

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014816.D
 Acq On : 25 Jul 2023 21:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 26 02:12:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	207614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	347788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	310305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124785	52.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.480%	
35) Dibromofluoromethane	7.722	113	116088	52.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.880%	
50) Toluene-d8	10.179	98	412572	50.546	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.483	95	151666	48.460	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	75200	44.459	ug/l	99
3) Chloromethane	2.113	50	107411	56.492	ug/l	98
4) Vinyl Chloride	2.253	62	127846	60.164	ug/l	96
5) Bromomethane	2.644	94	97584	69.490	ug/l	99
6) Chloroethane	2.790	64	87542	65.952	ug/l	98
7) Trichlorofluoromethane	3.125	101	188915	52.934	ug/l	100
8) Diethyl Ether	3.534	74	73258	55.169	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	113498	51.885	ug/l	94
10) Methyl Iodide	4.088	142	119484	51.454	ug/l	97
11) Tert butyl alcohol	4.960	59	130222	269.174	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	105088	51.401	ug/l	93
13) Acrolein	3.735	56	48195	194.903	ug/l	99
14) Allyl chloride	4.485	41	175163	48.253	ug/l	96
15) Acrylonitrile	5.161	53	225784	308.347	ug/l	99
16) Acetone	3.954	43	195379	260.607	ug/l	92
17) Carbon Disulfide	4.198	76	267948	45.778	ug/l	99
18) Methyl Acetate	4.479	43	189998	66.040	ug/l	92
19) Methyl tert-butyl Ether	5.228	73	377464	56.837	ug/l	100
20) Methylene Chloride	4.716	84	136300	56.514	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	121774	52.486	ug/l	98
22) Diisopropyl ether	6.125	45	393280	53.288	ug/l #	91
23) Vinyl Acetate	6.064	43	1162992	263.325	ug/l #	95
24) 1,1-Dichloroethane	6.021	63	227321	53.831	ug/l	97
25) 2-Butanone	6.990	43	320196	291.933	ug/l	93
26) 2,2-Dichloropropane	6.984	77	189098	46.985	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	149487	55.353	ug/l	93
28) Bromochloromethane	7.338	49	98850	54.352	ug/l	93
29) Tetrahydrofuran	7.350	42	208735	309.068	ug/l	92
30) Chloroform	7.509	83	241450	55.447	ug/l	97
31) Cyclohexane	7.789	56	177437	45.180	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	212687	54.267	ug/l	99
36) 1,1-Dichloropropene	7.923	75	169616	51.230	ug/l	99
37) Ethyl Acetate	7.076	43	133725	58.664	ug/l #	96
38) Carbon Tetrachloride	7.905	117	187324	53.523	ug/l	99
39) Methylcyclohexane	9.185	83	205768	47.704	ug/l	93
40) Benzene	8.161	78	501981	53.310	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014816.D
 Acq On : 25 Jul 2023 21:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 26 02:12:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	189459	161.587	ug/l #	28
42) 1,2-Dichloroethane	8.240	62	168671	56.565	ug/l	96
43) Isopropyl Acetate	8.277	43	243602	56.100	ug/l	96
44) Trichloroethene	8.941	130	142094	53.934	ug/l	98
45) 1,2-Dichloropropane	9.216	63	130306	52.996	ug/l	98
46) Dibromomethane	9.307	93	84482	56.637	ug/l	96
47) Bromodichloromethane	9.496	83	194574	55.345	ug/l	99
48) Methyl methacrylate	9.295	41	110109	56.353	ug/l	93
49) 1,4-Dioxane	9.301	88	30817	1267.019	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	695307	304.973	ug/l	94
52) Toluene	10.246	92	322951	53.598	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	200272	52.079	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	216601	51.795	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	117963	56.773	ug/l	98
56) Ethyl methacrylate	10.508	69	177939	56.089	ug/l	90
57) 1,3-Dichloropropane	10.788	76	200920	56.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	401596	271.682	ug/l	94
59) 2-Hexanone	10.831	43	502851	302.444	ug/l	92
60) Dibromochloromethane	10.984	129	142881	56.086	ug/l	99
61) 1,2-Dibromoethane	11.087	107	119041	57.430	ug/l	98
64) Tetrachloroethene	10.721	164	144070	57.728	ug/l	97
65) Chlorobenzene	11.514	112	355393	53.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	138833	55.685	ug/l	99
67) Ethyl Benzene	11.593	91	632162	52.950	ug/l	99
68) m/p-Xylenes	11.703	106	483034	105.989	ug/l	96
69) o-Xylene	12.032	106	236102	53.189	ug/l	98
70) Styrene	12.044	104	406371	54.317	ug/l	97
71) Bromoform	12.209	173	97706	57.815	ug/l #	98
73) Isopropylbenzene	12.331	105	625107	51.911	ug/l	100
74) N-amyl acetate	12.142	43	212868	52.780	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	151488	55.165	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	199680	102.803	ug/l #	100
77) Bromobenzene	12.605	156	147912	53.810	ug/l	96
78) n-propylbenzene	12.672	91	747484	51.513	ug/l	100
79) 2-Chlorotoluene	12.758	91	424957	50.845	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	524056	52.110	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	49443	49.286	ug/l	97
82) 4-Chlorotoluene	12.855	91	438834	50.981	ug/l	100
83) tert-Butylbenzene	13.075	119	458149	51.356	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	516190	52.301	ug/l	99
85) sec-Butylbenzene	13.251	105	680470	51.998	ug/l	100
86) p-Isopropyltoluene	13.367	119	564449	52.827	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	290985	54.391	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	287792	53.683	ug/l	99
89) n-Butylbenzene	13.696	91	528870	50.876	ug/l	97
90) Hexachloroethane	13.959	117	111821	50.952	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	267645	54.605	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29361	55.908	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	160378	51.545	ug/l	98
94) Hexachlorobutadiene	15.111	225	86536	50.611	ug/l	97
95) Naphthalene	15.233	128	403746	55.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	146047	52.815	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014816.D
Acq On : 25 Jul 2023 21:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 32 Sample Multiplier: 1

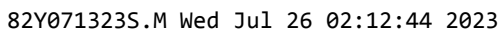
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

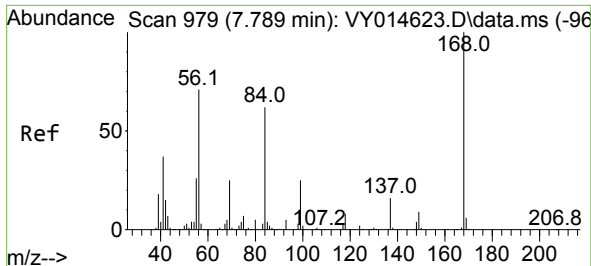
Quant Time: Jul 26 02:12:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jul 26 02:12:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

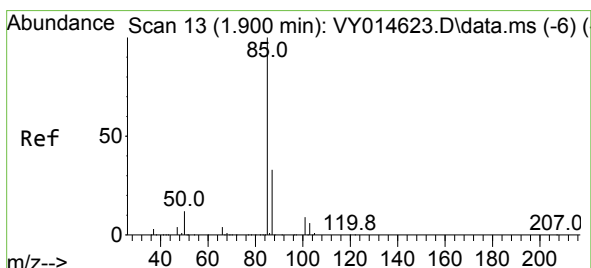
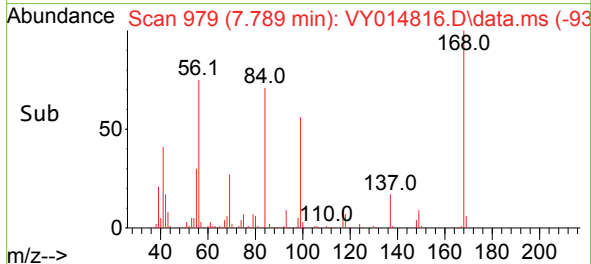
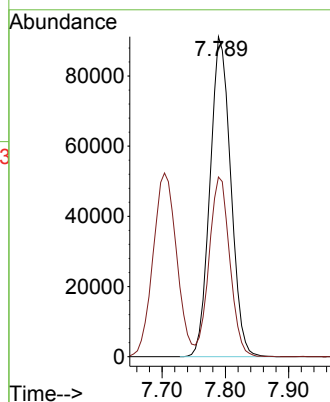
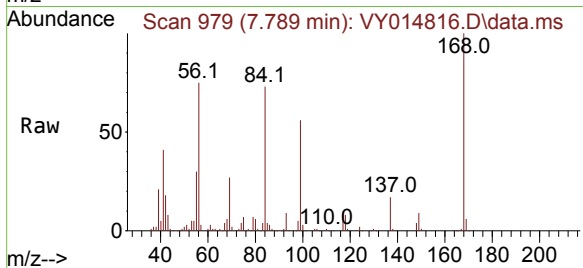




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

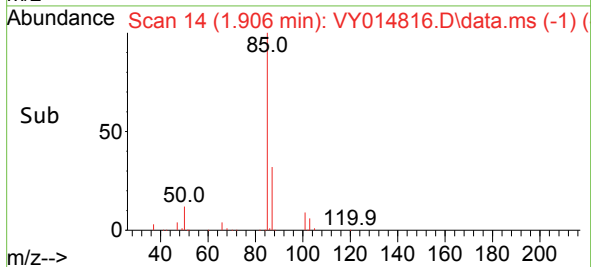
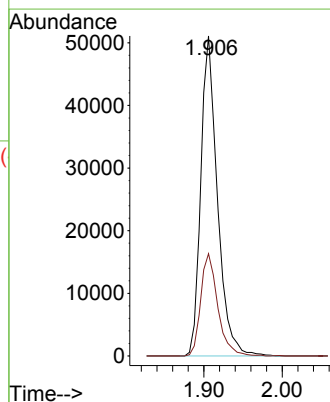
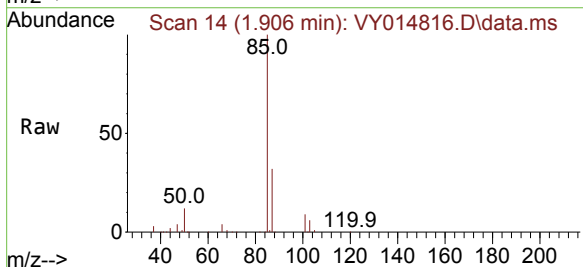
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

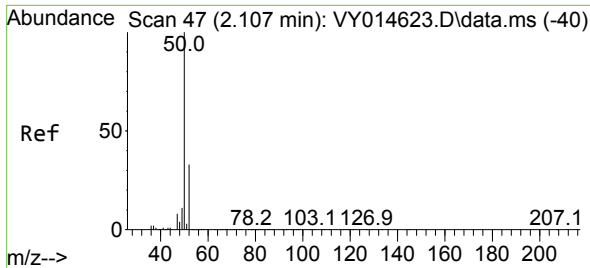
Tgt Ion:168 Resp: 207614
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.459 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 85 Resp: 75200
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8

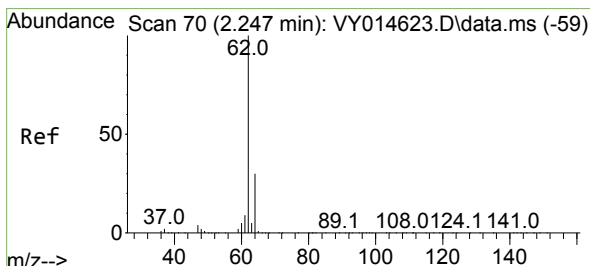
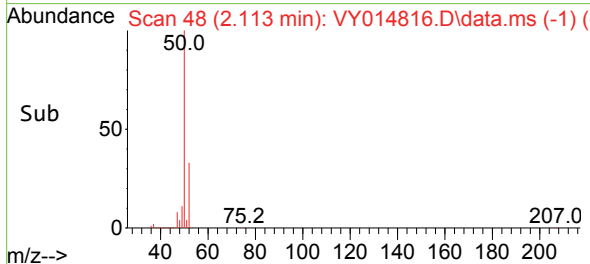
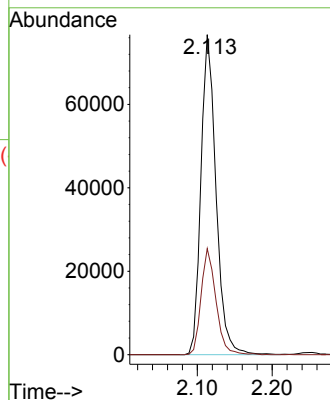
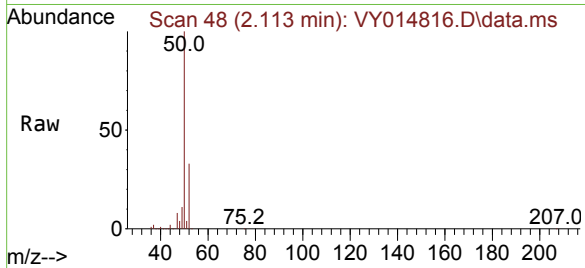




#3
Chloromethane
Concen: 56.492 ug/l
RT: 2.113 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

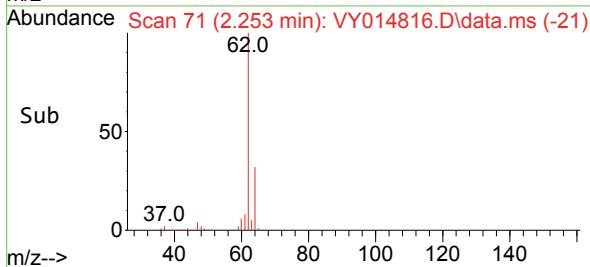
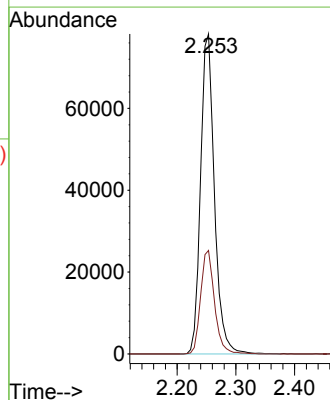
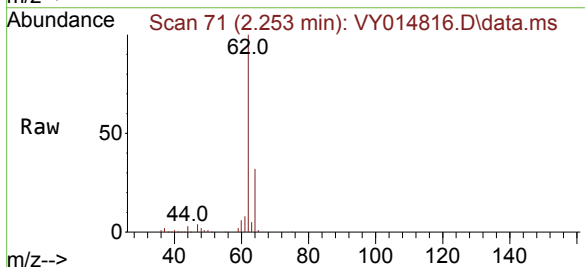
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

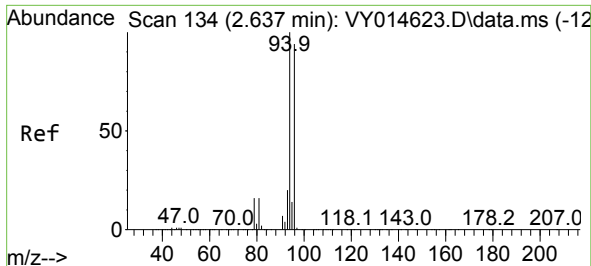
Tgt Ion: 50 Resp: 107411
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2



#4
Vinyl Chloride
Concen: 60.164 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 62 Resp: 127846
Ion Ratio Lower Upper
62 100
64 32.4 24.3 36.5

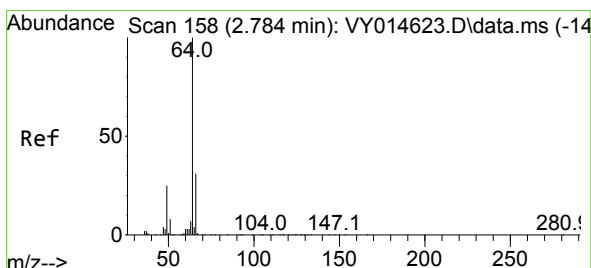
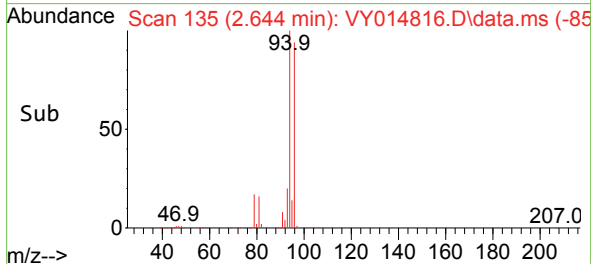
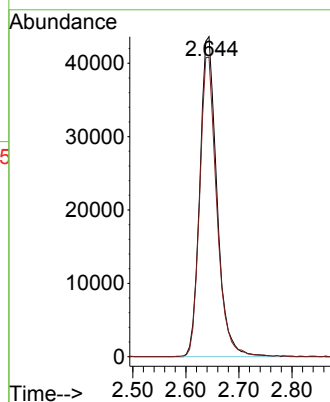
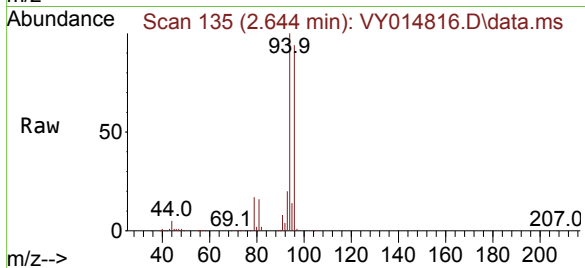




#5
Bromomethane
Concen: 69.490 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

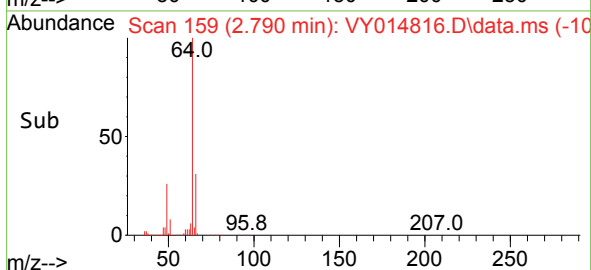
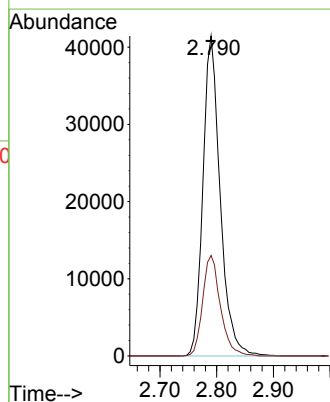
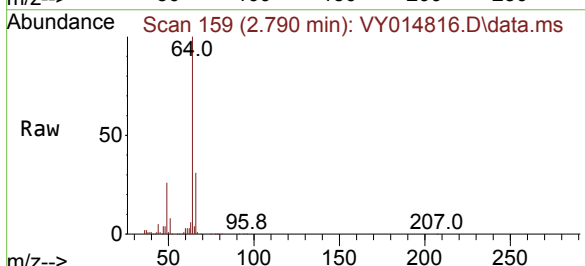
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

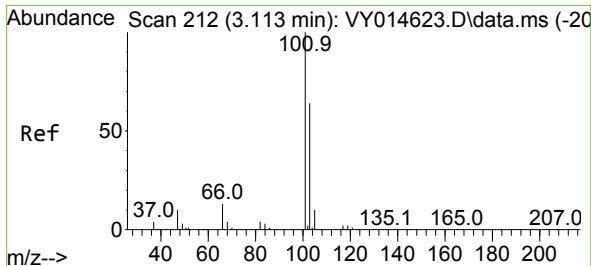
Tgt Ion: 94 Resp: 97584
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.6



#6
Chloroethane
Concen: 65.952 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 64 Resp: 87542
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6

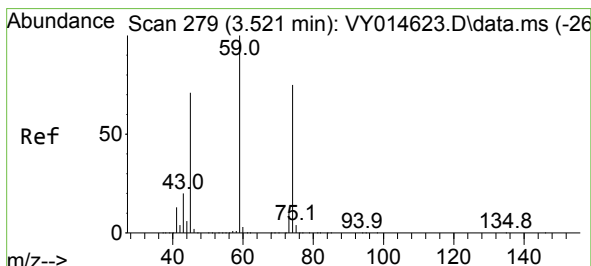
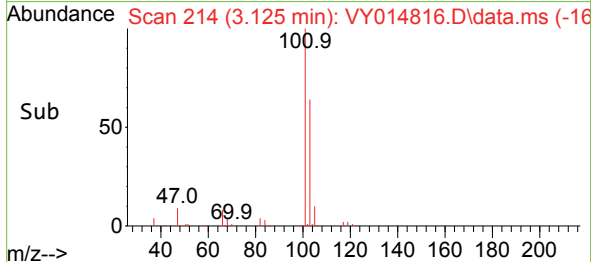
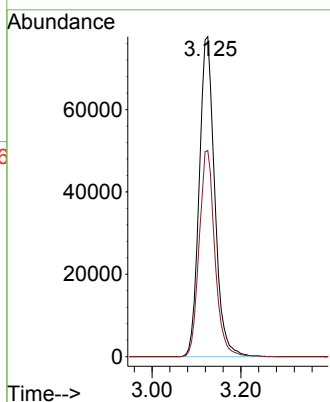
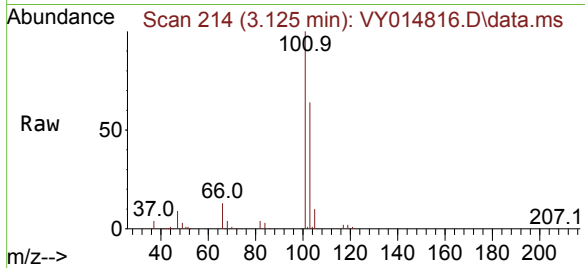




#7
Trichlorofluoromethane
Concen: 52.934 ug/l
RT: 3.125 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

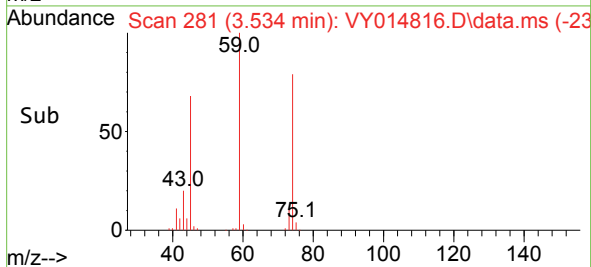
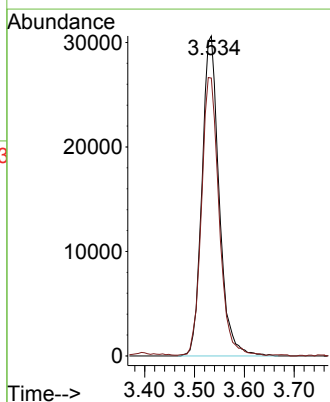
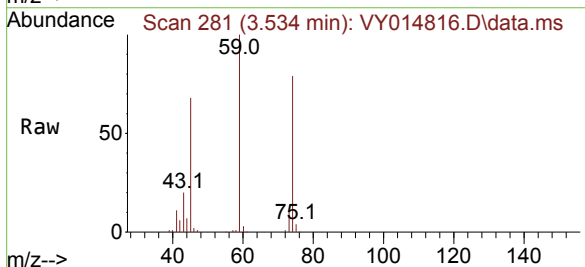
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

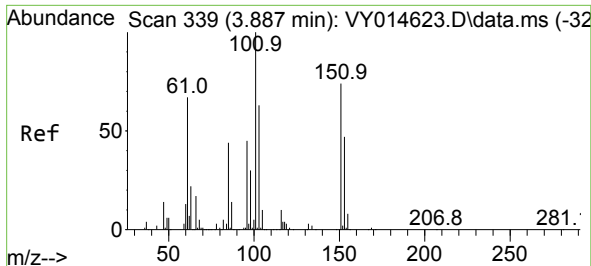
Tgt Ion:101 Resp: 188915
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0



#8
Diethyl Ether
Concen: 55.169 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.013 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 74 Resp: 73258
Ion Ratio Lower Upper
74 100
45 88.5 51.5 154.5

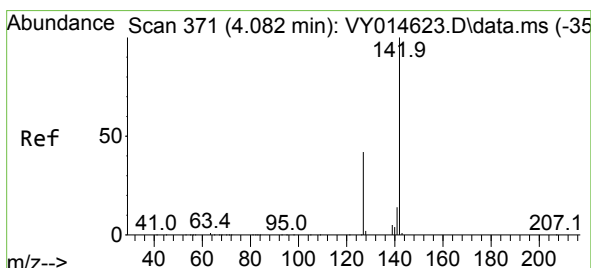
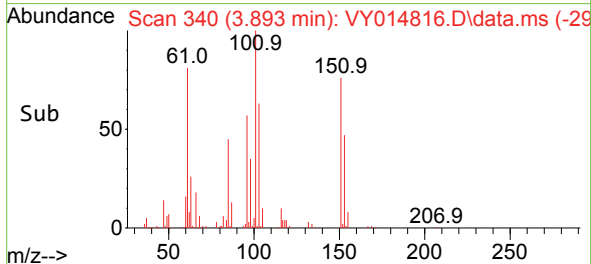
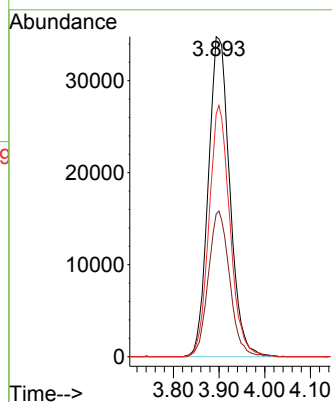
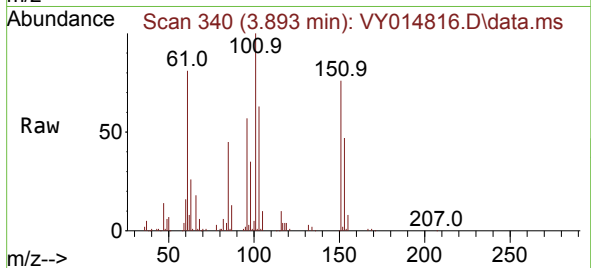




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.885 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

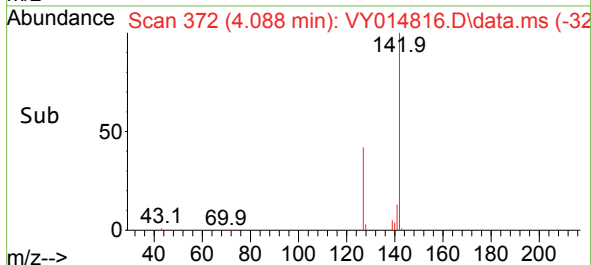
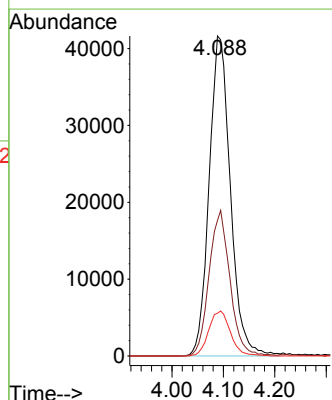
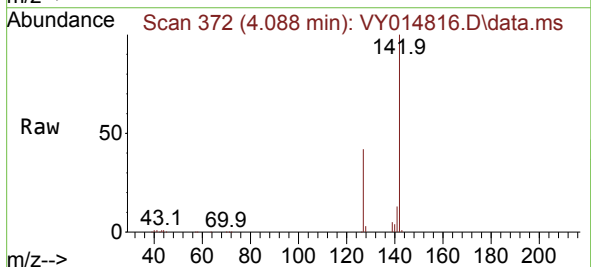
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

