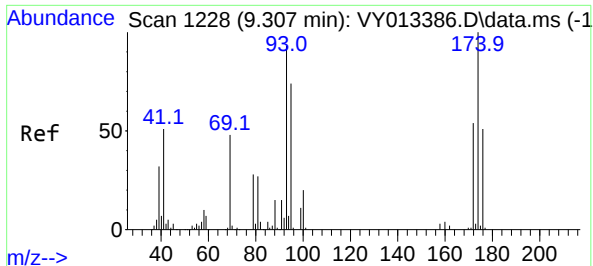
Tgt Ion: 83 Resp: 219106
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2
127 9.0 8.1 12.1



#48
Methyl methacrylate
Concen: 52.528 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 41 Resp: 121260
Ion Ratio Lower Upper
41 100
69 82.4 70.2 105.4
39 58.6 47.9 71.9

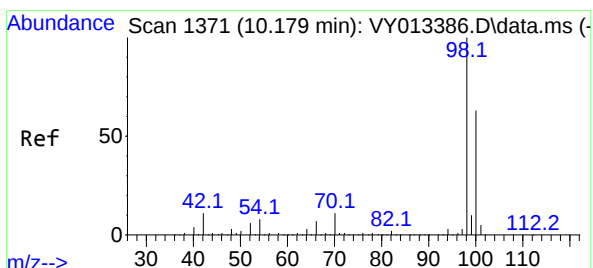
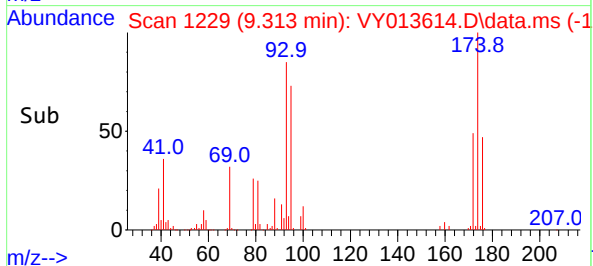
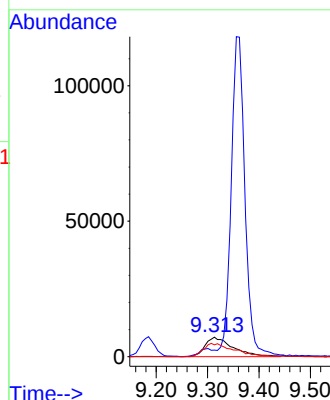
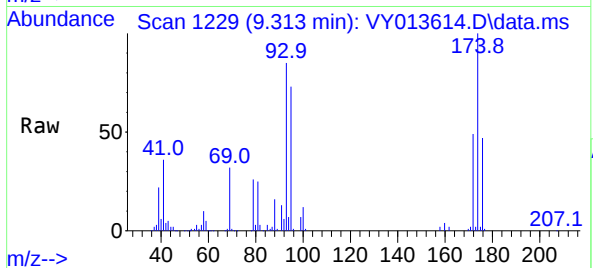




#49
1,4-Dioxane
Concen: 1089.522 ug/l
RT: 9.313 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

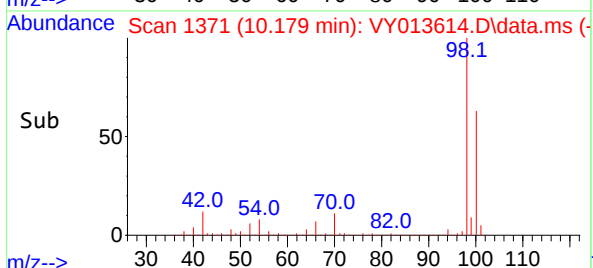
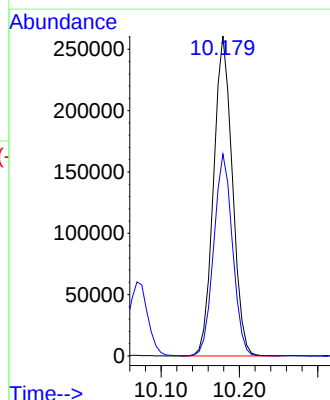
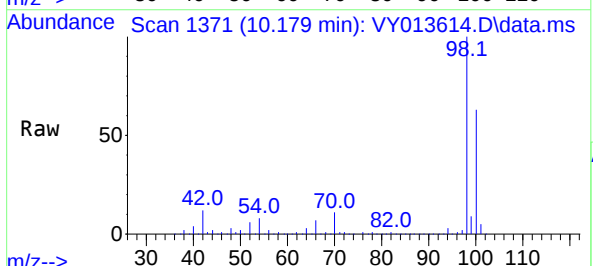
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

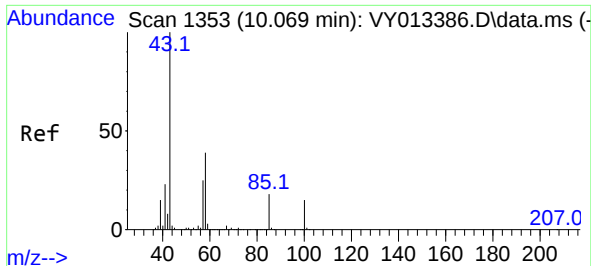
Tgt Ion: 88 Resp: 27136
Ion Ratio Lower Upper
88 100
43 0.0 16.8 25.2#
58 74.9 54.3 81.5



#50
Toluene-d8
Concen: 51.258 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 98 Resp: 434783
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7

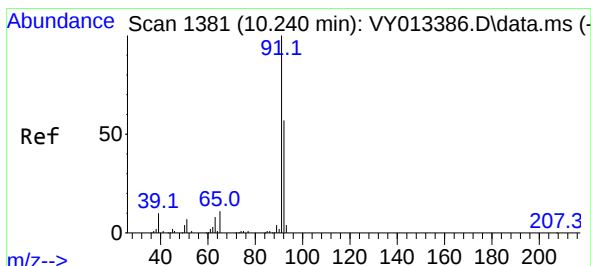
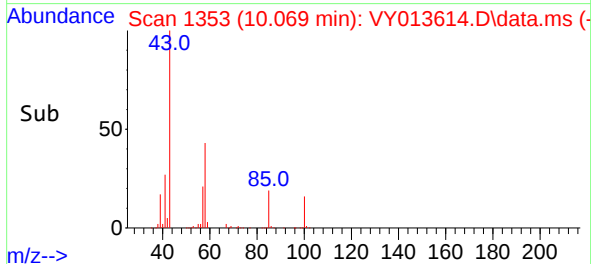
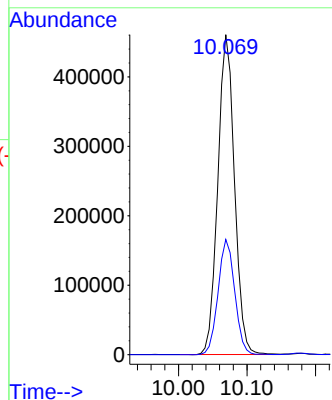
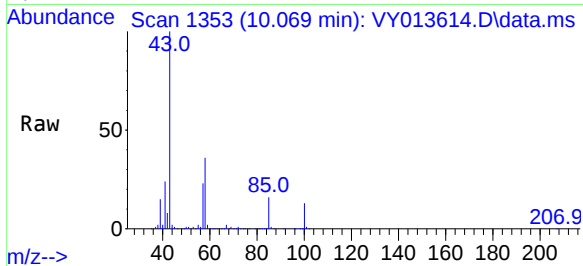




#51
4-Methyl-2-Pentanone
Concen: 277.442 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

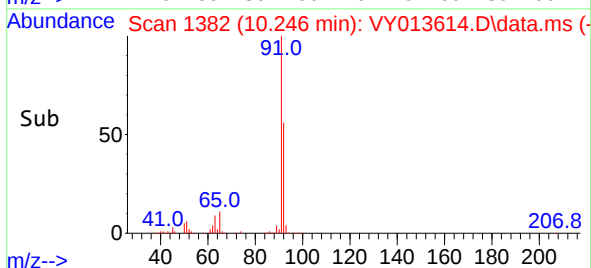
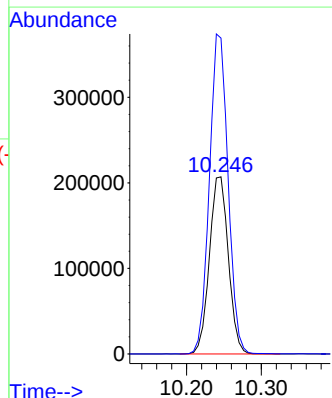
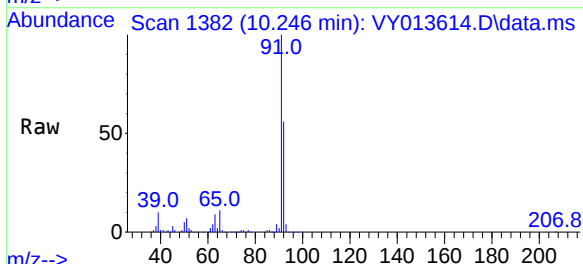
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

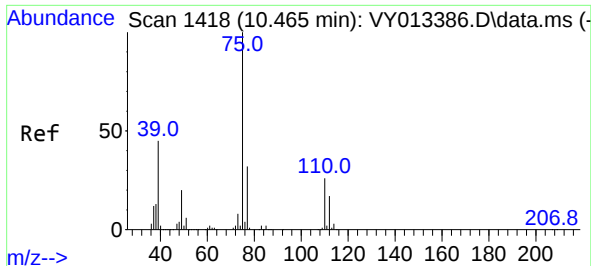
Tgt Ion: 43 Resp: 777106
Ion Ratio Lower Upper
43 100
58 35.9 30.6 46.0



#52
Toluene
Concen: 54.415 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 92 Resp: 365011
Ion Ratio Lower Upper
92 100
91 177.8 140.2 210.4

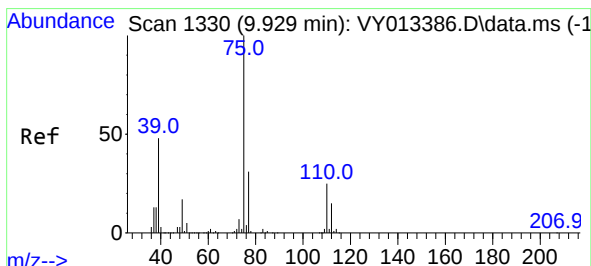
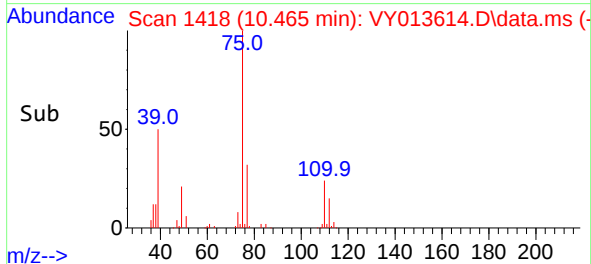
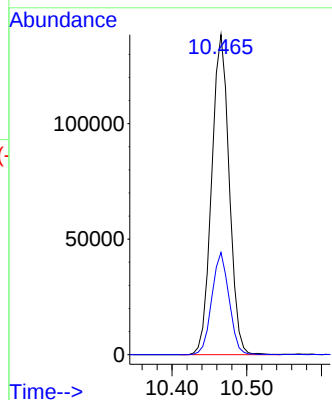
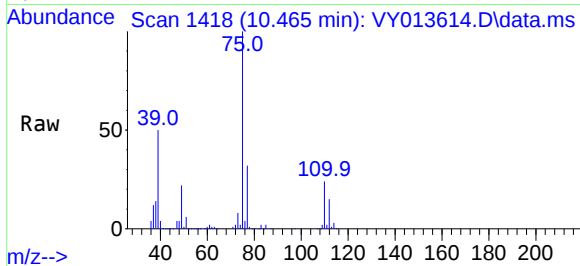




#53
t-1,3-Dichloropropene
Concen: 54.723 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

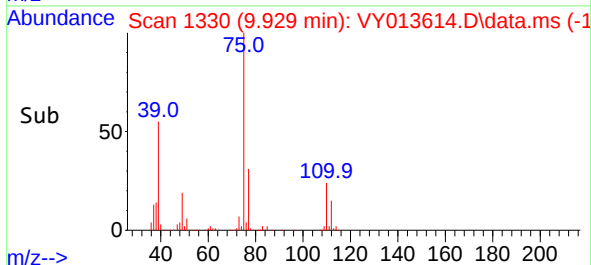
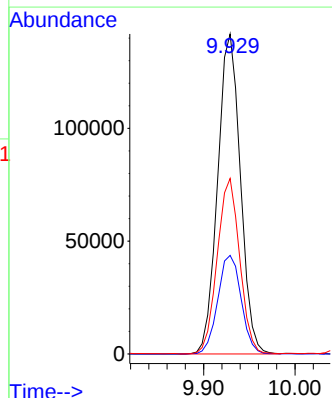
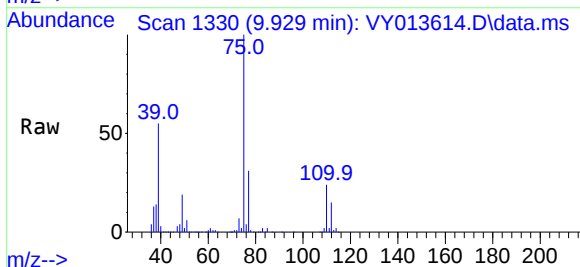
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

