

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014832.D
 Acq On : 26 Jul 2023 03:55
 Operator : SY/MD
 Sample : 03741-13
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P6B

Quant Time: Jul 26 04:26:52 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)

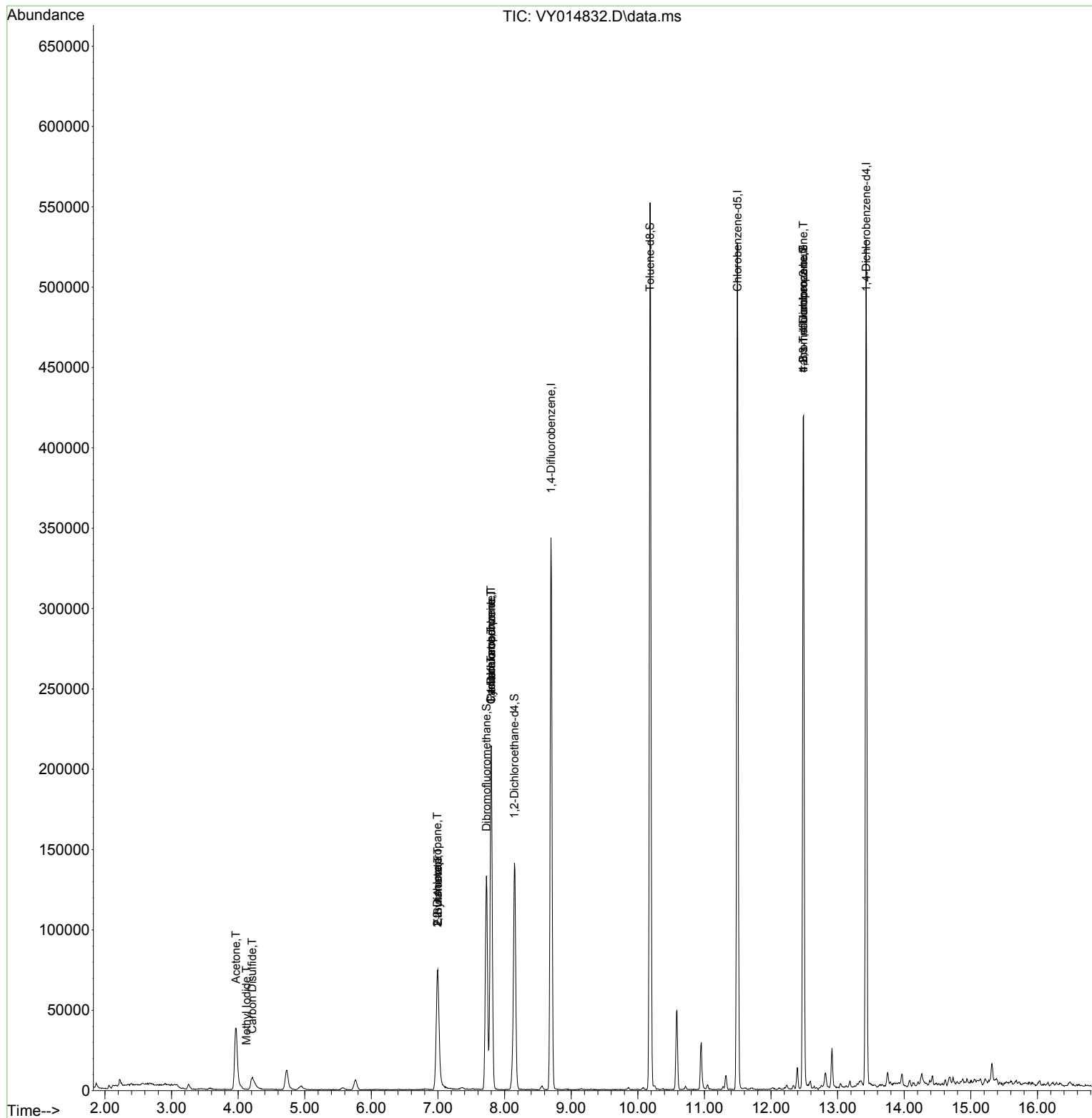
Internal Standards						
1) Pentafluorobenzene	7.801	168	165768	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	295799	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	281708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	107510	56.914	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.820%			
35) Dibromofluoromethane	7.728	113	92786	49.276	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.560%			
50) Toluene-d8	10.185	98	352907	50.835	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.680%			
62) 4-Bromofluorobenzene	12.483	95	128183	48.155	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.300%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.125	142	201	2.473	ug/l #	49
11) Tert butyl alcohol	4.936	59	1939	Below Cal	#	89
16) Acetone	3.966	43	75425	126.003	ug/l	93
17) Carbon Disulfide	4.210	76	12423	2.658	ug/l	99
25) 2-Butanone	6.996	43	28877	32.974	ug/l	99
26) 2,2-Dichloropropane	6.990	77	4848	1.509	ug/l #	54
31) Cyclohexane	7.795	56	3606	1.150	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13570	4.819	ug/l #	50
37) Ethyl Acetate	6.996	43	28877	14.895	ug/l #	88
38) Carbon Tetrachloride	7.795	117	17140	5.758	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	68844	42.045	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68844	81.407	ug/l #	10

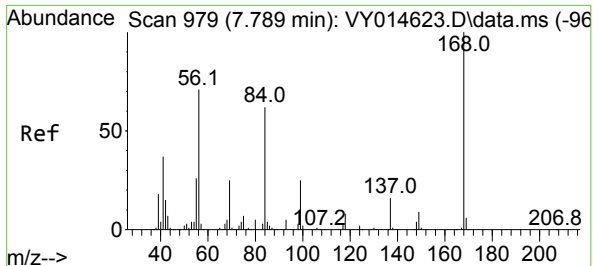
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014832.D
Acq On : 26 Jul 2023 03:55
Operator : SY/MD
Sample : 03741-13
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-P6B