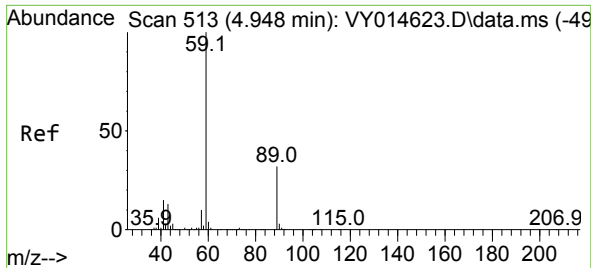
Tgt Ion:101 Resp: 113498
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 76.5 67.0 100.6



#10
Methyl Iodide
Concen: 51.454 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion:142 Resp: 119484
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 14.4 11.8 17.8

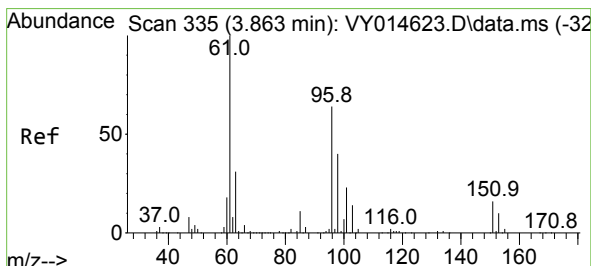
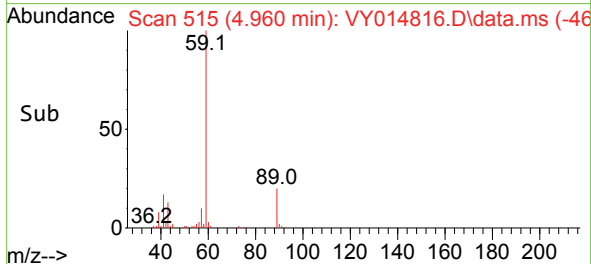
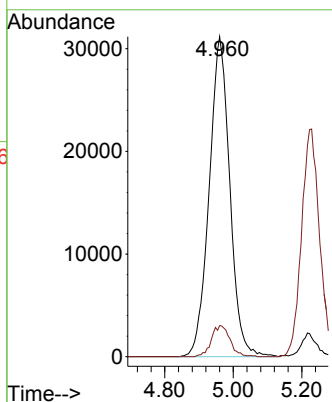
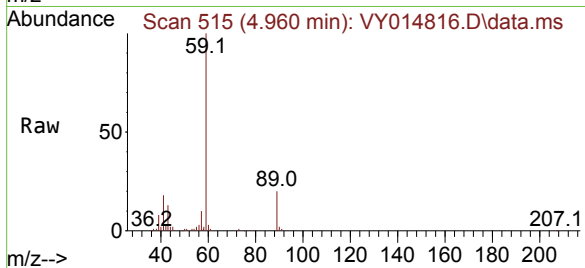




#11
Tert butyl alcohol
Concen: 269.174 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

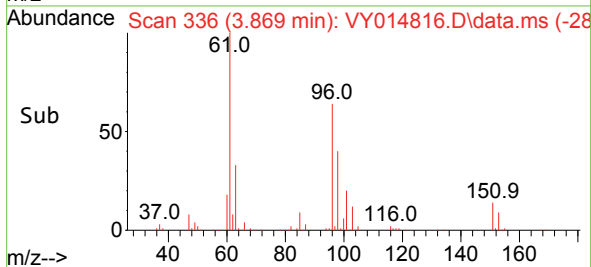
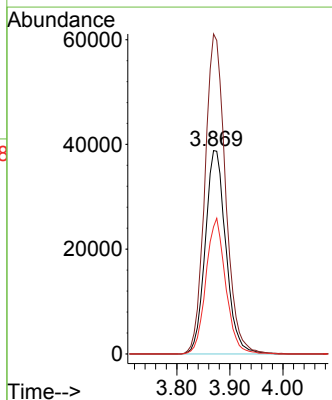
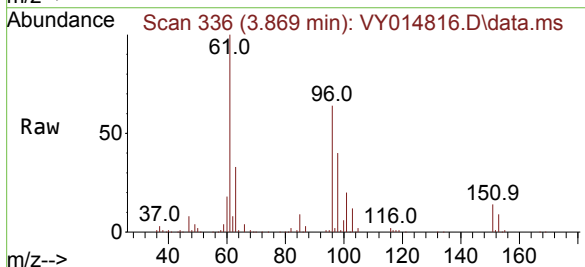
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

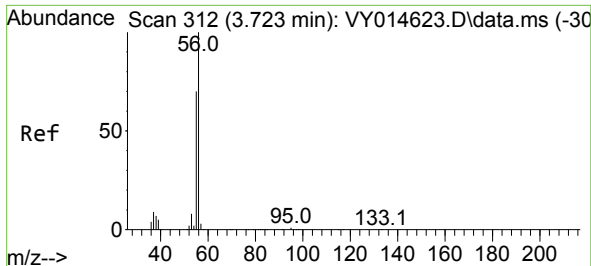
Tgt Ion: 59 Resp: 130222
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.401 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 96 Resp: 105088
Ion Ratio Lower Upper
96 100
61 157.4 136.4 204.6
98 62.6 49.4 74.2

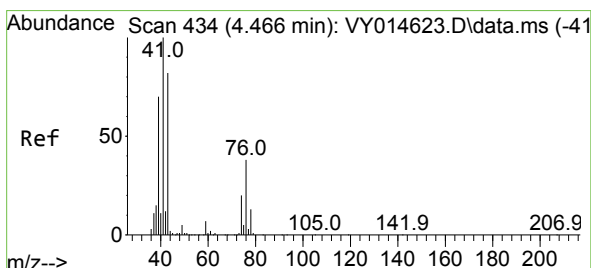
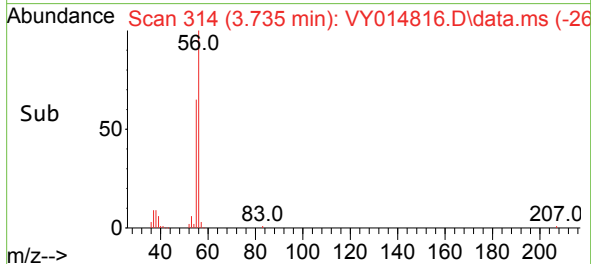
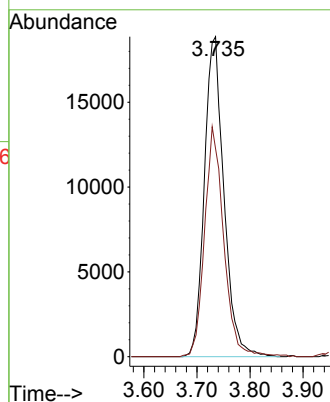
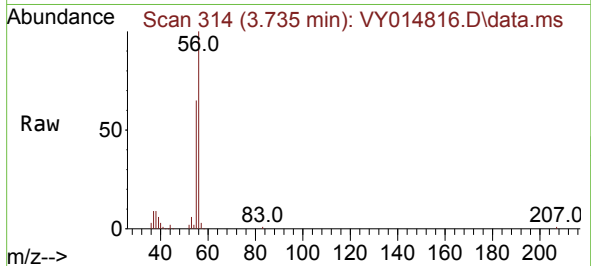




#13
Acrolein
Concen: 194.903 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

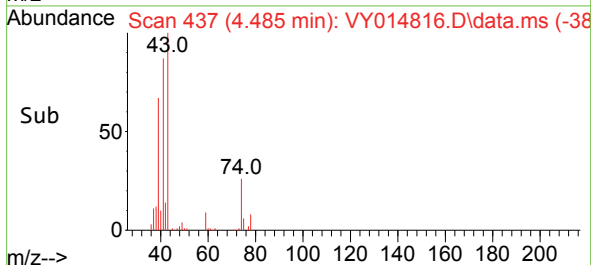
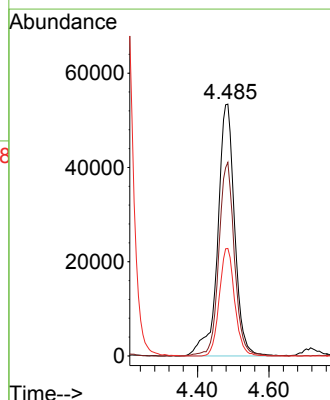
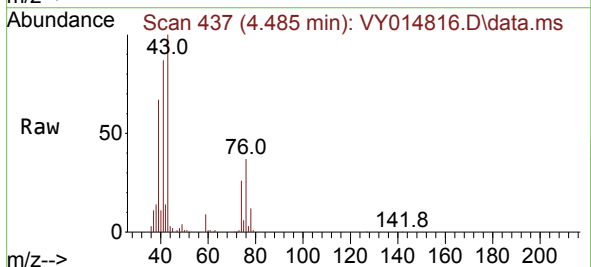
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

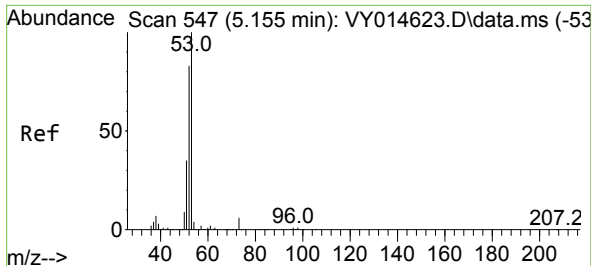
Tgt Ion: 56 Resp: 48195
Ion Ratio Lower Upper
56 100
55 70.6 57.0 85.4



#14
Allyl chloride
Concen: 48.253 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.019 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 41 Resp: 175163
Ion Ratio Lower Upper
41 100
39 71.0 58.0 87.0
76 38.8 27.4 41.2

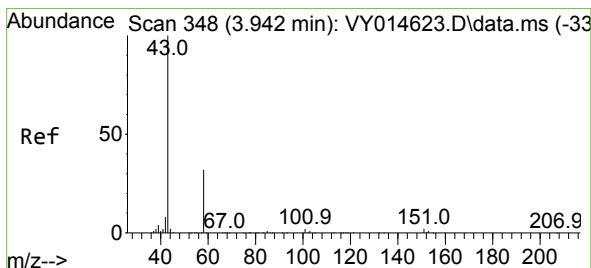
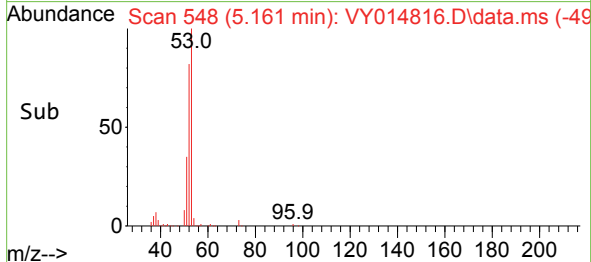
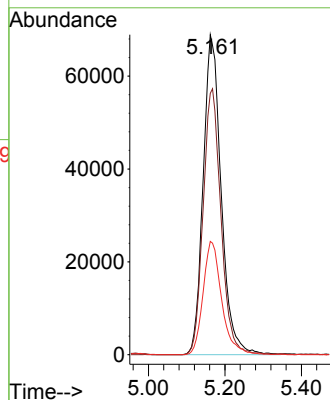
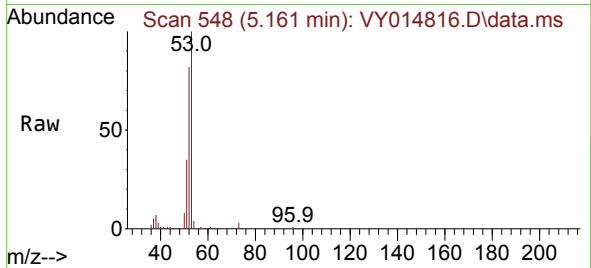




#15
Acrylonitrile
Concen: 308.347 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

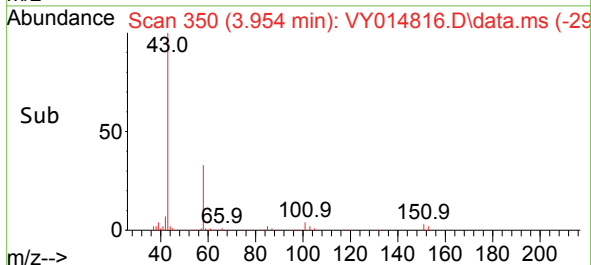
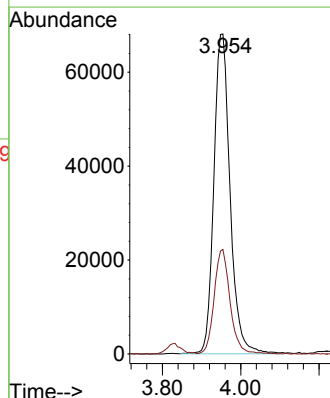
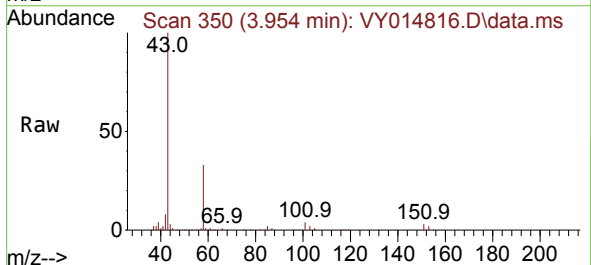
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

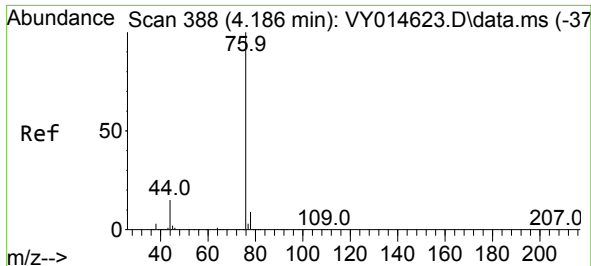
Tgt Ion: 53 Resp: 225784
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 260.607 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 43 Resp: 195379
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1

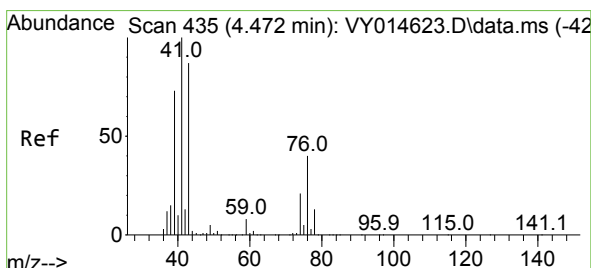
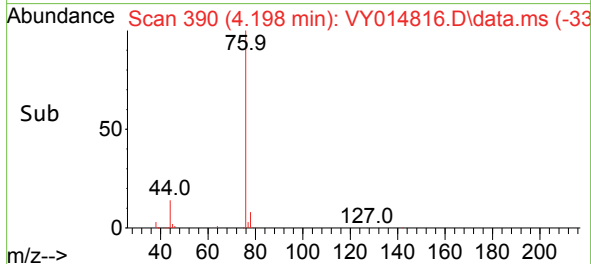
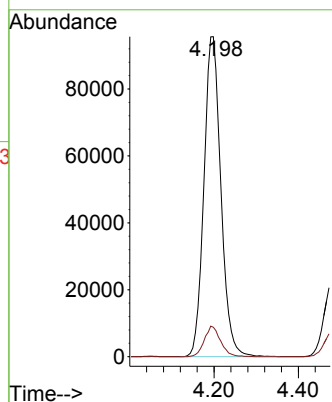
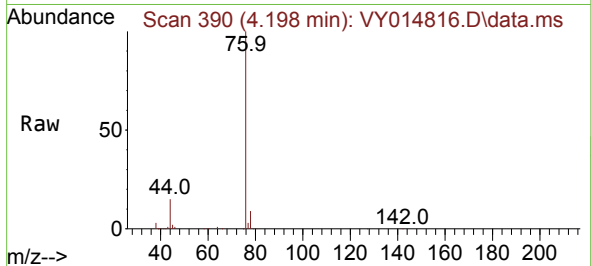




#17
Carbon Disulfide
Concen: 45.778 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

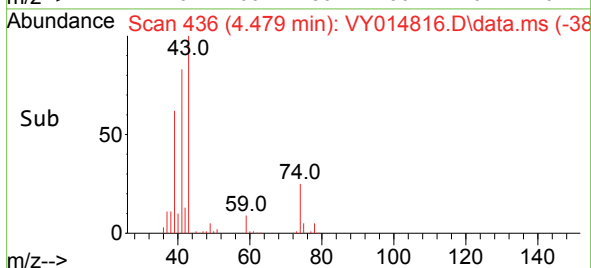
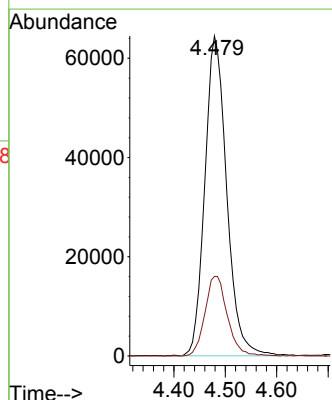
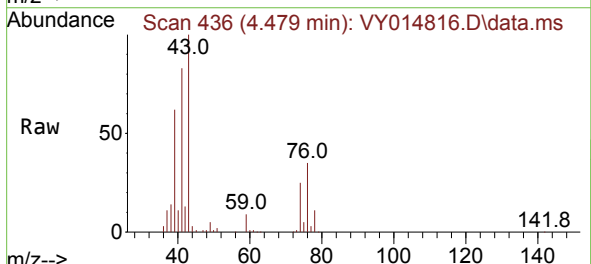
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

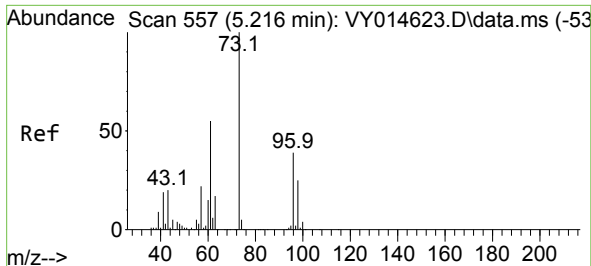
Tgt Ion: 76 Resp: 267948
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 66.040 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 43 Resp: 189998
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0

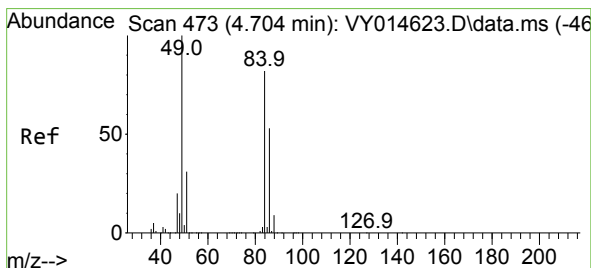
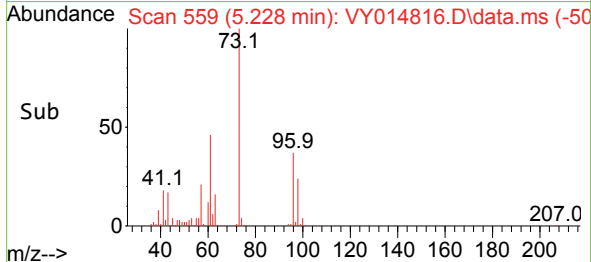
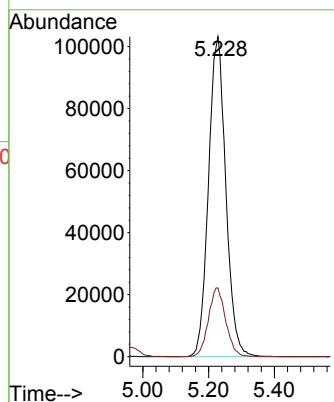
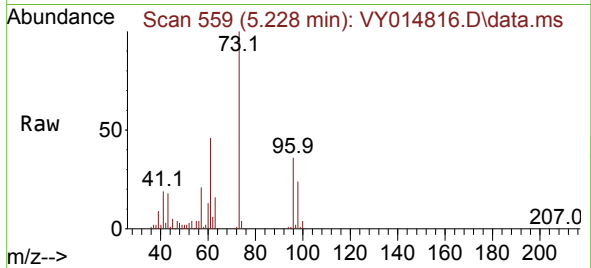




#19
Methyl tert-butyl Ether
Concen: 56.837 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

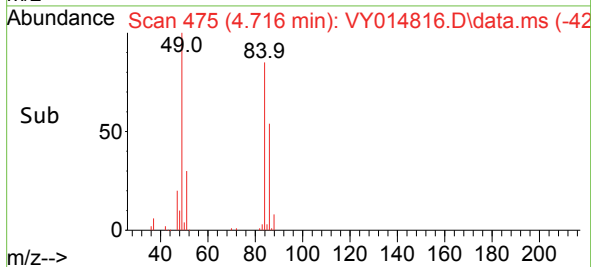
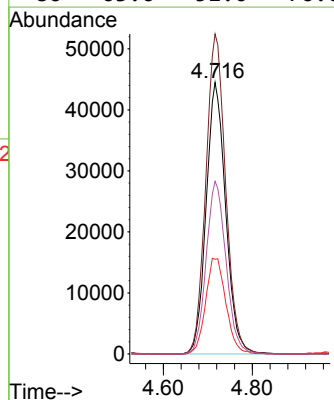
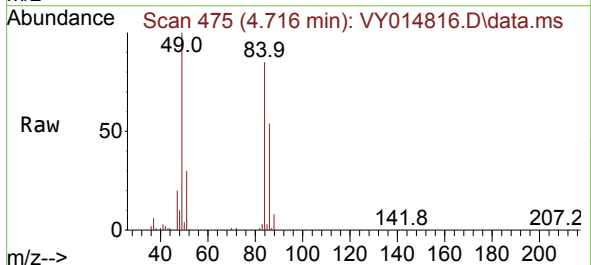
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

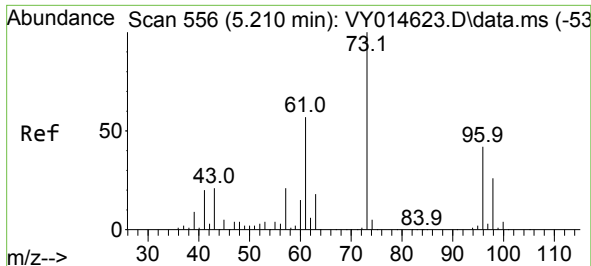
Tgt Ion: 73 Resp: 377464
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 56.514 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 84 Resp: 136300
Ion Ratio Lower Upper
84 100
49 117.9 106.9 160.3
51 34.9 33.2 49.8
86 63.6 51.0 76.6

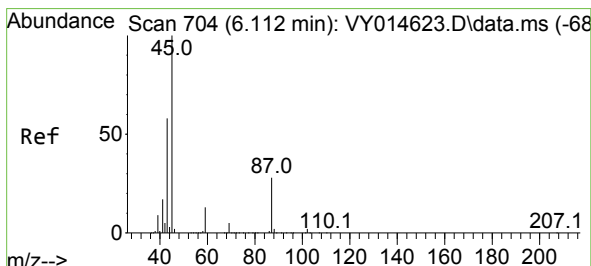
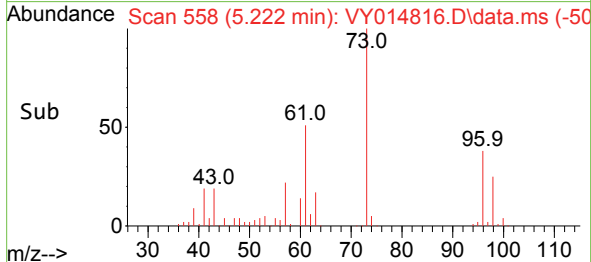
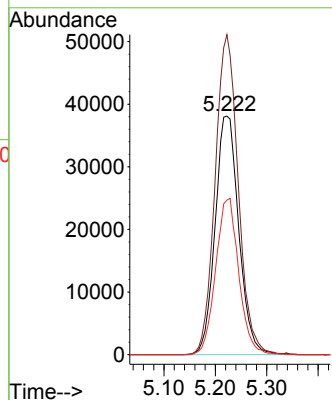
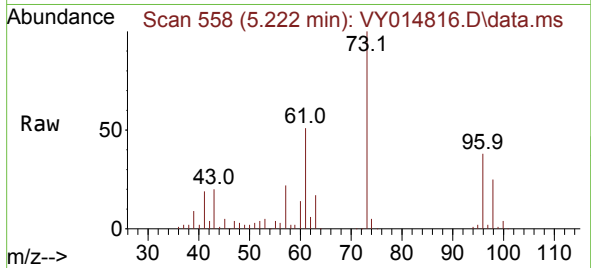




#21
trans-1,2-Dichloroethene
Concen: 52.486 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

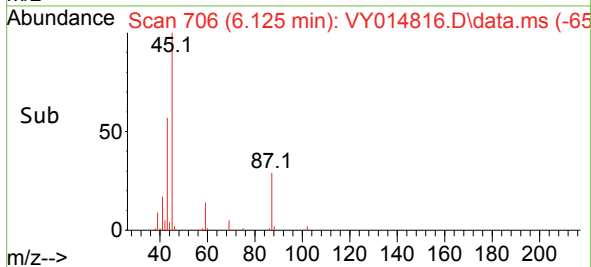
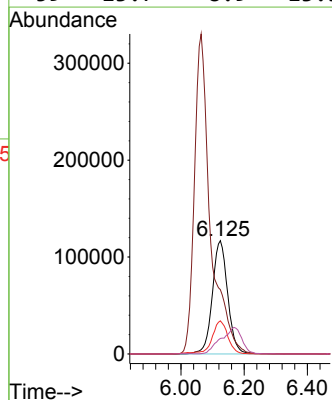
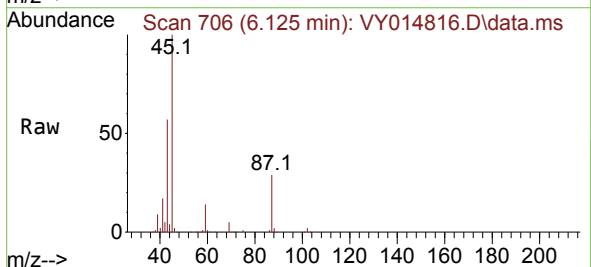
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