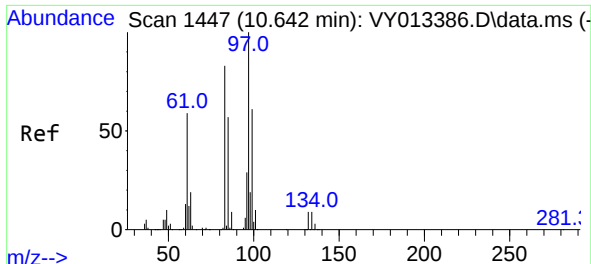
Tgt Ion: 75 Resp: 225997
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 52.752 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 75 Resp: 245138
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2
39 54.9 38.1 57.1



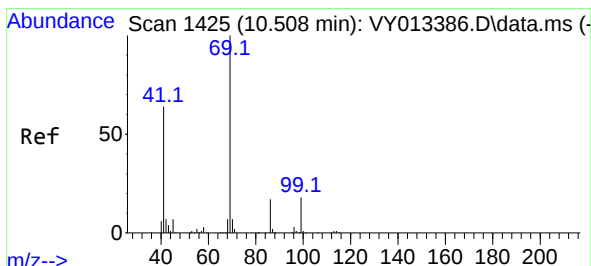
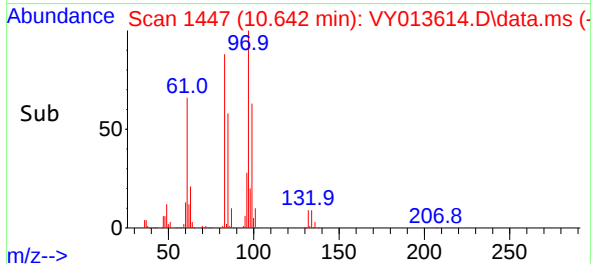
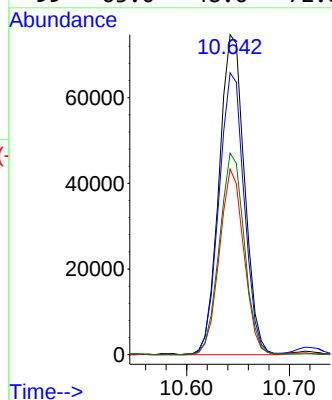
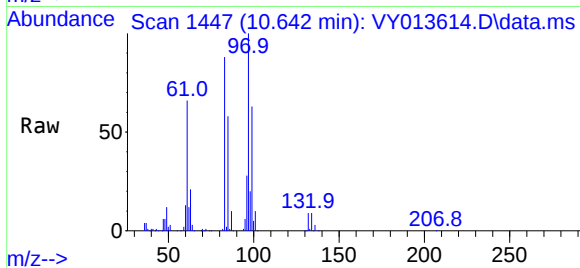


#55
1,1,2-Trichloroethane
Concen: 55.552 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 128292

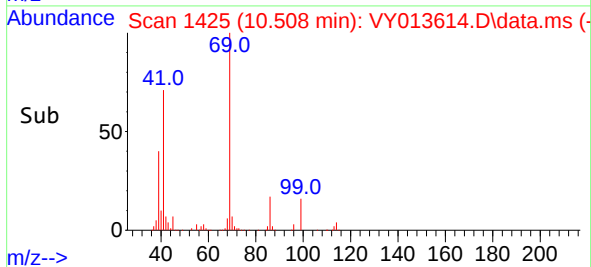
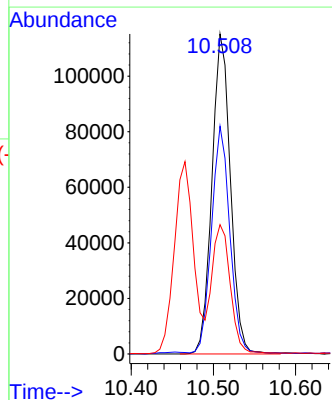
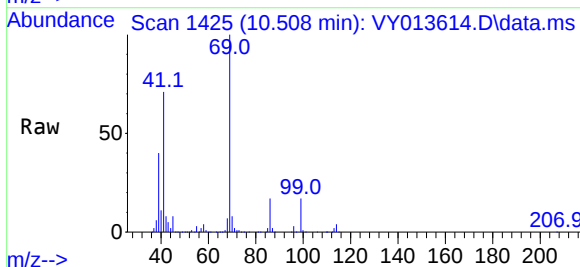
Ion	Ratio	Lower	Upper
97	100		
83	88.1	66.4	99.6
85	58.0	45.6	68.4
99	63.0	48.6	72.8

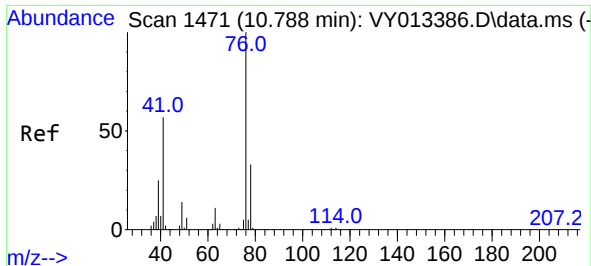


#56
Ethyl methacrylate
Concen: 56.228 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 69 Resp: 180153

Ion	Ratio	Lower	Upper
69	100		
41	70.1	51.4	77.0
39	39.4	29.0	43.6





#57

1,3-Dichloropropane

Concen: 54.530 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

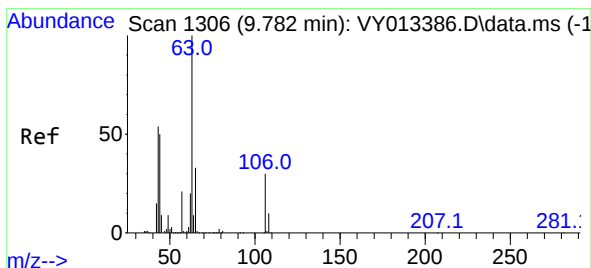
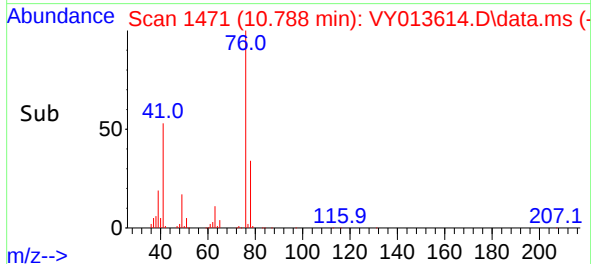
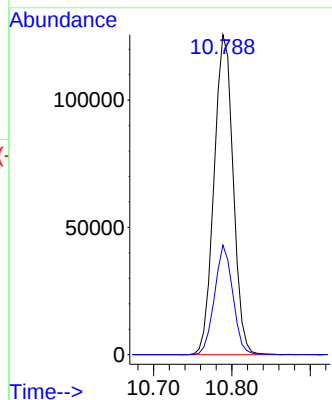
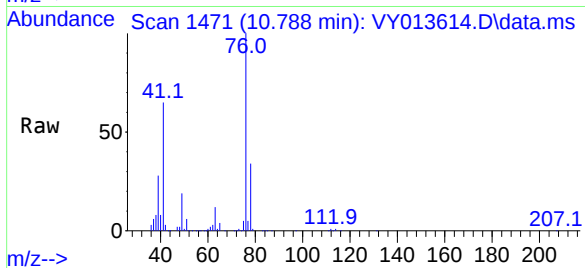
VSTDCCC050

Tgt Ion: 76 Resp: 213280

Ion Ratio Lower Upper

76 100

78 32.8 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 264.203 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013614.D

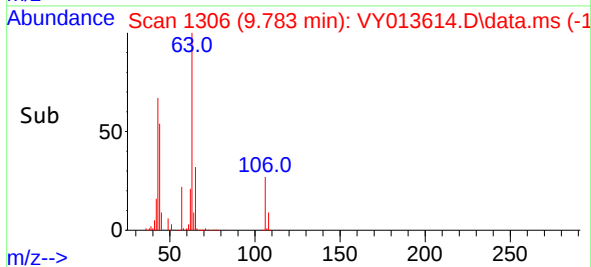
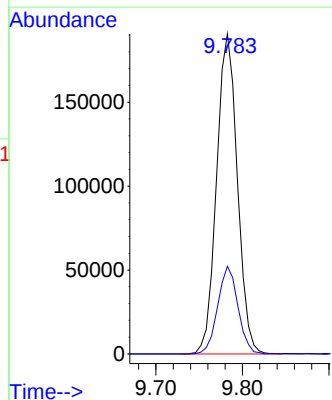
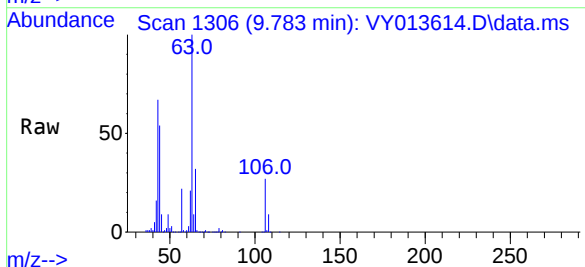
Acq: 05 May 2023 10:14

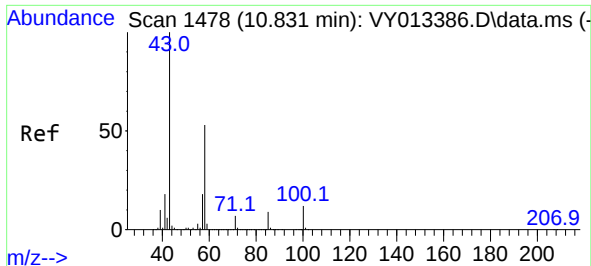
Tgt Ion: 63 Resp: 317423

Ion Ratio Lower Upper

63 100

106 26.7 23.5 35.3

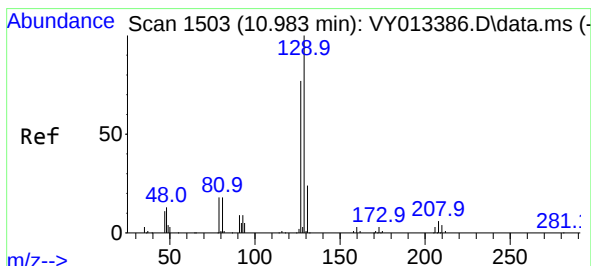
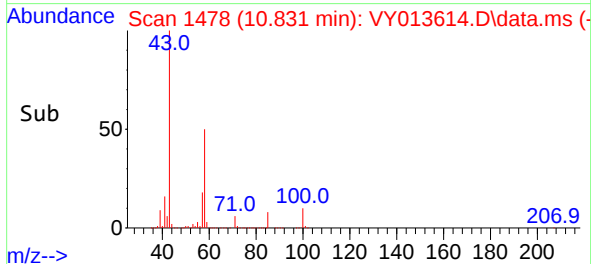
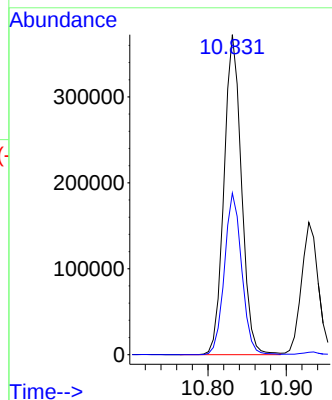
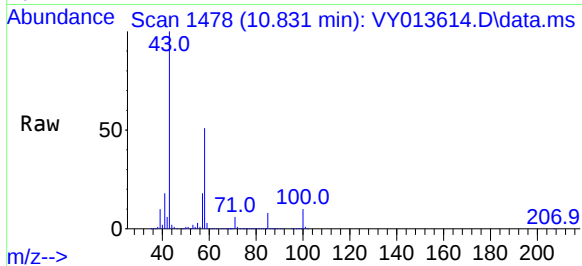




#59
2-Hexanone
Concen: 283.825 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

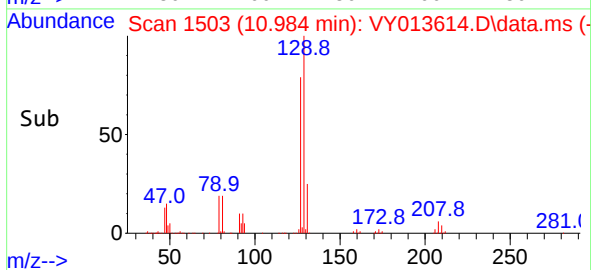
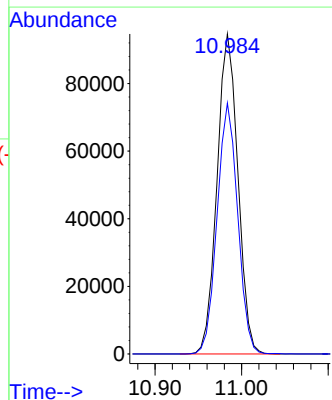
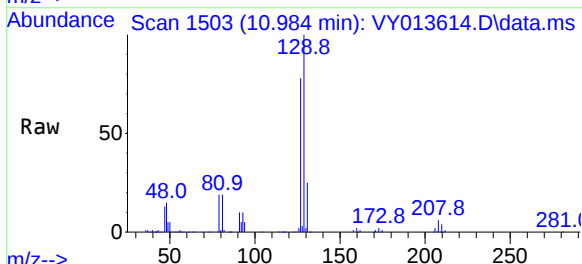
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