Quant Time: Jul 26 04:26:52 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

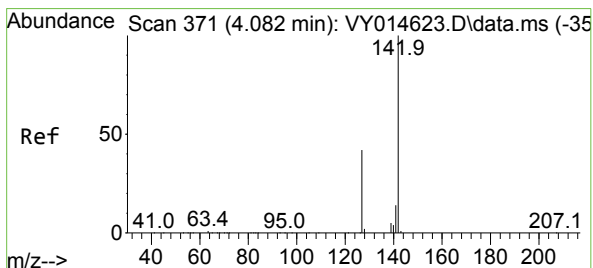
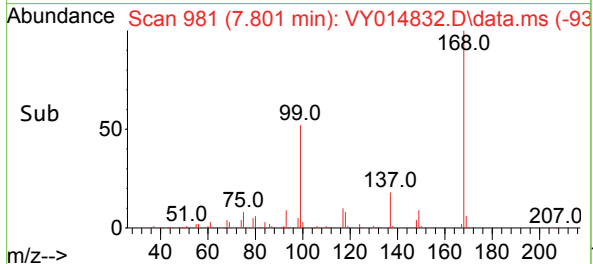
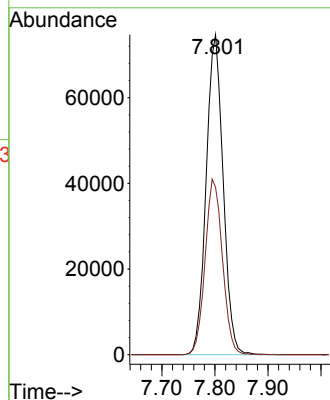
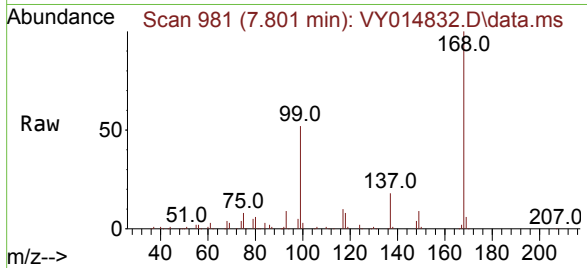




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

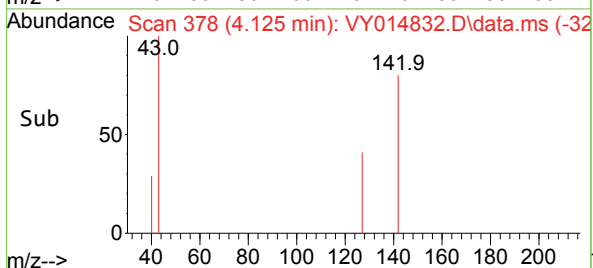
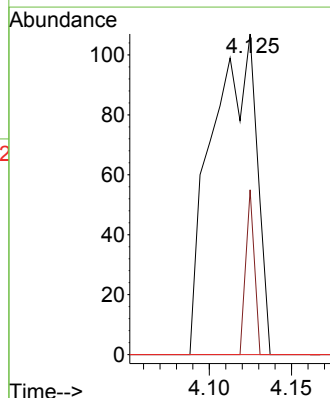
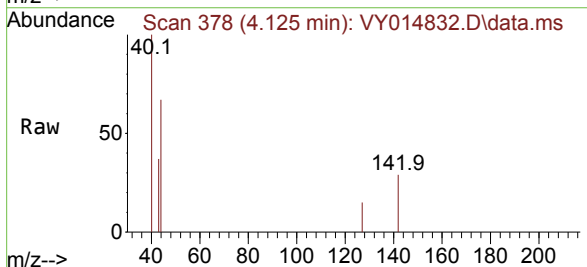
Instrument :
MSVOA_Y
ClientSampleId :
B-P6B

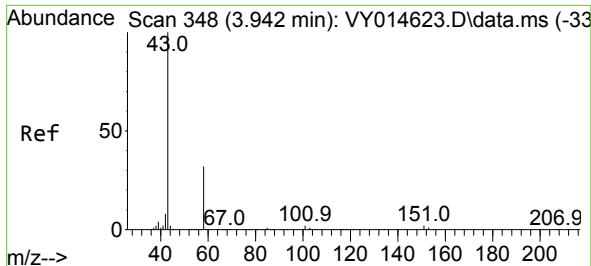
Tgt Ion:168 Resp: 165768
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#10
Methyl Iodide
Concen: 2.473 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.043 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

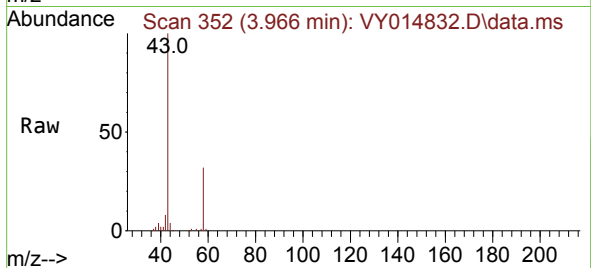
Tgt Ion:142 Resp: 201
Ion Ratio Lower Upper
142 100
127 10.0 37.6 56.4#
141 0.0 11.8 17.8#



