

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012861.D
 Acq On : 08 Mar 2023 11:23
 Operator : KP/MD
 Sample : VY0308SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0308SBL01

Quant Time: Mar 09 00:32:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

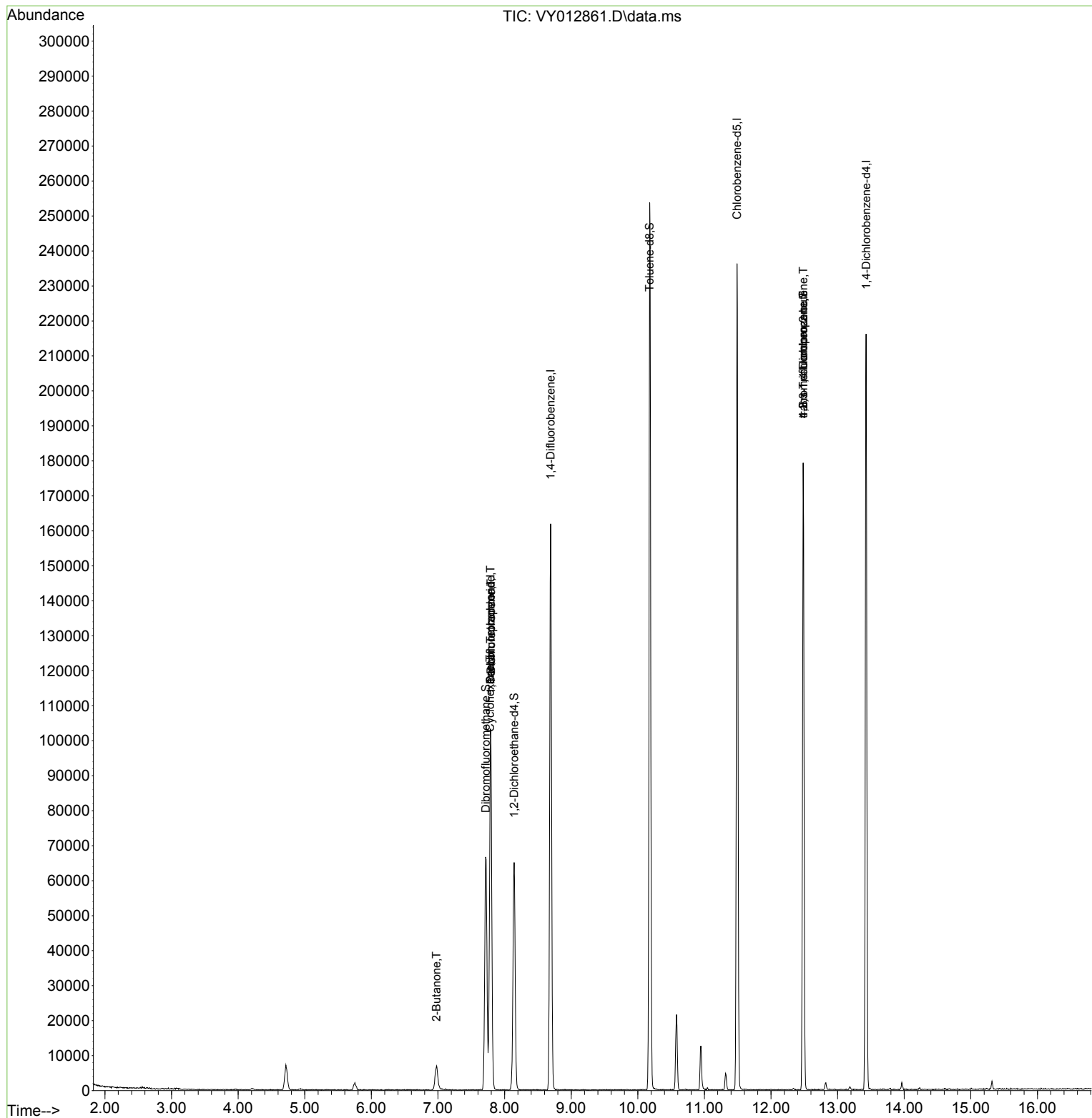
Internal Standards						
1) Pentafluorobenzene	7.789	168	81817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	126093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50907	62.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.340%	
35) Dibromofluoromethane	7.715	113	46660	56.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.780%	
50) Toluene-d8	10.178	98	164557	54.885	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.780%	
62) 4-Bromofluorobenzene	12.483	95	49075	48.495	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.935	59	223	Below Cal	#	74
20) Methylene Chloride	4.716	84	5050	Below Cal		98
25) 2-Butanone	6.978	43	490	1.241	ug/l #	49
31) Cyclohexane	7.782	56	1791	1.151	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	6168	4.488	ug/l #	49
38) Carbon Tetrachloride	7.789	117	7708	5.431	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	25094	37.632	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	25094	77.975	ug/l #	13