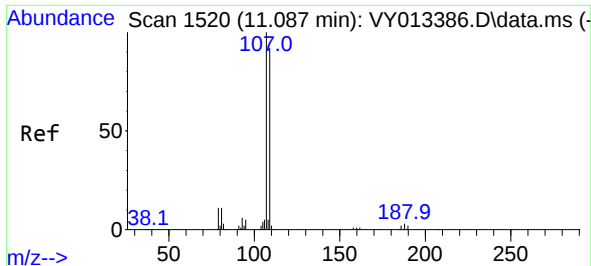
Tgt Ion: 43 Resp: 577890
Ion Ratio Lower Upper
43 100
58 49.9 26.3 78.8



#60
Dibromochloromethane
Concen: 56.535 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 129 Resp: 158534
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

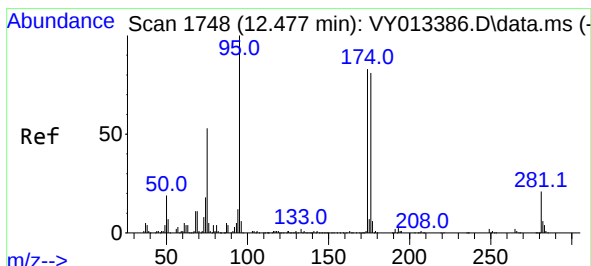
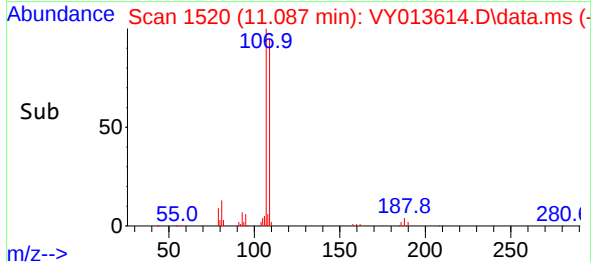
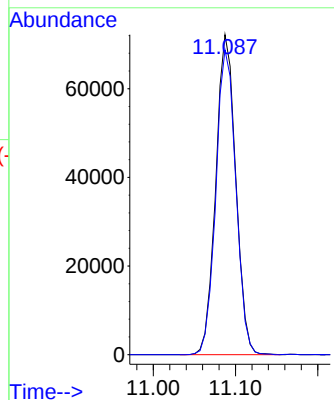
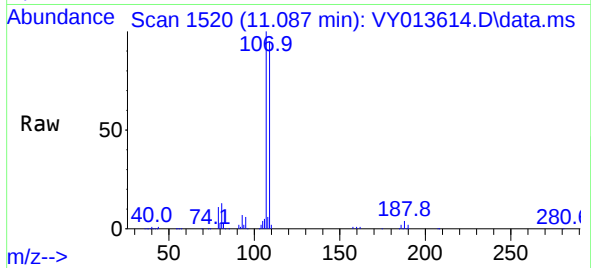




#61
1,2-Dibromoethane
Concen: 53.547 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

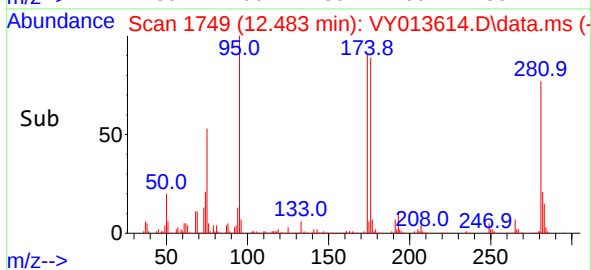
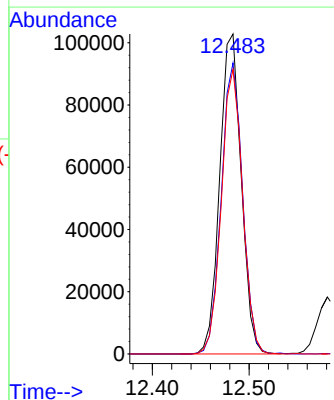
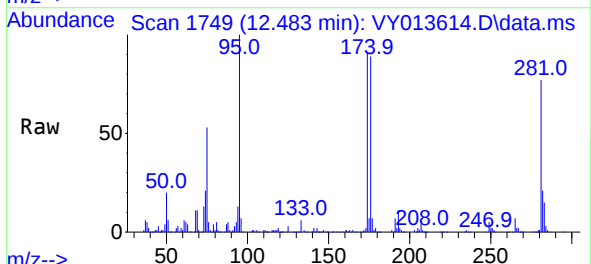
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

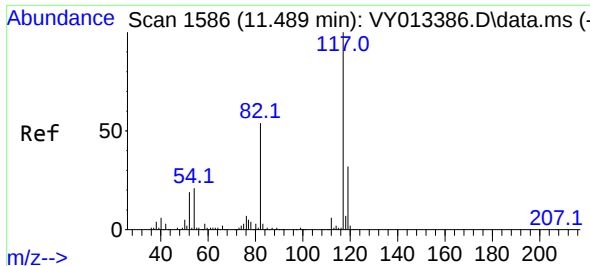
Tgt Ion:107 Resp: 121580
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.486 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 95 Resp: 158667
Ion Ratio Lower Upper
95 100
174 89.9 0.0 182.0
176 87.9 0.0 175.4

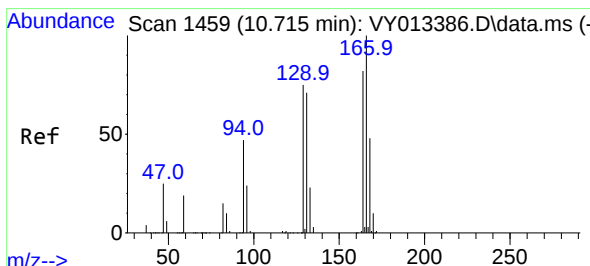
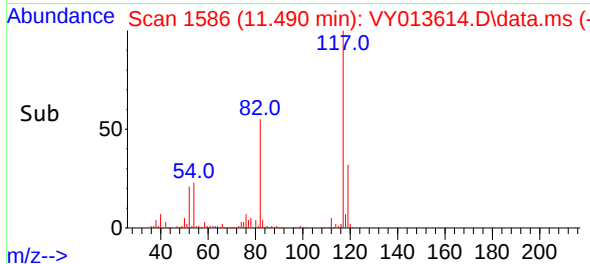
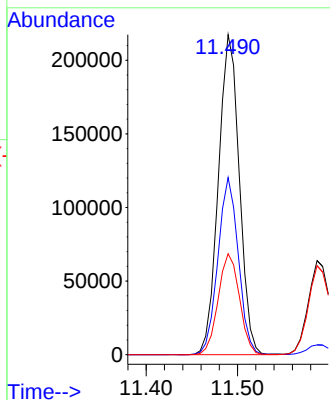
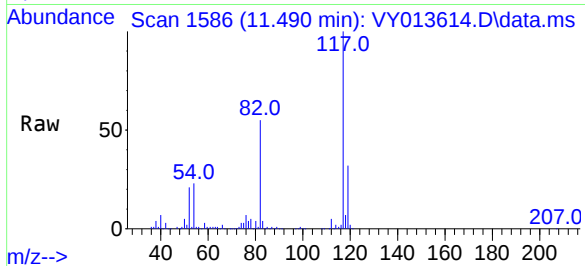




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

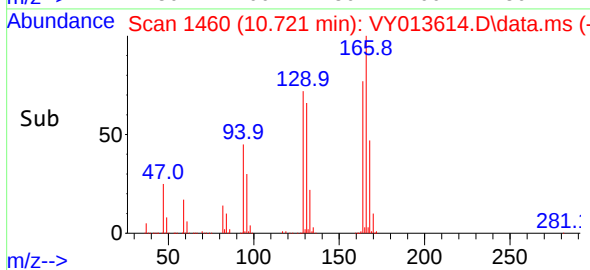
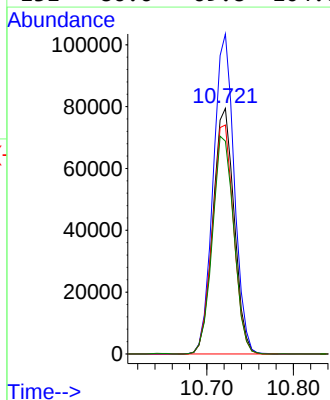
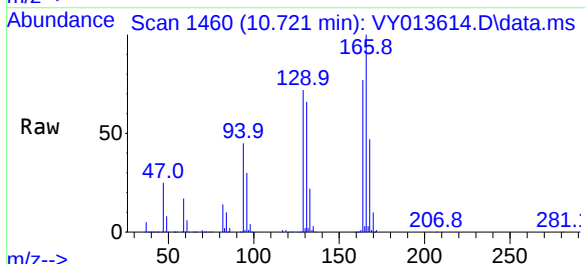
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

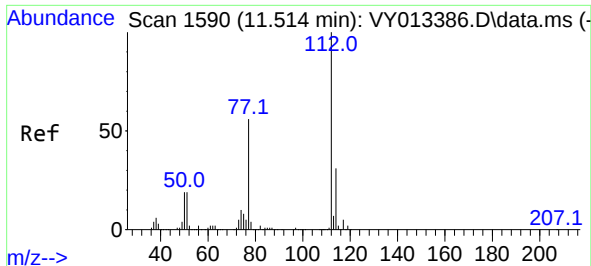
Tgt Ion:117 Resp: 346703
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.6
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 51.398 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion:164 Resp: 135503
Ion Ratio Lower Upper
164 100
166 130.3 97.5 146.3
129 93.2 72.6 109.0
131 86.6 69.8 104.6

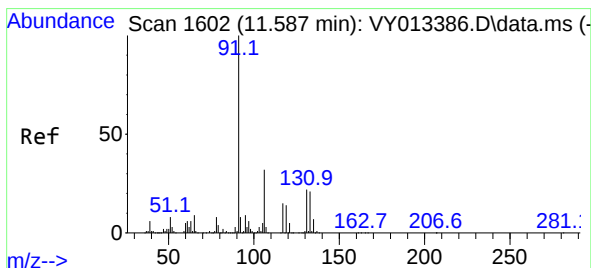
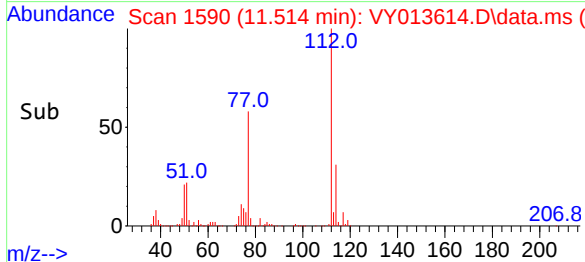
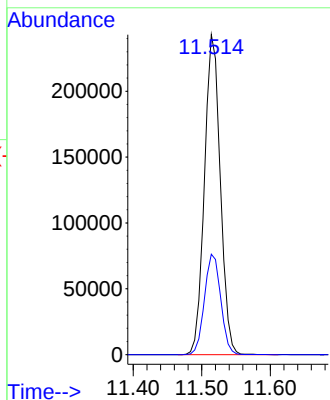
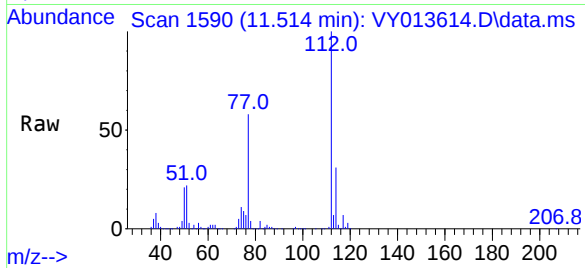




#65
Chlorobenzene
Concen: 51.858 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

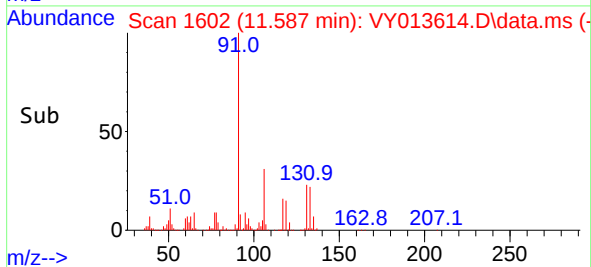
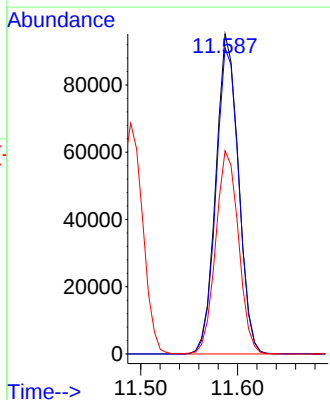
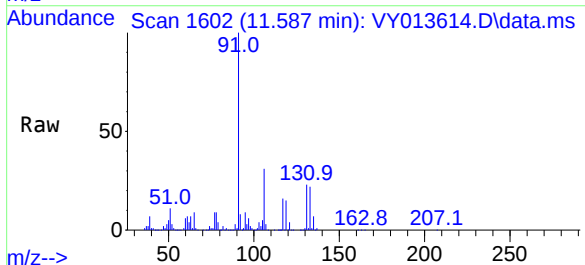
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