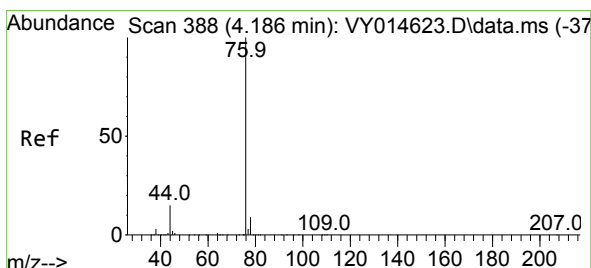
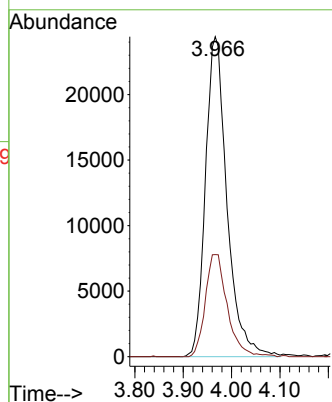
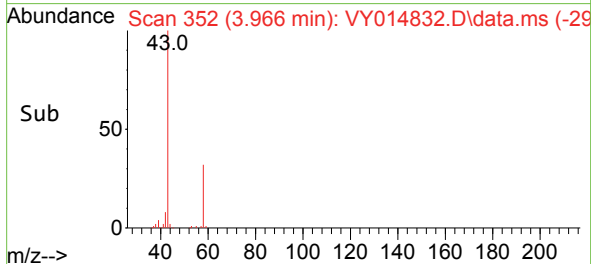


#16
Acetone
Concen: 126.003 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

Instrument :
MSVOA_Y
ClientSampleId :
B-P6B

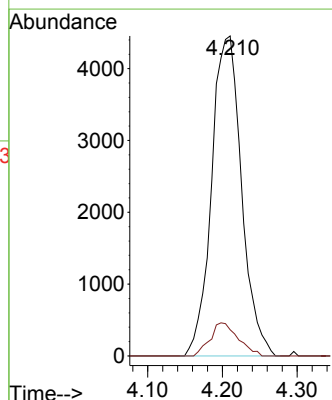
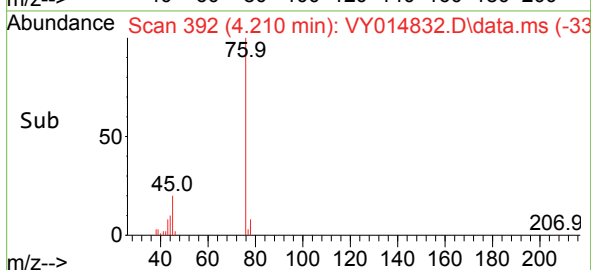
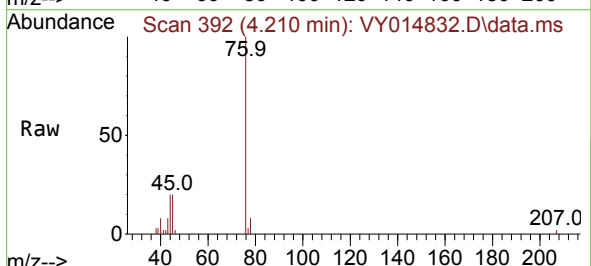


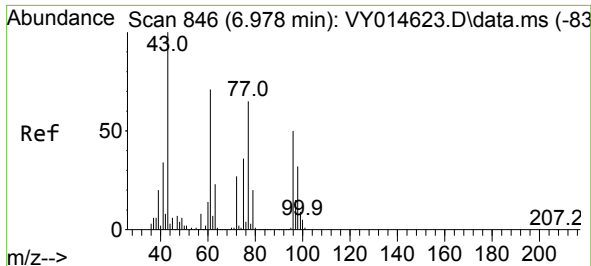
Tgt Ion: 43 Resp: 75425
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1



#17
Carbon Disulfide
Concen: 2.658 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.024 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

Tgt Ion: 76 Resp: 12423
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4

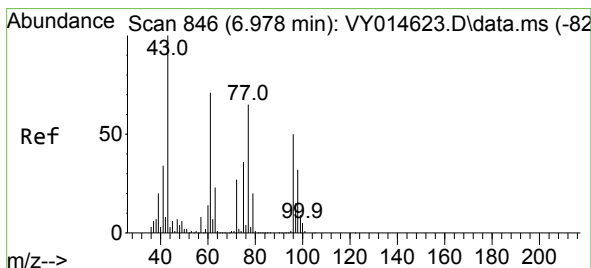
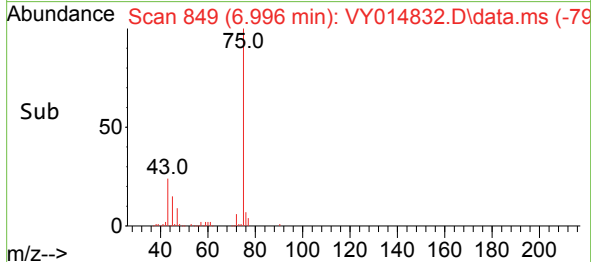
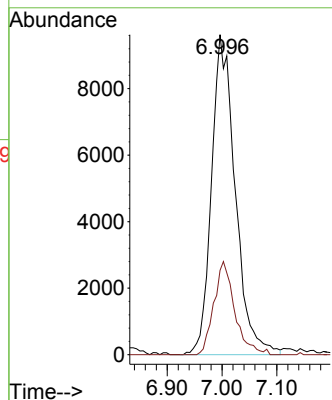
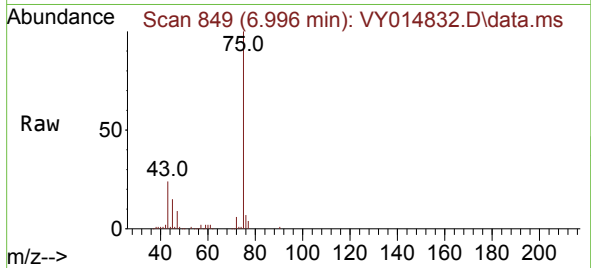




#25
2-Butanone
Concen: 32.974 ug/l
RT: 6.996 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