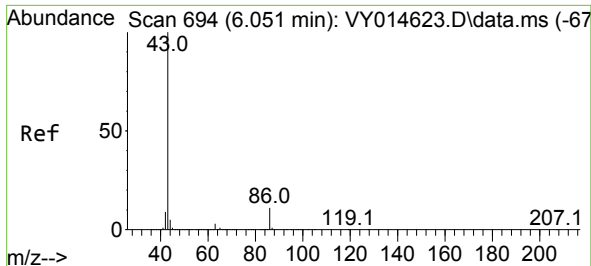
Tgt Ion: 96 Resp: 121774
Ion Ratio Lower Upper
96 100
61 134.1 110.2 165.4
98 64.8 51.8 77.6



#22
Diisopropyl ether
Concen: 53.288 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.013 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 45 Resp: 393280
Ion Ratio Lower Upper
45 100
43 56.6 52.2 78.4
87 29.2 21.0 31.6
59 13.7 8.9 13.3#

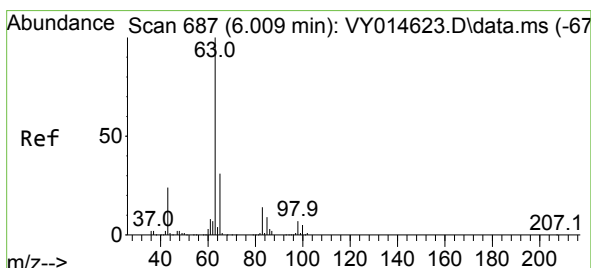
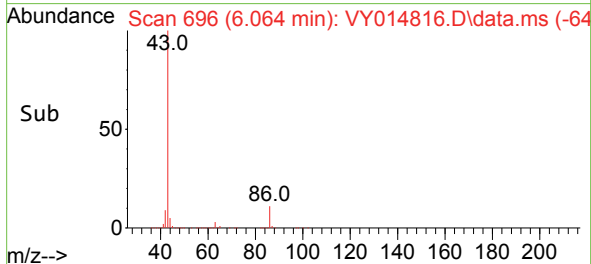
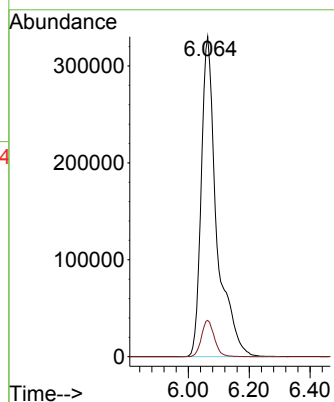
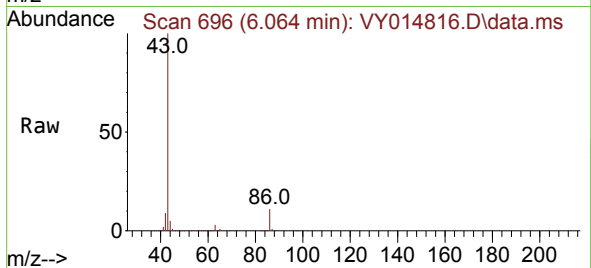




#23
 Vinyl Acetate
 Concen: 263.325 ug/l
 RT: 6.064 min Scan# 694
 Delta R.T. 0.013 min
 Lab File: VY014816.D
 Acq: 25 Jul 2023 21:12

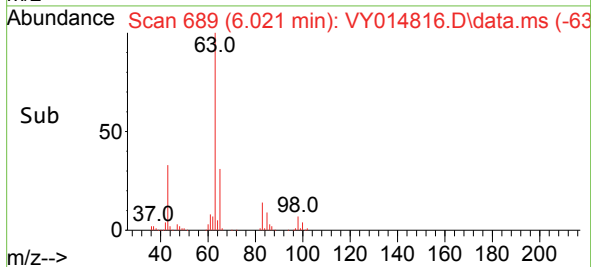
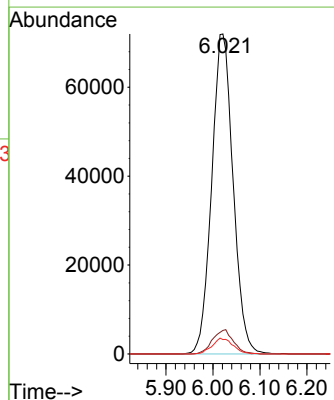
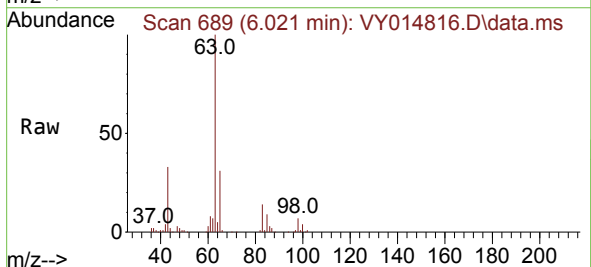
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

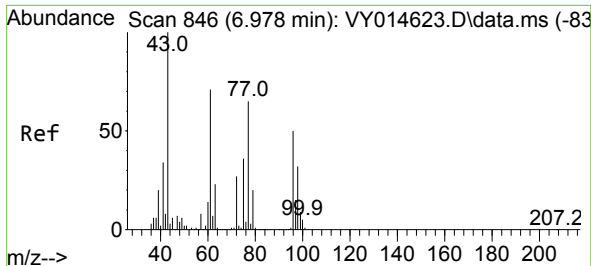
Tgt Ion: 43 Resp: 1162992
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 53.831 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY014816.D
 Acq: 25 Jul 2023 21:12

Tgt Ion: 63 Resp: 227321
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.5 1.8 5.5

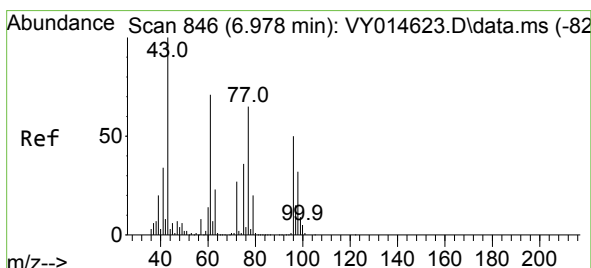
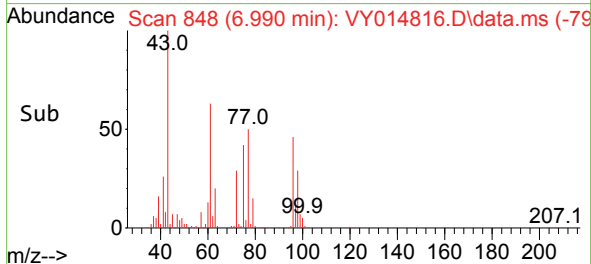
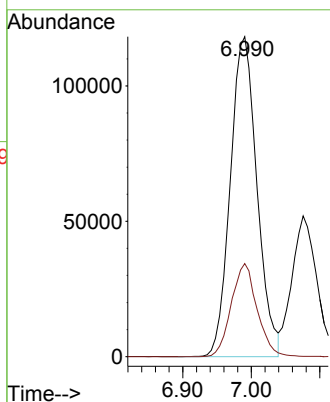
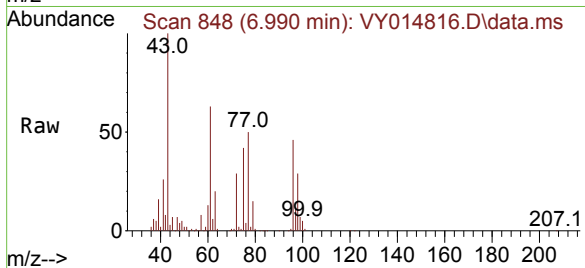




#25
2-Butanone
Concen: 291.933 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

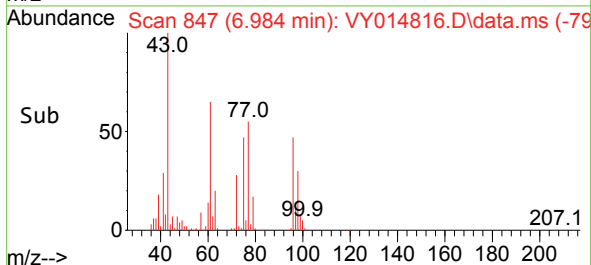
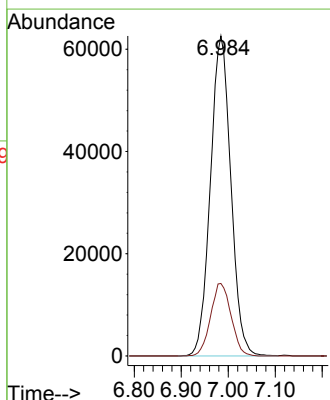
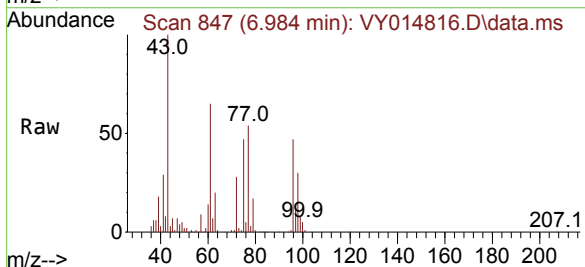
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

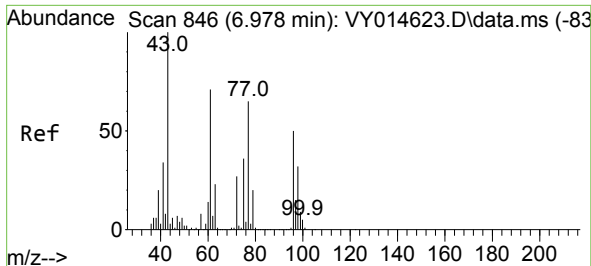
Tgt Ion: 43 Resp: 320196
Ion Ratio Lower Upper
43 100
72 29.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 46.985 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 77 Resp: 189098
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 55.353 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

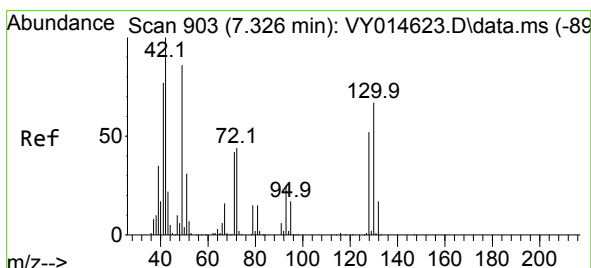
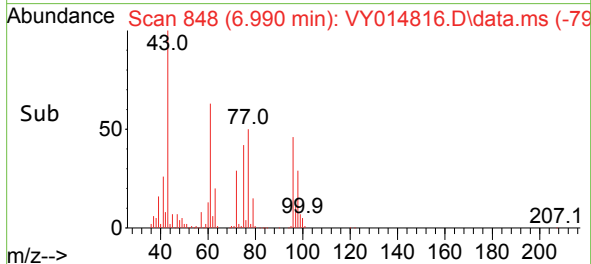
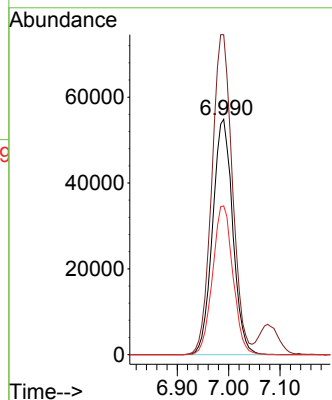
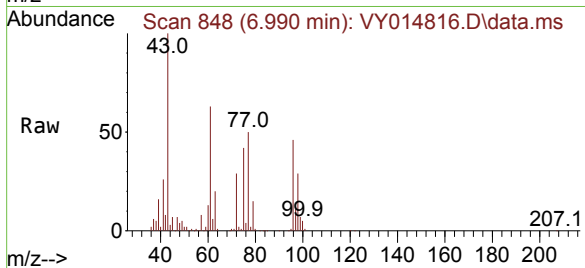
Tgt Ion: 96 Resp: 149487

Ion Ratio Lower Upper

96 100

61 138.8 0.0 301.4

98 63.7 0.0 130.4



#28

Bromochloromethane

Concen: 54.352 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

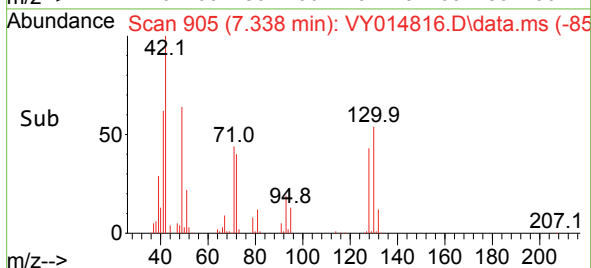
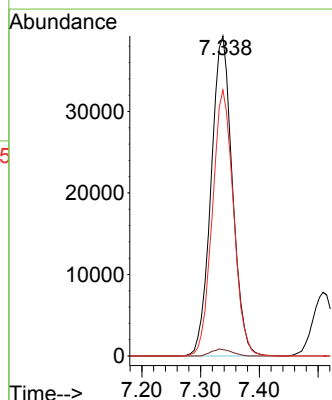
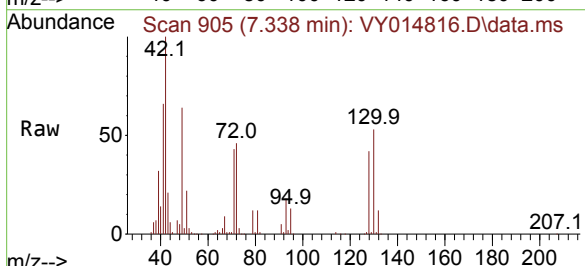
Tgt Ion: 49 Resp: 98850

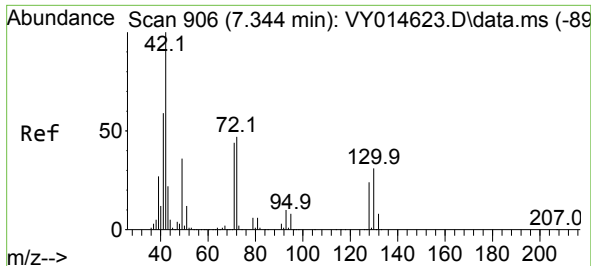
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 82.4 60.7 91.1

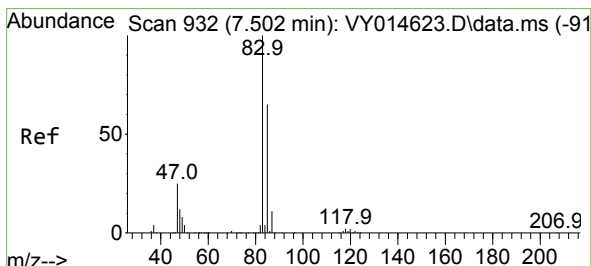
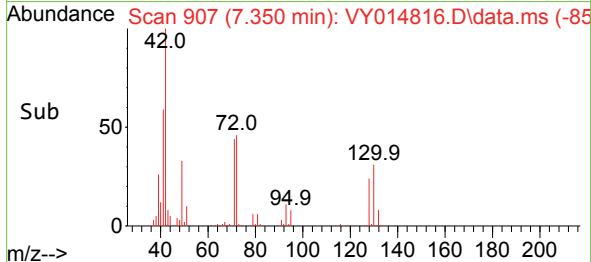
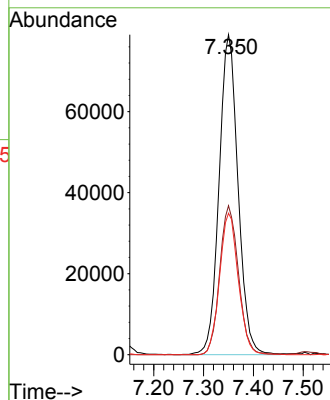
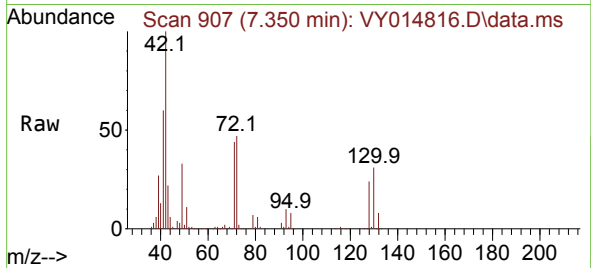




#29
Tetrahydrofuran
Concen: 309.068 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

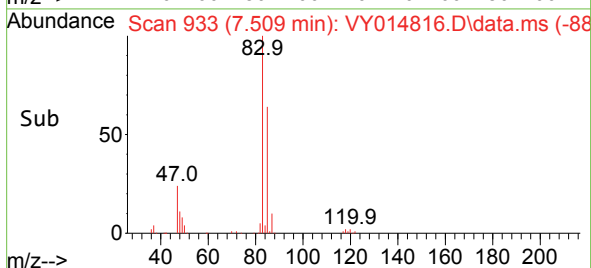
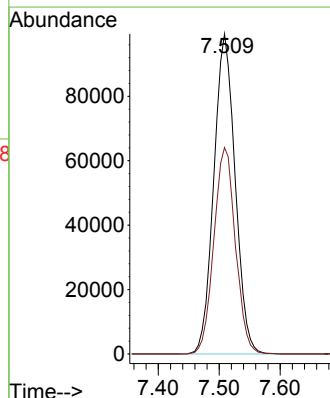
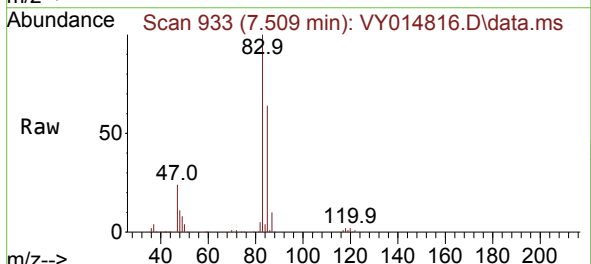
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

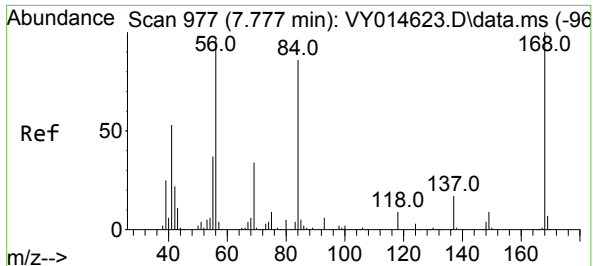
Tgt Ion: 42 Resp: 208735
Ion Ratio Lower Upper
42 100
72 46.0 32.8 49.2
71 43.7 31.0 46.4



#30
Chloroform
Concen: 55.447 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.007 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 83 Resp: 241450
Ion Ratio Lower Upper
83 100
85 64.5 49.7 74.5

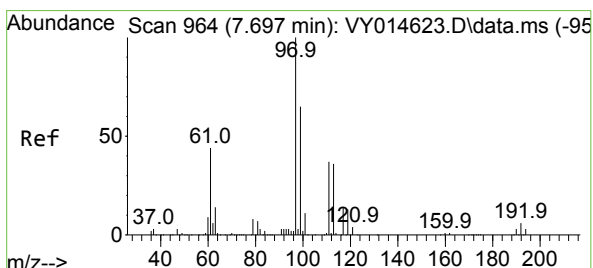
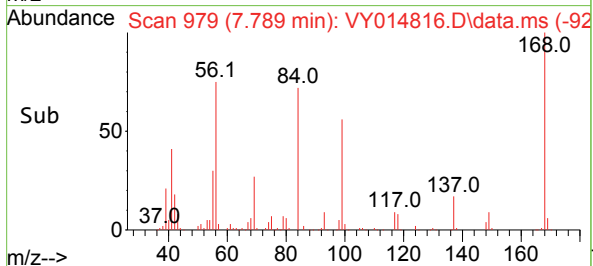
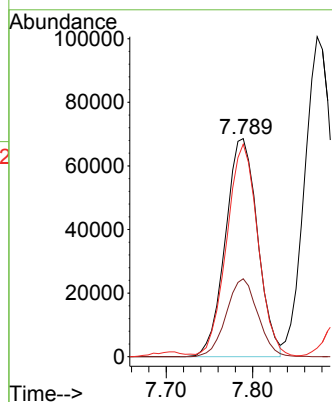
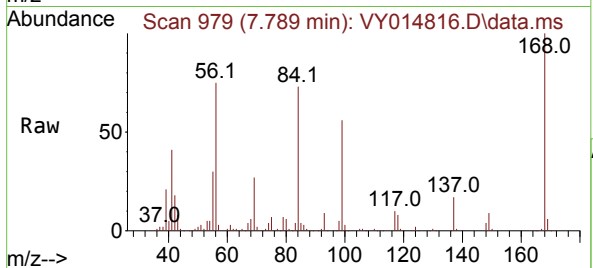




#31
Cyclohexane
Concen: 45.180 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

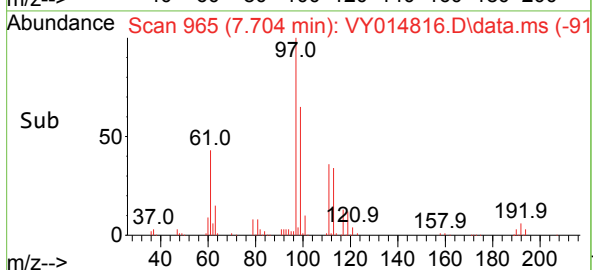
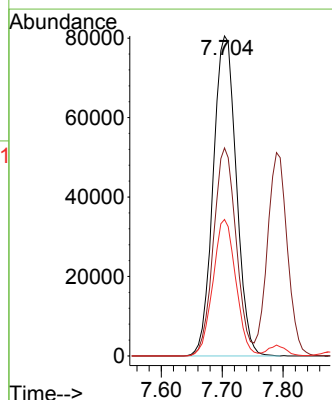
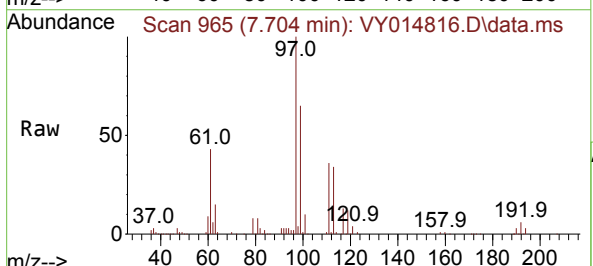
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

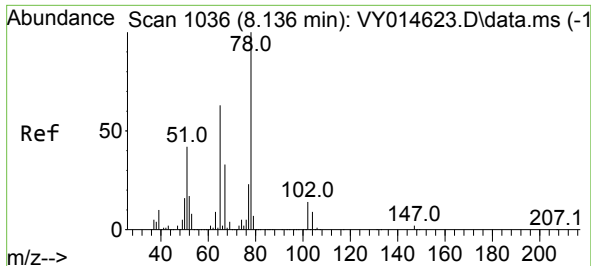
Tgt Ion: 56 Resp: 177437
Ion Ratio Lower Upper
56 100
69 35.7 27.8 41.6
84 95.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 54.267 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 97 Resp: 212687
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 42.2 35.1 52.7

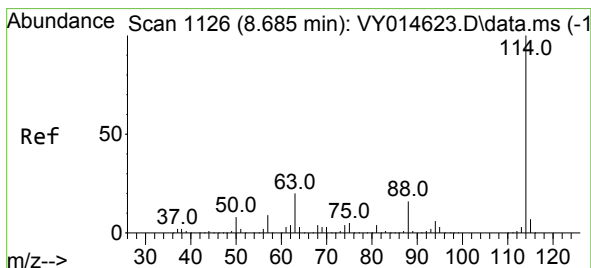
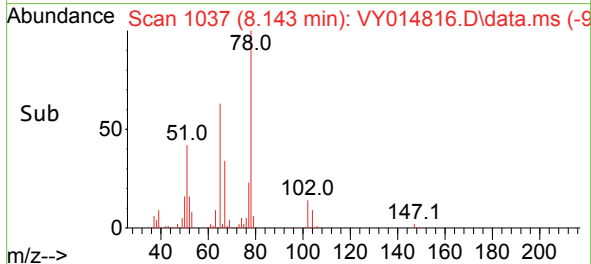
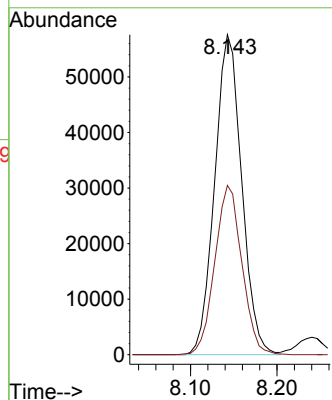
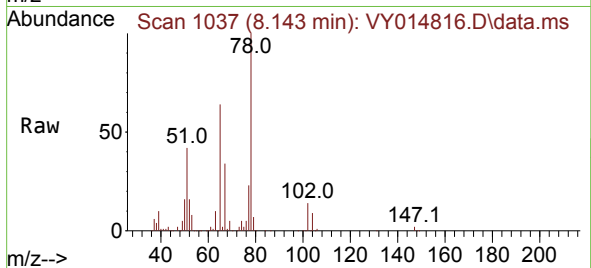




#33
 1,2-Dichloroethane-d4
 Concen: 52.744 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VY014816.D
 Acq: 25 Jul 2023 21:12

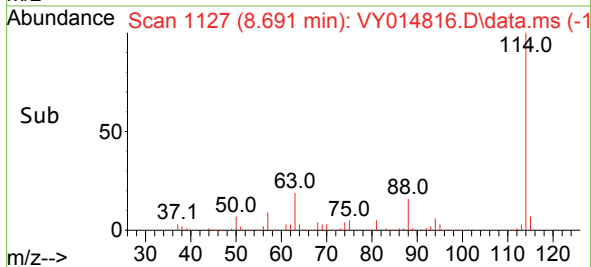
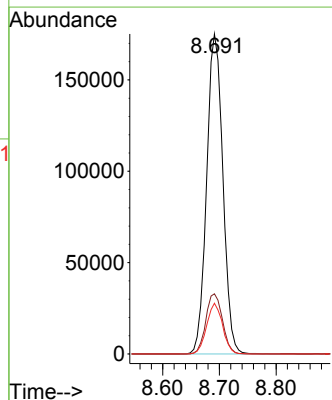
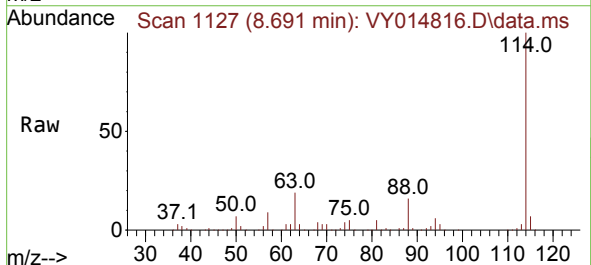
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