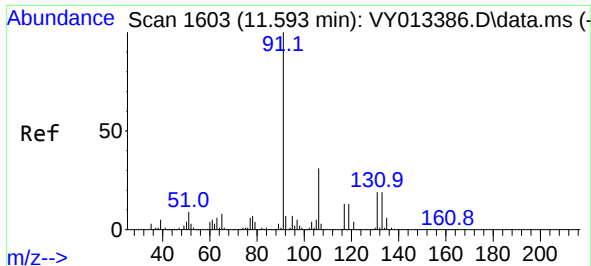
Tgt Ion:112 Resp: 391659
Ion Ratio Lower Upper
112 100
114 31.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.625 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion:131 Resp: 154295
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 64.4 32.6 98.0





#67

Ethyl Benzene

Concen: 53.458 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

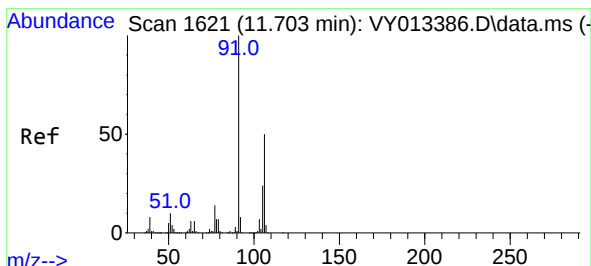
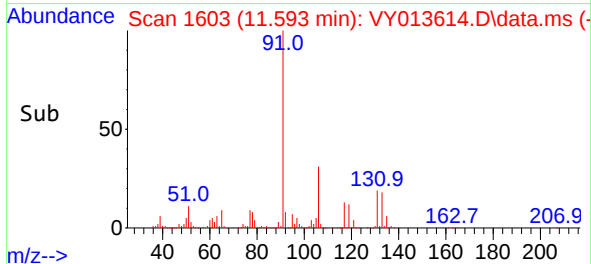
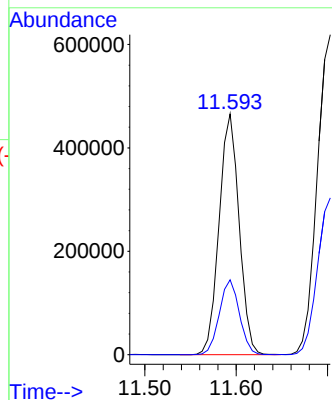
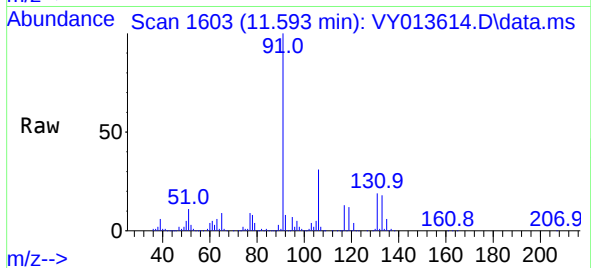
VSTDCCC050

Tgt Ion: 91 Resp: 708964

Ion Ratio Lower Upper

91 100

106 31.1 25.1 37.7



#68

m/p-Xylenes

Concen: 106.640 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013614.D

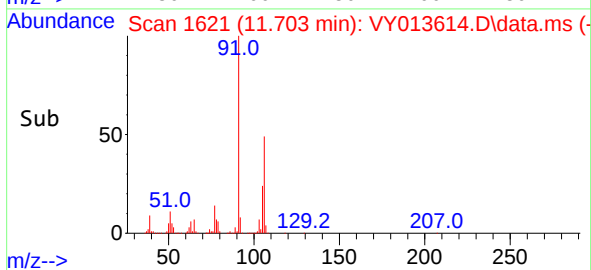
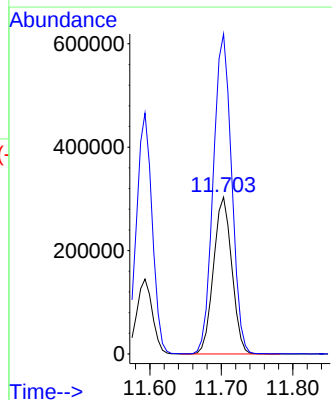
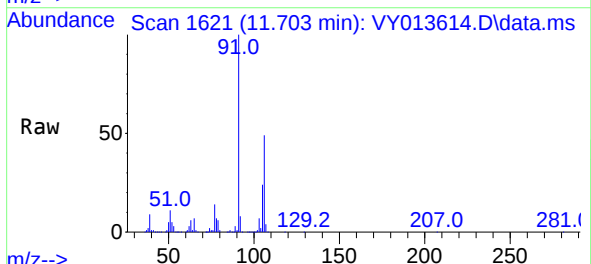
Acq: 05 May 2023 10:14

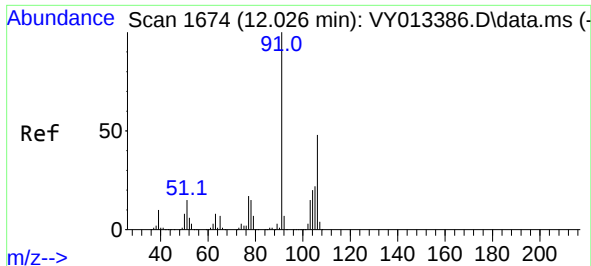
Tgt Ion:106 Resp: 537645

Ion Ratio Lower Upper

106 100

91 205.0 160.9 241.3

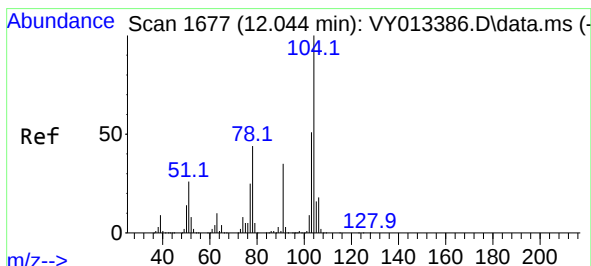
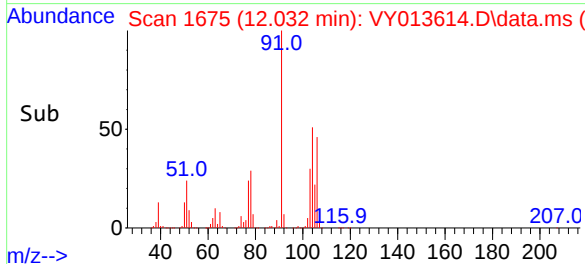
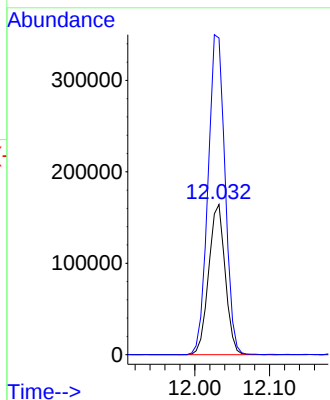
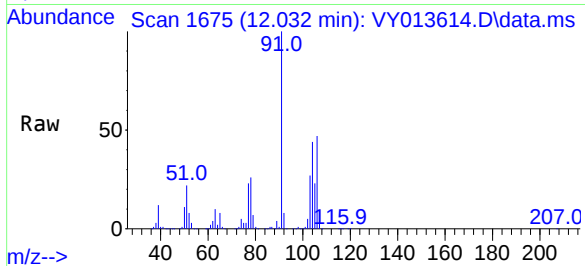




#69
o-Xylene
Concen: 53.041 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

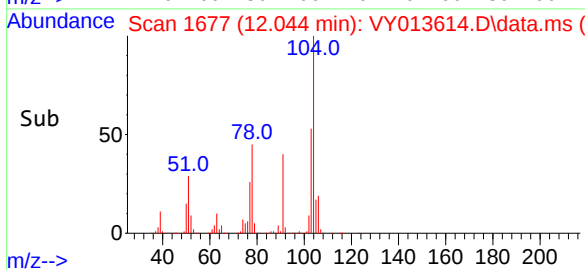
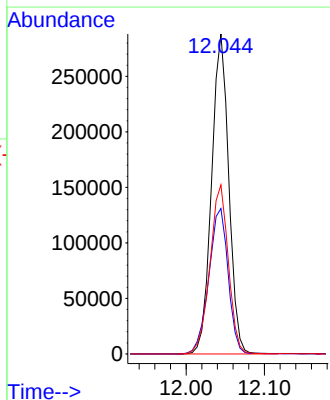
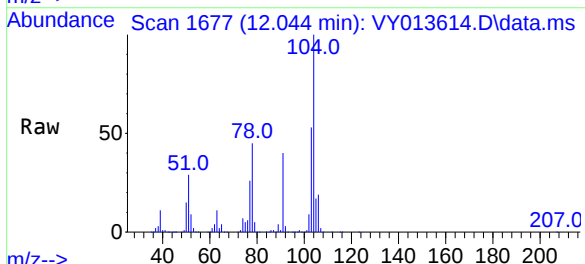
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

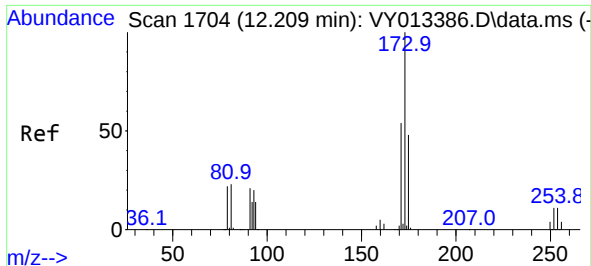
Tgt Ion:106 Resp: 252909
Ion Ratio Lower Upper
106 100
91 219.1 105.5 316.4



#70
Styrene
Concen: 55.125 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion:104 Resp: 439486
Ion Ratio Lower Upper
104 100
78 51.0 40.3 60.5
103 56.7 45.0 67.4

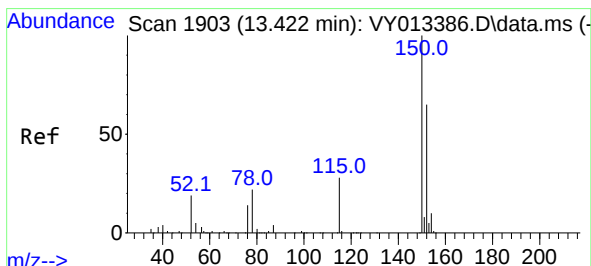
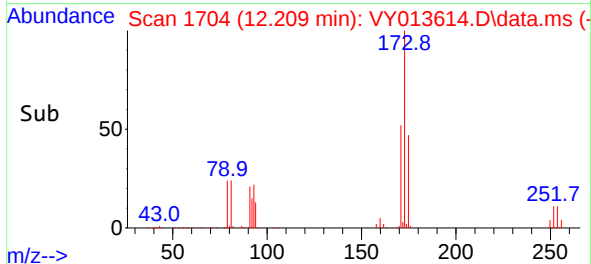
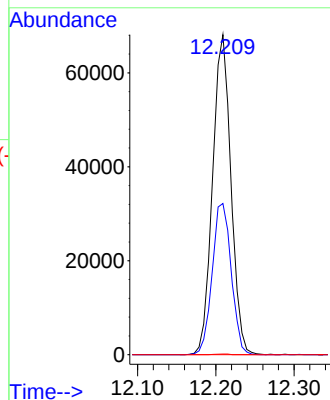
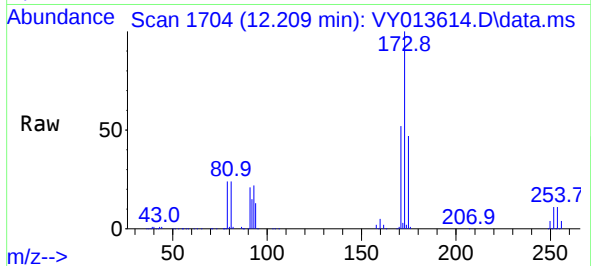




#71
Bromoform
Concen: 56.077 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

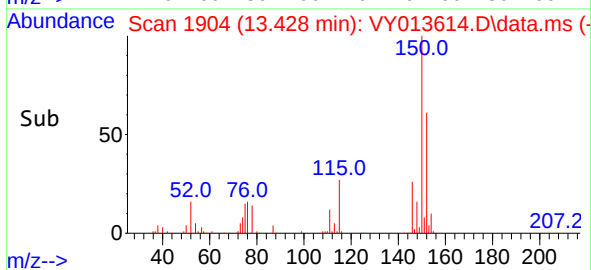
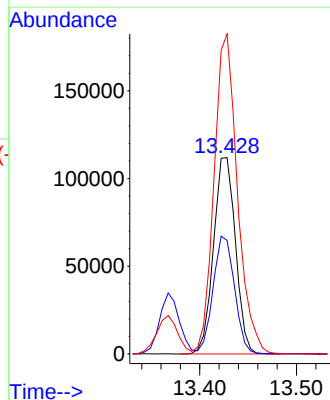
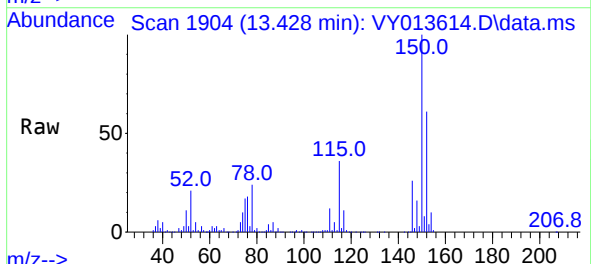
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