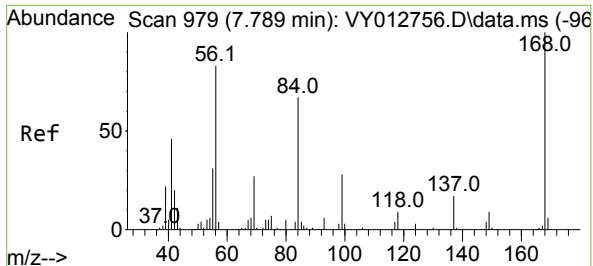
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
Data File : VY012861.D
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBL01

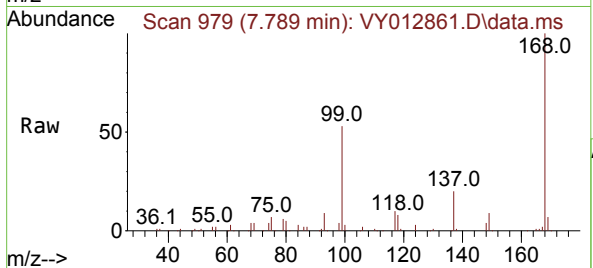
Quant Time: Mar 09 00:32:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



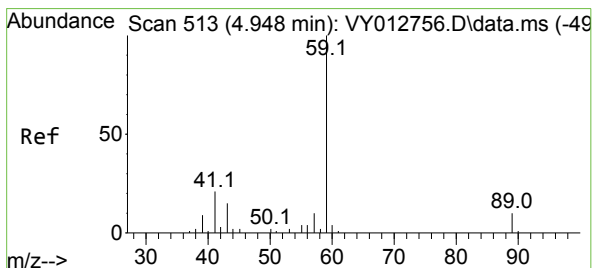
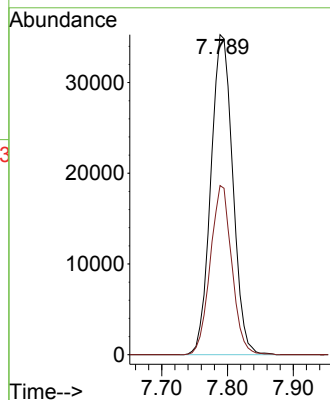
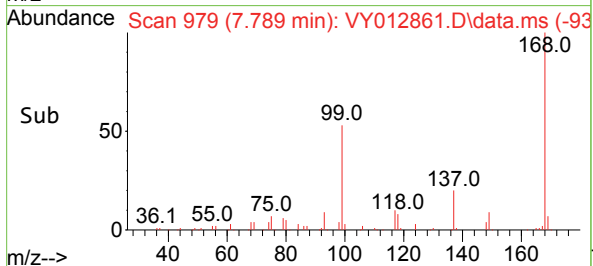


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBL01

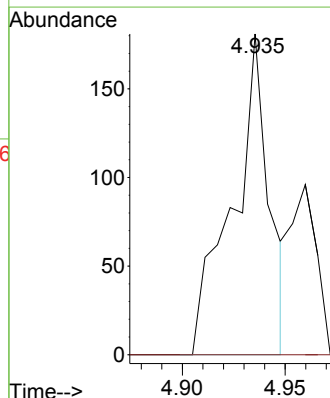
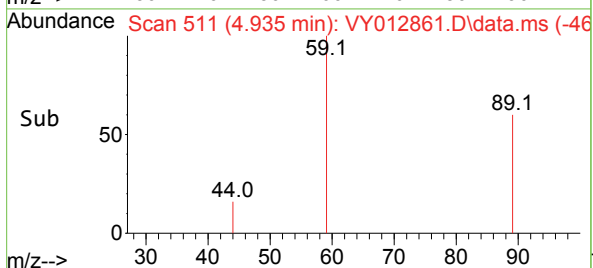
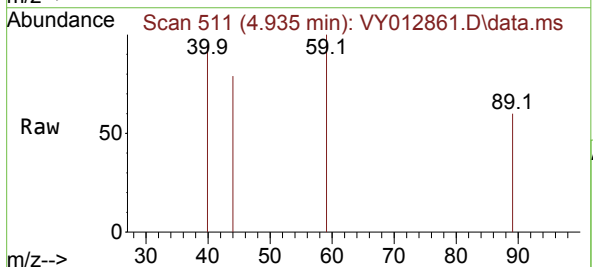