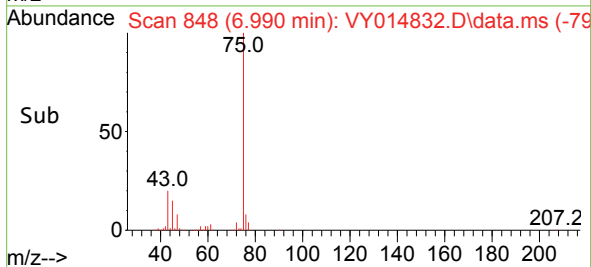
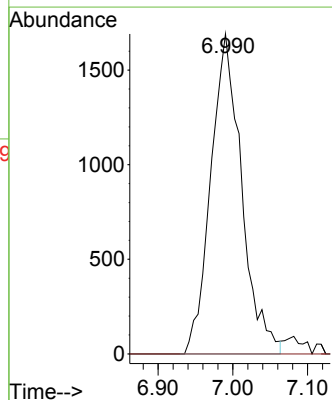
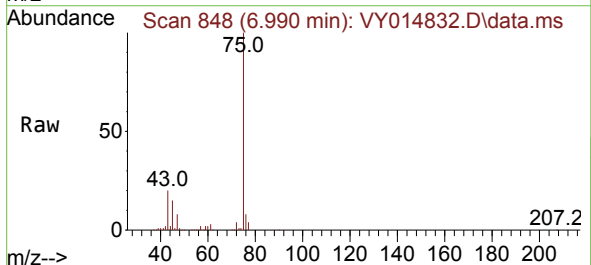
Instrument :
MSVOA_Y
ClientSampleId :
B-P6B

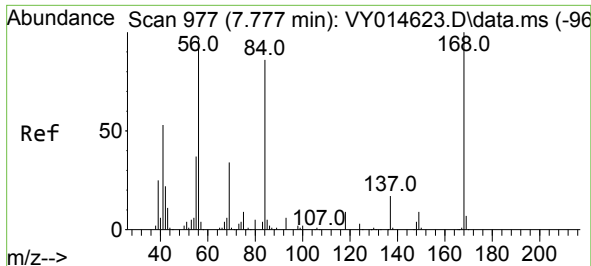
Tgt Ion: 43 Resp: 28877
Ion Ratio Lower Upper
43 100
72 26.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 1.509 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

Tgt Ion: 77 Resp: 4848
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

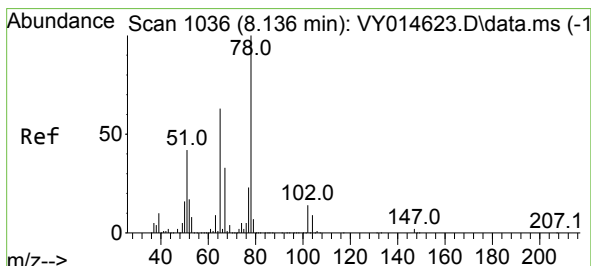
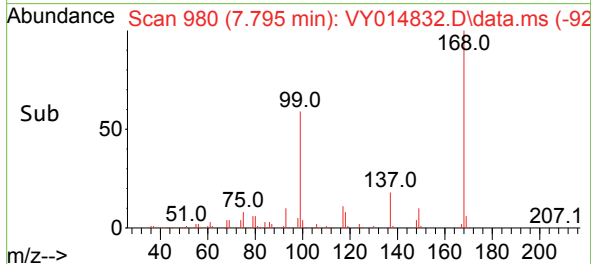
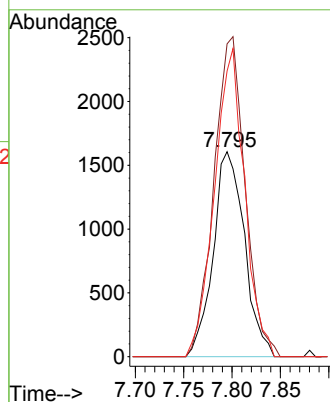
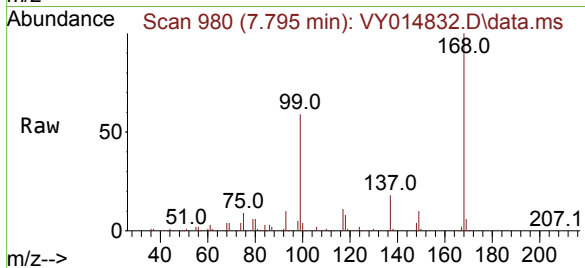




#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

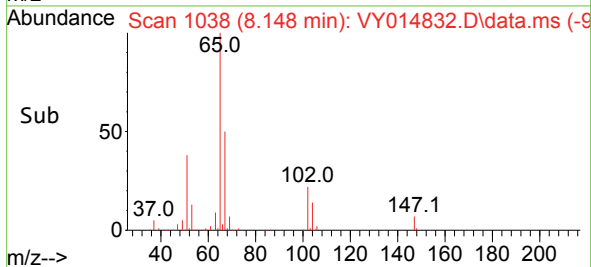
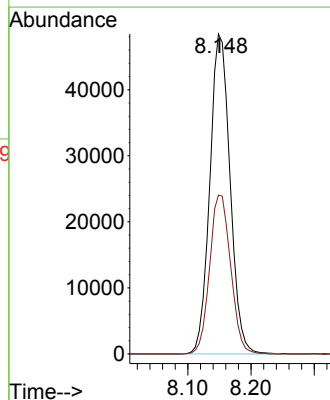
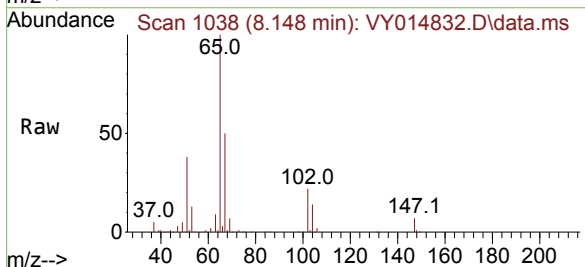
Instrument :
MSVOA_Y
ClientSampleId :
B-P6B