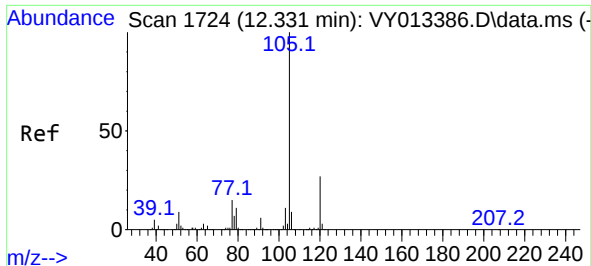
Tgt Ion:173 Resp: 110948
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion:152 Resp: 176449
Ion Ratio Lower Upper
152 100
115 58.4 28.1 84.2
150 173.8 0.0 352.0

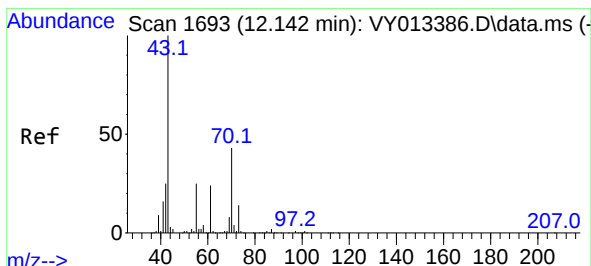
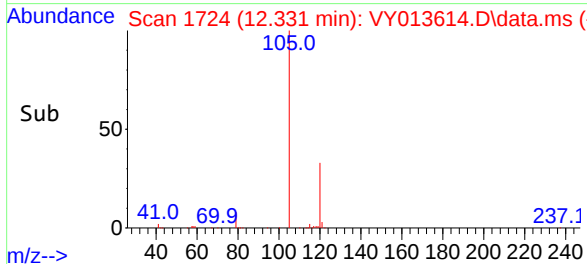
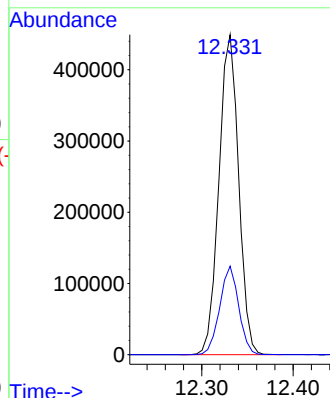
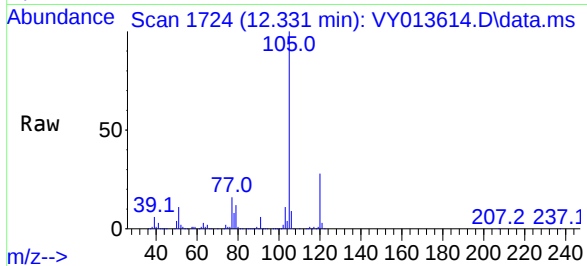




#73
Isopropylbenzene
Concen: 50.466 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

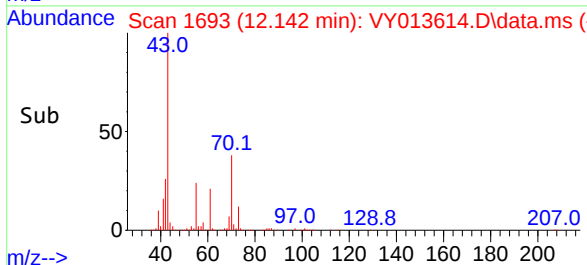
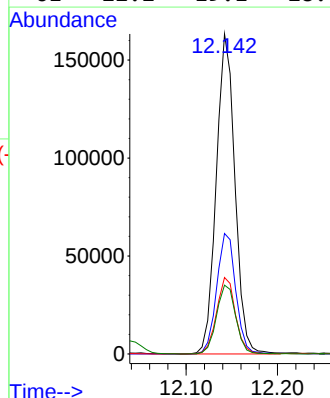
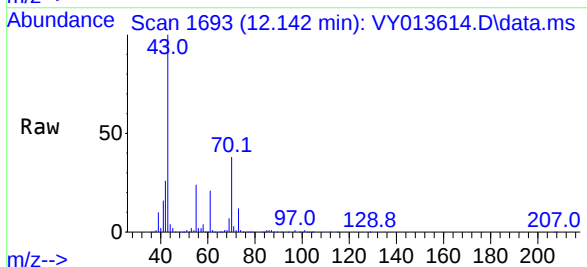
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

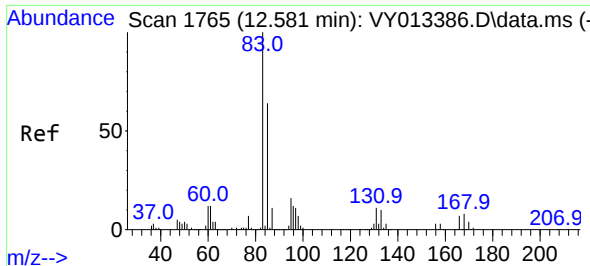
Tgt Ion:105 Resp: 673518
Ion Ratio Lower Upper
105 100
120 26.6 13.7 41.0



#74
N-ethyl acetate
Concen: 48.859 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 43 Resp: 232048
Ion Ratio Lower Upper
43 100
70 38.7 33.0 49.4
55 24.2 19.8 29.6
61 22.2 19.1 28.7

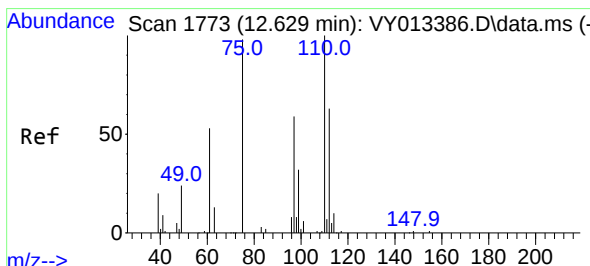
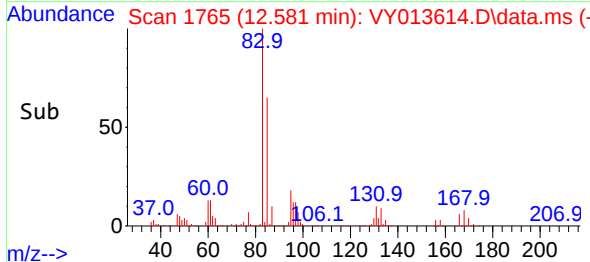
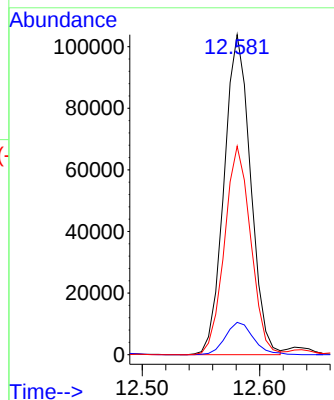
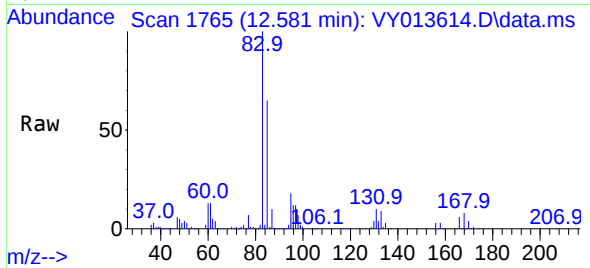




#75
1,1,2,2-Tetrachloroethane
Concen: 49.868 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

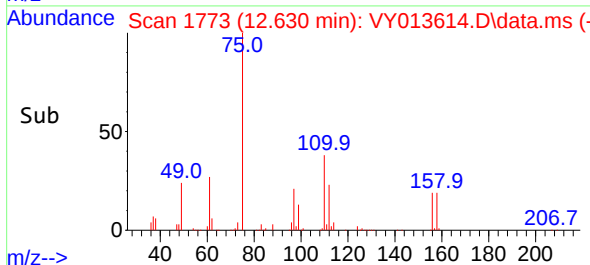
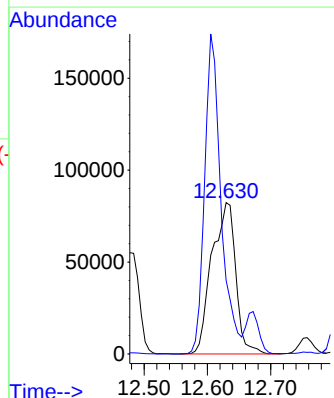
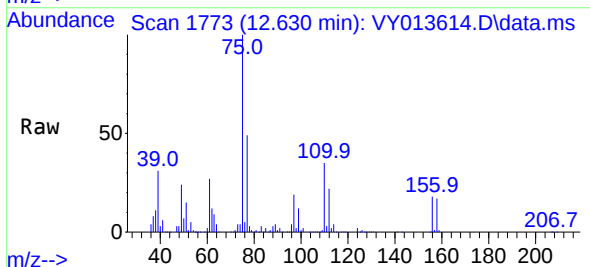
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

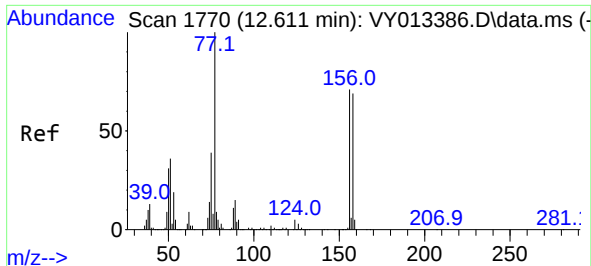
Tgt Ion: 83 Resp: 162675
Ion Ratio Lower Upper
83 100
131 10.7 5.7 17.0
85 64.6 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 90.681 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 75 Resp: 215786
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

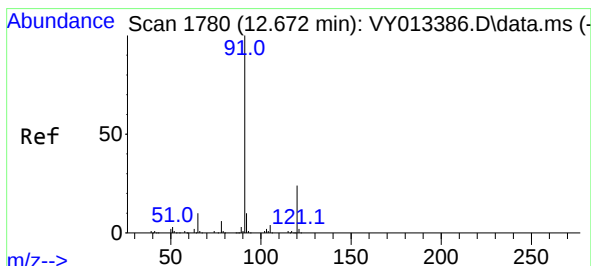
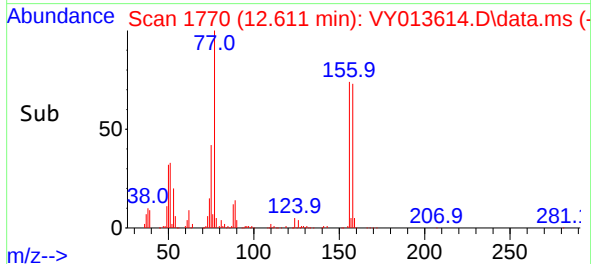
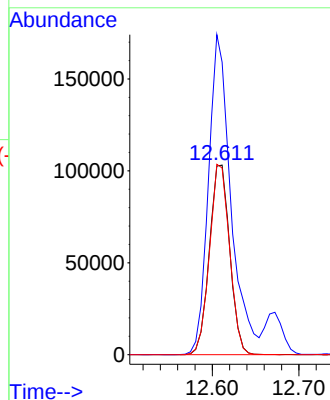
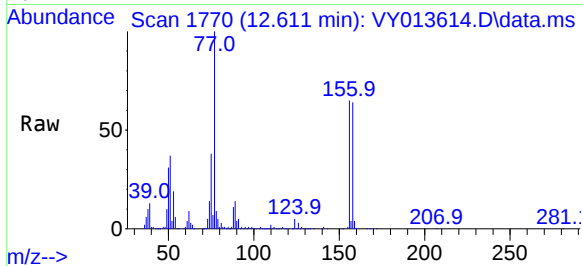




#77
Bromobenzene
Concen: 52.185 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

