

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014789.D
 Acq On : 25 Jul 2023 10:13
 Operator : SY/MD
 Sample : VY0725SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBL01

Quant Time: Jul 25 14:12:48 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)

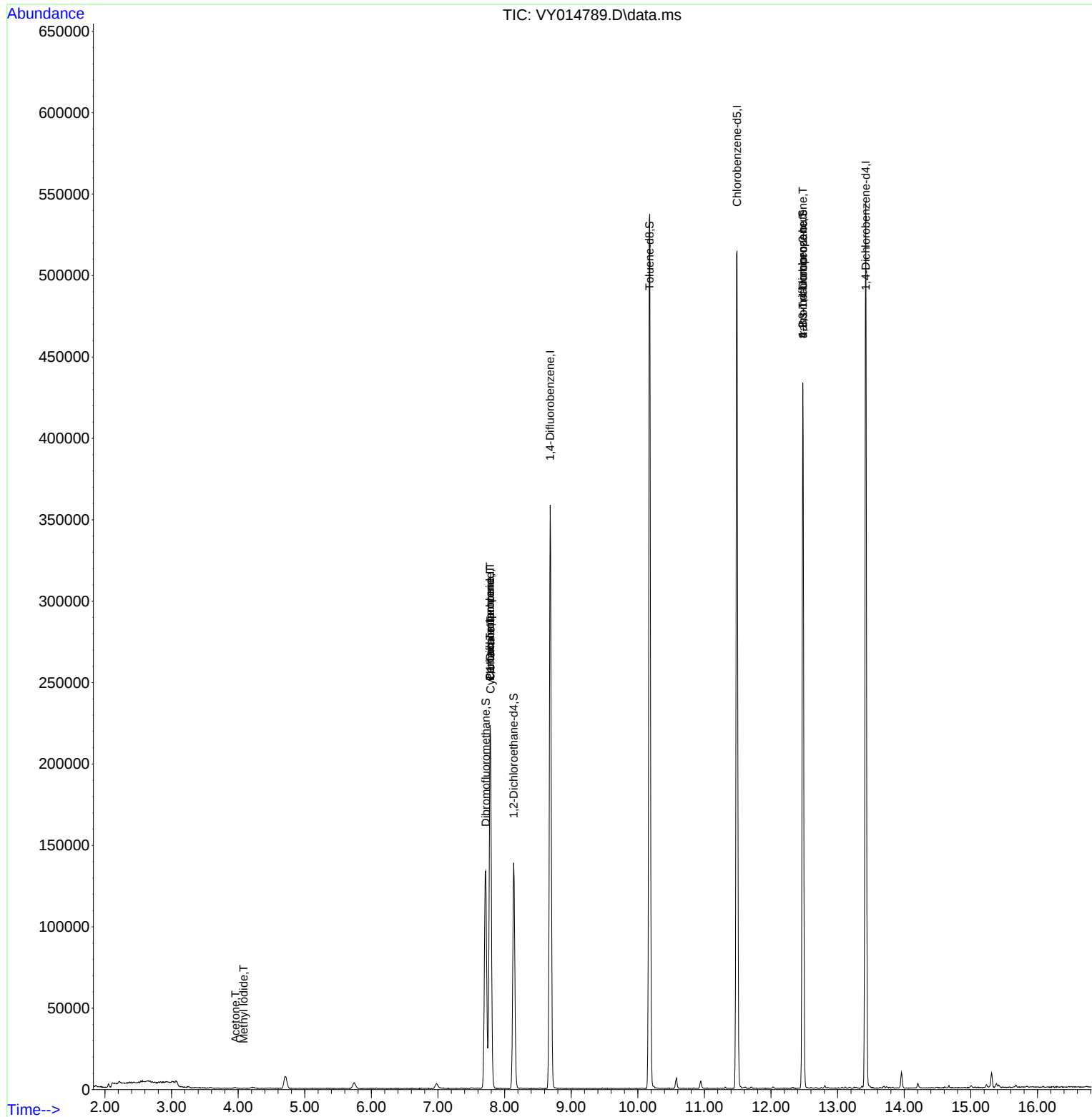
Internal Standards						
1) Pentafluorobenzene	7.783	168	175842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	304719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	287464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	106505	53.152	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 106.300%		
35) Dibromofluoromethane	7.716	113	96298	49.644	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 99.280%		
50) Toluene-d8	10.179	98	362762	50.725	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 101.460%		
62) 4-Bromofluorobenzene	12.477	95	133279	48.604	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 97.200%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	135	2.435	ug/l #	56
11) Tert butyl alcohol	4.960	59	79	Below Cal	#	89
16) Acetone	3.960	43	1180	1.858	ug/l #	86
20) Methylene Chloride	4.710	84	5949	Below Cal		88
31) Cyclohexane	7.789	56	3699	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	13677	4.715	ug/l #	49
38) Carbon Tetrachloride	7.783	117	17912	5.841	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	69630	40.373	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69630	78.169	ug/l #	10

