

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062124\
 Data File : VY018665.D
 Acq On : 21 Jun 2024 13:17
 Operator : SY/MD
 Sample : P2998-03
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 21 22:59:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

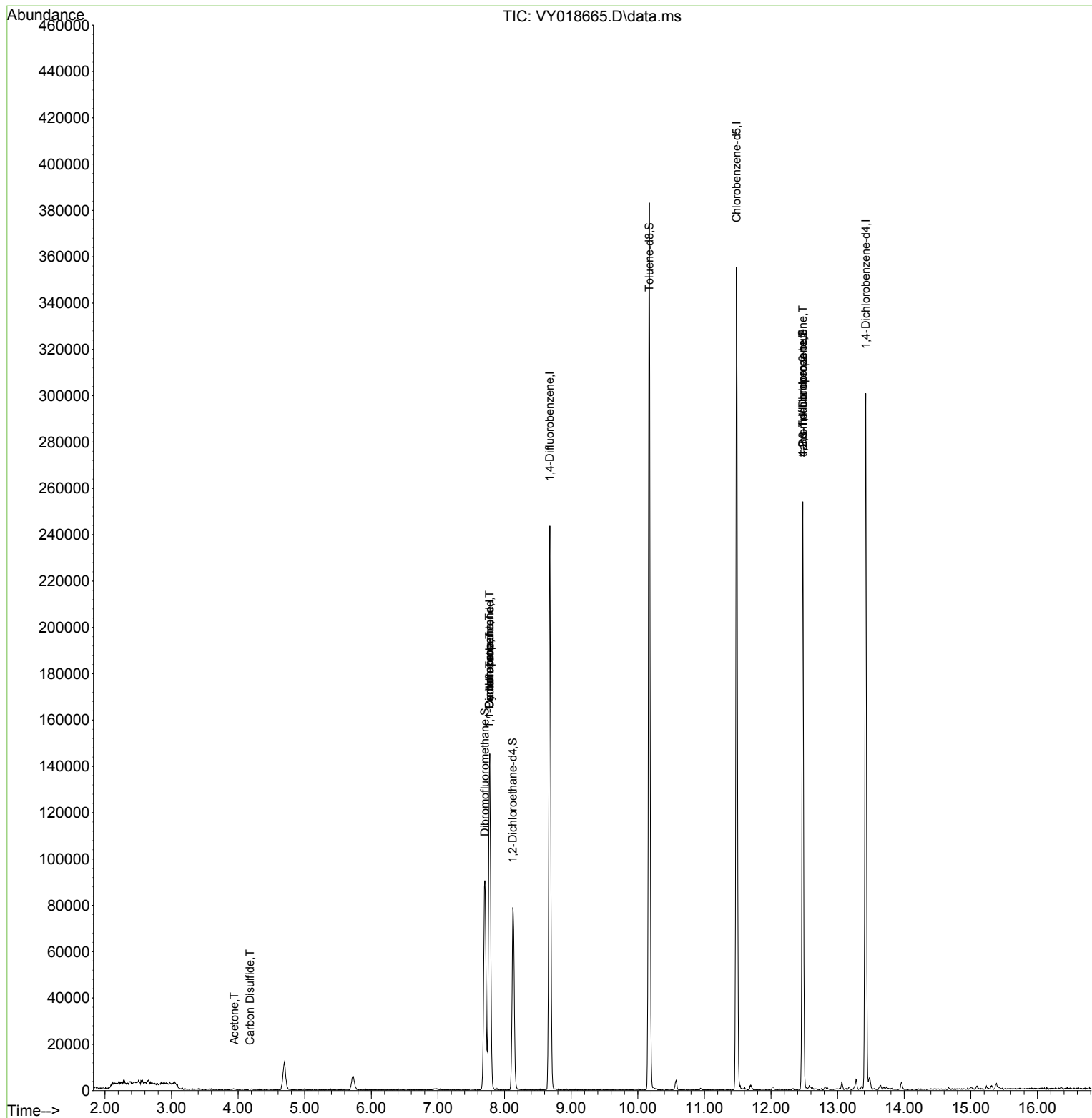
Internal Standards						
1) Pentafluorobenzene	7.777	168	113052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	210290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	194026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	62186	54.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.280%	
35) Dibromofluoromethane	7.704	113	65851	51.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.660%	
50) Toluene-d8	10.173	98	247058	50.081	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.477	95	74281	47.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.360%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	626	2.703	ug/l #	36
17) Carbon Disulfide	4.180	76	122	2.255	ug/l #	76
20) Methylene Chloride	4.692	84	8174	Below Cal		94
31) Cyclohexane	7.777	56	2366	1.357	ug/l #	51
36) 1,1-Dichloropropene	7.771	75	8874	5.026	ug/l #	48
38) Carbon Tetrachloride	7.777	117	11068	5.975	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	38876	53.850	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38876	141.052	ug/l #	16

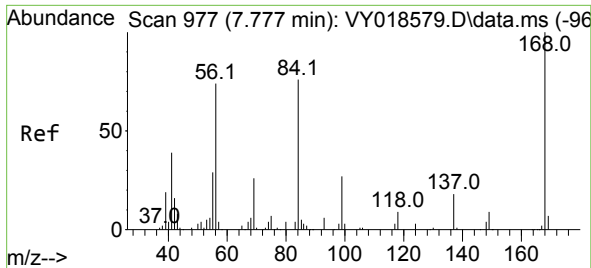
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