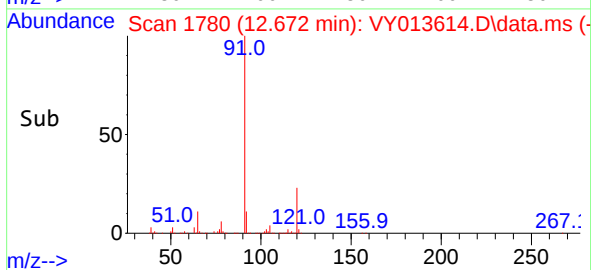
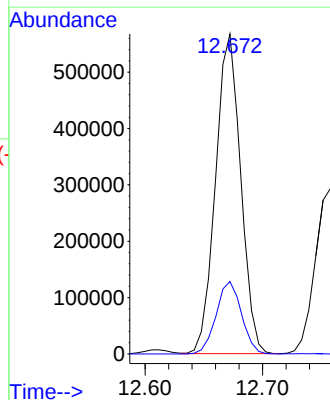
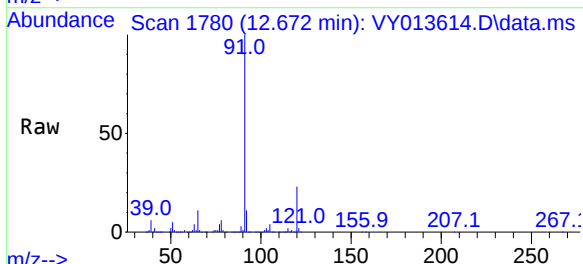
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

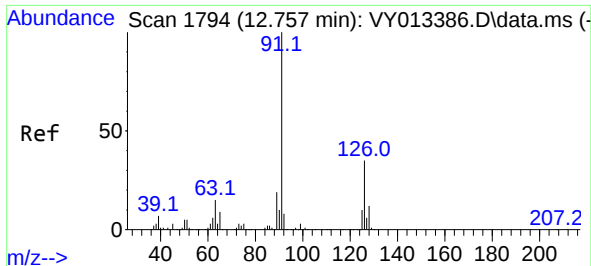
Tgt Ion:156 Resp: 168754
Ion Ratio Lower Upper
156 100
77 185.8 87.6 262.9
158 99.0 48.5 145.5



#78
n-propylbenzene
Concen: 51.276 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 91 Resp: 842904
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9

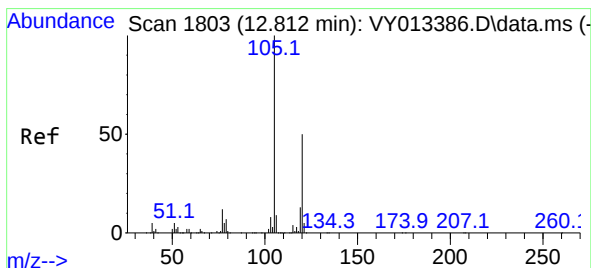
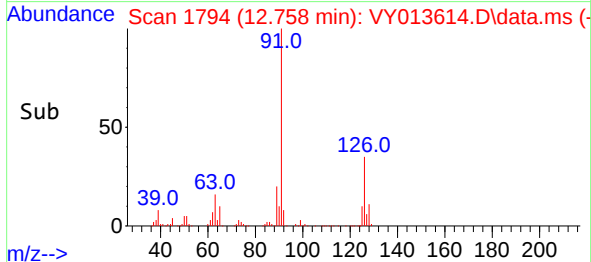
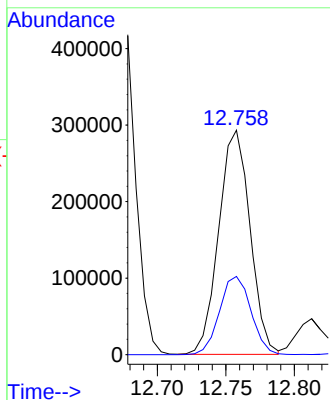
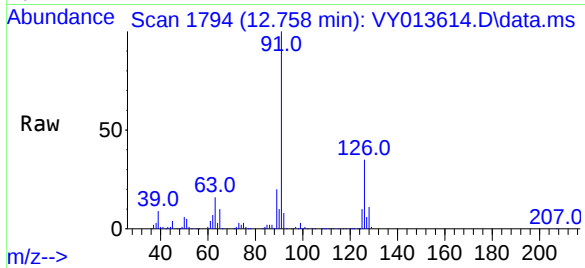




#79
2-Chlorotoluene
Concen: 50.784 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

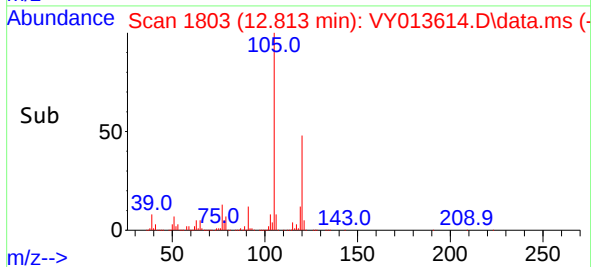
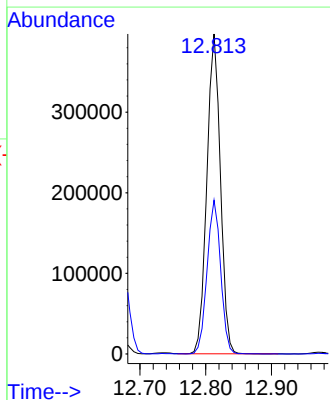
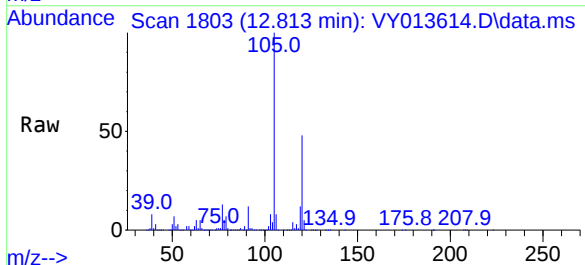
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

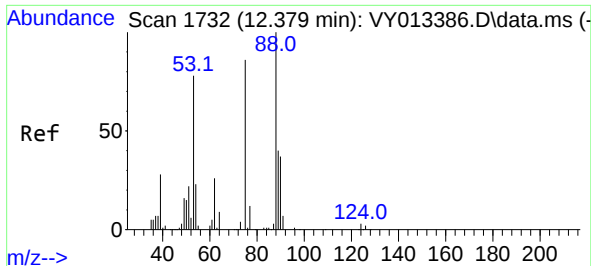
Tgt Ion: 91 Resp: 466191
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 52.229 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion:105 Resp: 568927
Ion Ratio Lower Upper
105 100
120 48.1 24.7 74.1

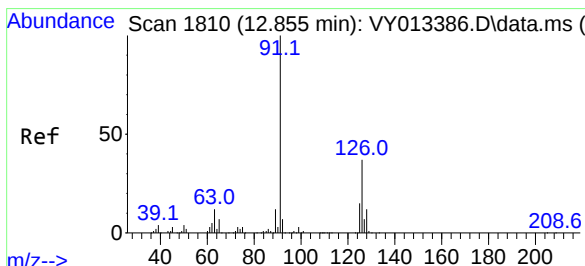
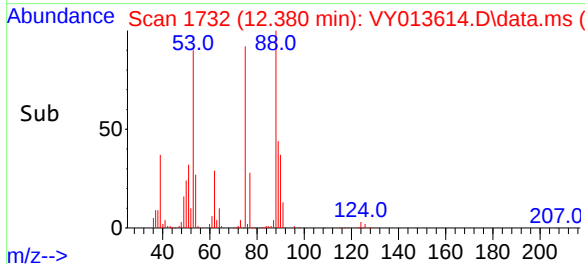
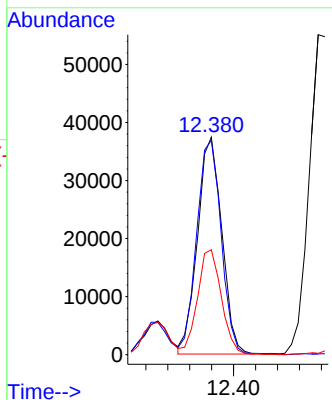
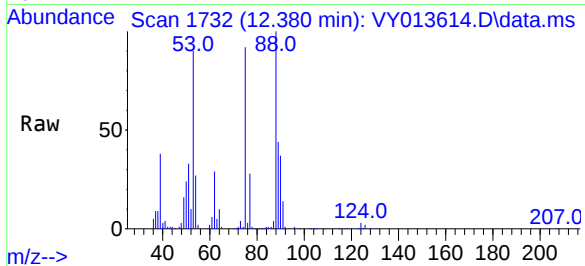




#81
trans-1,4-Dichloro-2-butene
Concen: 49.546 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

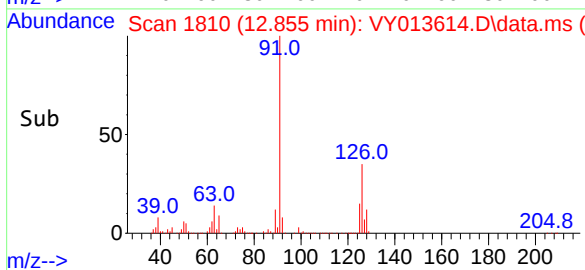
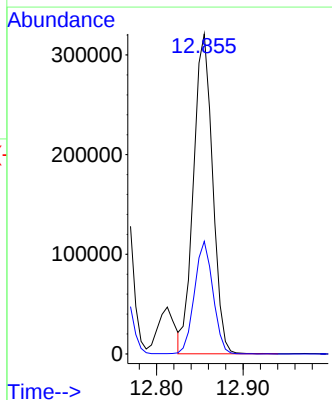
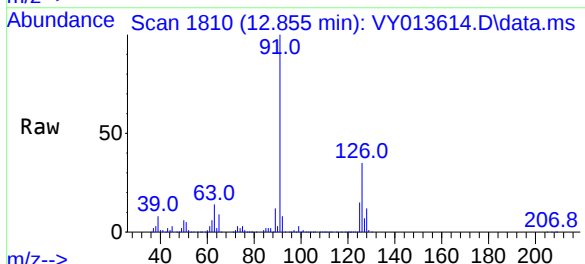
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

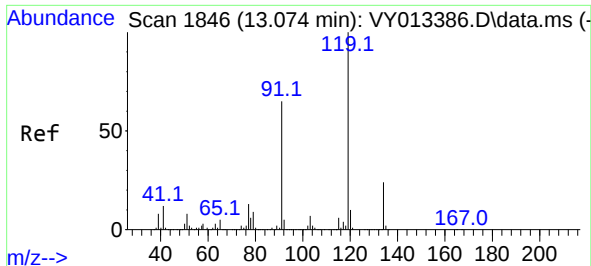
Tgt Ion: 75 Resp: 57638
Ion Ratio Lower Upper
75 100
53 99.7 73.2 109.8
89 47.9 38.0 57.0



#82
4-Chlorotoluene
Concen: 51.187 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 91 Resp: 489759
Ion Ratio Lower Upper
91 100
126 34.3 17.9 53.8

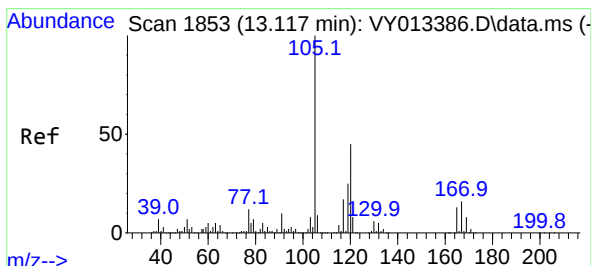
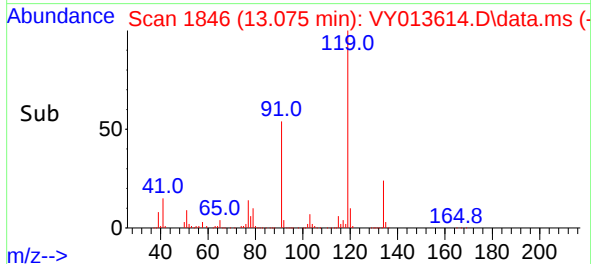
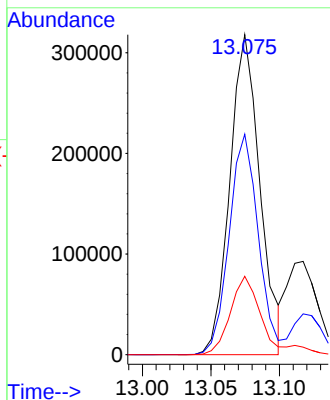
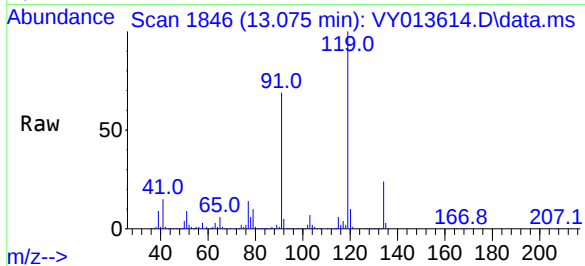




#83
tert-Butylbenzene
Concen: 51.614 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