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014789.D
Acq On : 25 Jul 2023 10:13
Operator : SY/MD
Sample : VY0725SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

Quant Time: Jul 25 14:12:48 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

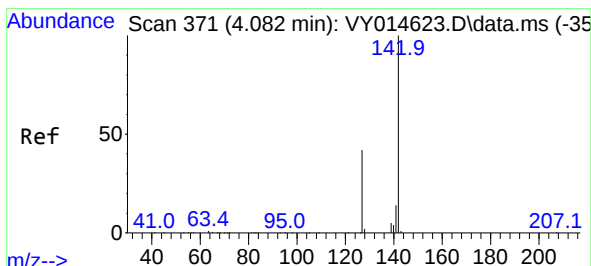
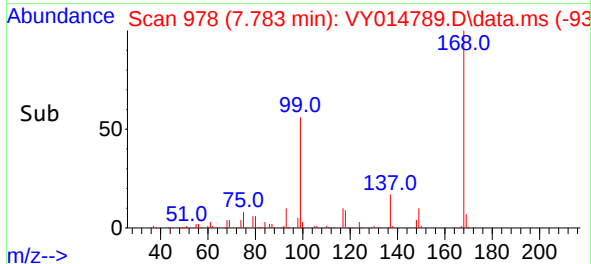
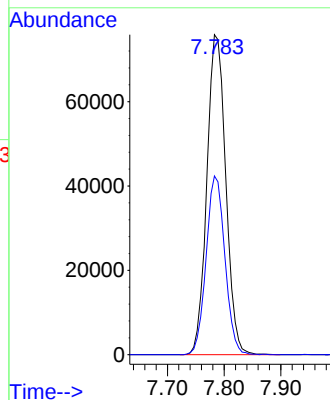
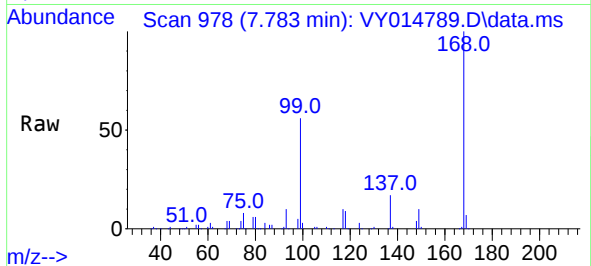




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

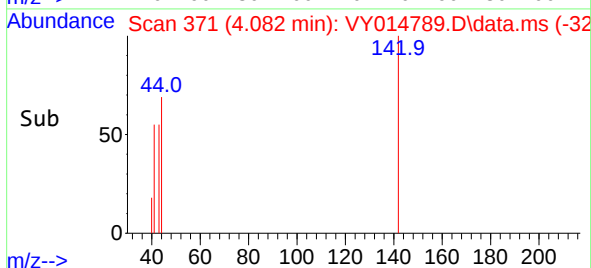
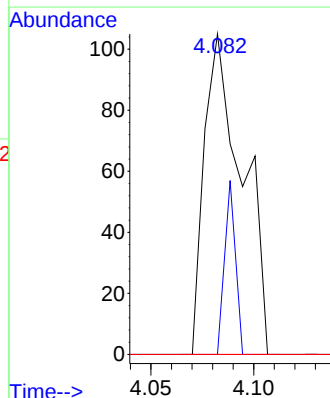
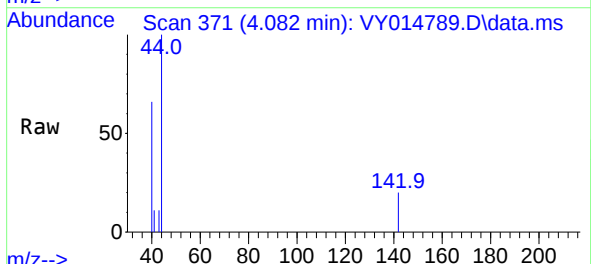
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

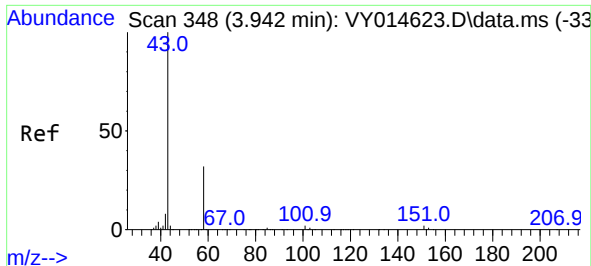
Tgt Ion:168 Resp: 175842
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.435 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

Tgt Ion:142 Resp: 135
Ion Ratio Lower Upper
142 100
127 15.6 37.6 56.4#
141 0.0 11.8 17.8#