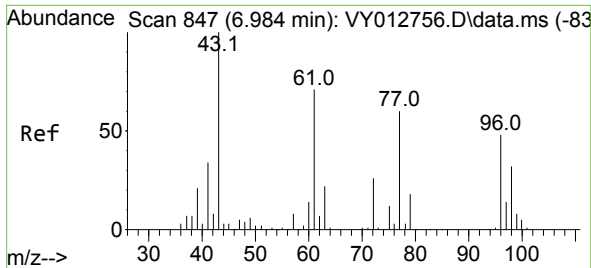
Tgt Ion:168 Resp: 81817
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.935 min Scan# 511
Delta R.T. -0.013 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

Tgt Ion: 59 Resp: 223
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

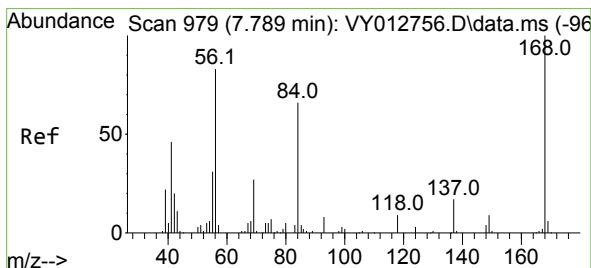
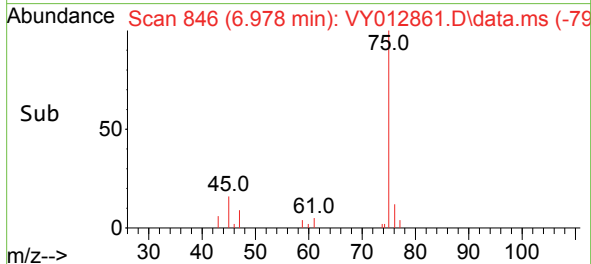
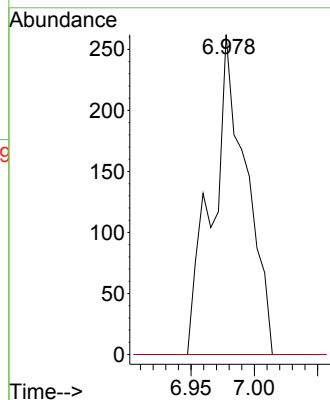
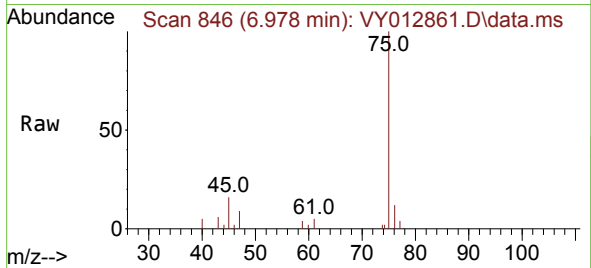




#25
2-Butanone
Concen: 1.241 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

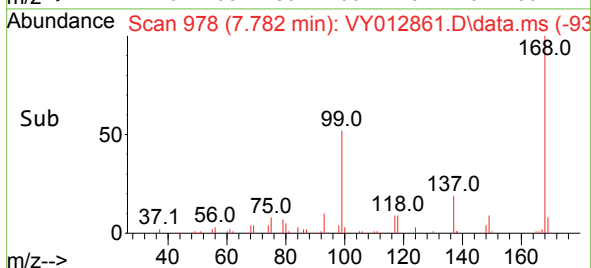
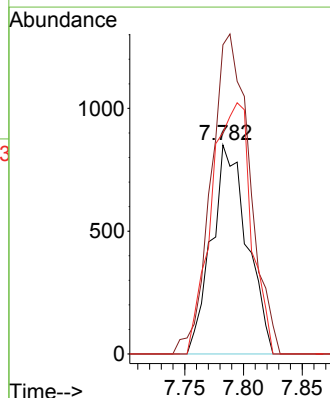
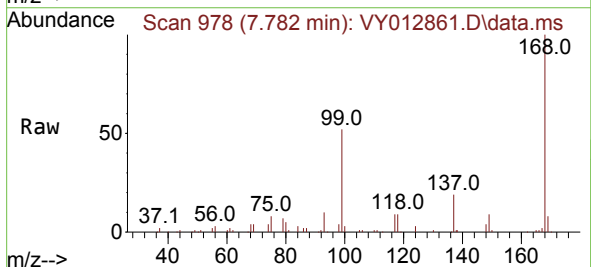
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBL01