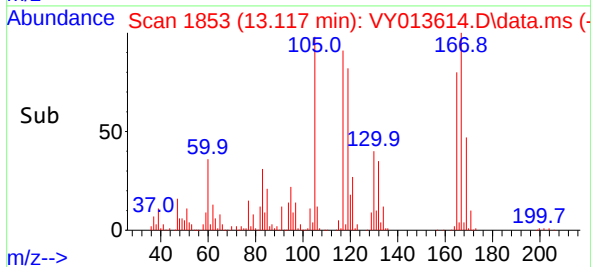
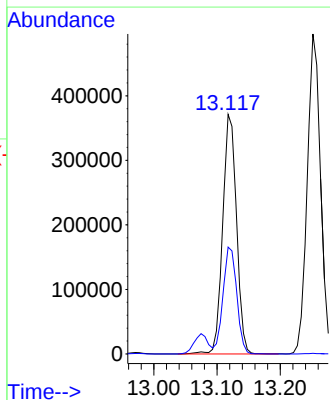
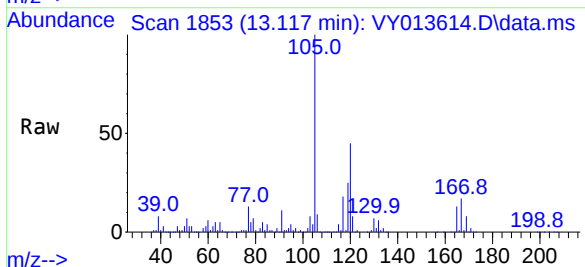
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

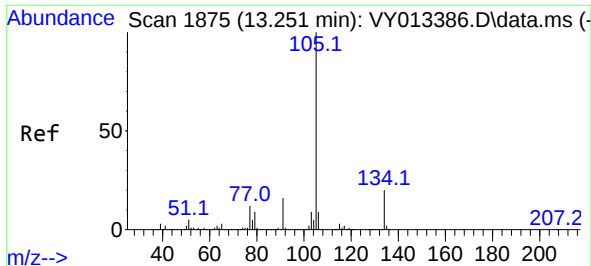
Tgt Ion:119 Resp: 487091
Ion Ratio Lower Upper
119 100
91 66.6 32.2 96.6
134 26.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 52.970 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion:105 Resp: 560976
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.9

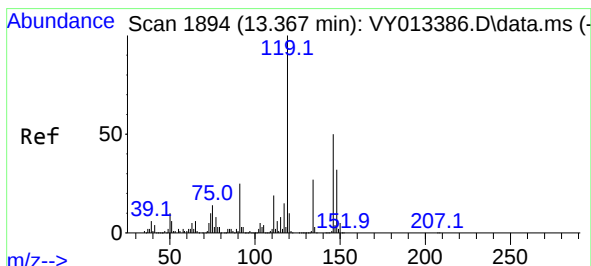
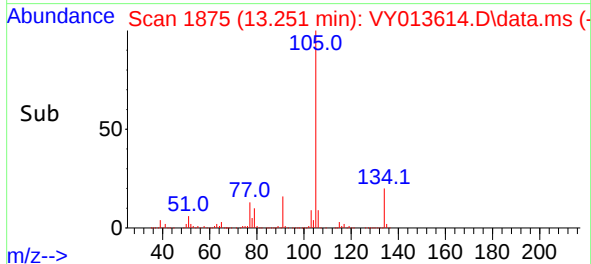
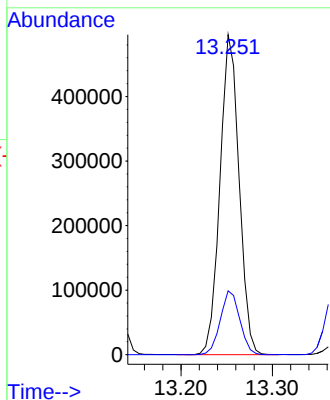
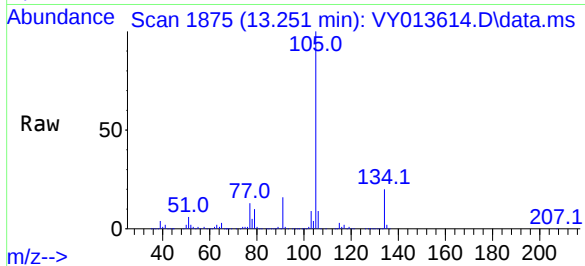




#85
 sec-Butylbenzene
 Concen: 50.819 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013614.D
 Acq: 05 May 2023 10:14

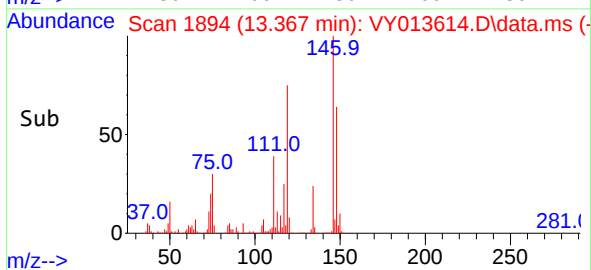
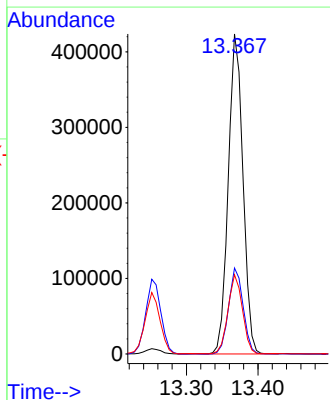
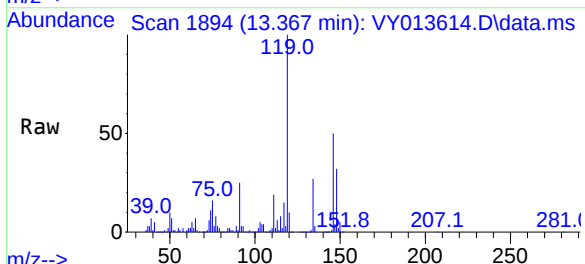
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

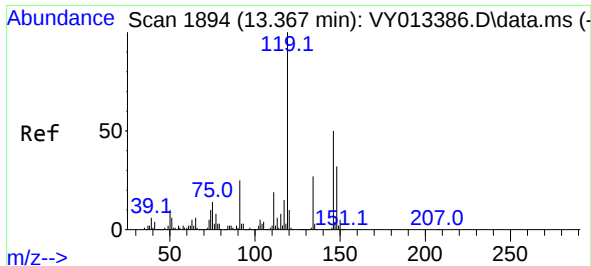
Tgt Ion:105 Resp: 719779
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 53.014 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013614.D
 Acq: 05 May 2023 10:14

Tgt Ion:119 Resp: 603831
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 51.996 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

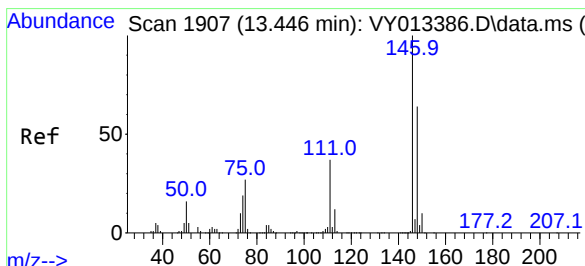
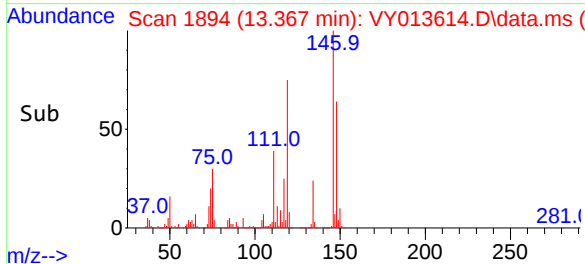
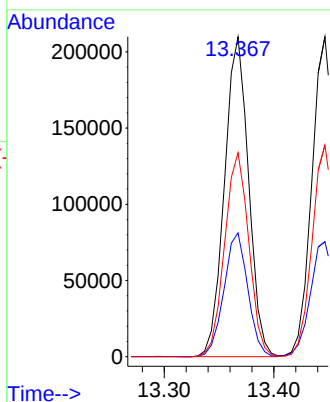
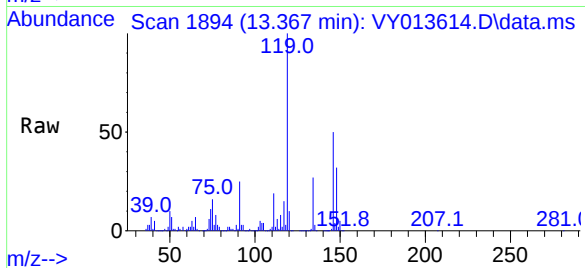
Tgt Ion:146 Resp: 320343

Ion Ratio Lower Upper

146 100

111 38.4 19.3 57.9

148 64.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 50.708 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

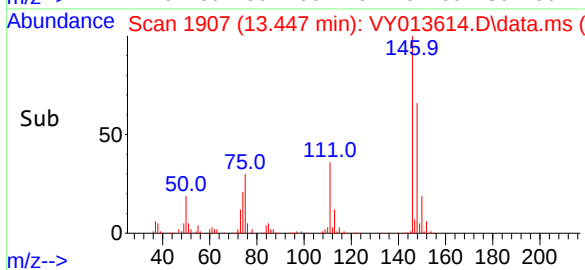
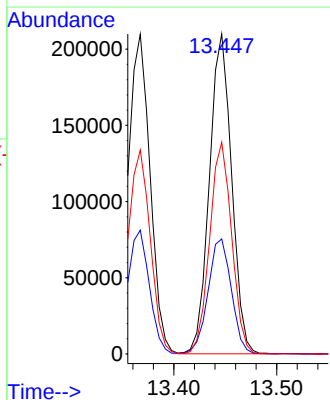
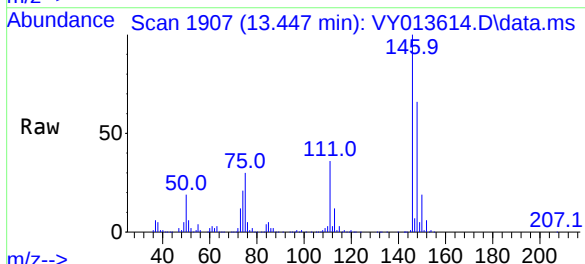
Tgt Ion:146 Resp: 315577

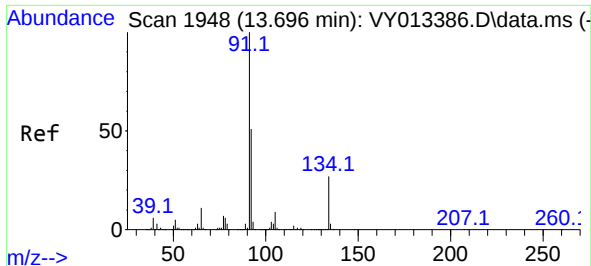
Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.5

148 65.8 31.9 95.5

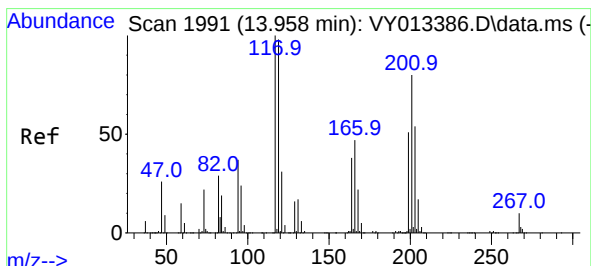
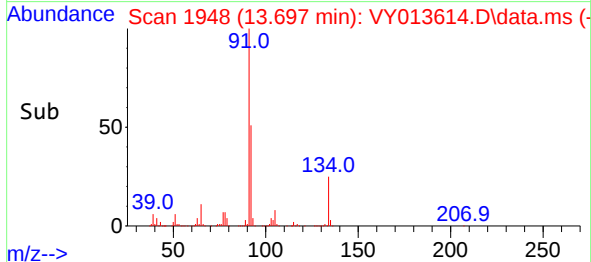
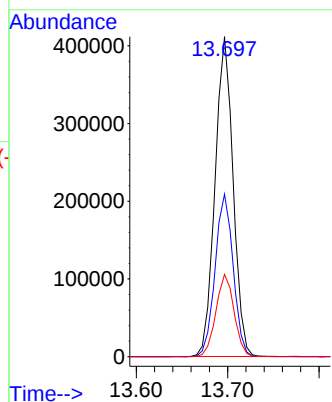
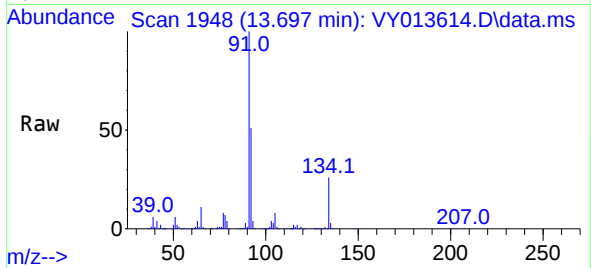




#89
n-Butylbenzene
Concen: 50.867 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