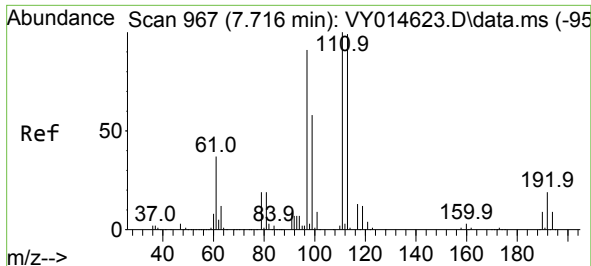
Tgt Ion: 65 Resp: 124785
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014816.D
 Acq: 25 Jul 2023 21:12

Tgt Ion: 114 Resp: 347788
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 15.9 0.0 30.6

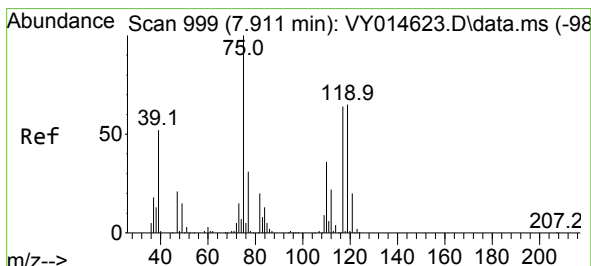
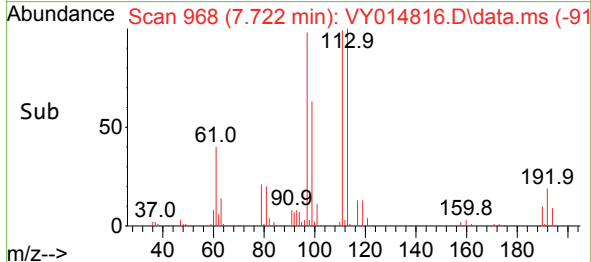
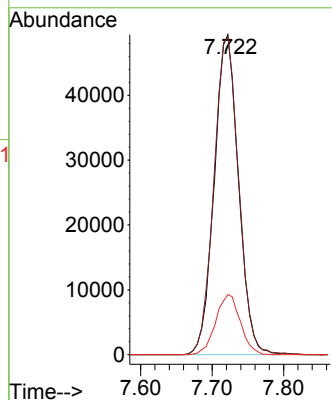
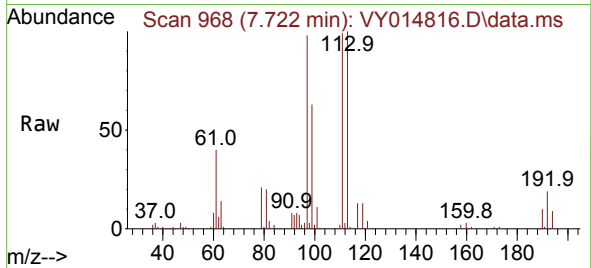




#35
Dibromofluoromethane
Concen: 52.435 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

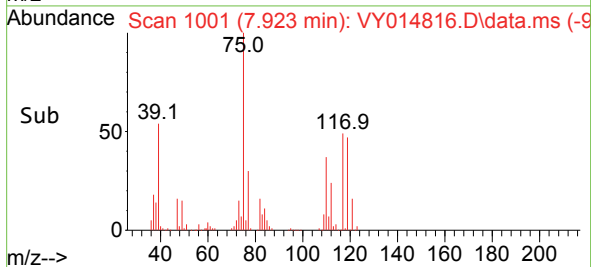
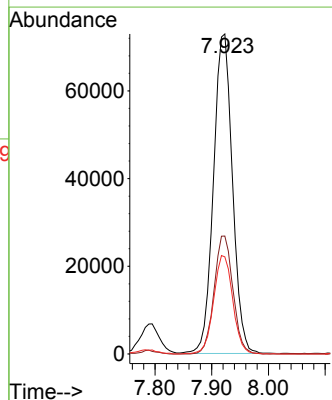
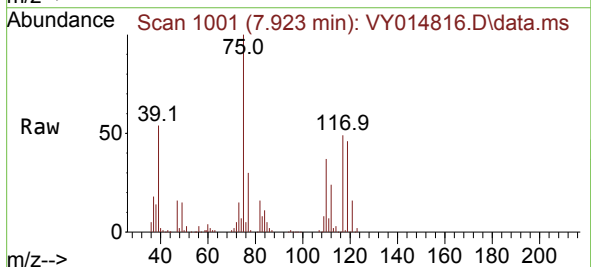
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

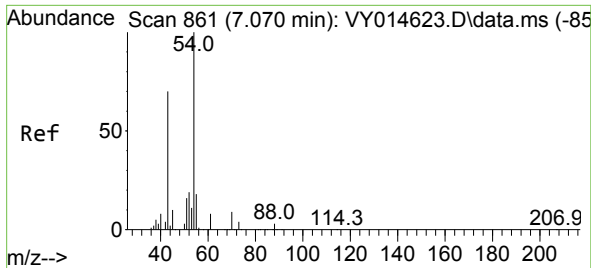
Tgt Ion:113 Resp: 116088
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.230 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 75 Resp: 169616
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.1 24.4 36.6

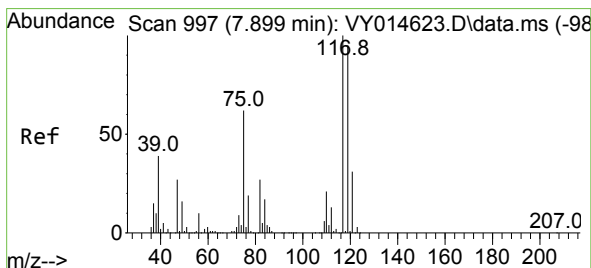
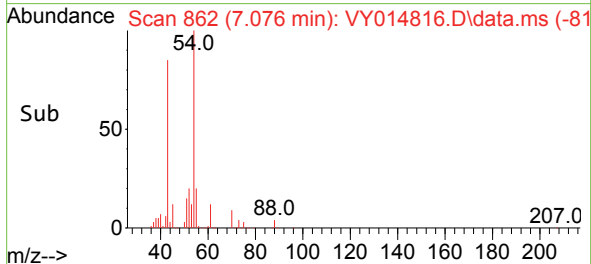
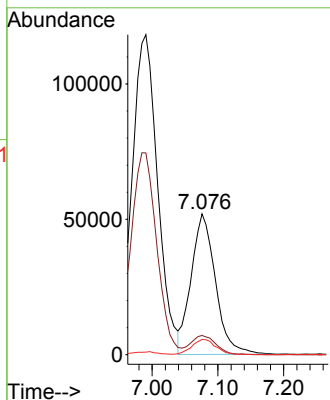
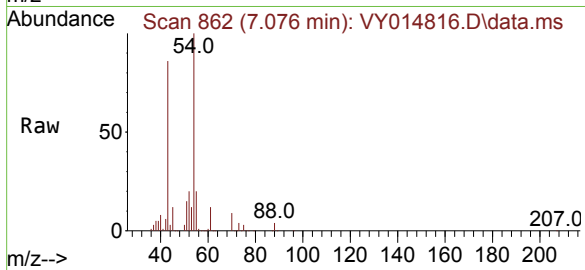




#37
Ethyl Acetate
Concen: 58.664 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

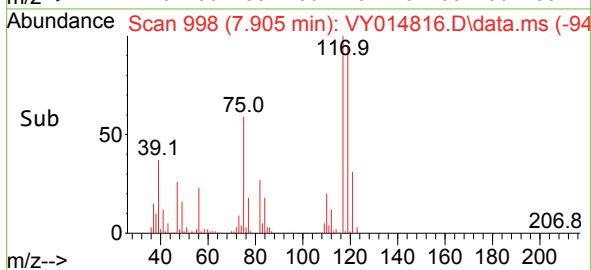
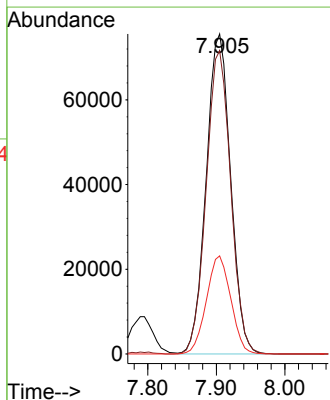
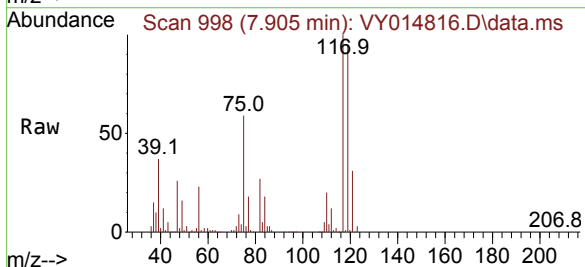
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

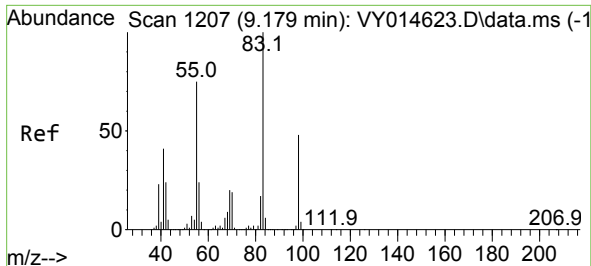
Tgt Ion: 43 Resp: 133725
Ion Ratio Lower Upper
43 100
61 14.2 10.1 15.1
70 10.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 53.523 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion:117 Resp: 187324
Ion Ratio Lower Upper
117 100
119 94.8 76.4 114.6
121 30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 47.704 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

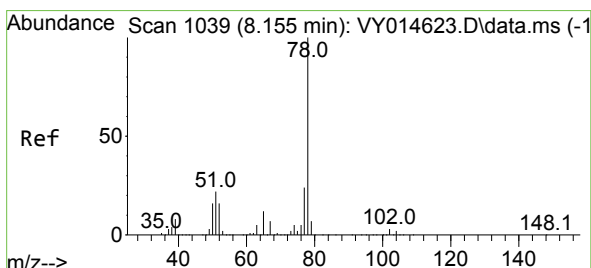
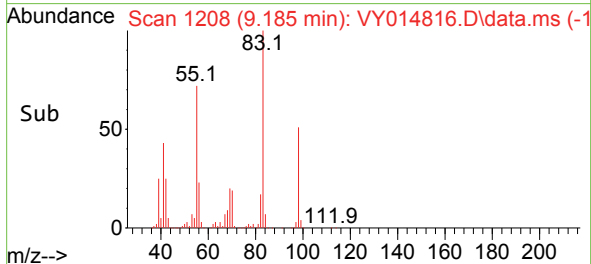
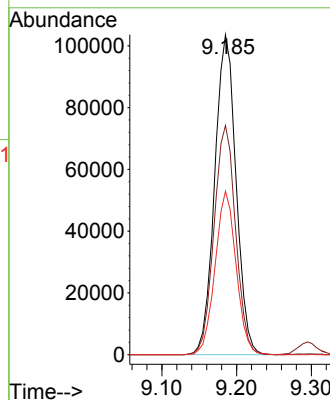
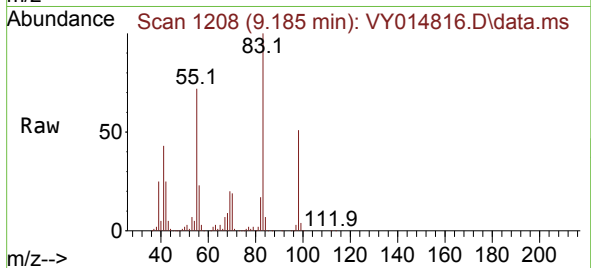
Tgt Ion: 83 Resp: 205768

Ion Ratio Lower Upper

83 100

55 71.7 63.0 94.4

98 51.1 37.4 56.2



#40

Benzene

Concen: 53.310 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014816.D

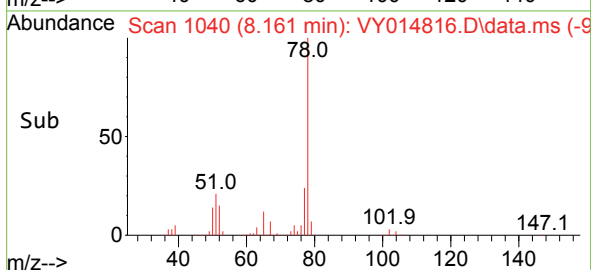
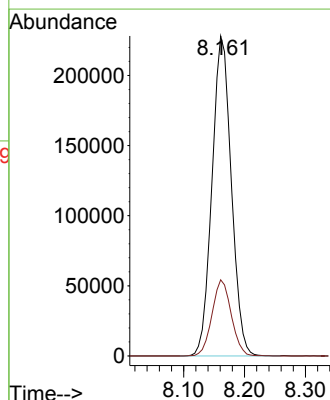
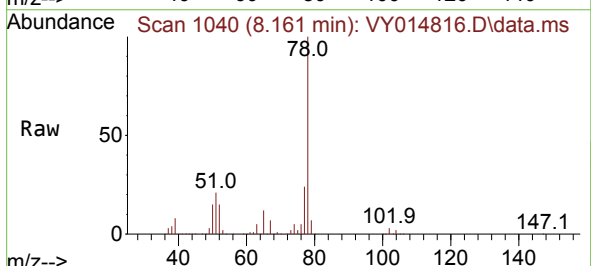
Acq: 25 Jul 2023 21:12

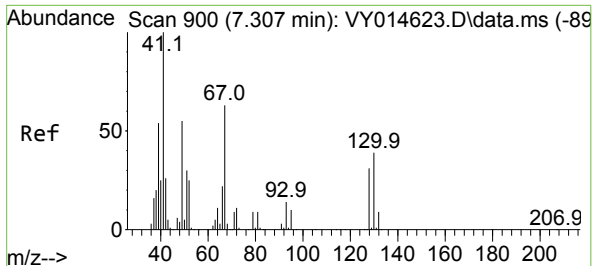
Tgt Ion: 78 Resp: 501981

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

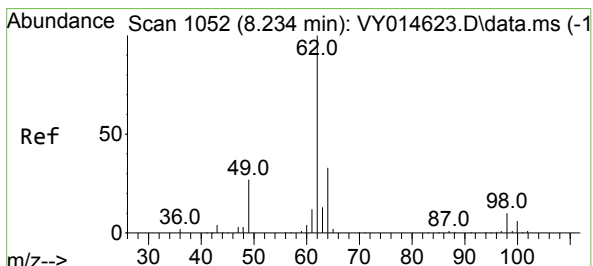
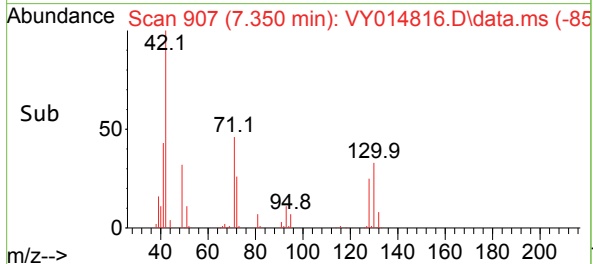
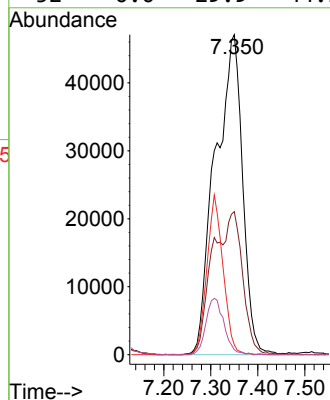
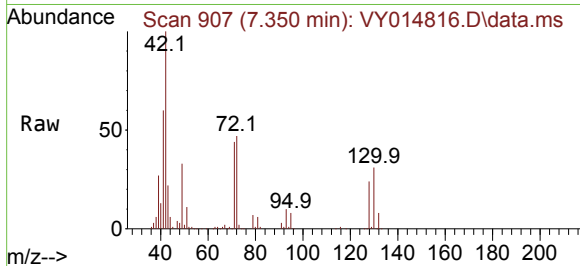




#41
Methacrylonitrile
Concen: 161.587 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

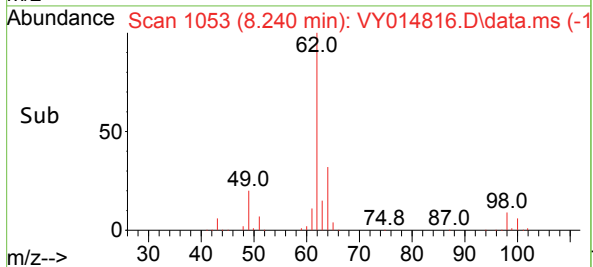
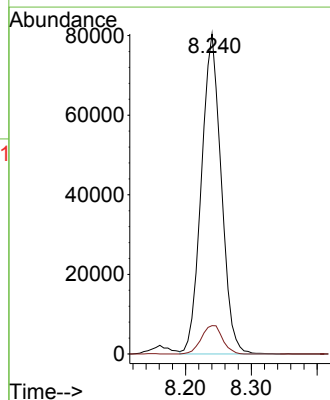
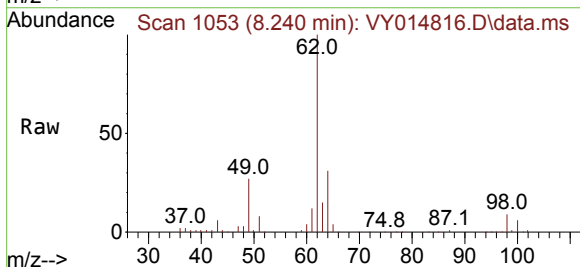
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

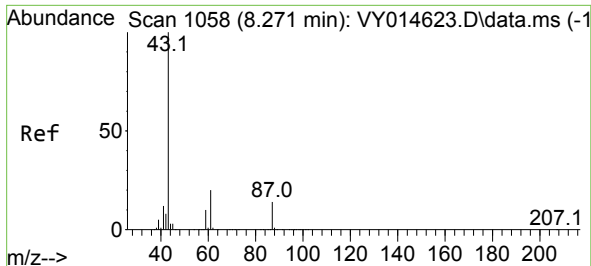
Tgt Ion: 41 Resp: 189459
Ion Ratio Lower Upper
41 100
39 24.3 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 56.565 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 62 Resp: 168671
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8

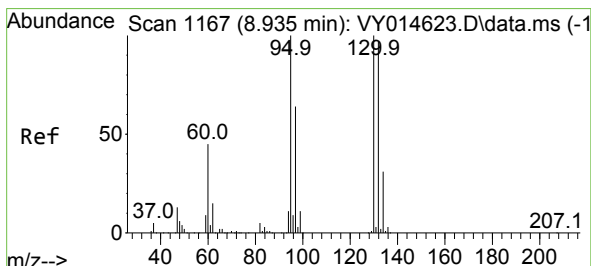
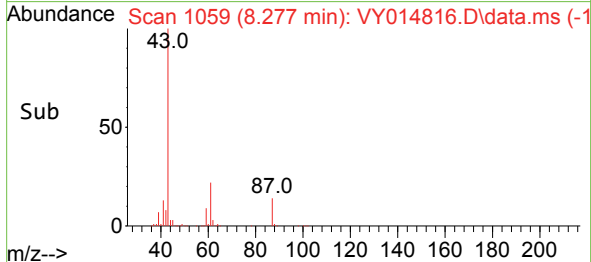
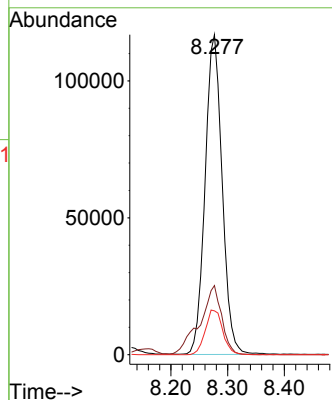
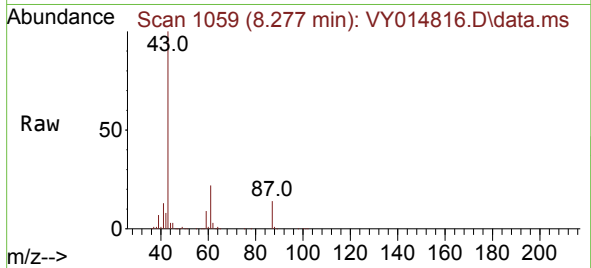




#43
Isopropyl Acetate
Concen: 56.100 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

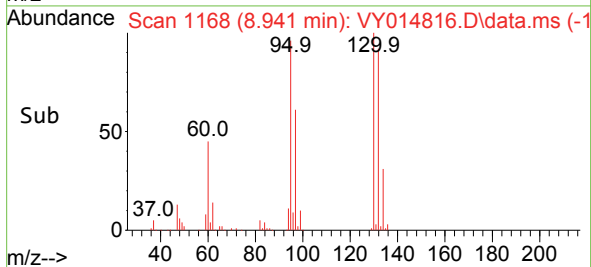
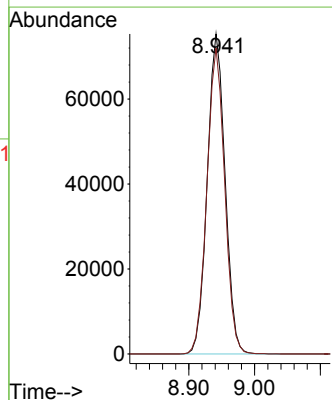
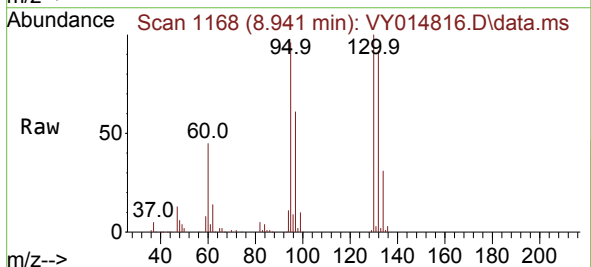
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

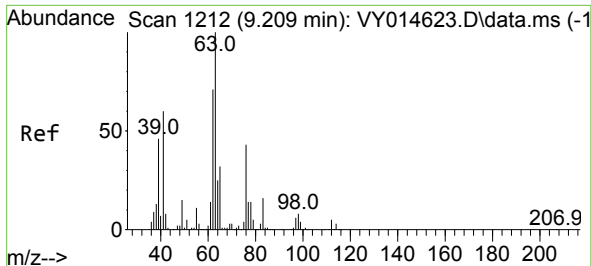
Tgt Ion: 43 Resp: 243602
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 53.934 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion:130 Resp: 142094
Ion Ratio Lower Upper
130 100
95 95.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.996 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

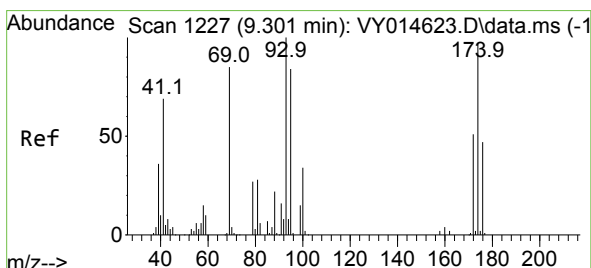
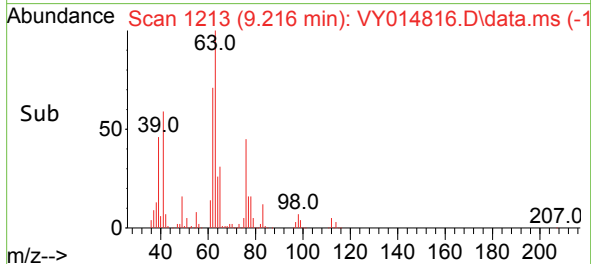
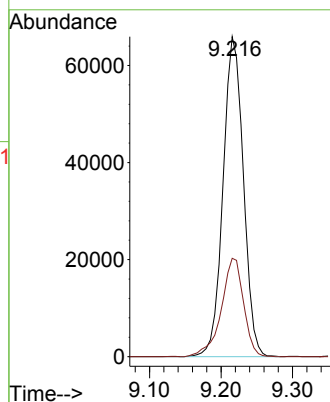
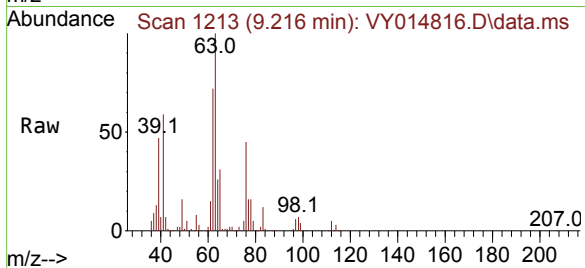
VSTDCCC050

Tgt Ion: 63 Resp: 130306

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 56.637 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

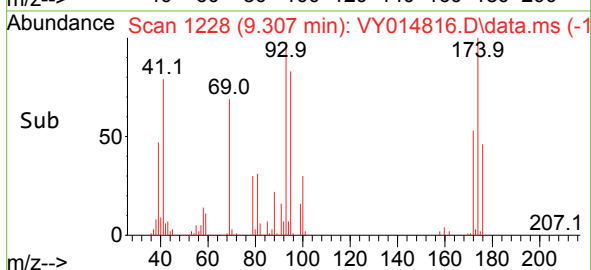
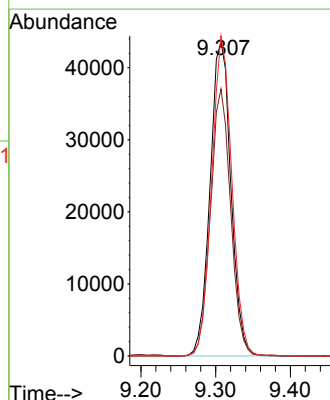
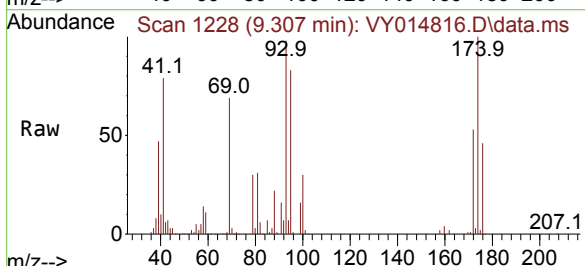
Tgt Ion: 93 Resp: 84482

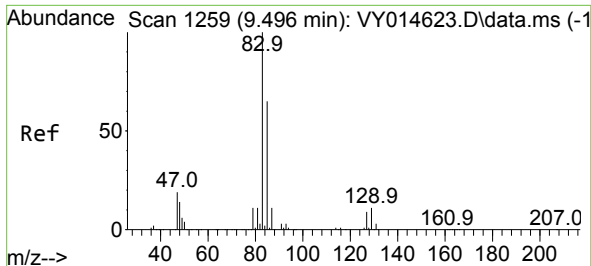
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 98.5 84.8 127.2