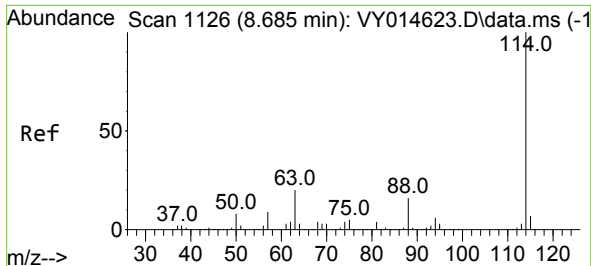
Tgt Ion: 56 Resp: 3606
Ion Ratio Lower Upper
56 100
69 152.5 27.8 41.6#
84 144.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.914 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

Tgt Ion: 65 Resp: 107510
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8

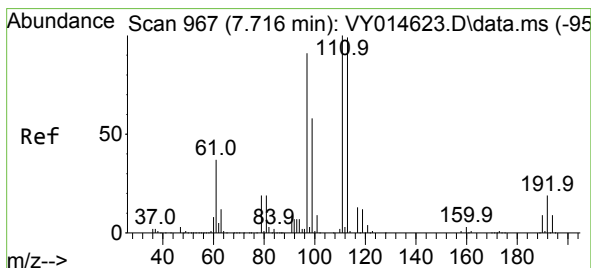
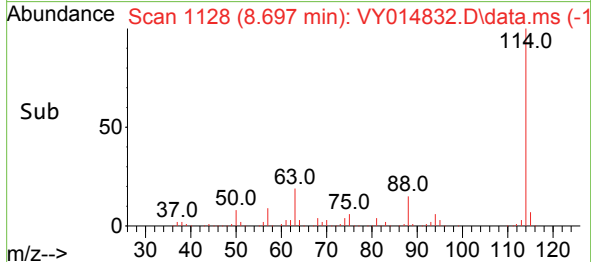
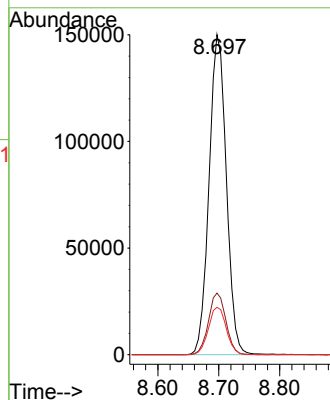
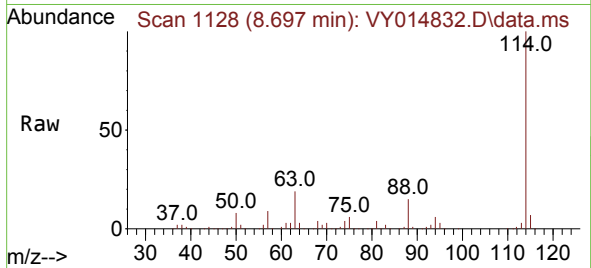




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

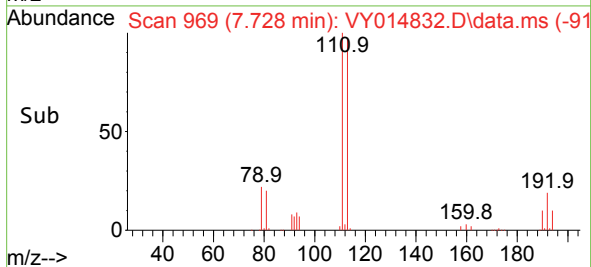
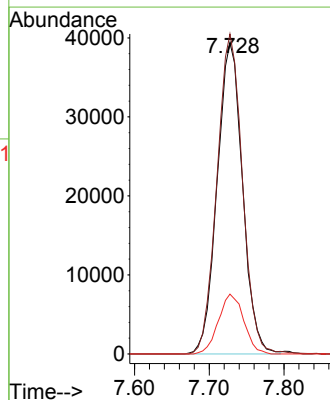
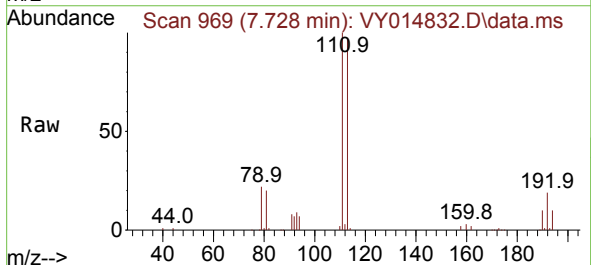
Instrument :
MSVOA_Y
ClientSampleId :
B-P6B

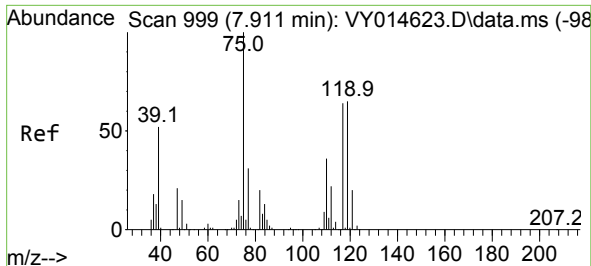
Tgt Ion:114 Resp: 295799
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.276 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

Tgt Ion:113 Resp: 92786
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.2 16.9 25.3