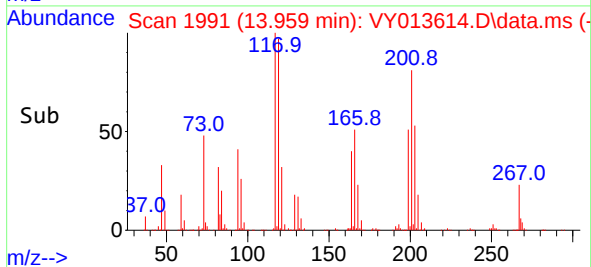
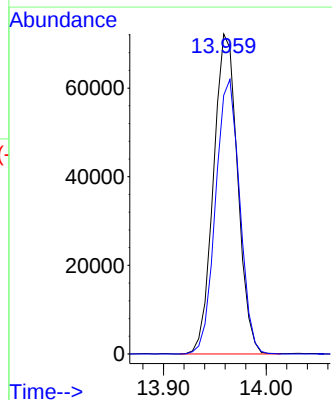
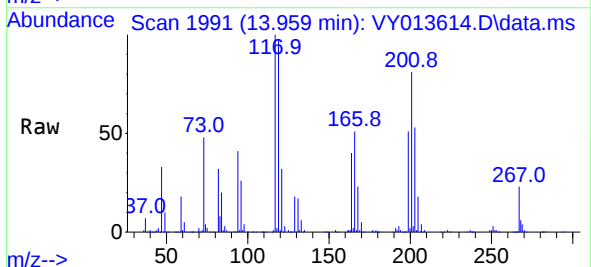
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

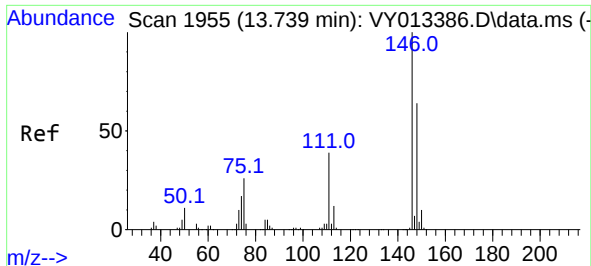
Tgt Ion: 91 Resp: 565477
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.3
134 25.9 13.5 40.4



#90
Hexachloroethane
Concen: 49.297 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion: 117 Resp: 118175
Ion Ratio Lower Upper
117 100
201 85.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.366 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

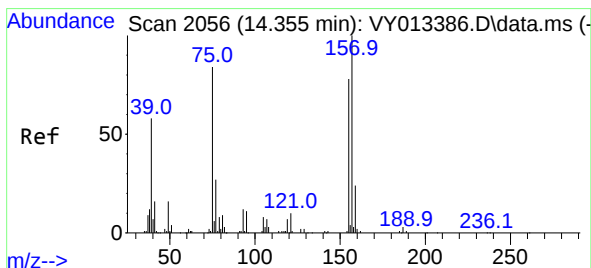
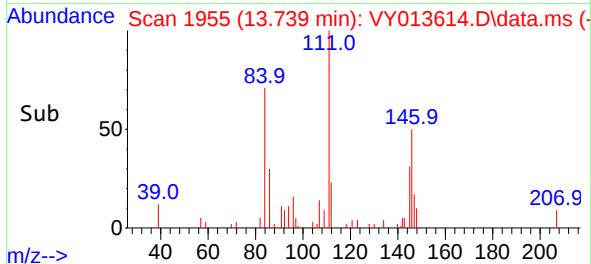
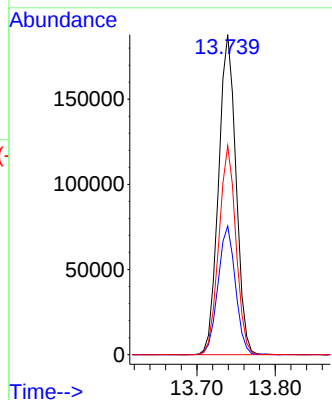
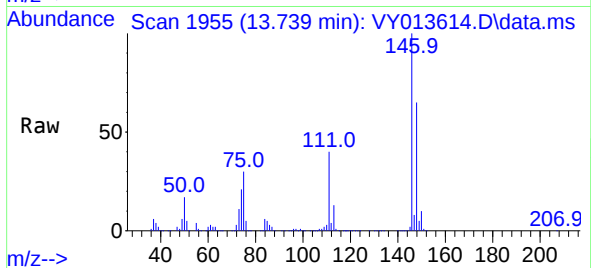
Tgt Ion:146 Resp: 291334

Ion Ratio Lower Upper

146 100

111 40.1 19.8 59.4

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.944 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013614.D

Acq: 05 May 2023 10:14

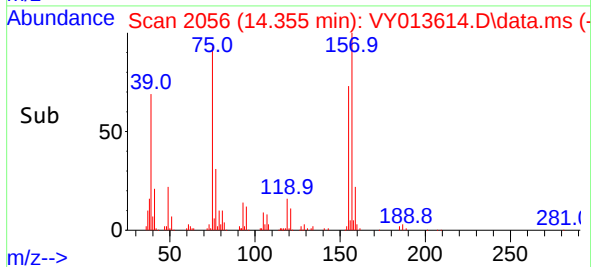
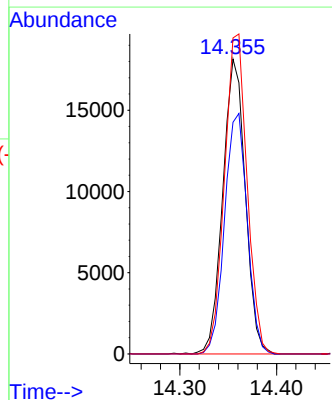
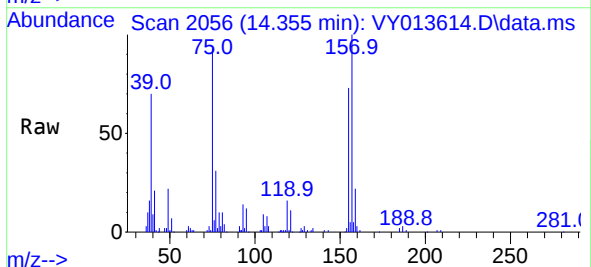
Tgt Ion: 75 Resp: 29350

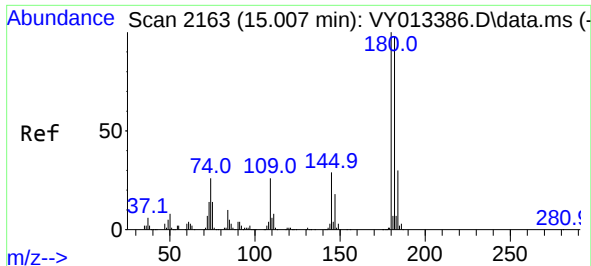
Ion Ratio Lower Upper

75 100

155 81.9 44.6 134.0

157 109.0 57.6 172.7

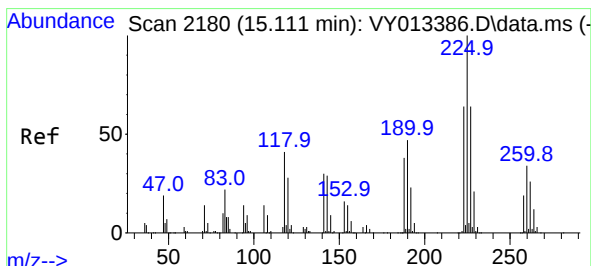
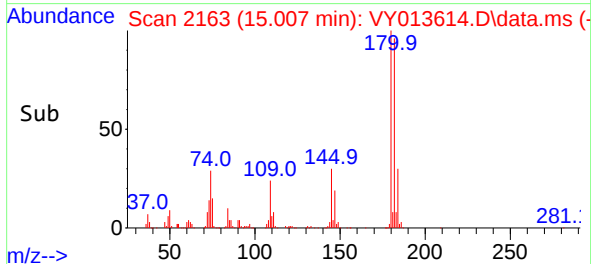
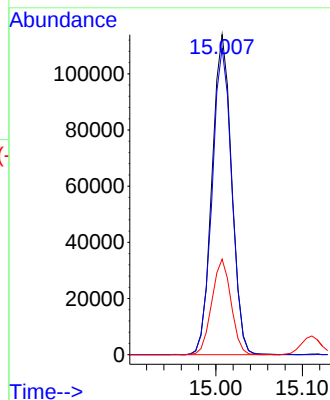
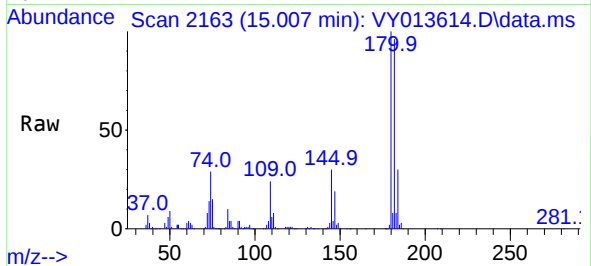




#93
1,2,4-Trichlorobenzene
Concen: 53.943 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

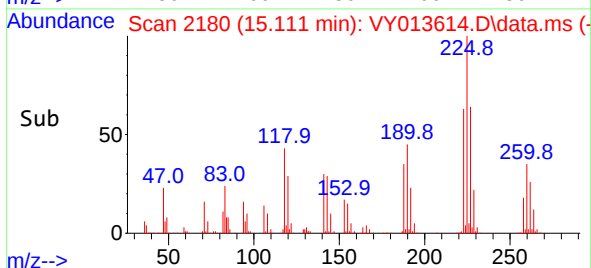
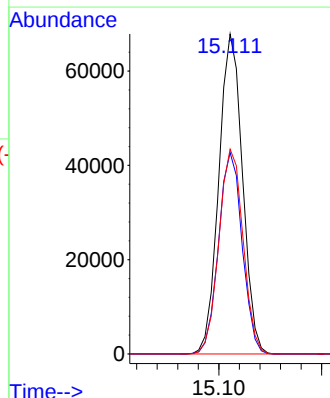
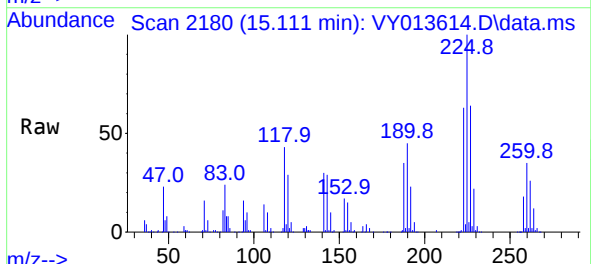
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

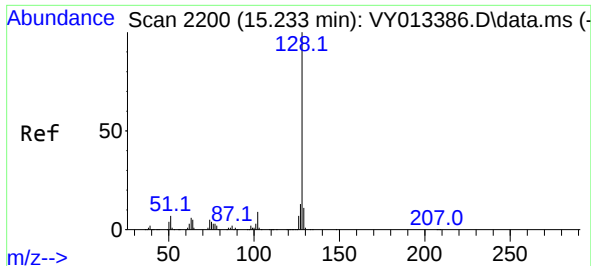
Tgt Ion:180 Resp: 178928
Ion Ratio Lower Upper
180 100
182 95.7 48.5 145.5
145 29.2 15.0 45.0



#94
Hexachlorobutadiene
Concen: 56.189 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion:225 Resp: 108469
Ion Ratio Lower Upper
225 100
223 62.7 31.4 94.2
227 65.2 32.0 96.0

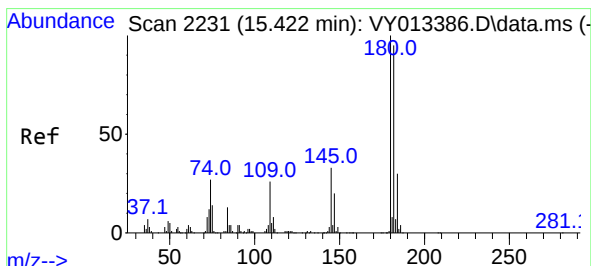
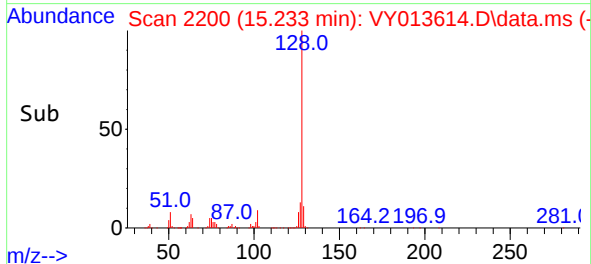
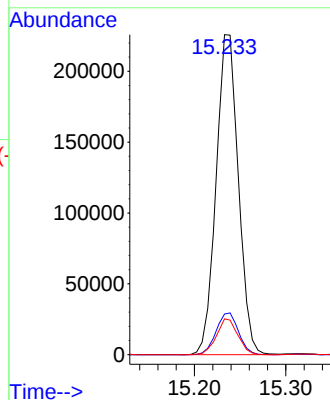
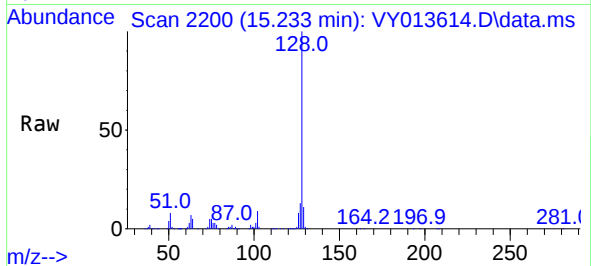




#95
Naphthalene
Concen: 53.160 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 382584
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 55.131 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013614.D
Acq: 05 May 2023 10:14

Tgt Ion:180 Resp: 162988
Ion Ratio Lower Upper
180 100
182 94.8 47.1 141.3
145 31.2 15.9 47.7