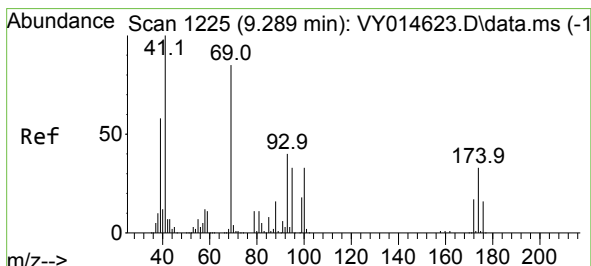
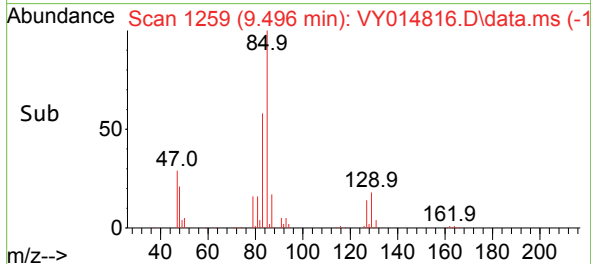
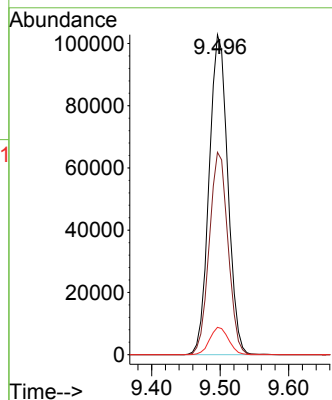
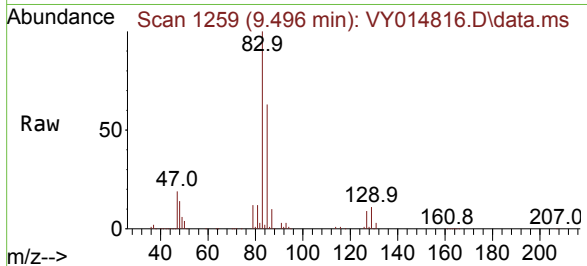




#47
Bromodichloromethane
Concen: 55.345 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

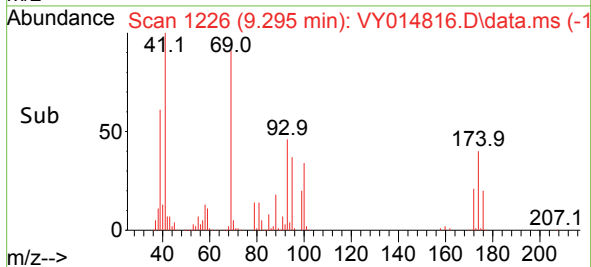
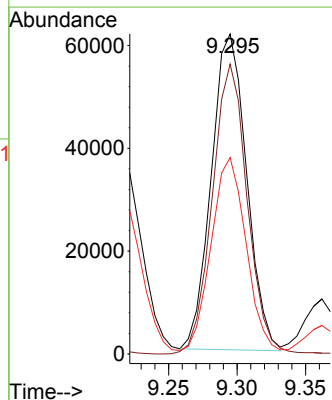
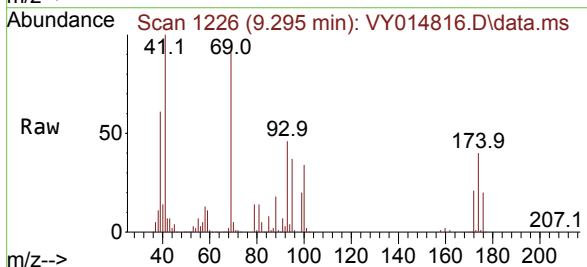
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

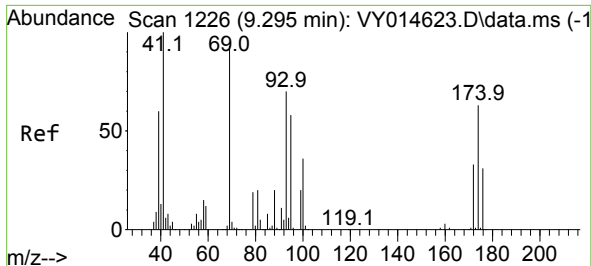
Tgt Ion: 83 Resp: 194574
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 56.353 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 41 Resp: 110109
Ion Ratio Lower Upper
41 100
69 91.0 64.5 96.7
39 62.1 50.8 76.2





#49

1,4-Dioxane

Concen: 1267.019 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

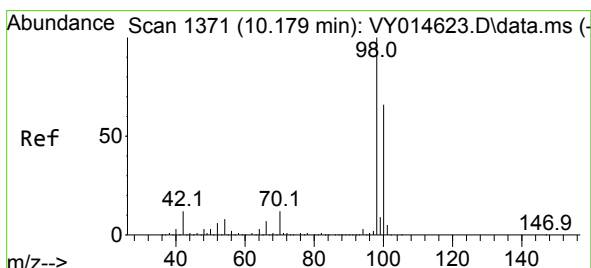
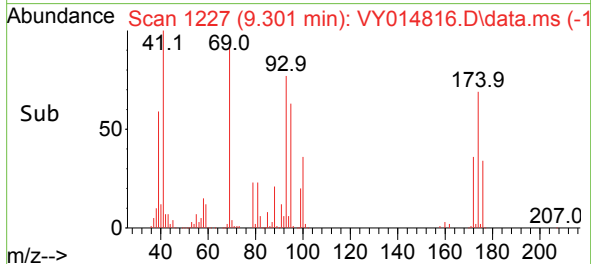
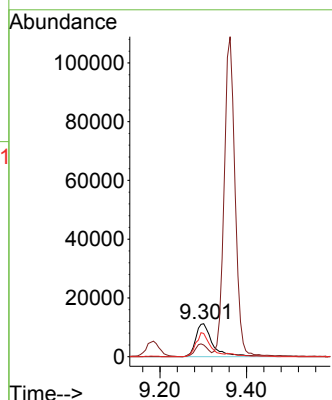
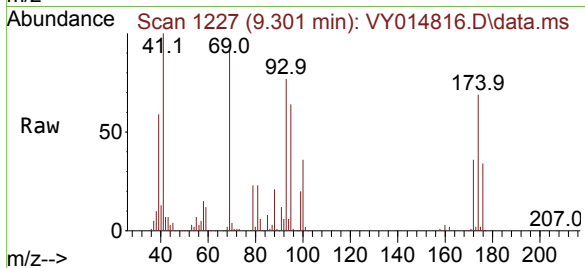
Tgt Ion: 88 Resp: 30817

Ion Ratio Lower Upper

88 100

43 28.7 0.0 0.0#

58 60.3 30.9 46.3#



#50

Toluene-d8

Concen: 50.546 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014816.D

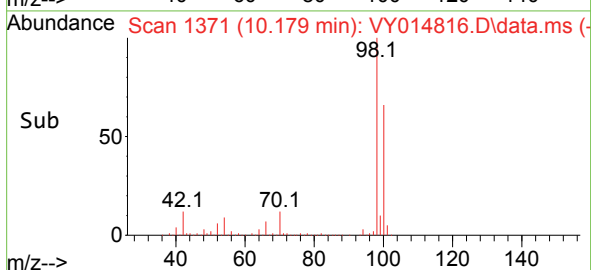
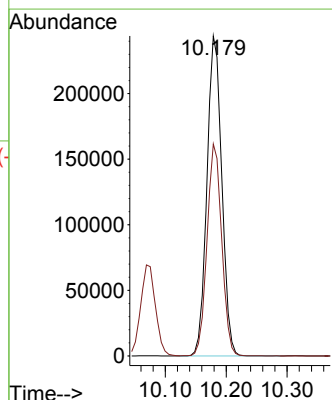
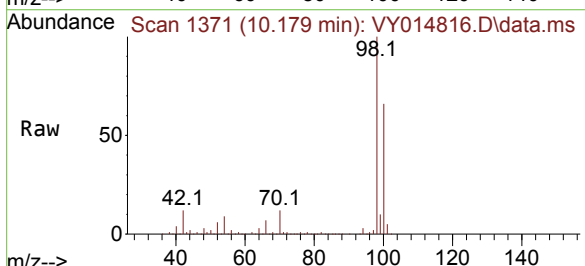
Acq: 25 Jul 2023 21:12

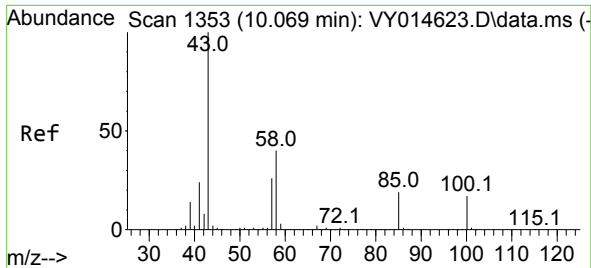
Tgt Ion: 98 Resp: 412572

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

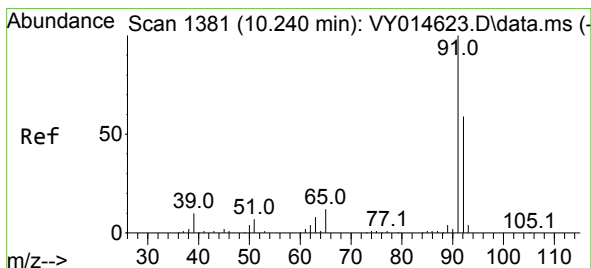
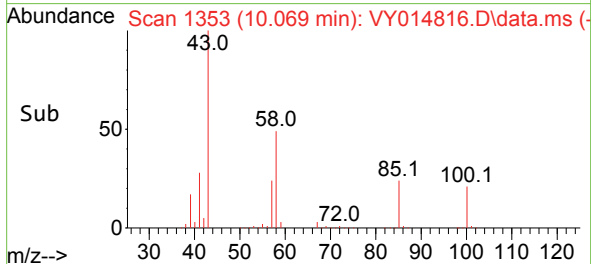
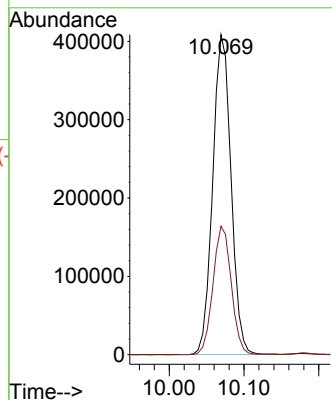
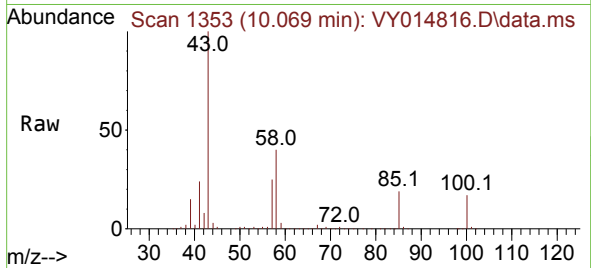




#51
4-Methyl-2-Pentanone
Concen: 304.973 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

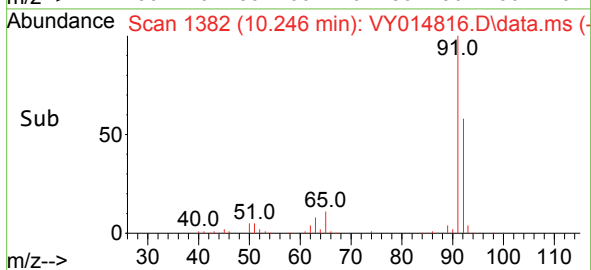
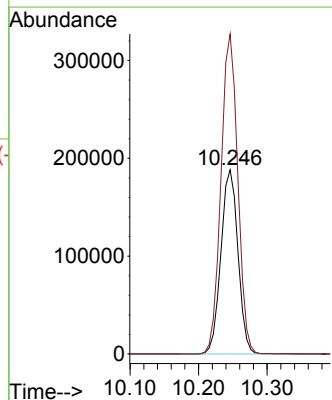
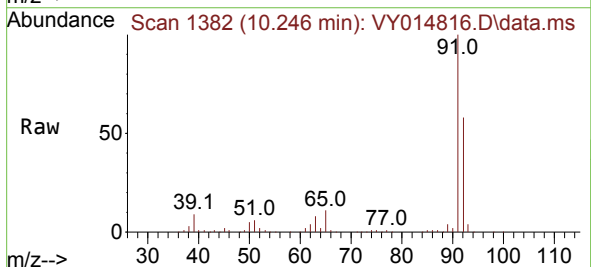
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

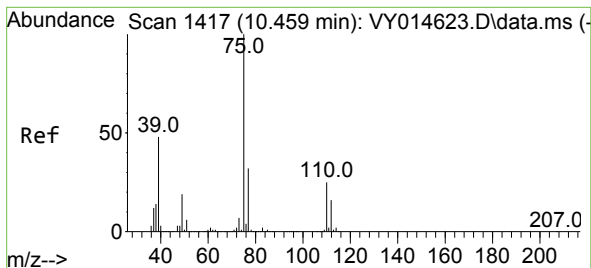
Tgt Ion: 43 Resp: 695307
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6



#52
Toluene
Concen: 53.598 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 92 Resp: 322951
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

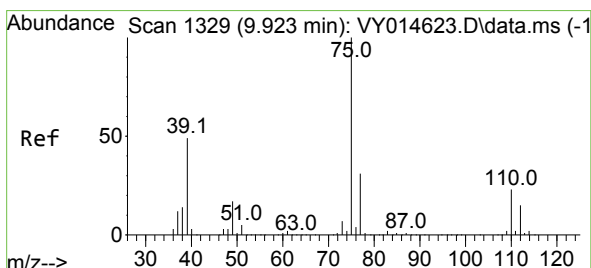
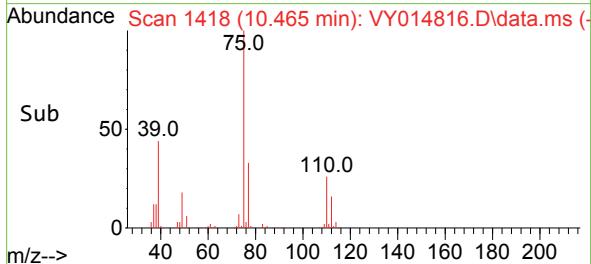
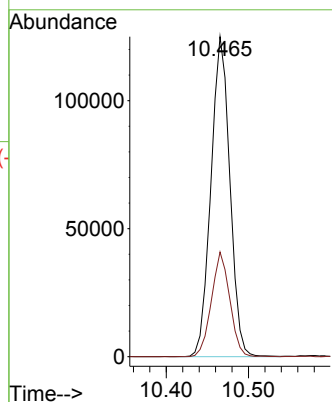
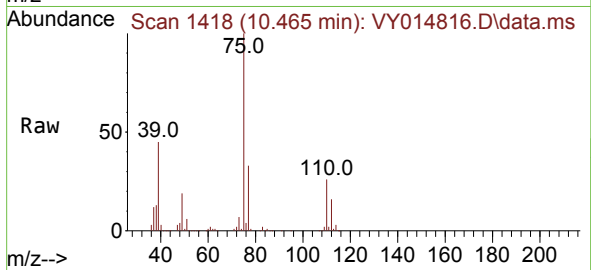




#53
 t-1,3-Dichloropropene
 Concen: 52.079 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014816.D
 Acq: 25 Jul 2023 21:12

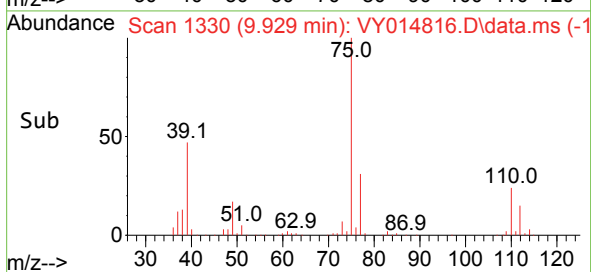
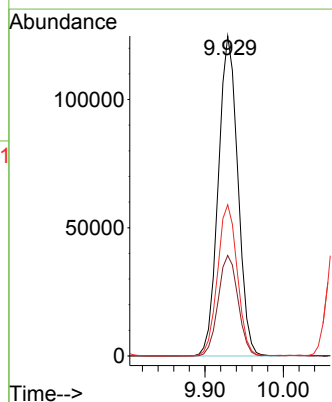
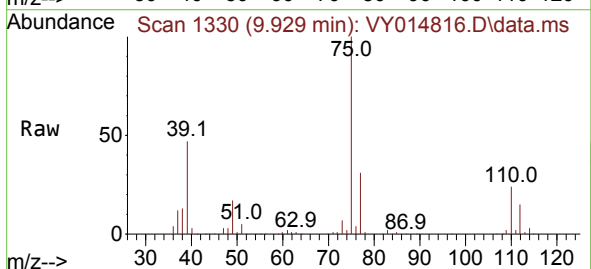
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

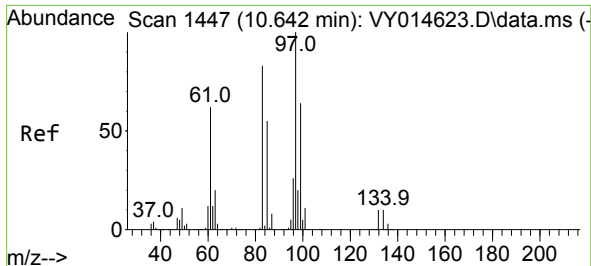
Tgt Ion: 75 Resp: 200272
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.795 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014816.D
 Acq: 25 Jul 2023 21:12

Tgt Ion: 75 Resp: 216601
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4
 39 47.2 42.2 63.4

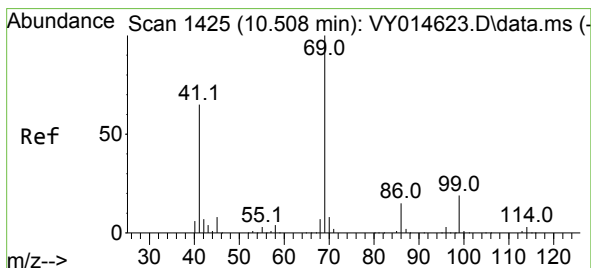
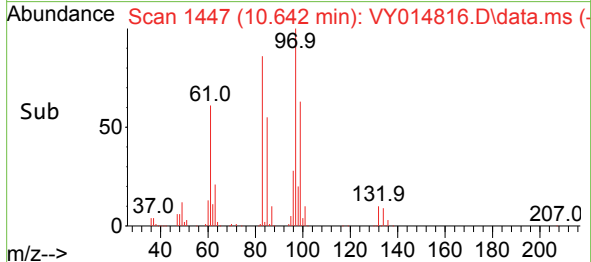
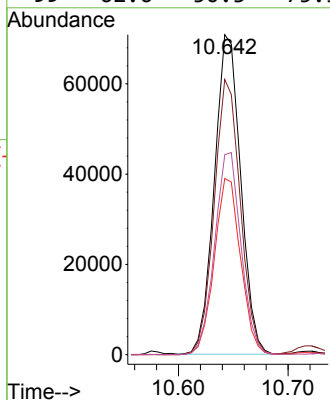
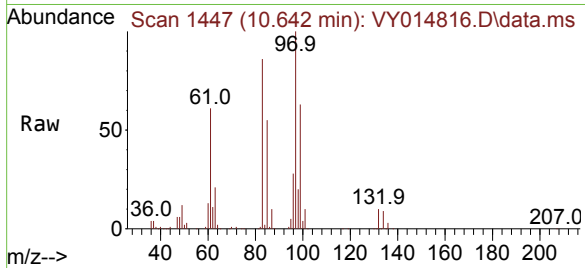




#55
1,1,2-Trichloroethane
Concen: 56.773 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

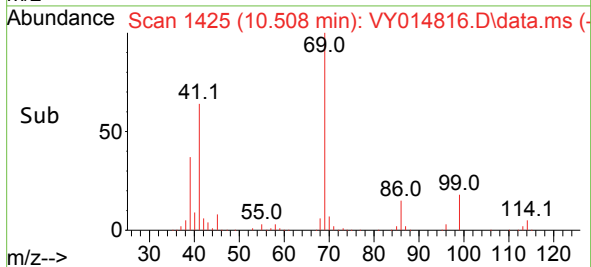
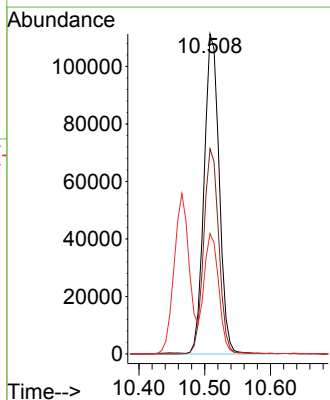
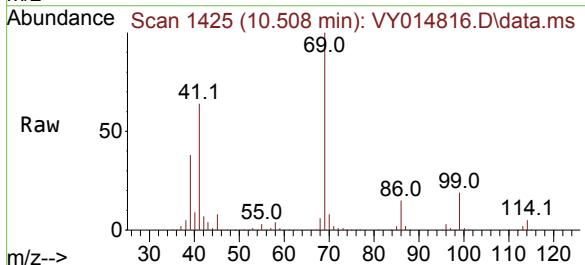
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

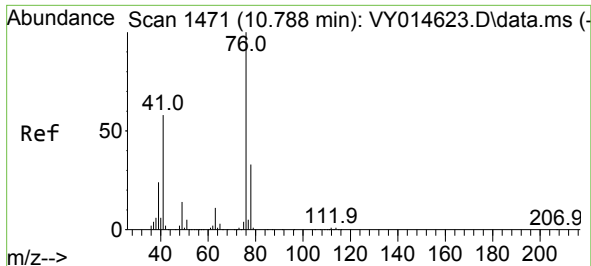
Tgt Ion:	97	Resp:	117963
Ion	Ratio	Lower	Upper
97	100		
83	86.1	72.0	108.0
85	55.2	45.4	68.0
99	62.6	50.3	75.5



#56
Ethyl methacrylate
Concen: 56.089 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion:	69	Resp:	177939
Ion	Ratio	Lower	Upper
69	100		
41	63.9	57.6	86.4
39	36.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 56.064 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

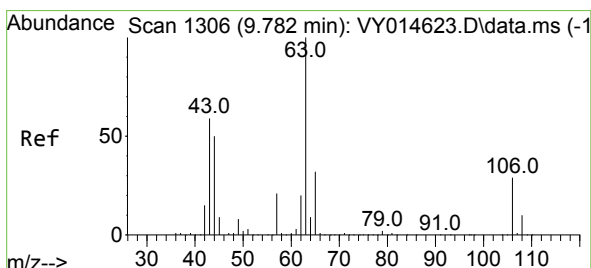
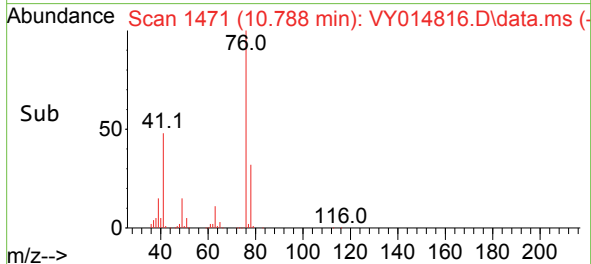
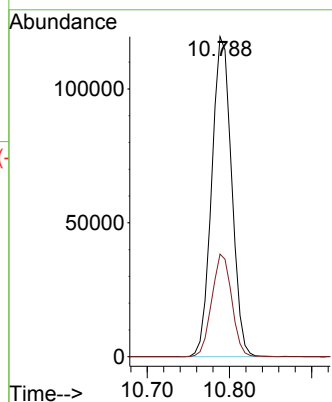
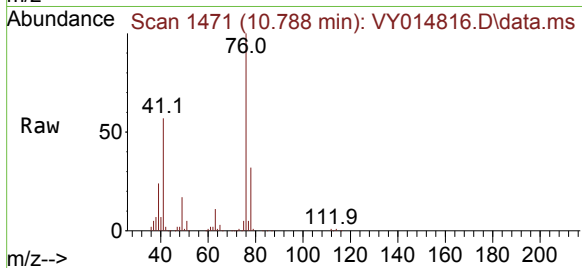
VSTDCCC050

Tgt Ion: 76 Resp: 200920

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 271.682 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014816.D

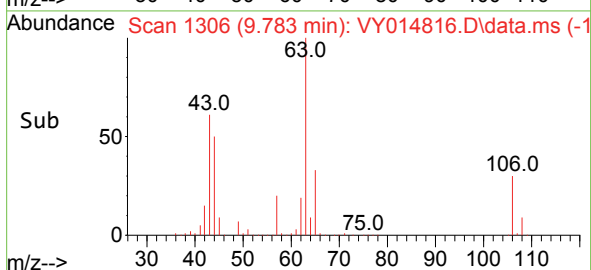
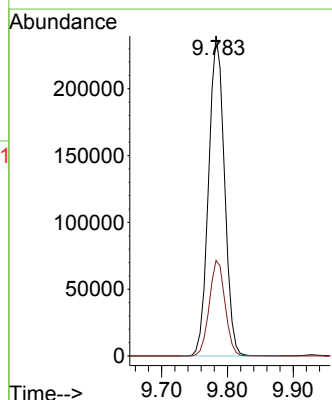
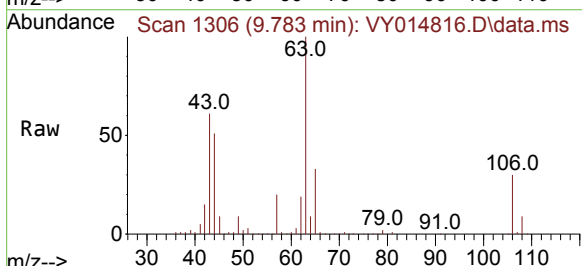
Acq: 25 Jul 2023 21:12