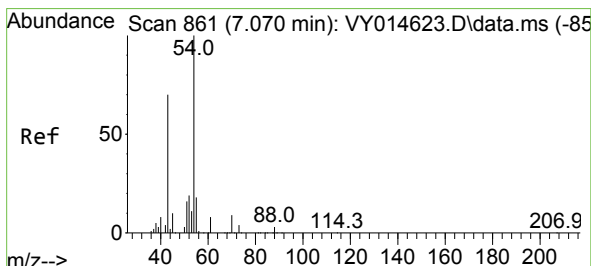
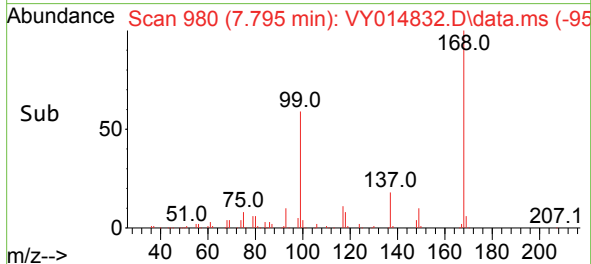
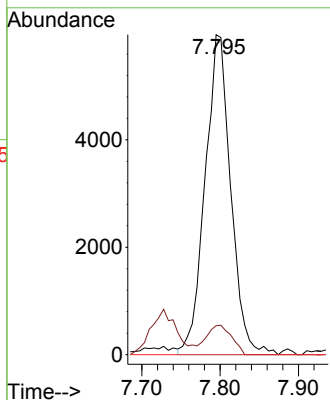
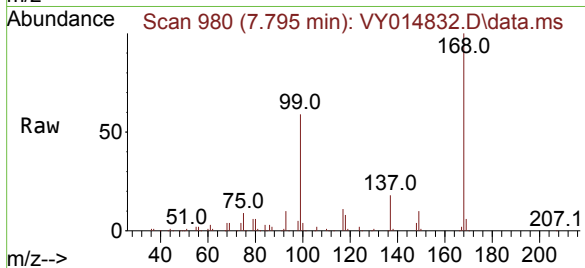




#36
1,1-Dichloropropene
Concen: 4.819 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

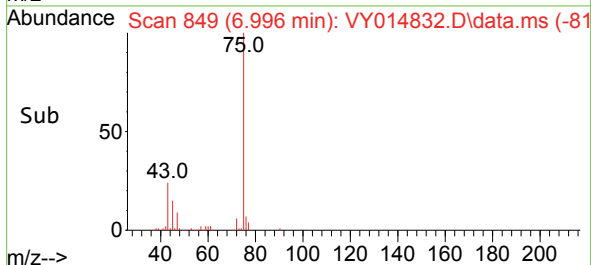
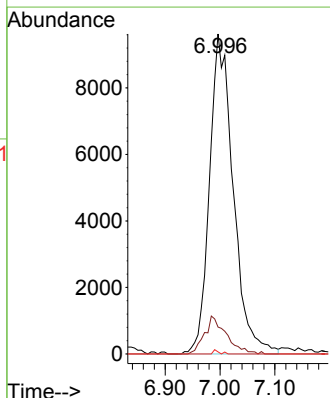
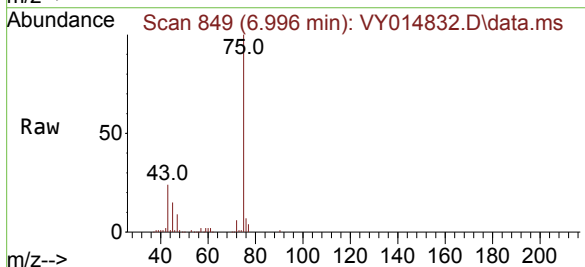
Instrument :
MSVOA_Y
ClientSampleId :
B-P6B

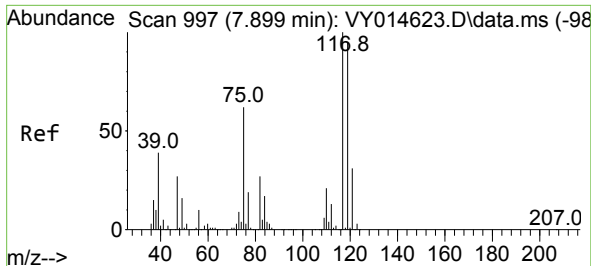
Tgt Ion: 75 Resp: 13570
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 14.895 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.074 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

Tgt Ion: 43 Resp: 28877
Ion Ratio Lower Upper
43 100
61 10.9 10.1 15.1
70 0.3 7.1 10.7#

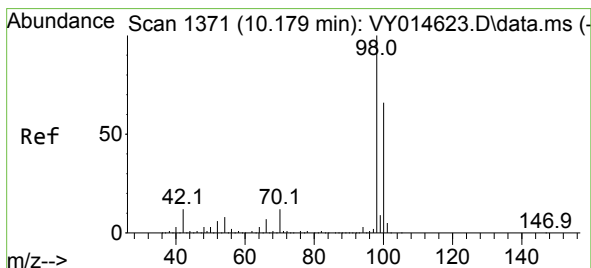
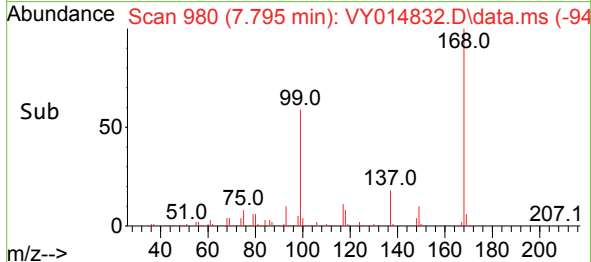
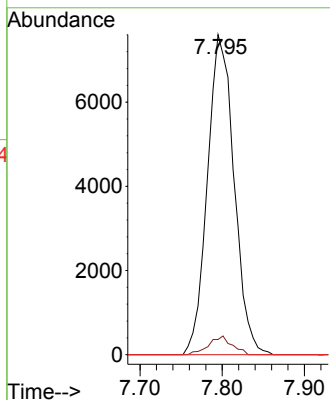
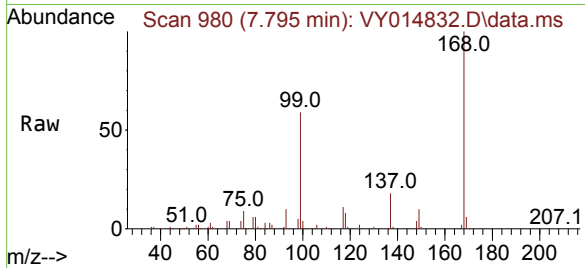