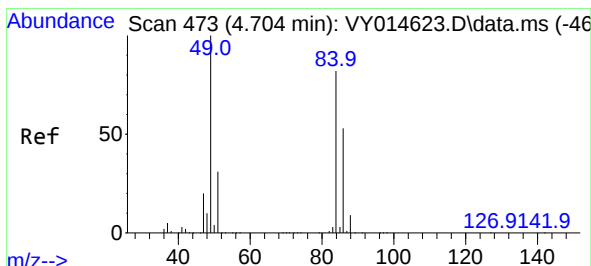
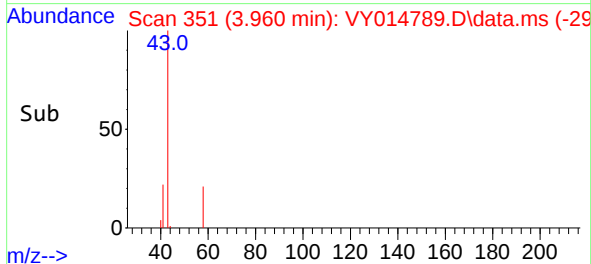
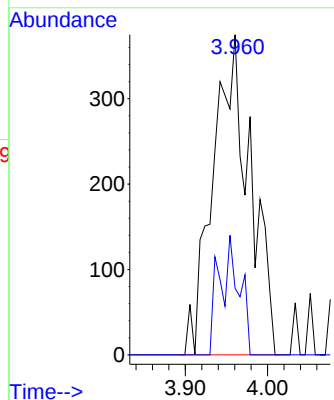
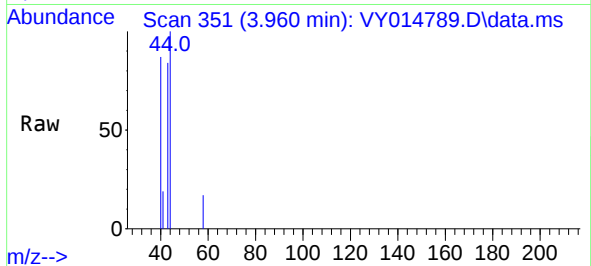




#16
Acetone
Concen: 1.858 ug/l
RT: 3.960 min Scan# 311
Delta R.T. 0.018 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

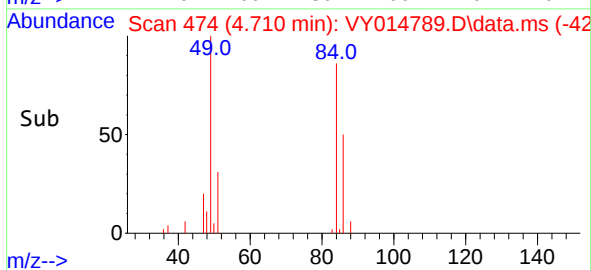
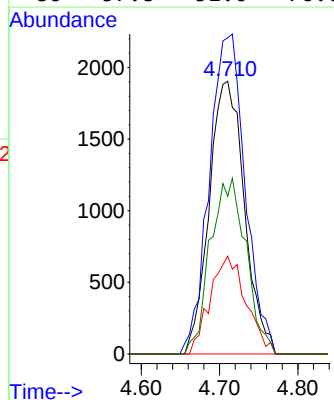
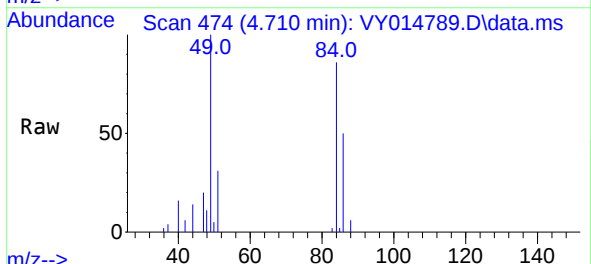
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

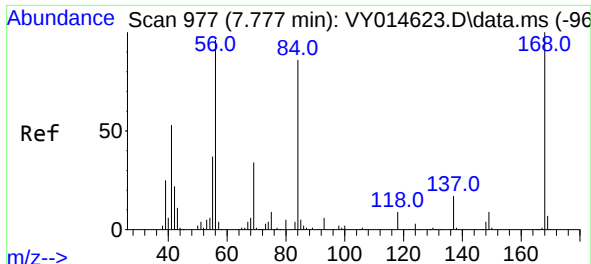
Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
58 20.8 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

Tgt Ion: 84 Resp: 5949
Ion Ratio Lower Upper
84 100
49 115.9 106.9 160.3
51 35.9 33.2 49.8
86 57.8 51.0 76.6