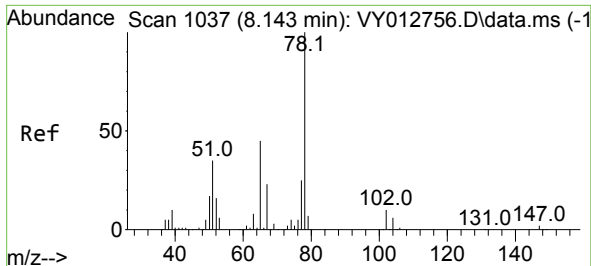
Tgt Ion: 43 Resp: 490
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.007 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

Tgt Ion: 56 Resp: 1791
Ion Ratio Lower Upper
56 100
69 147.9 25.7 38.5#
84 105.9 64.3 96.5#

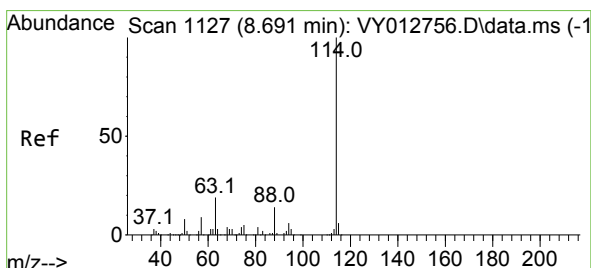
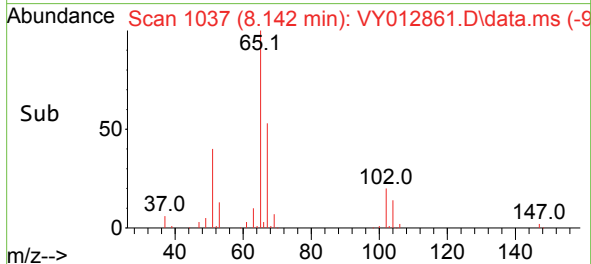
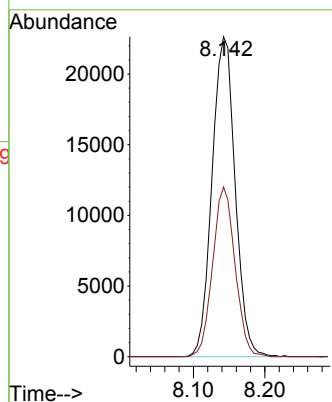
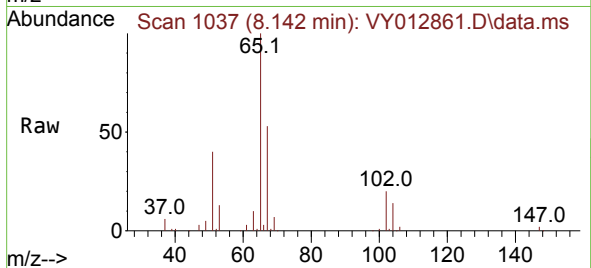




#33
 1,2-Dichloroethane-d4
 Concen: 62.667 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012861.D
 Acq: 08 Mar 2023 11:23

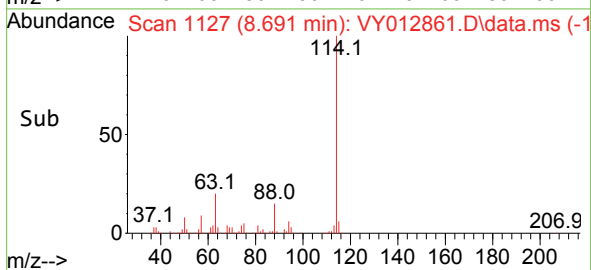
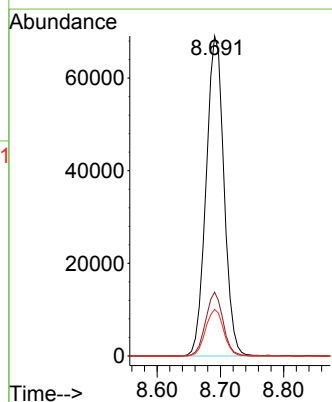
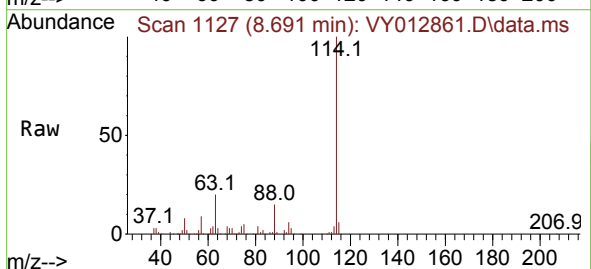
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0308SBL01