#38
Carbon Tetrachloride
Concen: 5.758 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

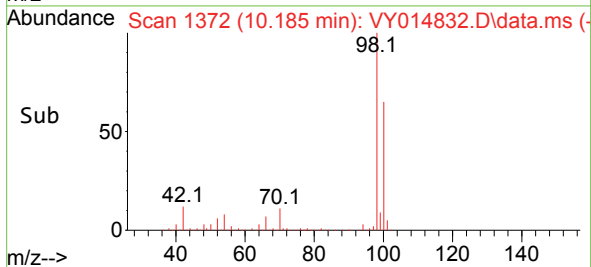
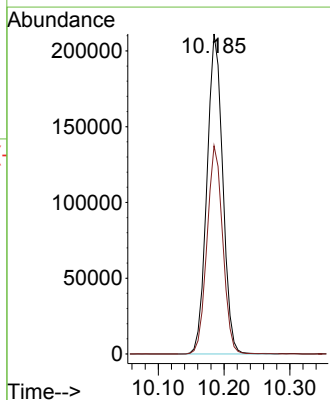
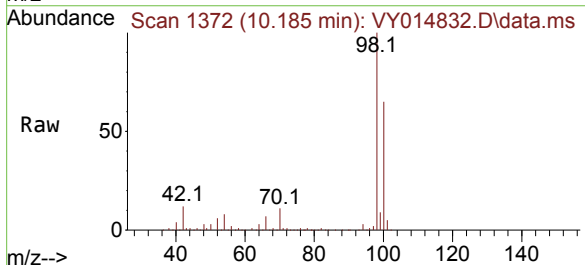
Instrument :
MSVOA_Y
ClientSampleId :
B-P6B

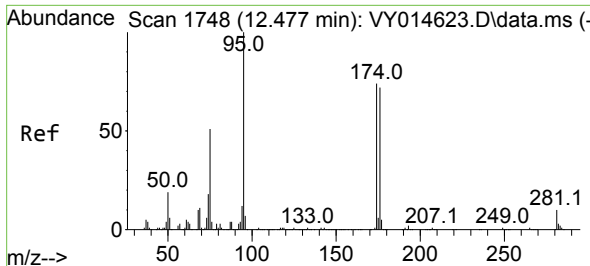
Tgt Ion:117 Resp: 17140
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.835 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

Tgt Ion: 98 Resp: 352907
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

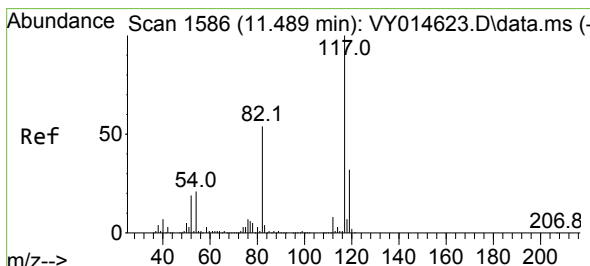
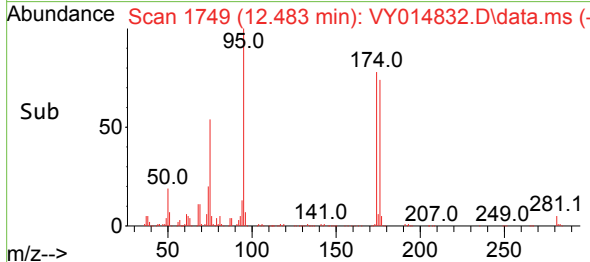
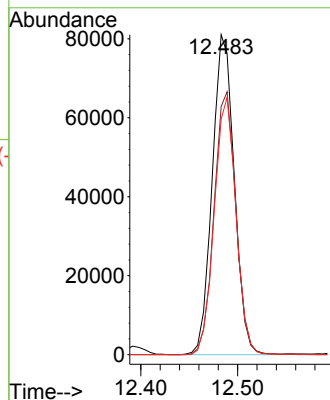
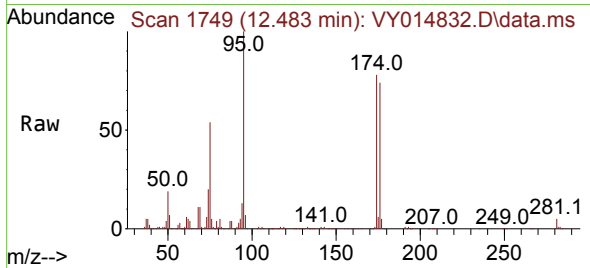




#62
4-Bromofluorobenzene
Concen: 48.155 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

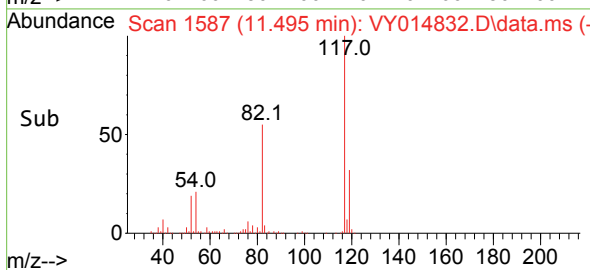
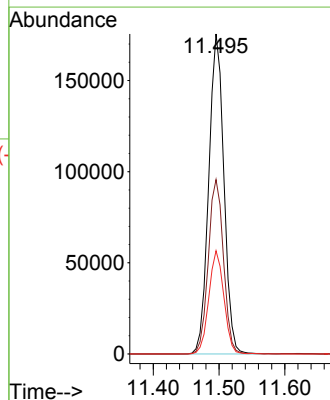
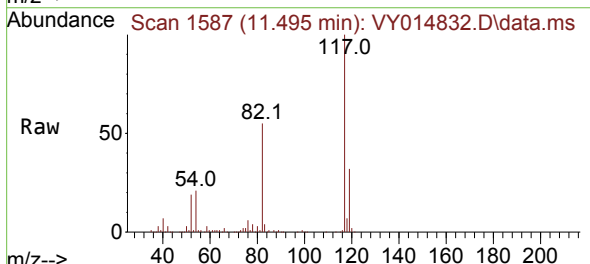
Instrument :
MSVOA_Y
ClientSampleId :
B-P6B