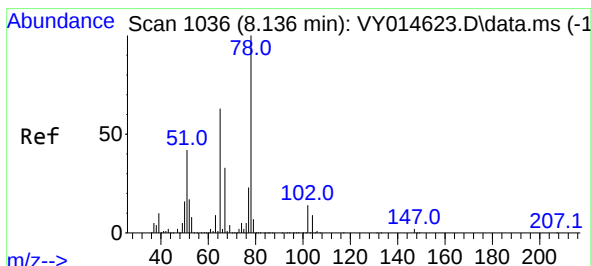
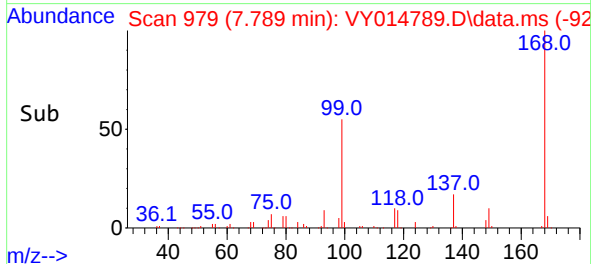
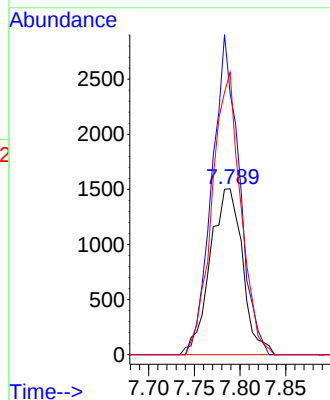
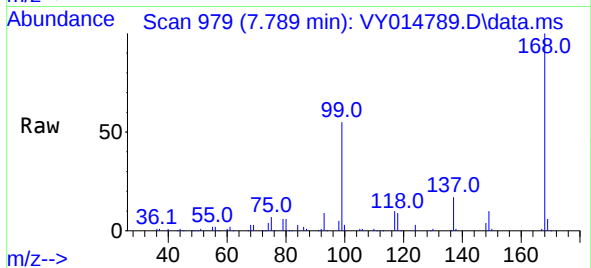




#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

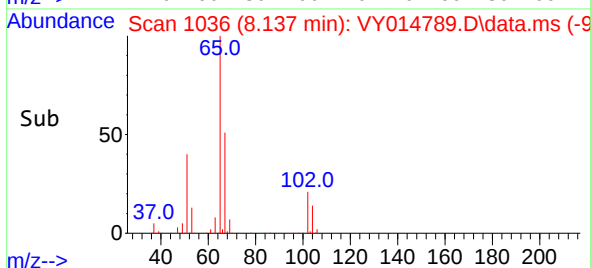
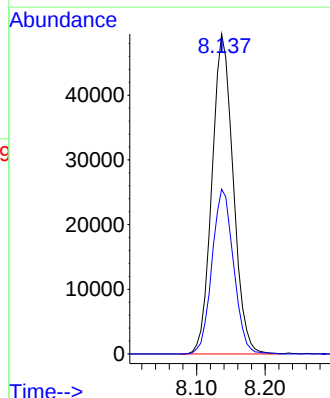
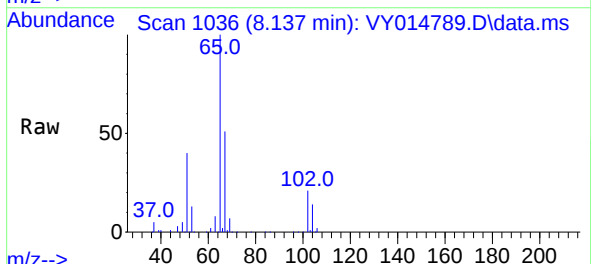
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

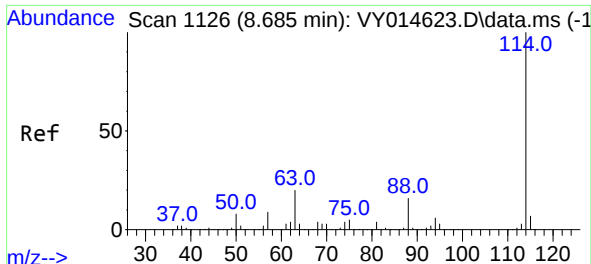
Tgt Ion: 56 Resp: 3699
Ion Ratio Lower Upper
56 100
69 157.6 27.8 41.6#
84 170.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 53.152 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