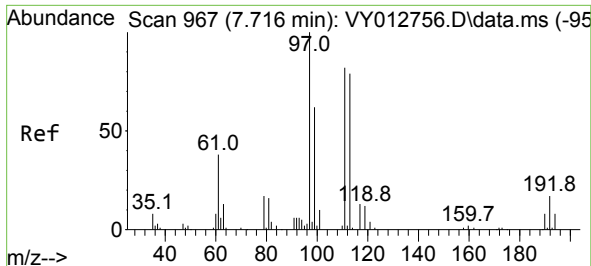
Tgt Ion: 65 Resp: 50907
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012861.D
 Acq: 08 Mar 2023 11:23

Tgt Ion: 114 Resp: 135895
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.4
 88 14.5 0.0 28.6

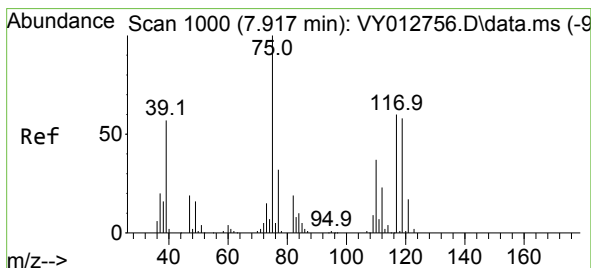
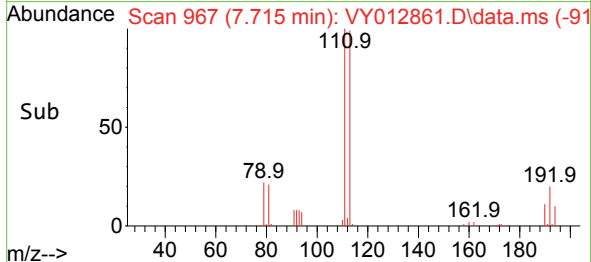
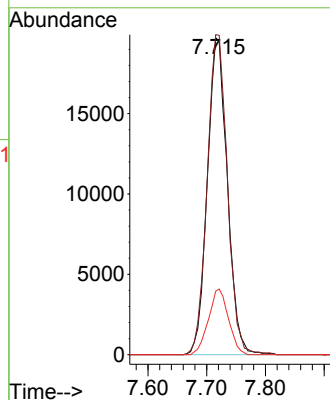
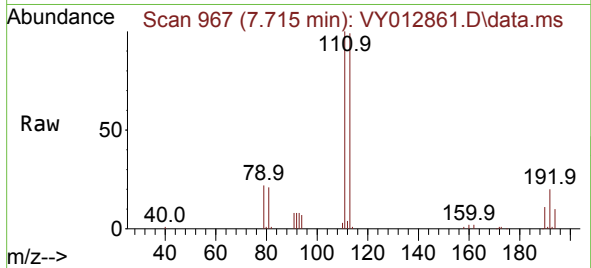




#35
Dibromofluoromethane
Concen: 56.894 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

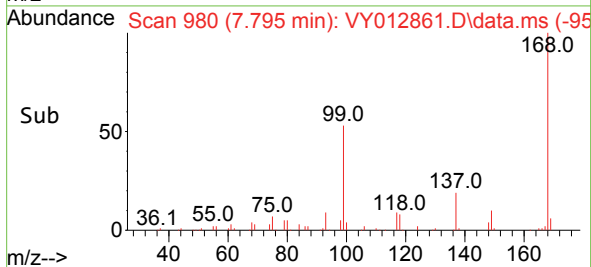
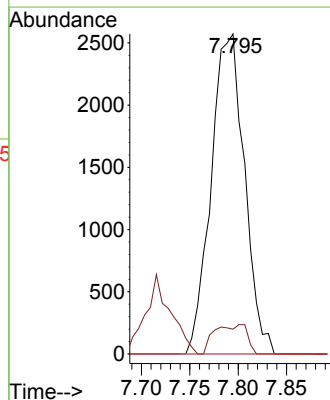
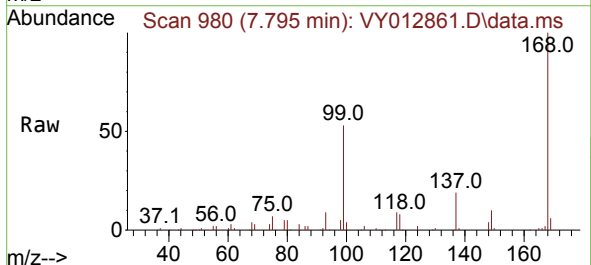
Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBL01

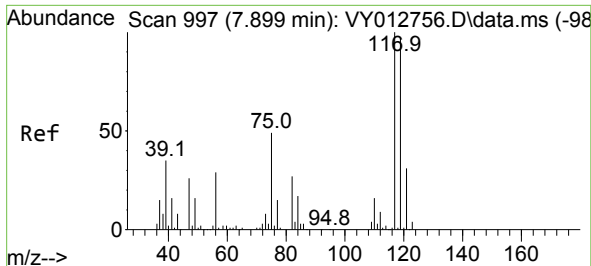
Tgt Ion:113 Resp: 46660
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.488 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