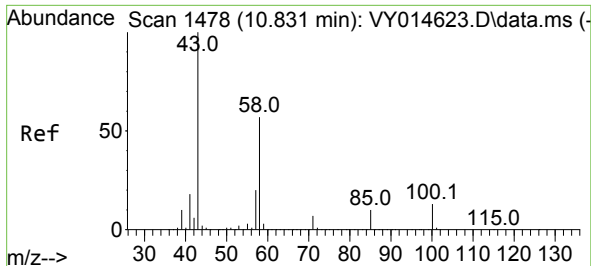
Tgt Ion: 63 Resp: 401596

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8

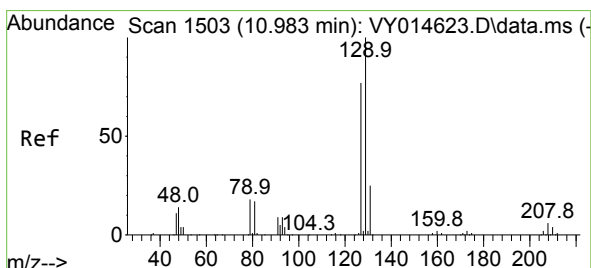
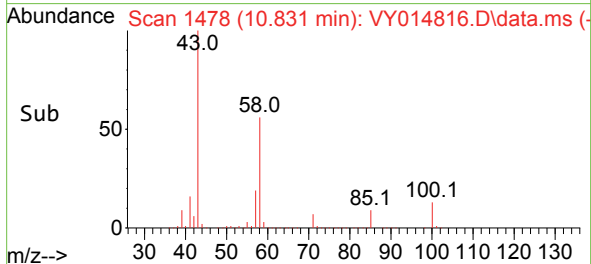
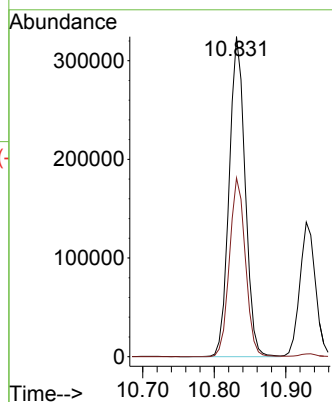
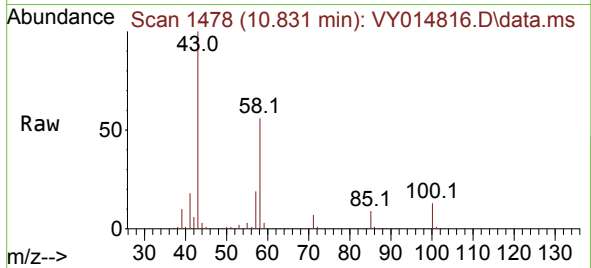




#59
2-Hexanone
Concen: 302.444 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

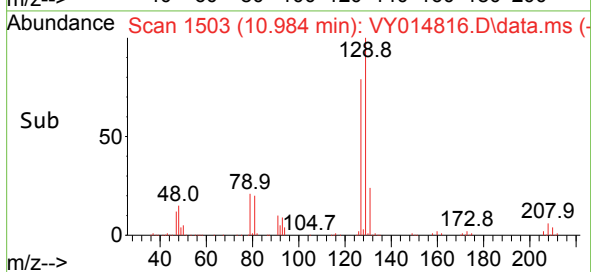
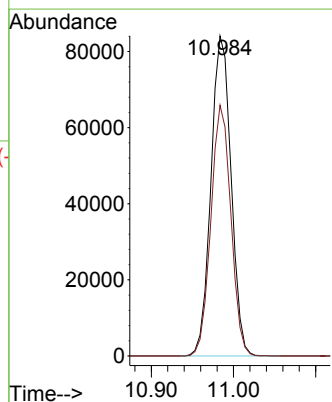
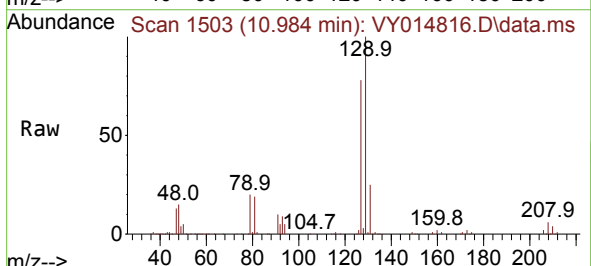
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

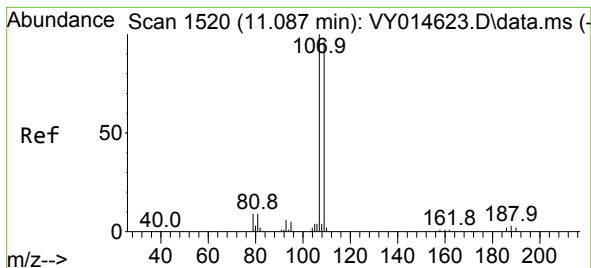
Tgt Ion: 43 Resp: 502851
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3



#60
Dibromochloromethane
Concen: 56.086 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 129 Resp: 142881
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

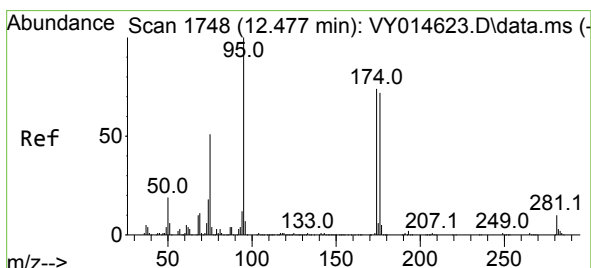
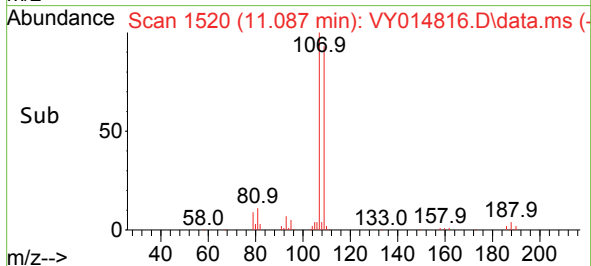
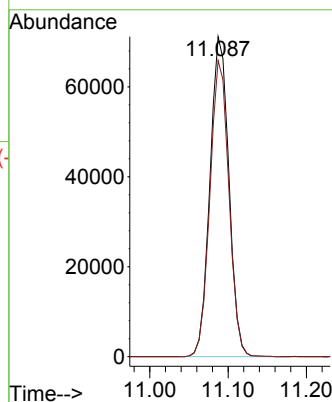
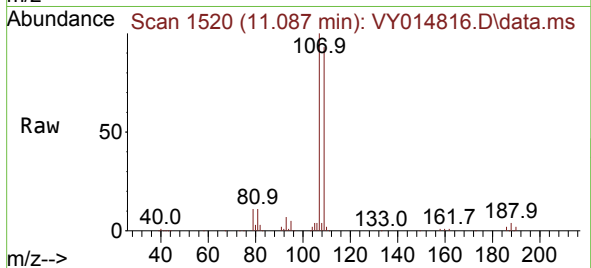




#61
1,2-Dibromoethane
Concen: 57.430 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

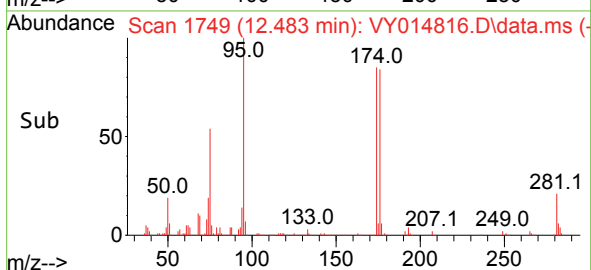
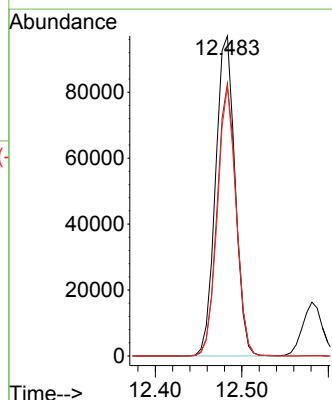
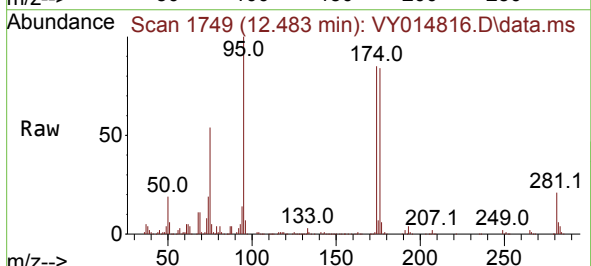
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

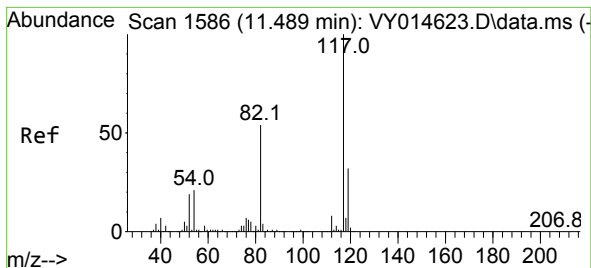
Tgt Ion:107 Resp: 119041
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.460 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 95 Resp: 151666
Ion Ratio Lower Upper
95 100
174 83.1 0.0 178.2
176 80.3 0.0 173.8

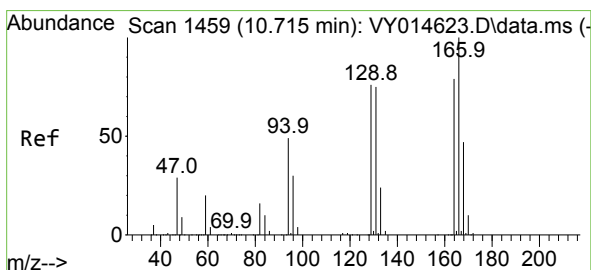
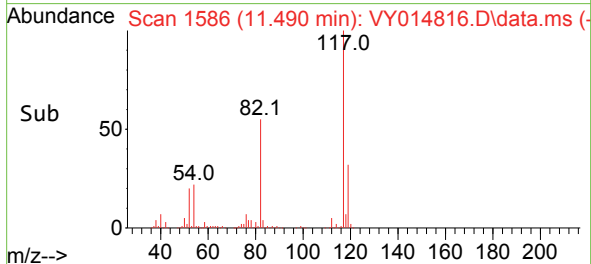
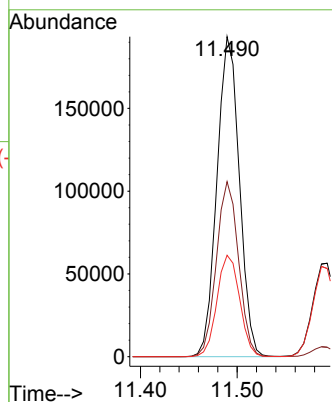
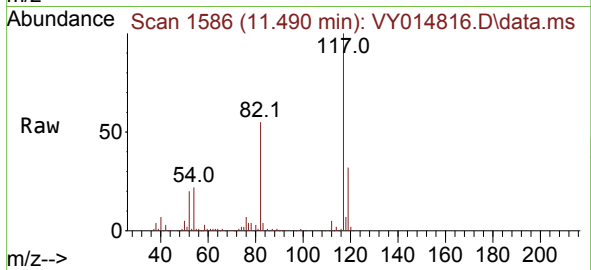




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

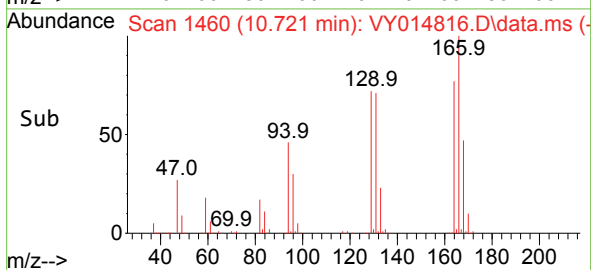
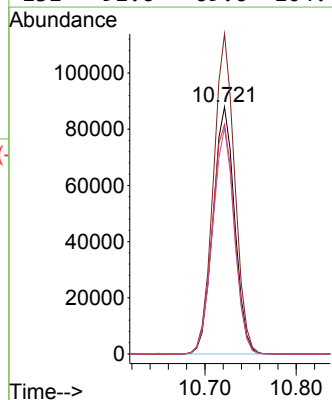
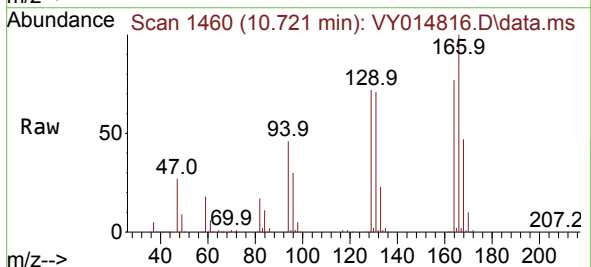
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

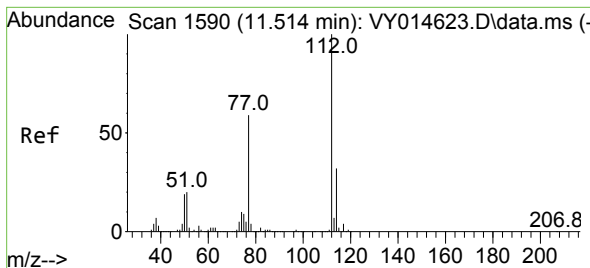
Tgt Ion:117 Resp: 310305
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.7 26.3 39.5



#64
Tetrachloroethene
Concen: 57.728 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion:164 Resp: 144070
Ion Ratio Lower Upper
164 100
166 129.5 103.0 154.6
129 92.9 77.2 115.8
131 91.6 69.6 104.4

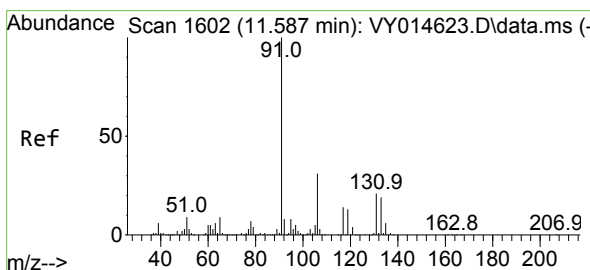
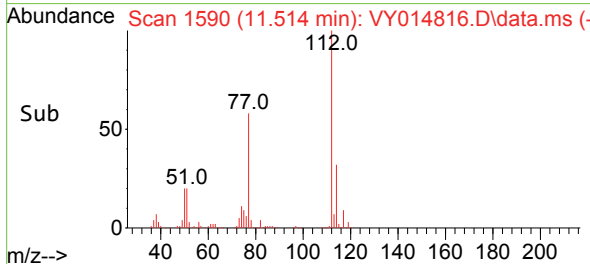
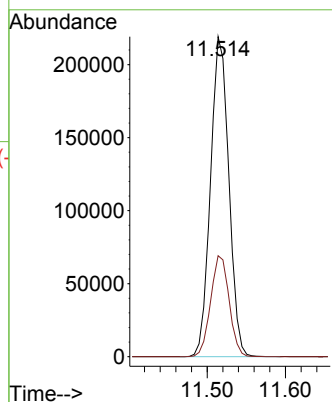
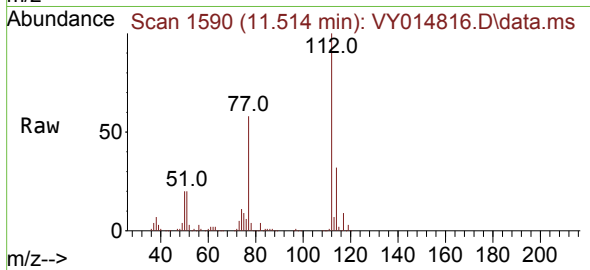




#65
Chlorobenzene
Concen: 53.746 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

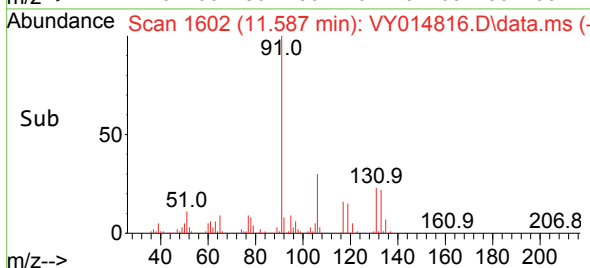
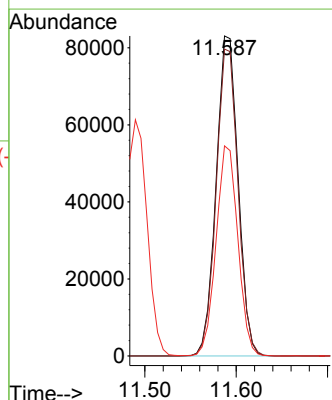
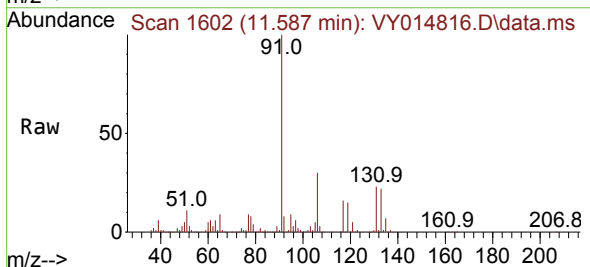
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

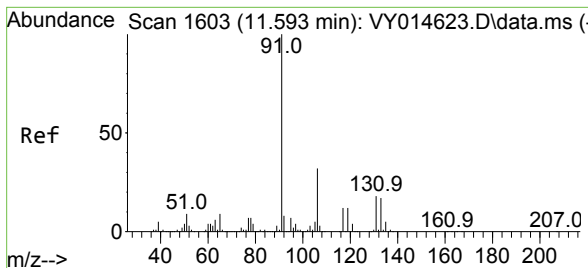
Tgt Ion:112 Resp: 355393
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.685 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion:131 Resp: 138833
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 65.3 31.6 94.7





#67

Ethyl Benzene

Concen: 52.950 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

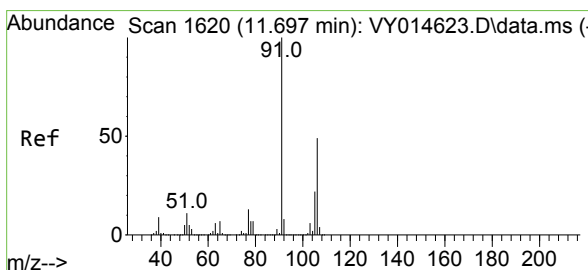
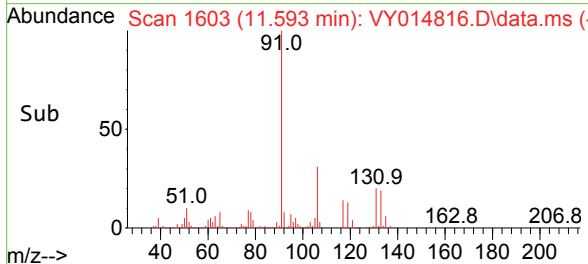
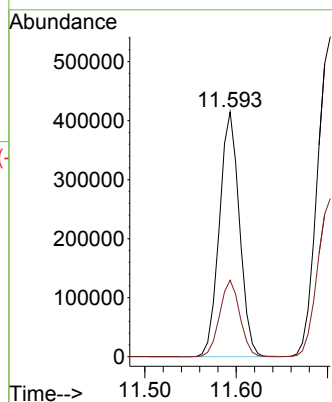
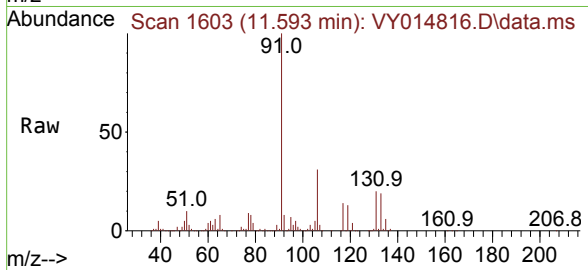
VSTDCCC050

Tgt Ion: 91 Resp: 632162

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 105.989 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY014816.D

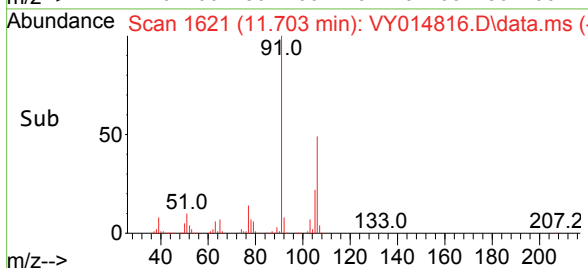
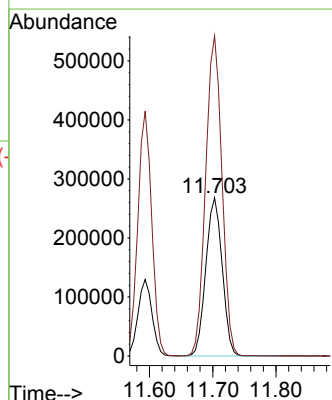
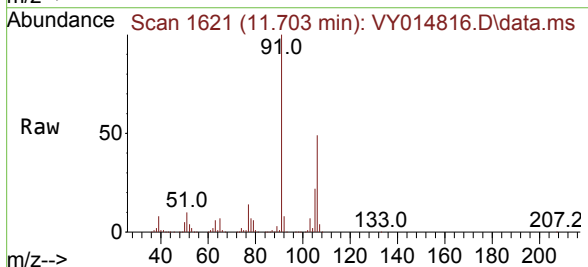
Acq: 25 Jul 2023 21:12

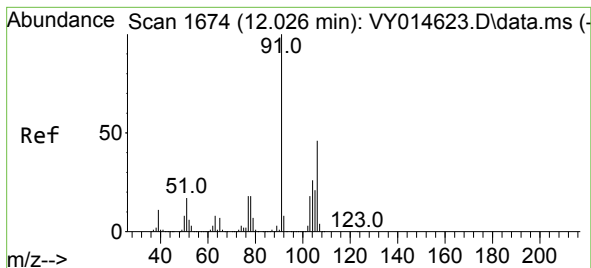
Tgt Ion:106 Resp: 483034

Ion Ratio Lower Upper

106 100

91 201.8 166.1 249.1





#69

o-Xylene

Concen: 53.189 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

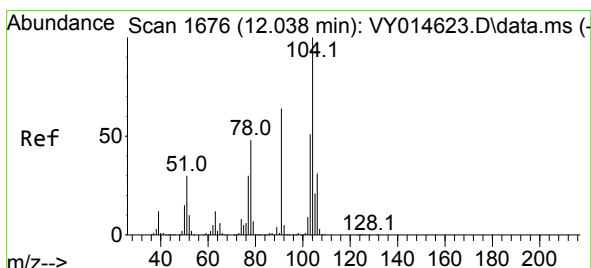
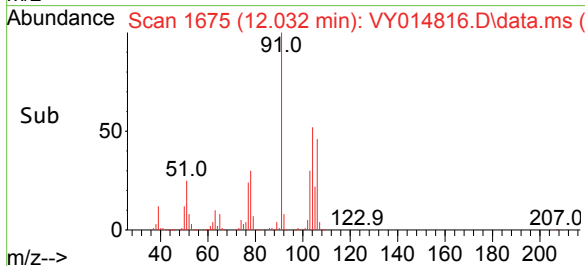
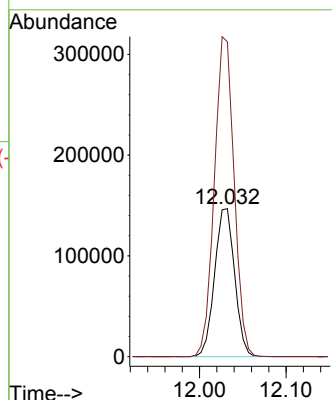
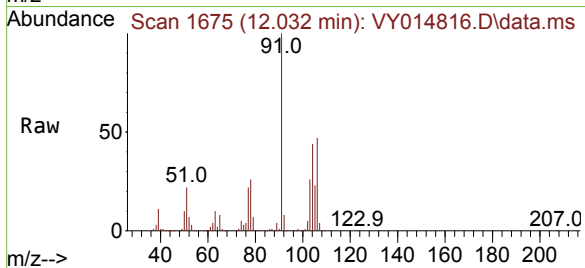
VSTDCCC050

Tgt Ion:106 Resp: 236102

Ion Ratio Lower Upper

106 100

91 213.7 108.1 324.3



#70

Styrene

Concen: 54.317 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

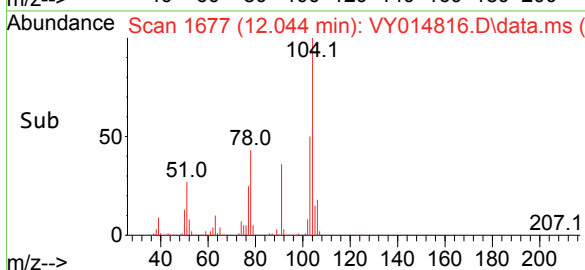
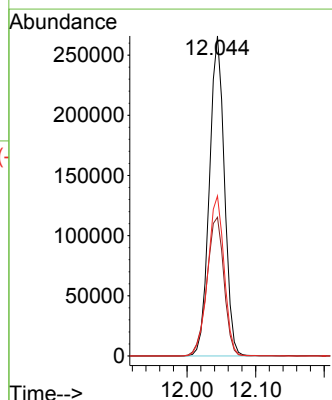
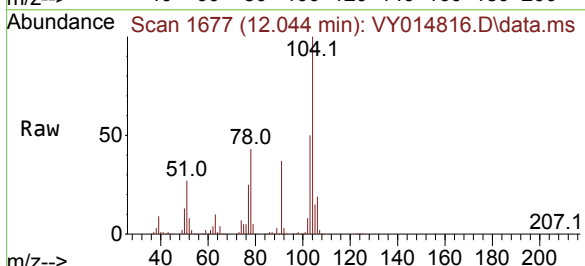
Tgt Ion:104 Resp: 406371

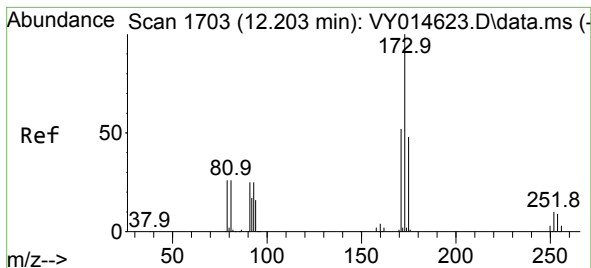
Ion Ratio Lower Upper

104 100

78 49.3 41.5 62.3

103 54.3 44.6 67.0





#71

Bromoform

Concen: 57.815 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

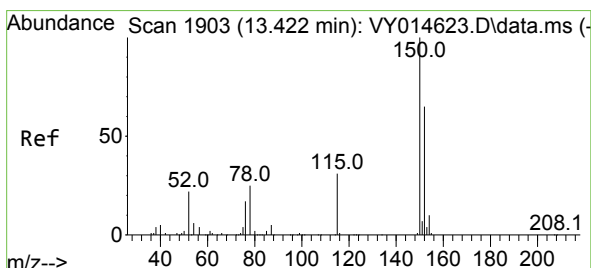
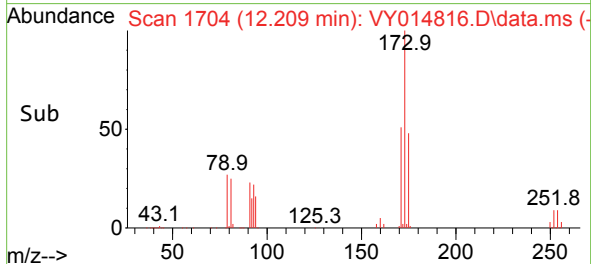
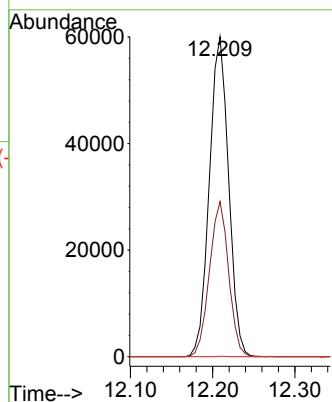
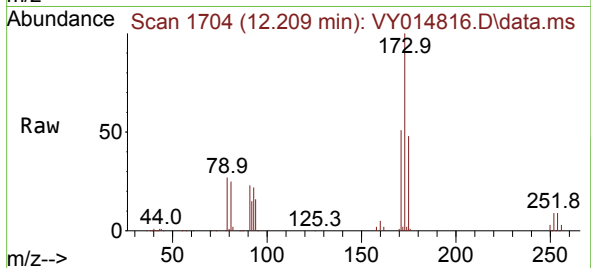
Tgt Ion:173 Resp: 97706

Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.8

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: VY014816.D

Acq: 25 Jul 2023 21:12

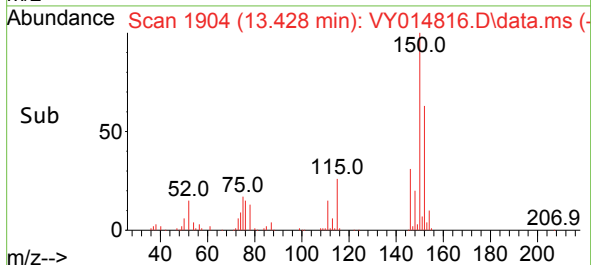
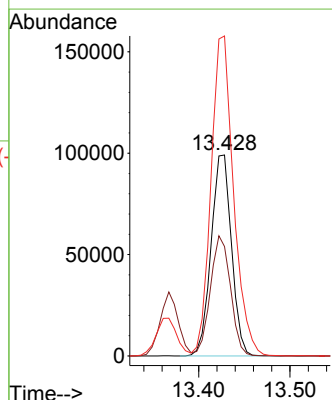
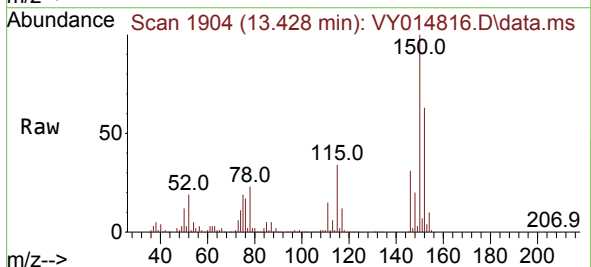
Tgt Ion:152 Resp: 153792

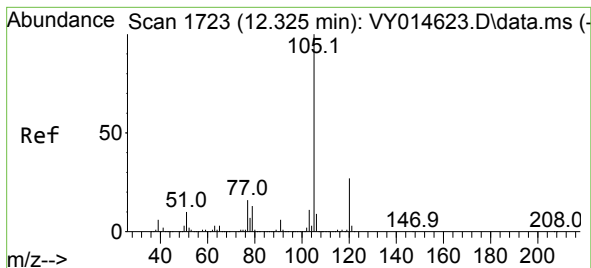
Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 175.7 0.0 348.8





#73

Isopropylbenzene

Concen: 51.911 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

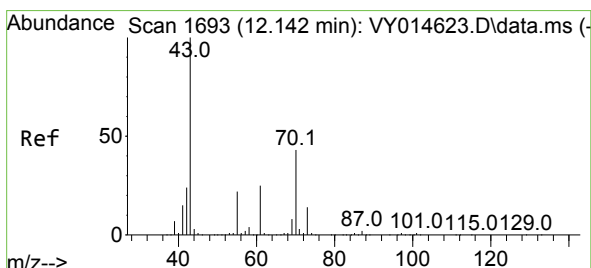
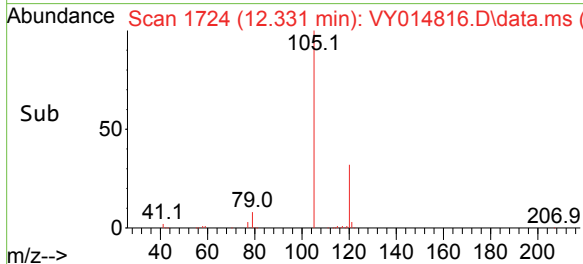
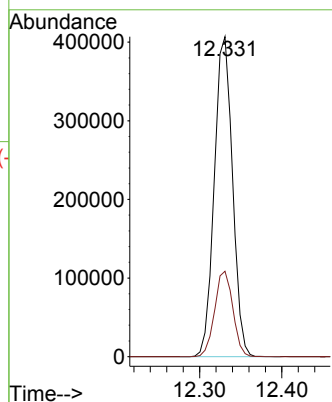
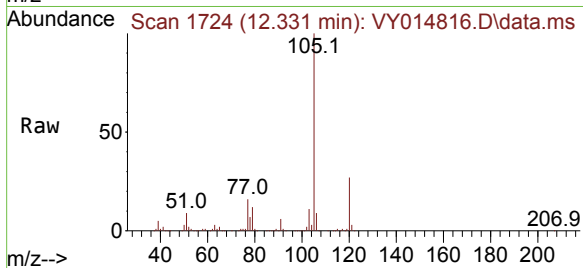
VSTDCCC050

Tgt Ion:105 Resp: 625107

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 52.780 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Tgt Ion: 43 Resp: 212868

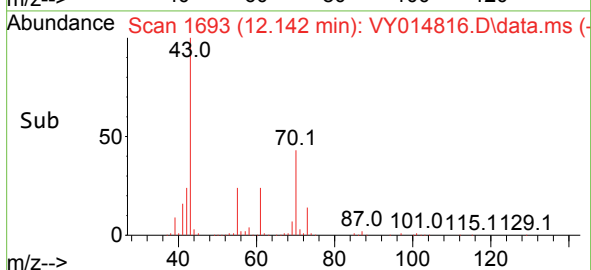
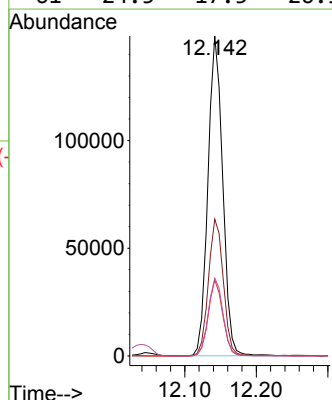
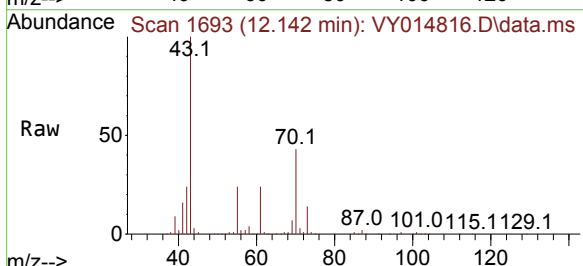
Ion Ratio Lower Upper

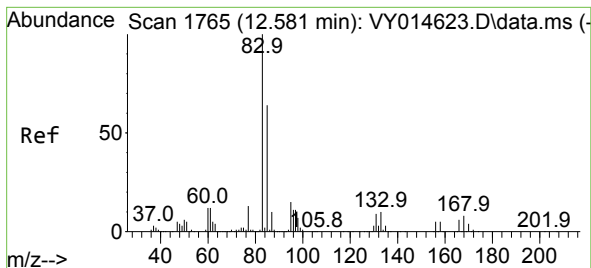
43 100

70 43.1 29.7 44.5

55 23.4 18.3 27.5

61 24.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 55.165 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

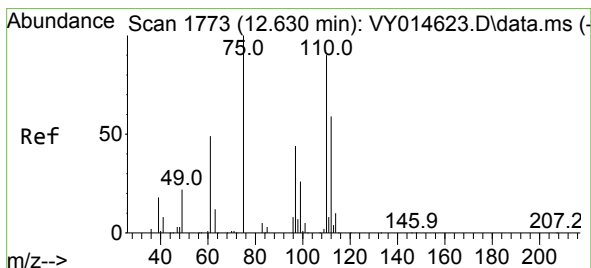
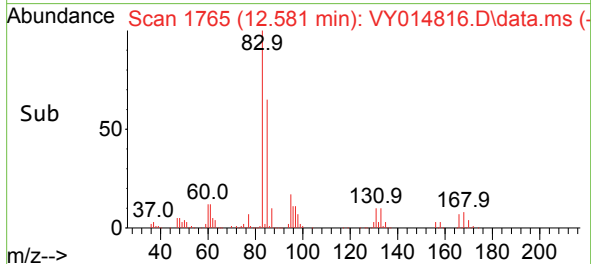
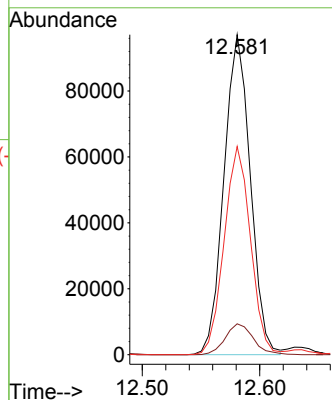
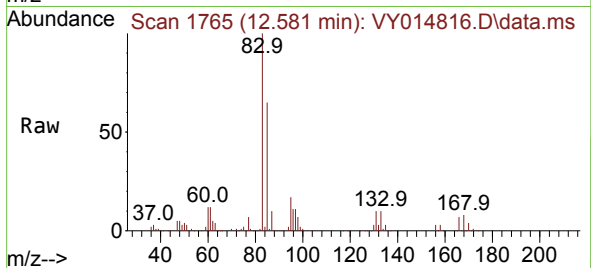
Tgt Ion: 83 Resp: 151488

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 65.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 102.803 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY014816.D

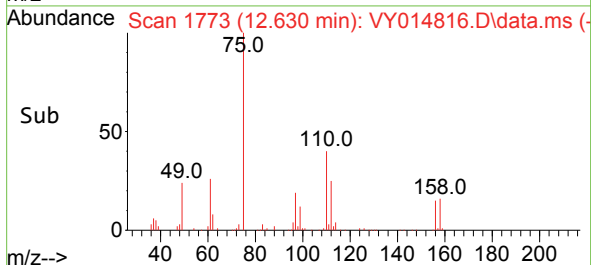
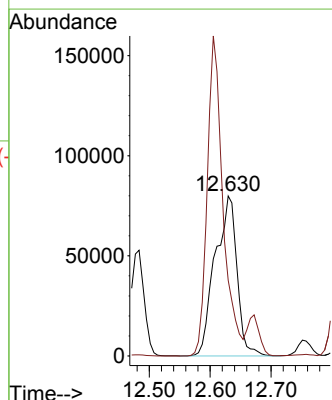
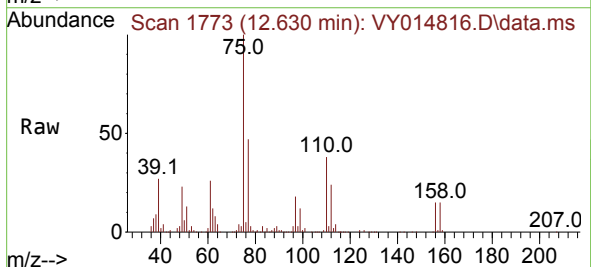
Acq: 25 Jul 2023 21:12

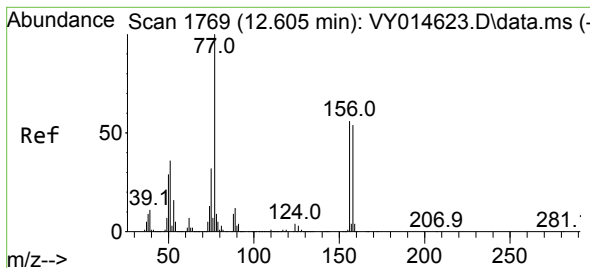
Tgt Ion: 75 Resp: 199680

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.810 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

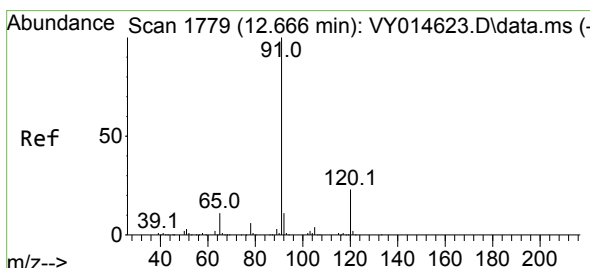
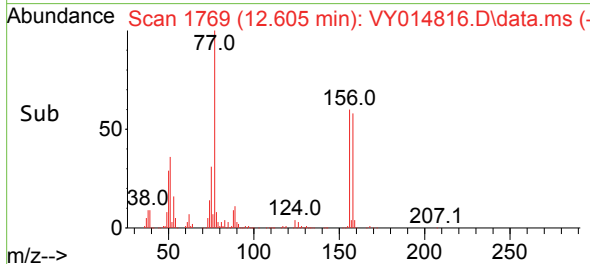
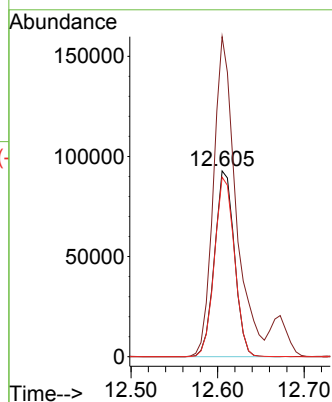
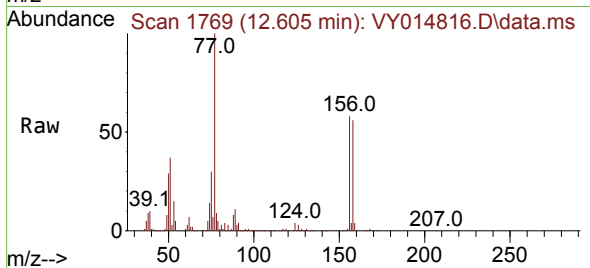
Tgt Ion:156 Resp: 147912

Ion Ratio Lower Upper

156 100

77 194.3 92.8 278.6

158 97.5 48.4 145.3



#78

n-propylbenzene

Concen: 51.513 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014816.D

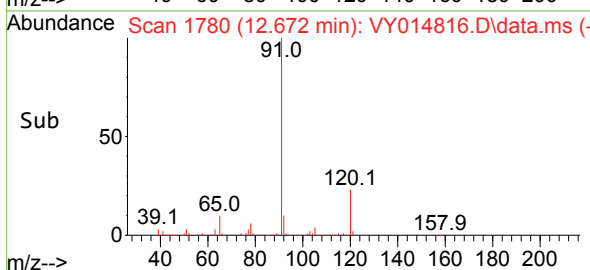
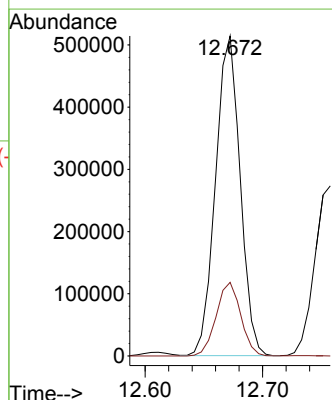
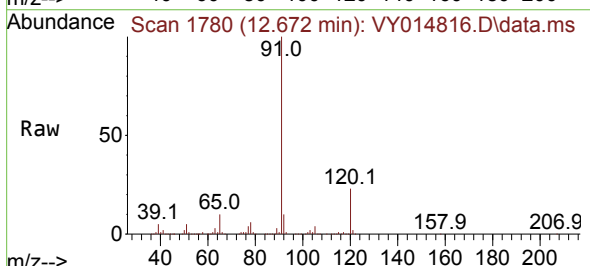
Acq: 25 Jul 2023 21:12

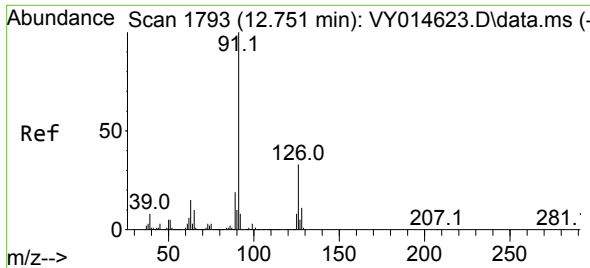
Tgt Ion: 91 Resp: 747484

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

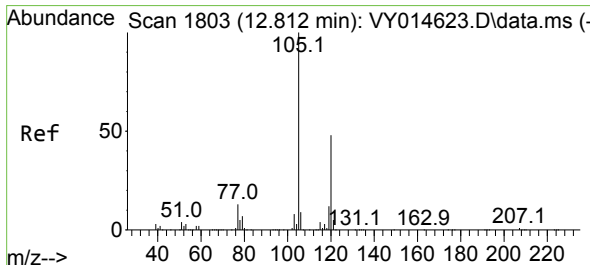
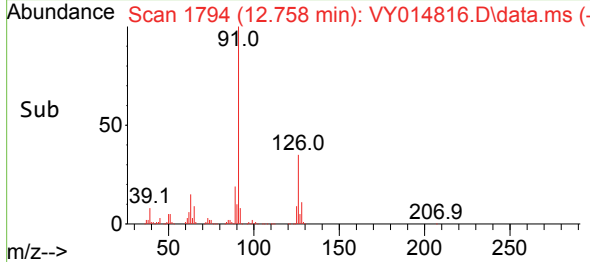
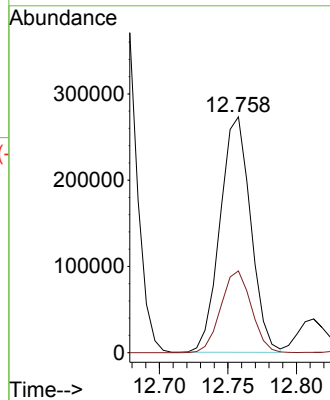
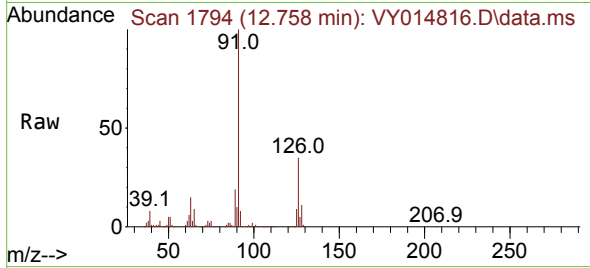




#79
2-Chlorotoluene
Concen: 50.845 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.007 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

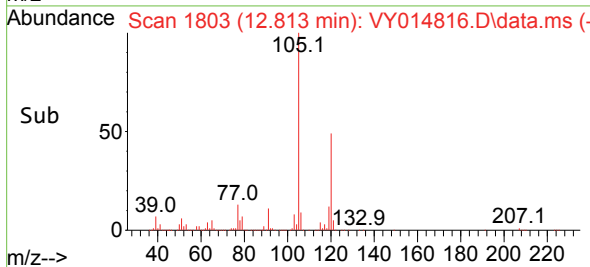
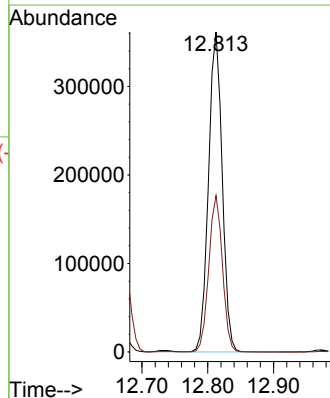
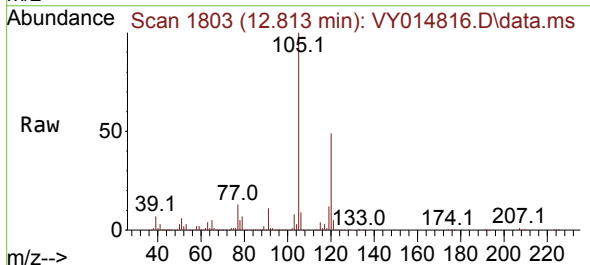
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

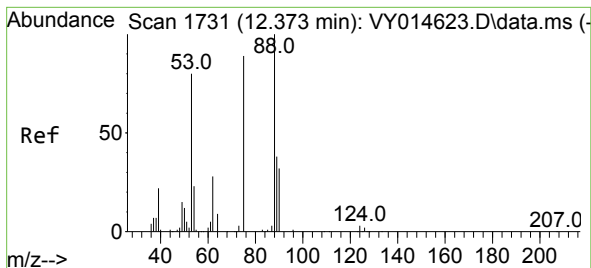
Tgt Ion: 91 Resp: 424957
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.110 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 105 Resp: 524056
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.7

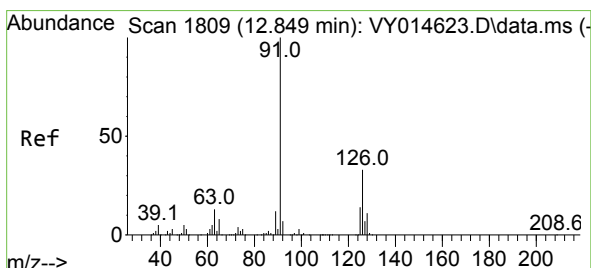
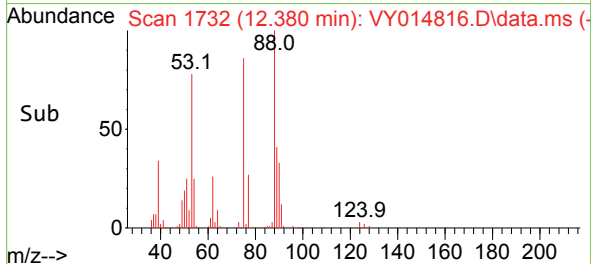
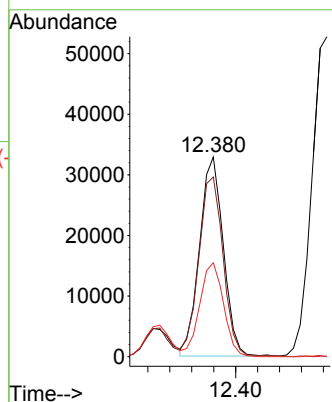
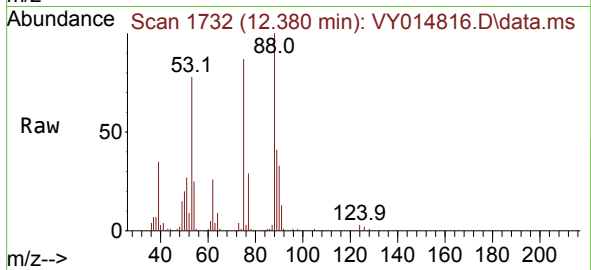




#81
trans-1,4-Dichloro-2-butene
Concen: 49.286 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.007 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

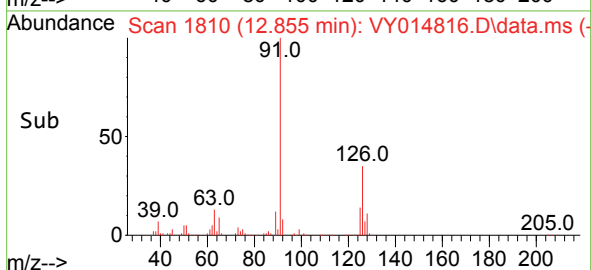
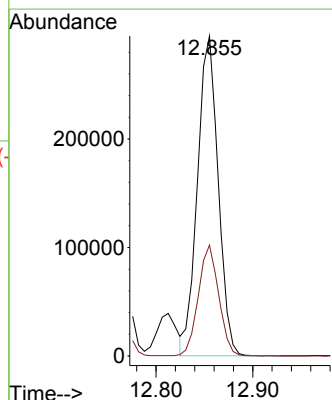
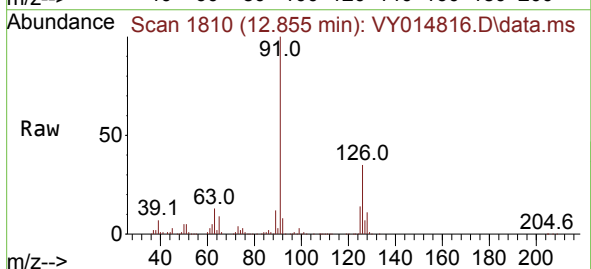
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

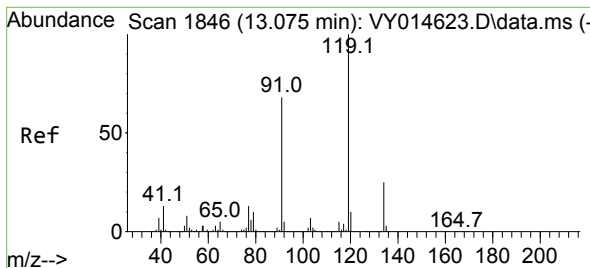
Tgt Ion: 75 Resp: 49443
Ion Ratio Lower Upper
75 100
53 93.0 77.8 116.8
89 47.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.981 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 91 Resp: 438834
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.356 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

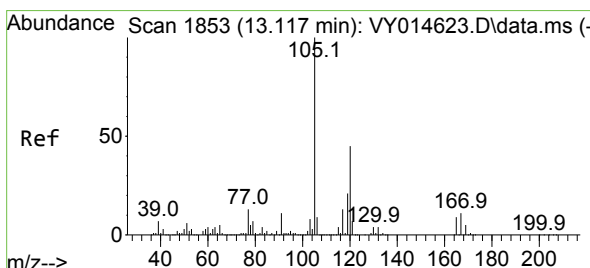
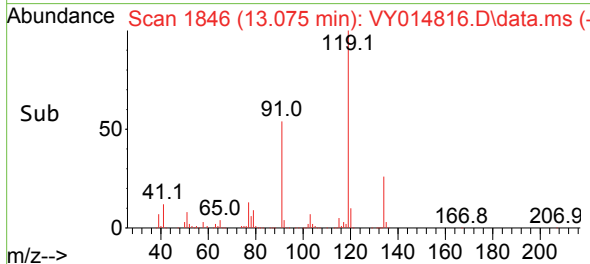
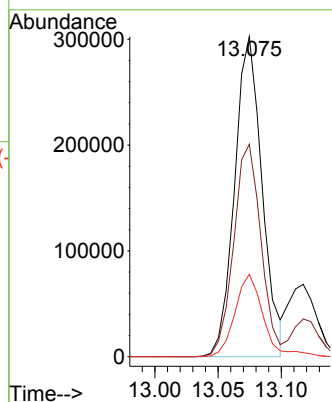
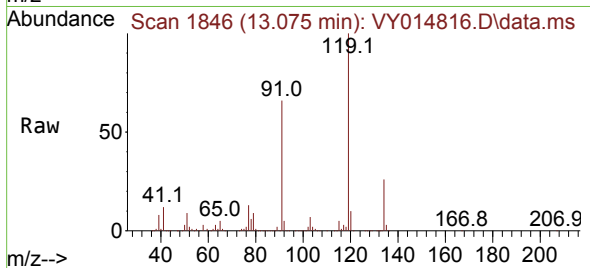
Tgt Ion:119 Resp: 458149