Tgt Ion: 65 Resp: 106505
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8

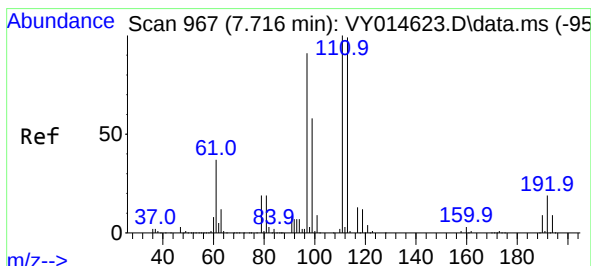
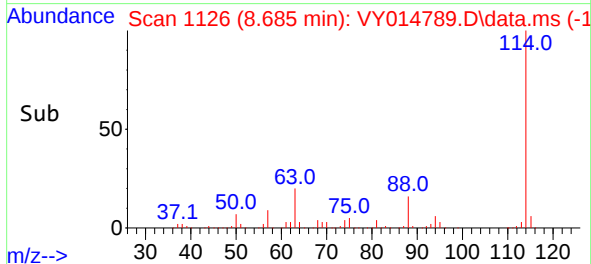
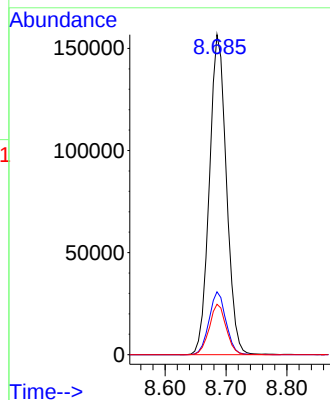
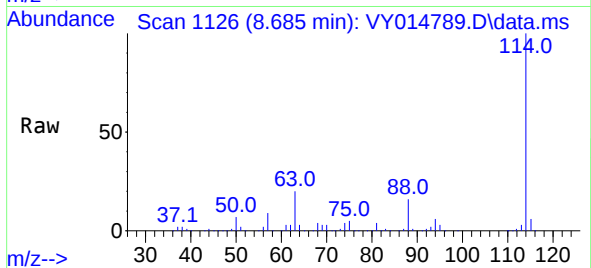




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

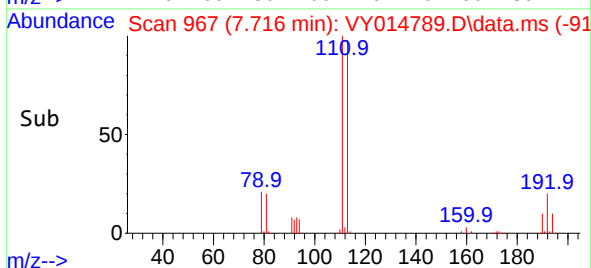
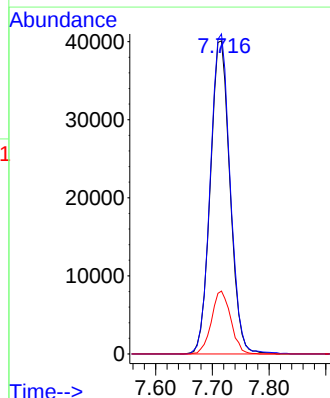
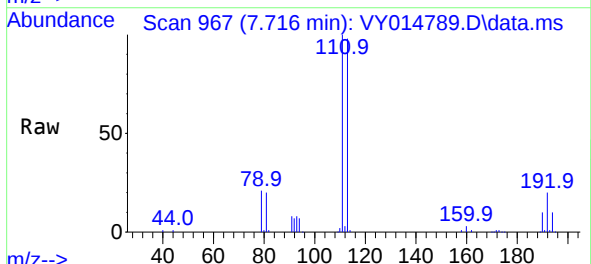
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

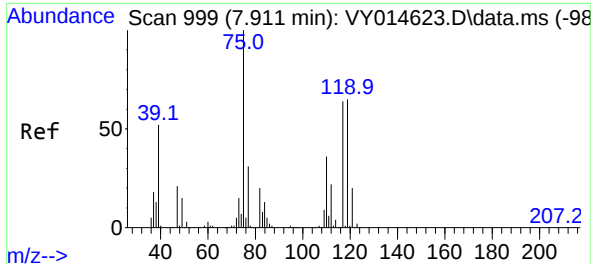
Tgt Ion:114 Resp: 304719
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.644 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

Tgt Ion:113 Resp: 96298
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.7 16.9 25.3

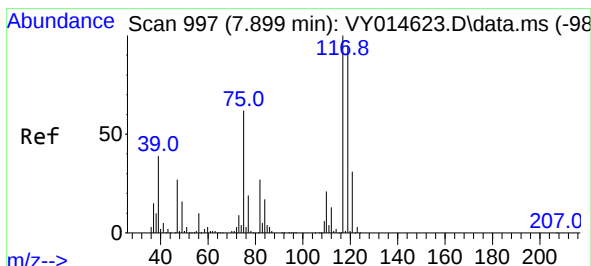
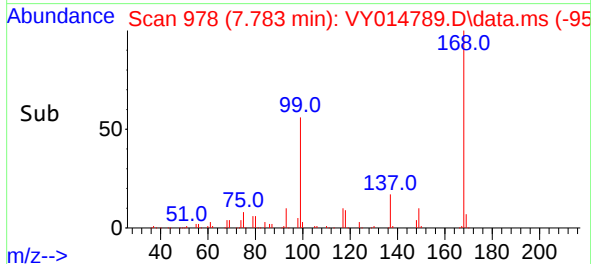
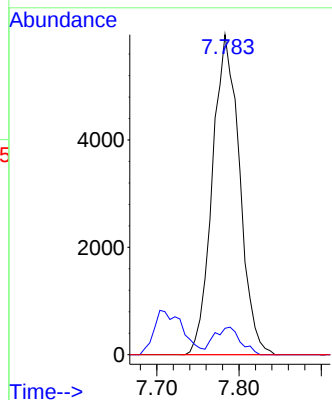
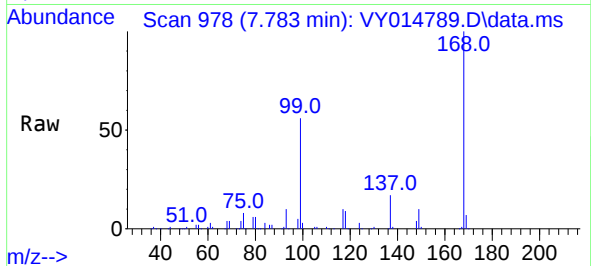