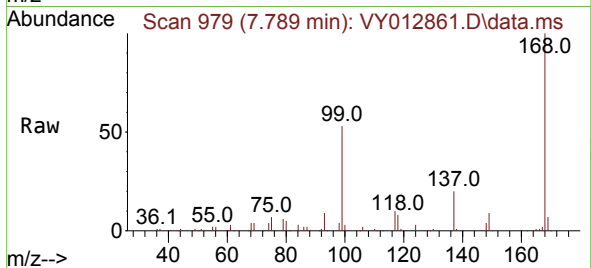
Tgt Ion: 75 Resp: 6168
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.3#
77 0.0 25.0 37.4#



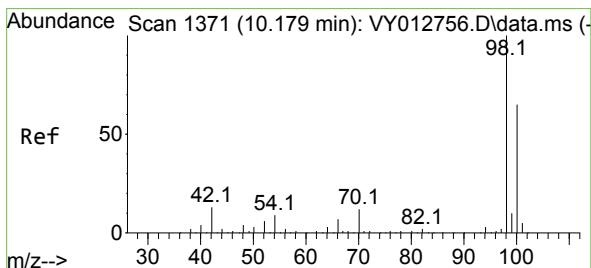
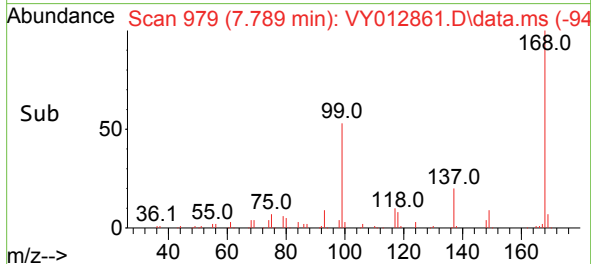
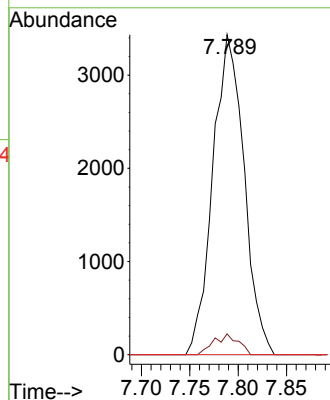


#38
Carbon Tetrachloride
Concen: 5.431 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0308SBL01

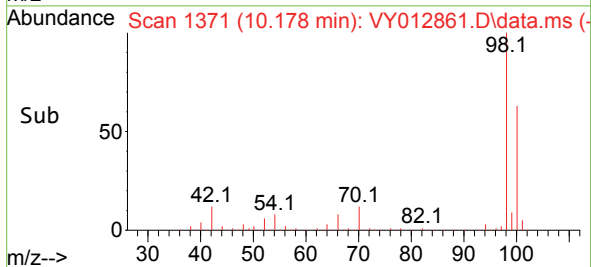
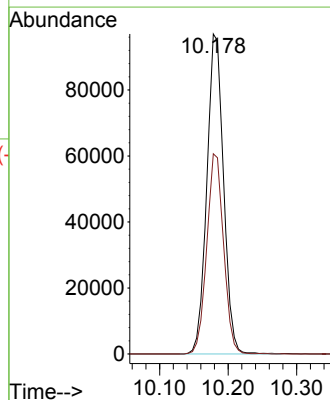
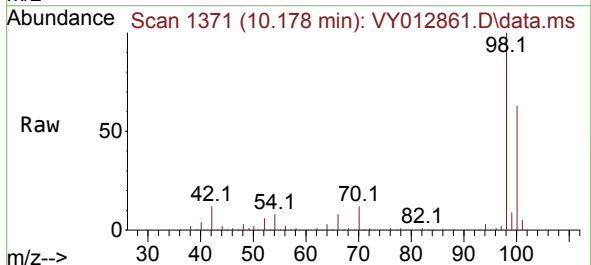


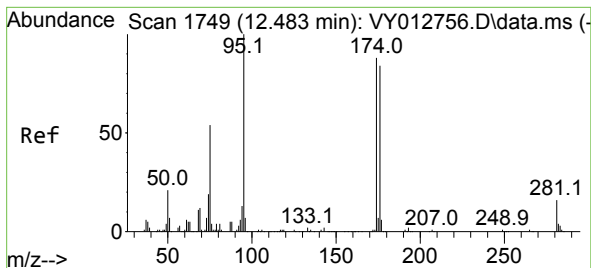
Tgt Ion:117 Resp: 7708
Ion Ratio Lower Upper
117 100
119 6.5 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.885 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