Ion Ratio Lower Upper

119 100

91 65.8 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.301 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014816.D

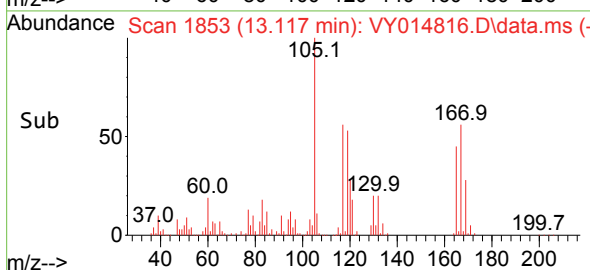
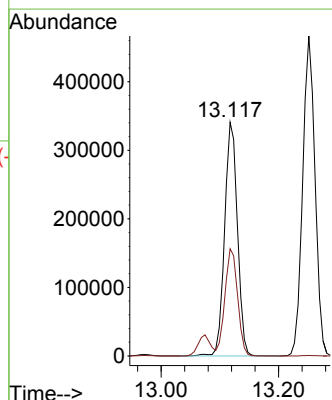
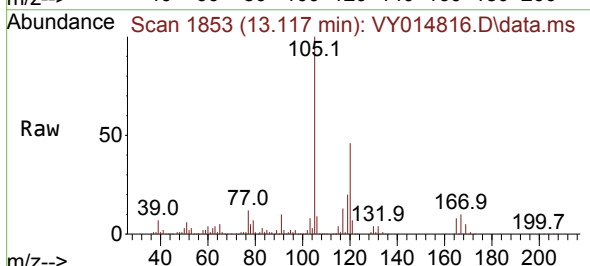
Acq: 25 Jul 2023 21:12

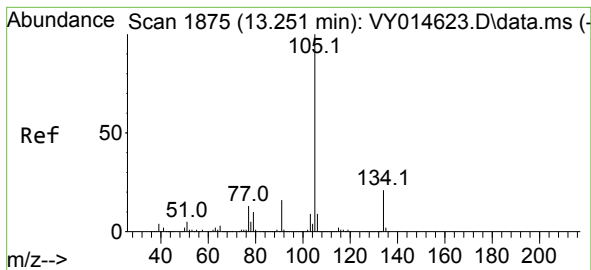
Tgt Ion:105 Resp: 516190

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.998 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

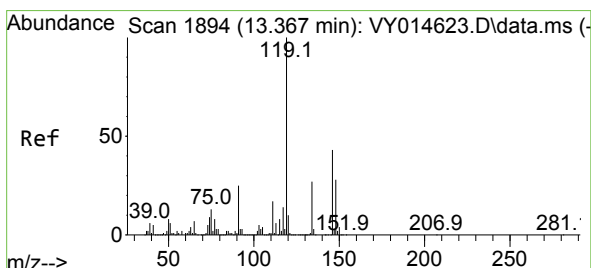
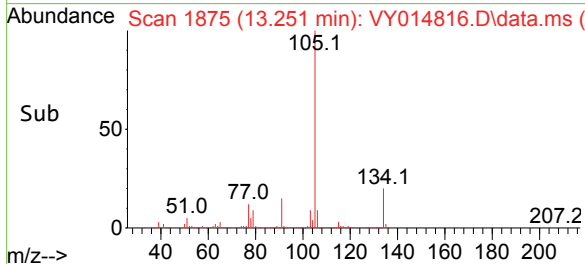
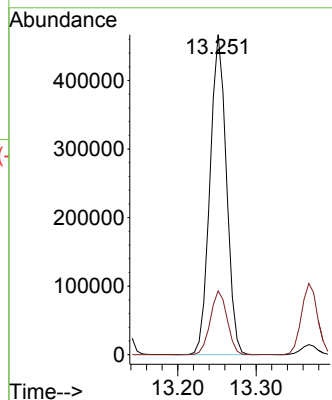
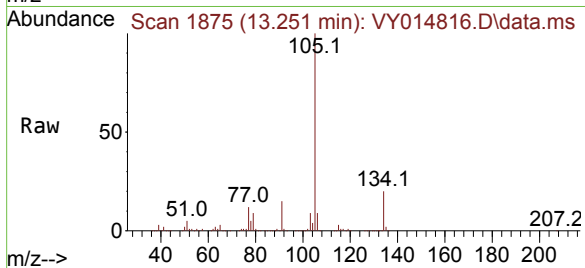
VSTDCCC050

Tgt Ion:105 Resp: 680470

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.827 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

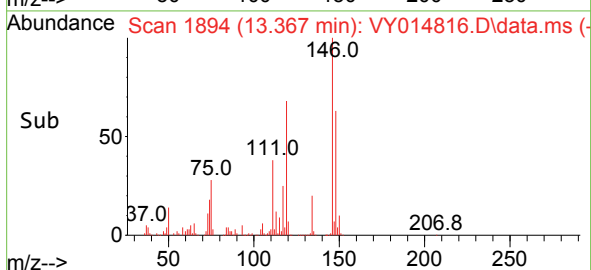
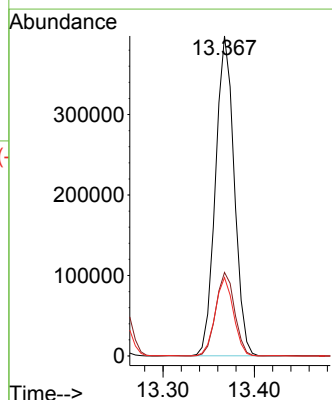
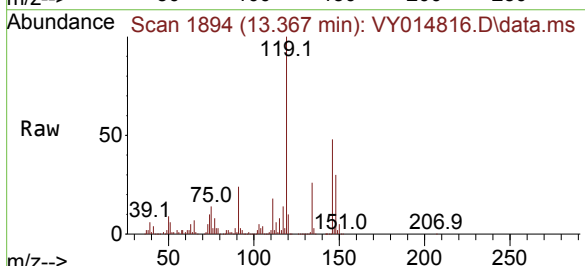
Tgt Ion:119 Resp: 564449

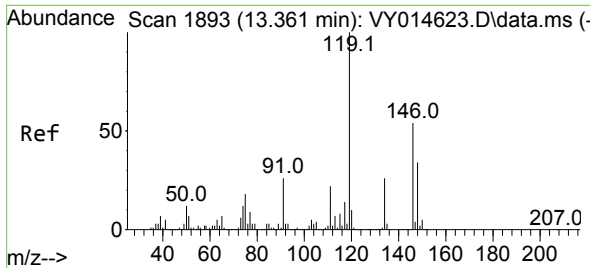
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.9 12.4 37.4

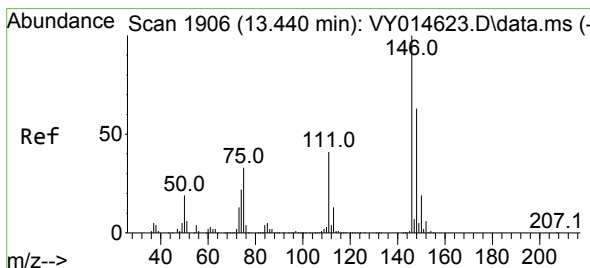
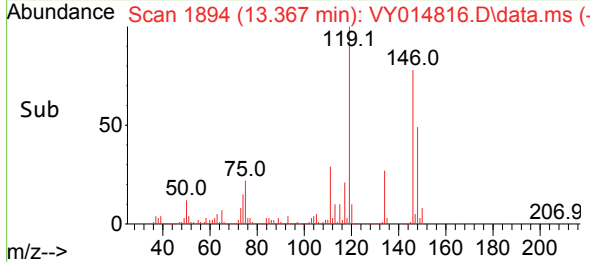
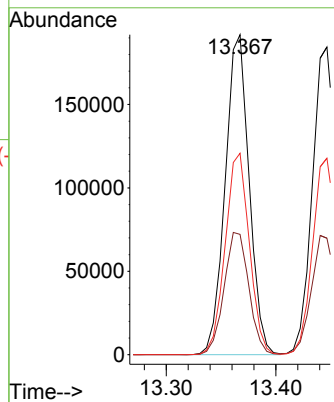
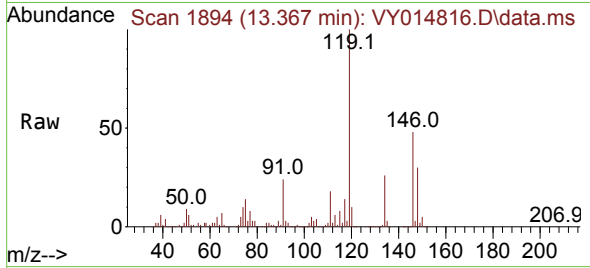




#87
1,3-Dichlorobenzene
Concen: 54.391 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

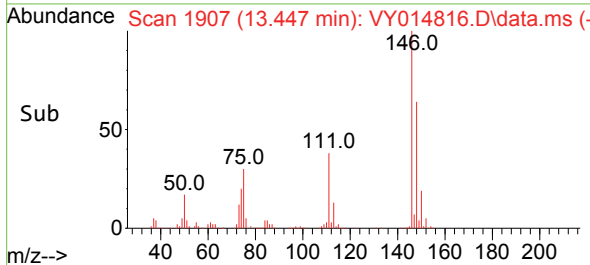
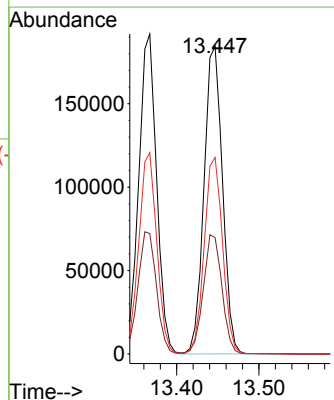
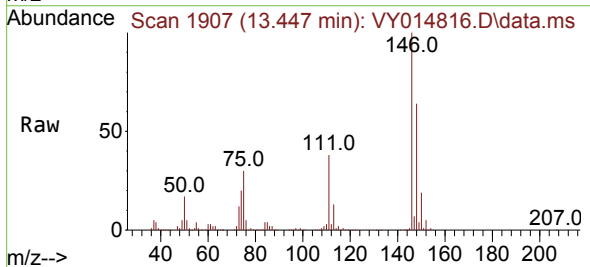
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

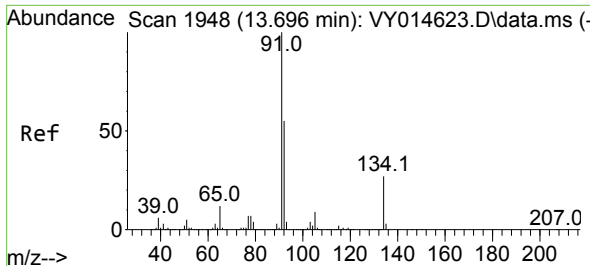
Tgt Ion:146 Resp: 290985
Ion Ratio Lower Upper
146 100
111 39.6 19.4 58.2
148 63.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 53.683 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.007 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion:146 Resp: 287792
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.7
148 63.7 32.1 96.5

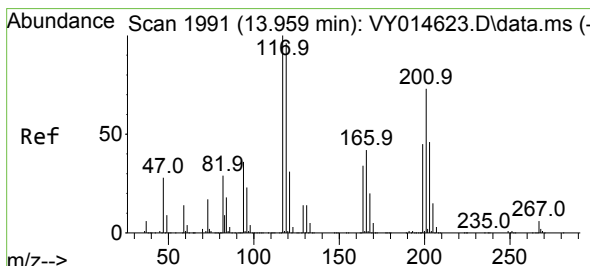
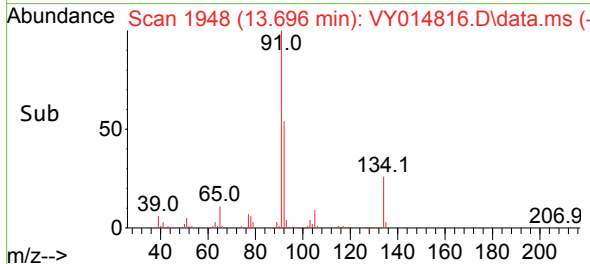
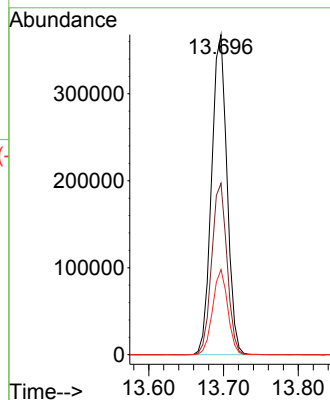
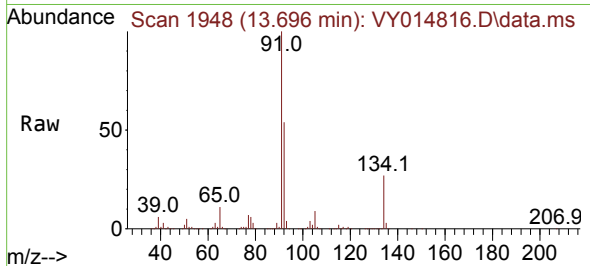




#89
n-Butylbenzene
Concen: 50.876 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

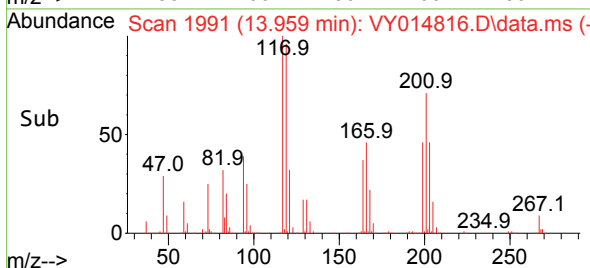
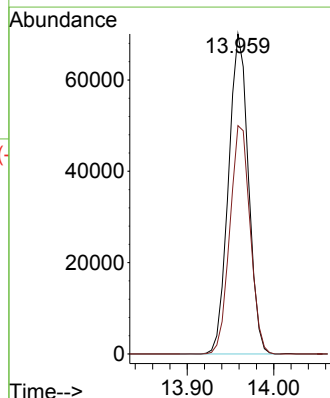
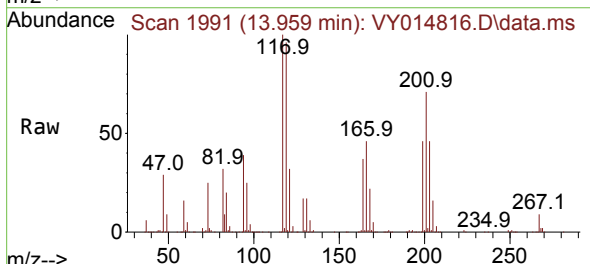
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

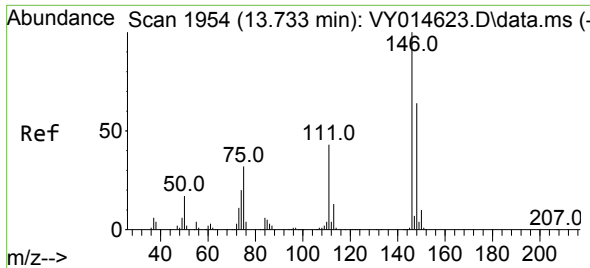
Tgt Ion: 91 Resp: 528870
Ion Ratio Lower Upper
91 100
92 53.3 25.4 76.0
134 26.0 12.6 37.6



#90
Hexachloroethane
Concen: 50.952 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 117 Resp: 111821
Ion Ratio Lower Upper
117 100
201 72.8 41.6 124.8

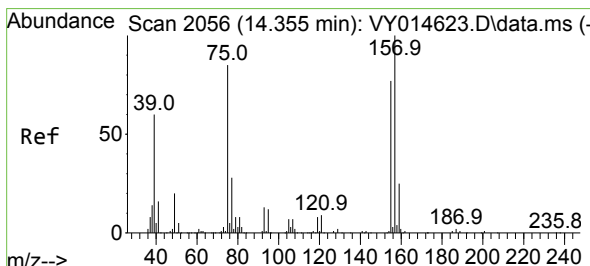
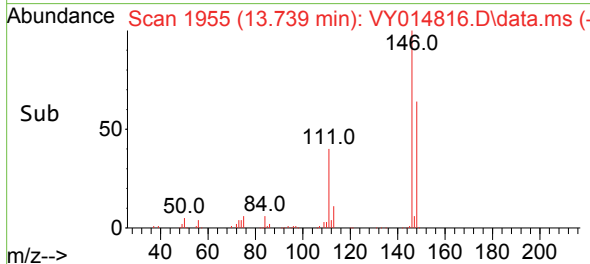
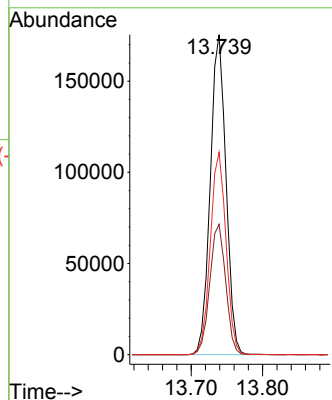
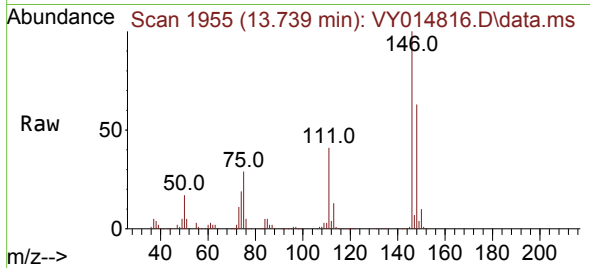




#91
1,2-Dichlorobenzene
Concen: 54.605 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

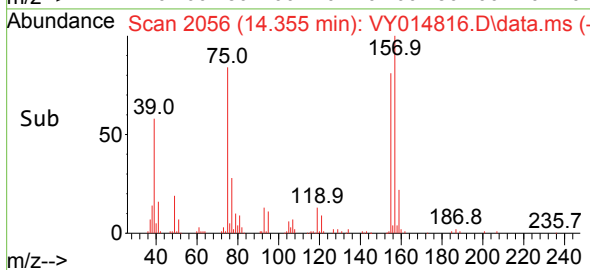
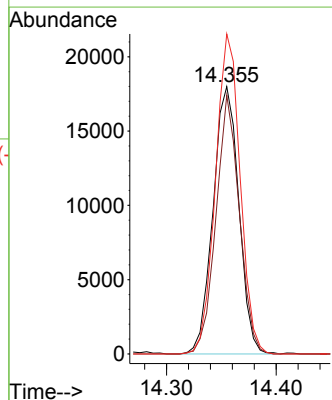
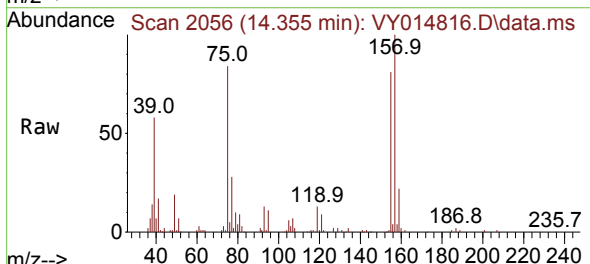
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

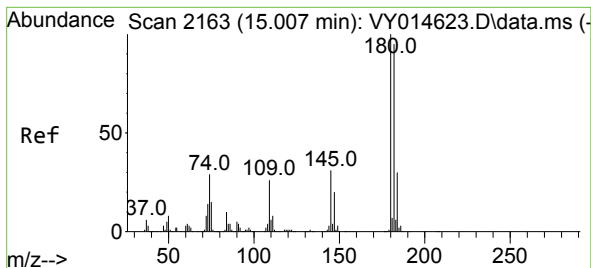
Tgt Ion:146 Resp: 267645
Ion Ratio Lower Upper
146 100
111 41.4 19.7 59.0
148 63.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.908 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014816.D
Acq: 25 Jul 2023 21:12

Tgt Ion: 75 Resp: 29361
Ion Ratio Lower Upper
75 100
155 87.9 41.5 124.6
157 114.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.545 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

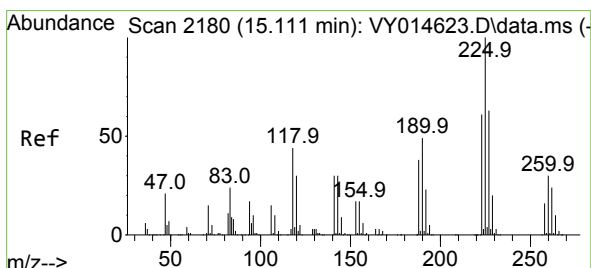
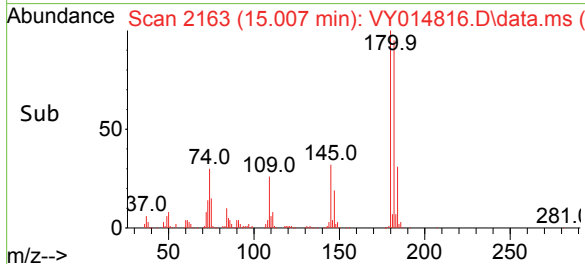
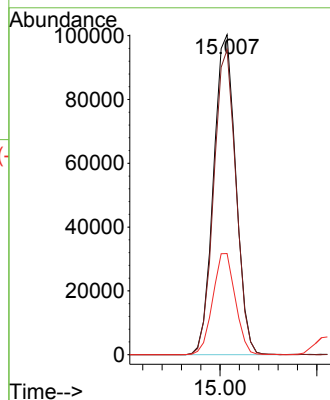
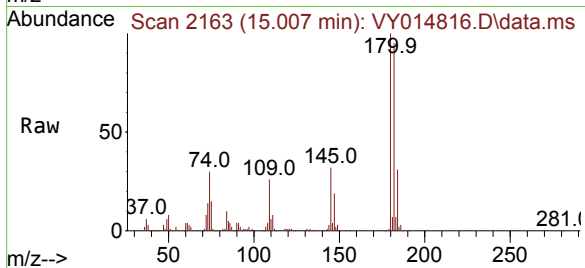
Tgt Ion:180 Resp: 160378

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 32.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.611 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

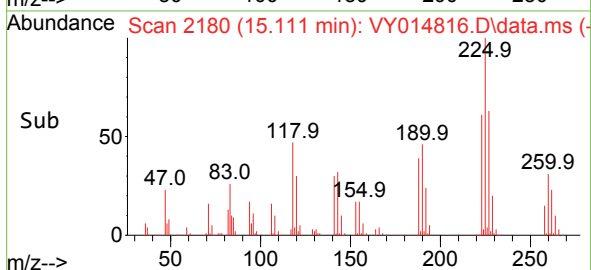
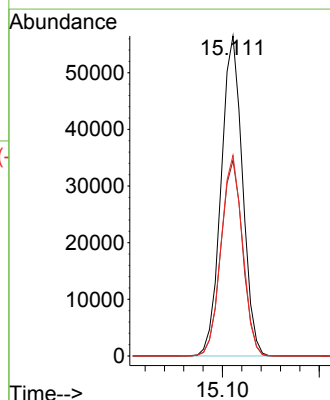
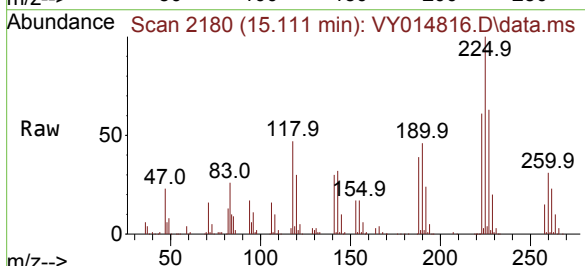
Tgt Ion:225 Resp: 86536

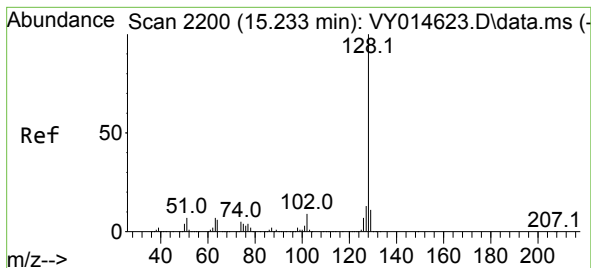
Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.9

227 62.9 33.0 98.9





#95

Naphthalene

Concen: 55.698 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

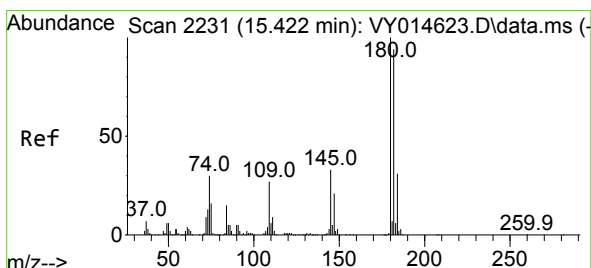
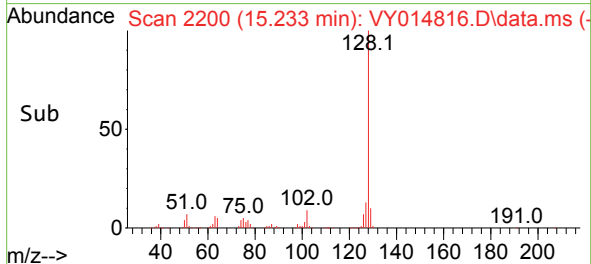
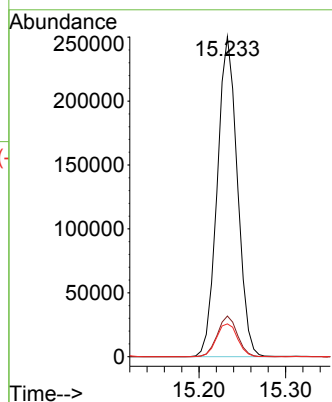
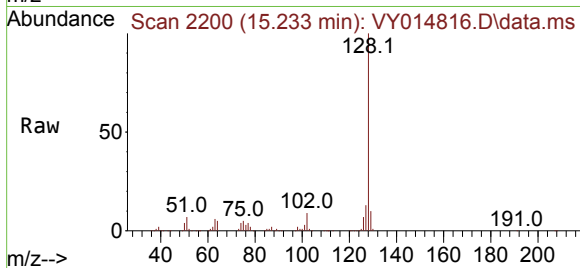
Tgt Ion:128 Resp: 403746

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.815 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014816.D

Acq: 25 Jul 2023 21:12

Tgt Ion:180 Resp: 146047

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.8

145 33.2 15.4 46.2