#36
1,1-Dichloropropene
Concen: 4.715 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

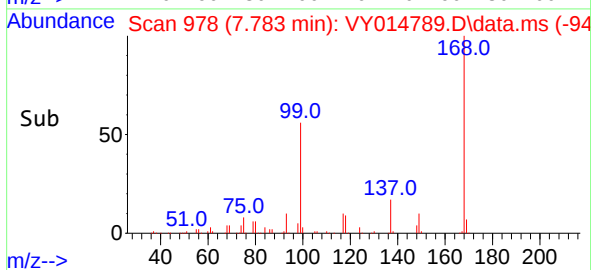
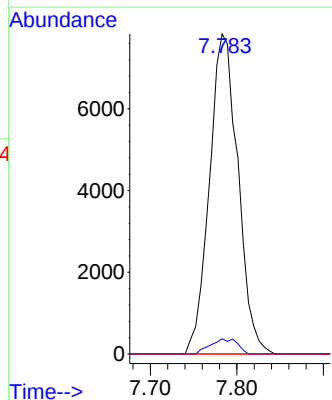
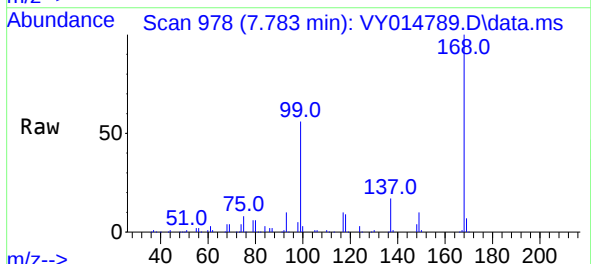
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

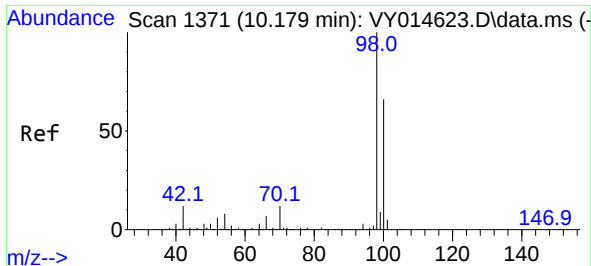
Tgt Ion: 75 Resp: 13677
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.841 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

Tgt Ion: 117 Resp: 17912
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#

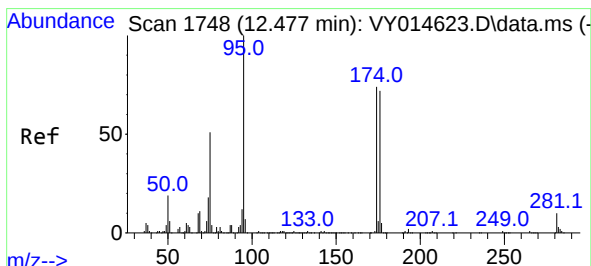
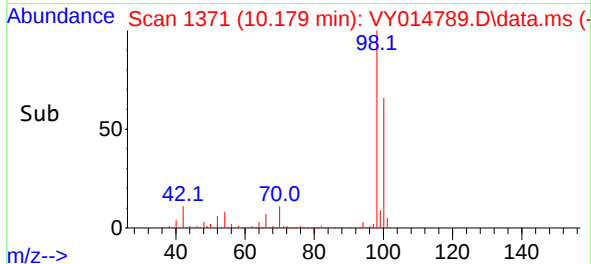
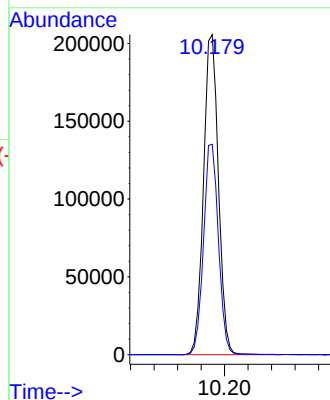
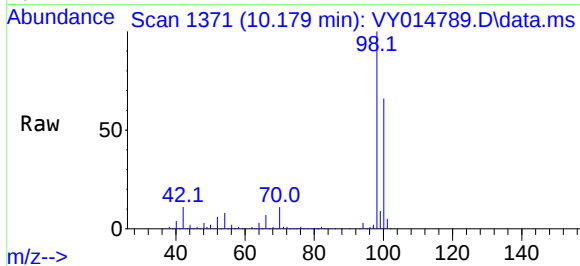