Tgt Ion: 98 Resp: 164557
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

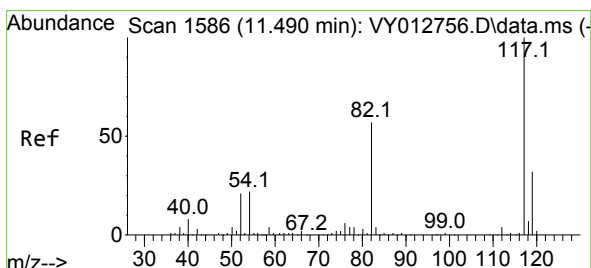
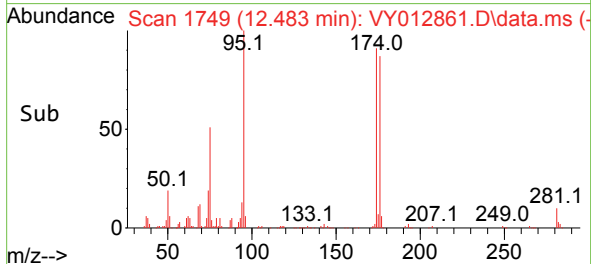
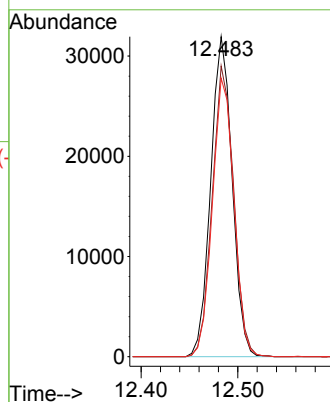
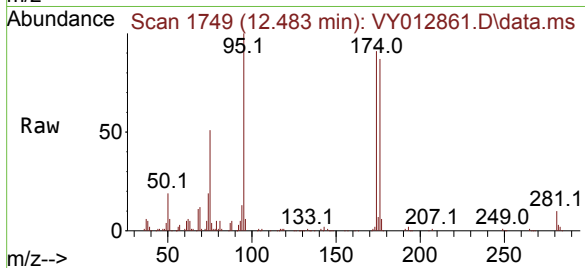




#62
4-Bromofluorobenzene
Concen: 48.495 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

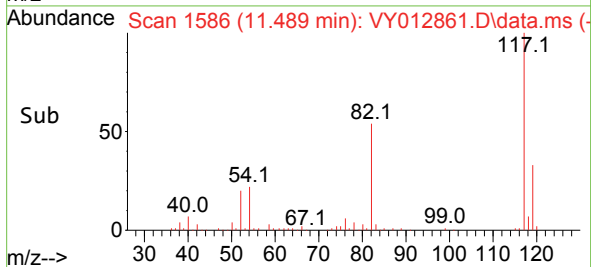
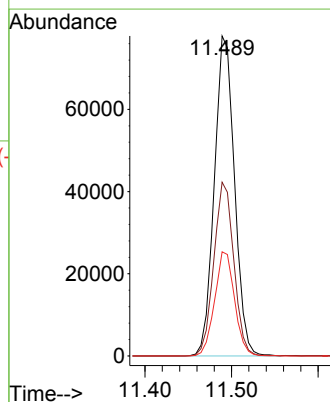
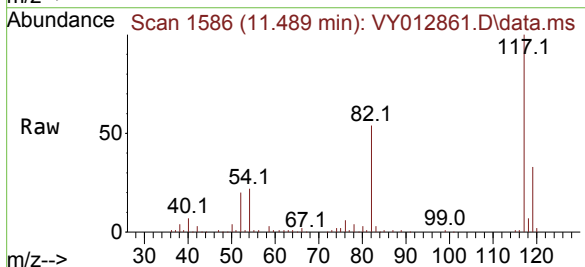
Instrument :
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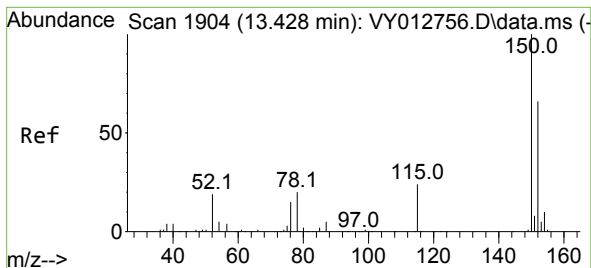
Tgt Ion: 95 Resp: 49075
Ion Ratio Lower Upper
95 100
174 91.0 0.0 176.6
176 87.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