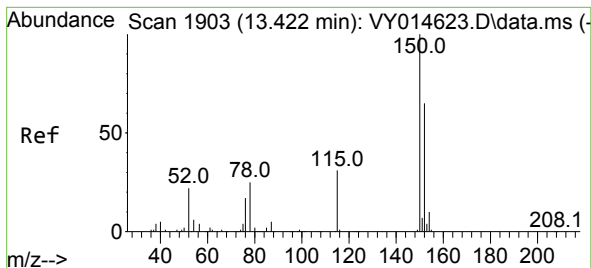
Tgt Ion: 95 Resp: 128183
Ion Ratio Lower Upper
95 100
174 81.3 0.0 178.2
176 79.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014832.D
Acq: 26 Jul 2023 03:55

Tgt Ion: 117 Resp: 281708
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.3 26.3 39.5

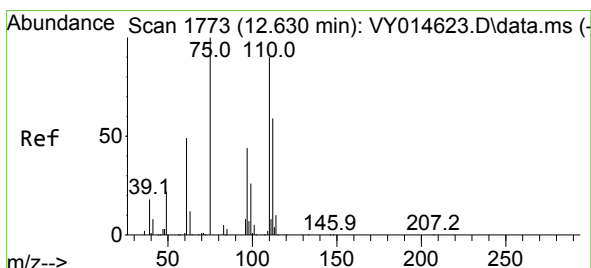
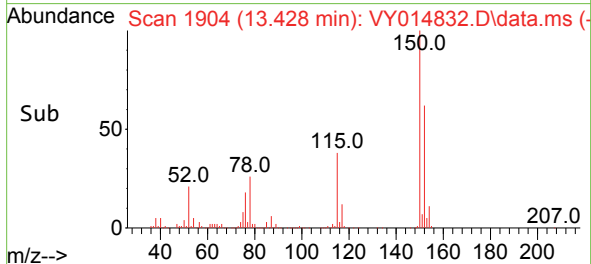
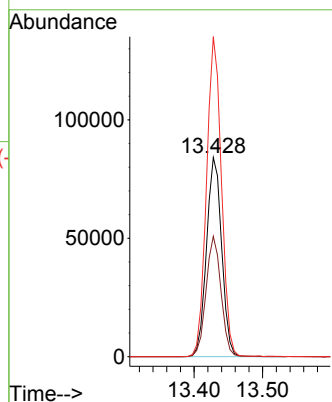
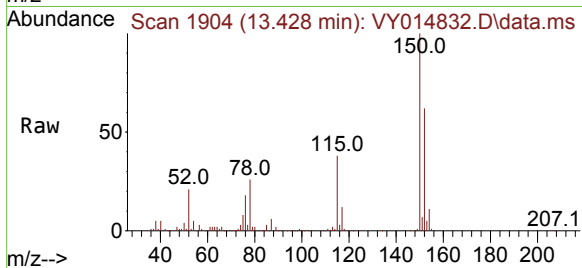




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY014832.D
 Acq: 26 Jul 2023 03:55

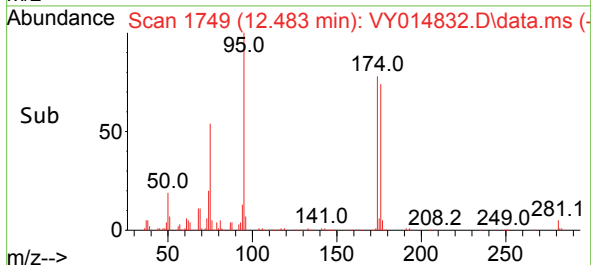
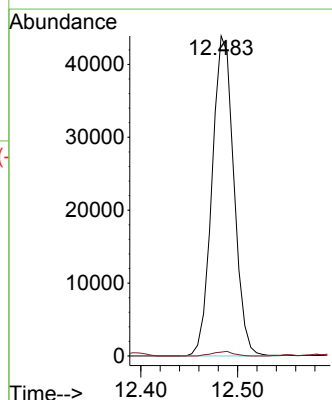
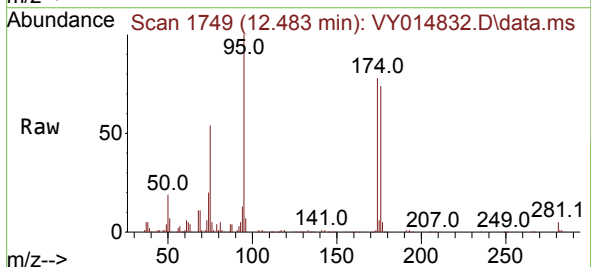
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P6B

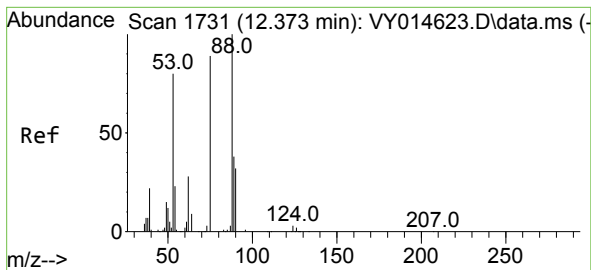
Tgt Ion:152 Resp: 129645
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.8 86.5
 150 157.9 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 42.045 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY014832.D
 Acq: 26 Jul 2023 03:55

Tgt Ion: 75 Resp: 68844
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.407 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY014832.D
 Acq: 26 Jul 2023 03:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P6B

Tgt Ion: 75 Resp: 68844
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