#50
Toluene-d8
Concen: 50.725 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

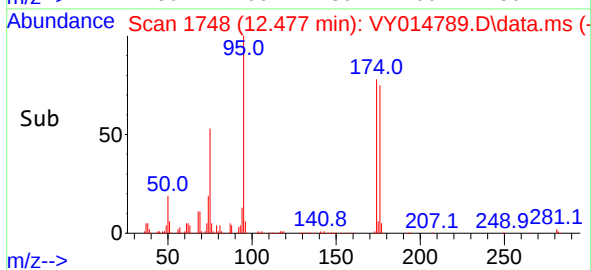
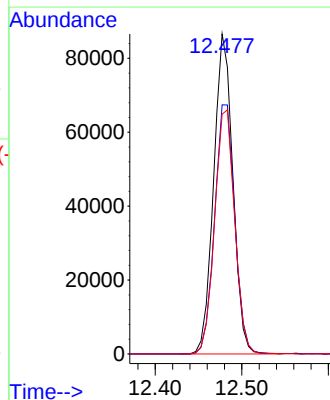
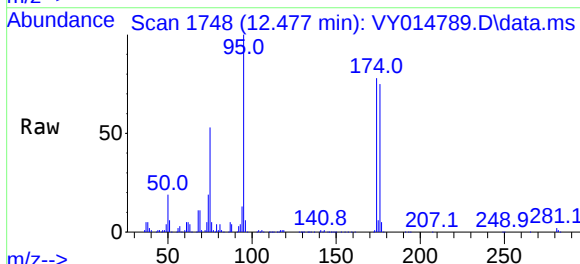
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

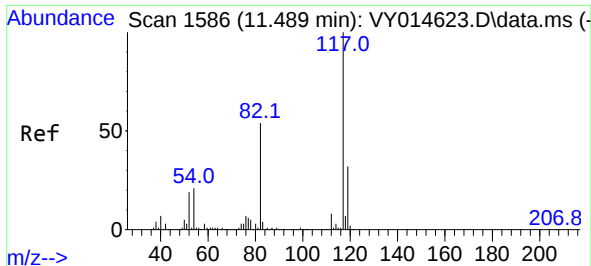
Tgt Ion: 98 Resp: 362762
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.604 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

Tgt Ion: 95 Resp: 133279
Ion Ratio Lower Upper
95 100
174 81.9 0.0 178.2
176 79.7 0.0 173.8

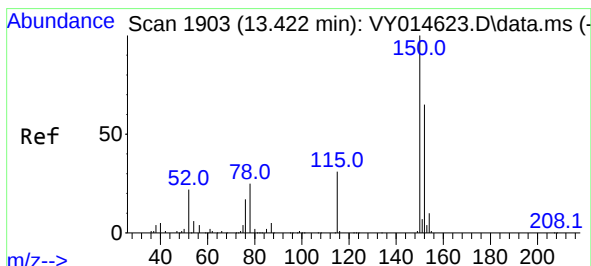
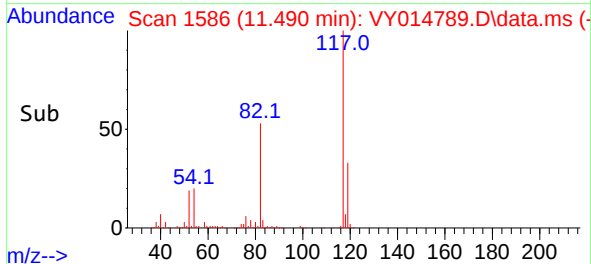
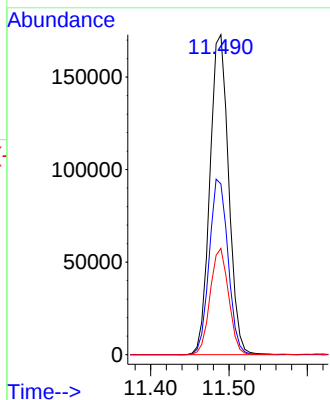
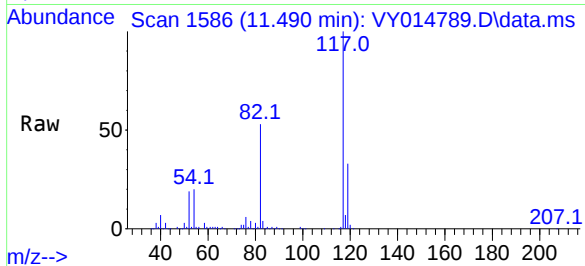