Tgt Ion: 117 Resp: 126093
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.0
119 32.5 25.6 38.4

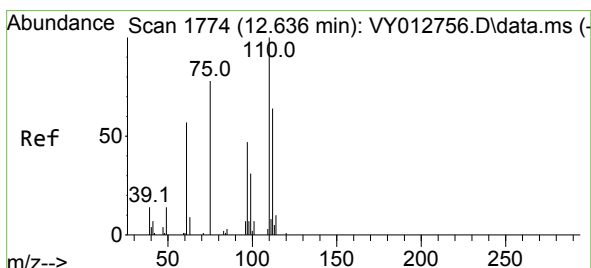
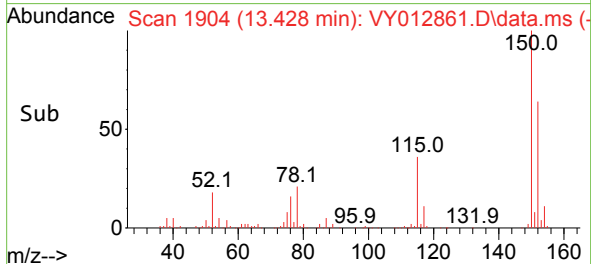
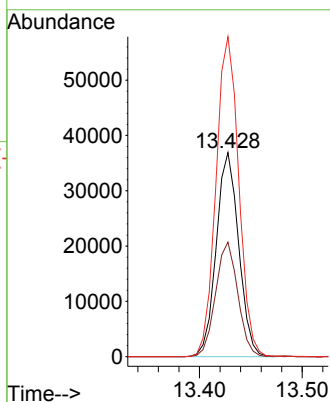
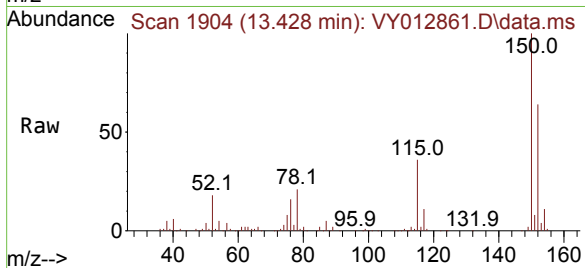




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

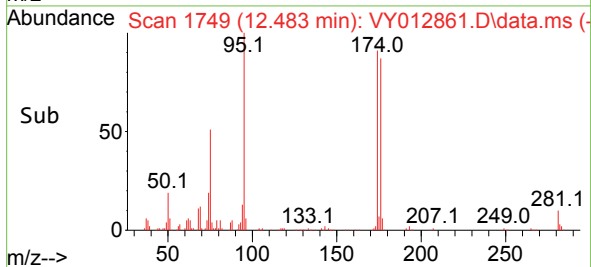
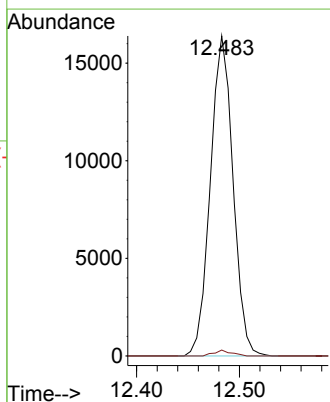
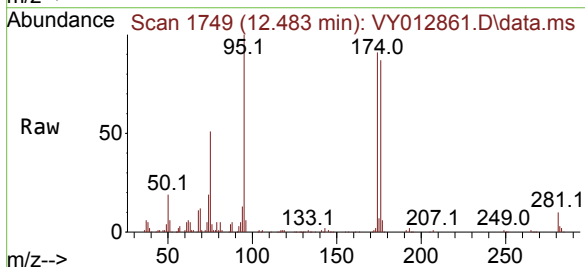
Instrument :
MSVOA_Y
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VY0308SBL01

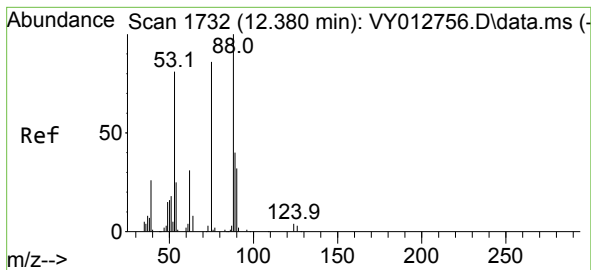
Tgt Ion:152 Resp: 55840
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 159.3 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 37.632 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012861.D
Acq: 08 Mar 2023 11:23

Tgt Ion: 75 Resp: 25094
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.975 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012861.D
 Acq: 08 Mar 2023 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0308SBL01

Tgt Ion: 75 Resp: 25094
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