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

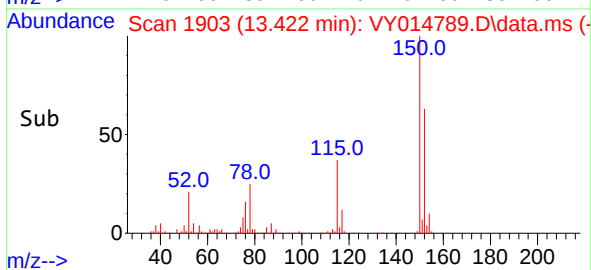
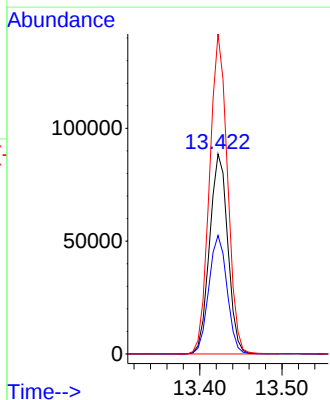
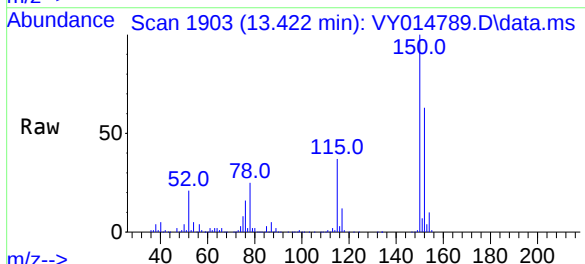
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

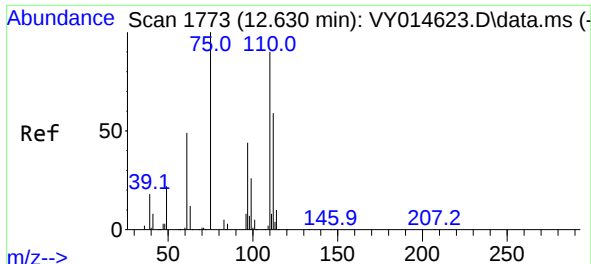
Tgt Ion:117 Resp: 287464
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 33.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

Tgt Ion:152 Resp: 136557
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 157.9 0.0 348.8

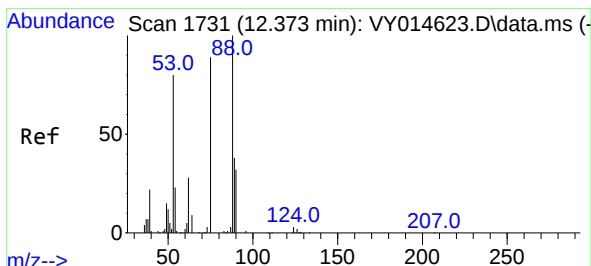
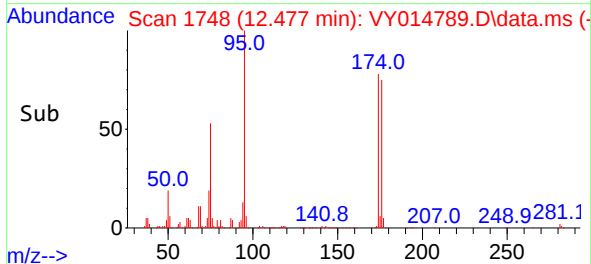
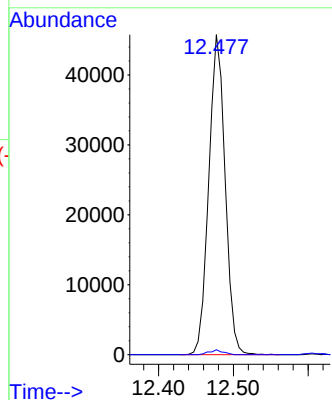
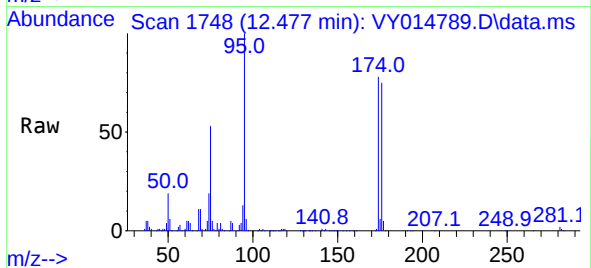




#76
1,2,3-Trichloropropane
Concen: 40.373 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBL01

Tgt Ion: 75 Resp: 69630
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.169 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014789.D
Acq: 25 Jul 2023 10:13

Tgt Ion: 75 Resp: 69630
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