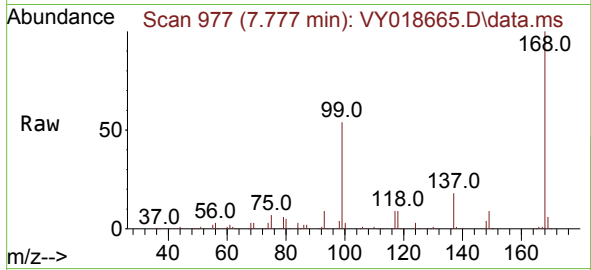
Quant Time: Jun 21 22:59:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



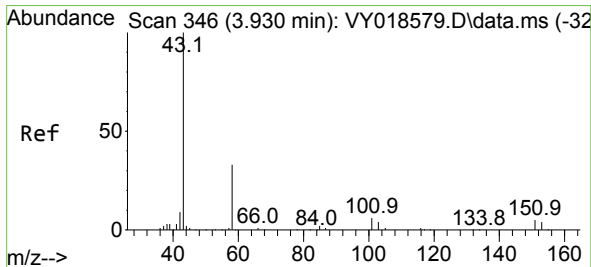
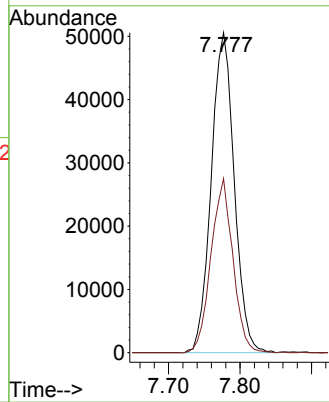
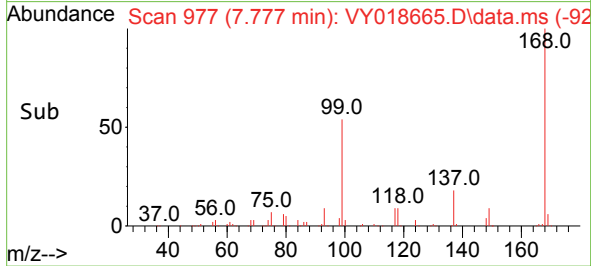


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :

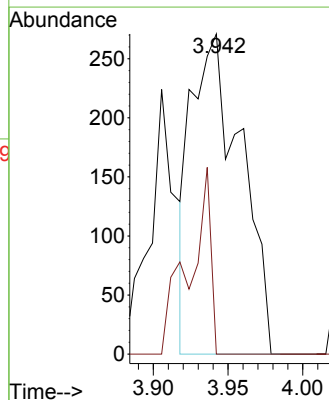
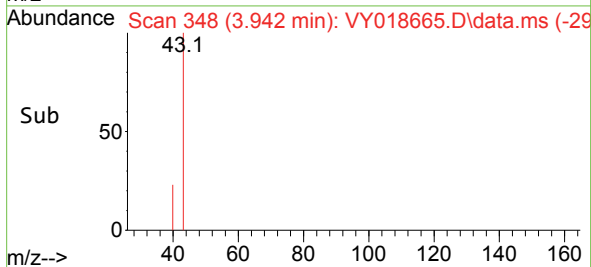
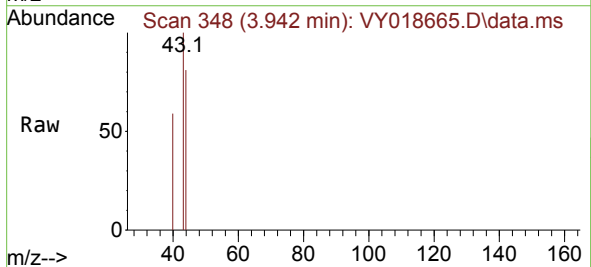


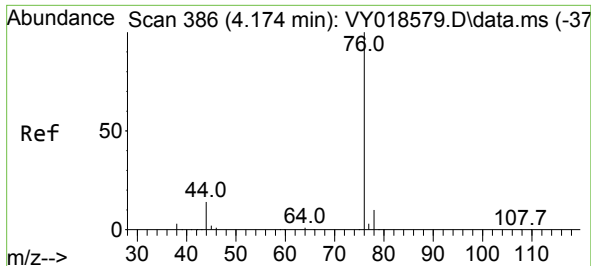
Tgt Ion:168 Resp: 113052
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#16
Acetone
Concen: 2.703 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.012 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

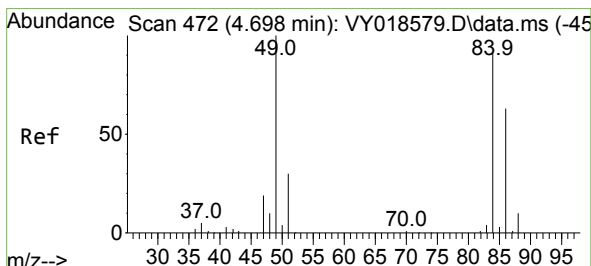
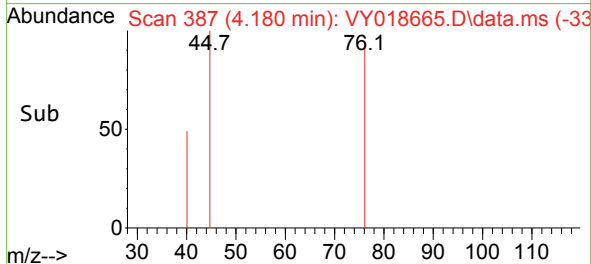
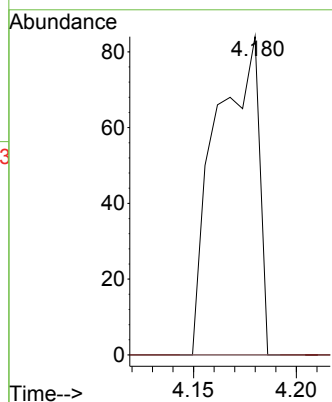
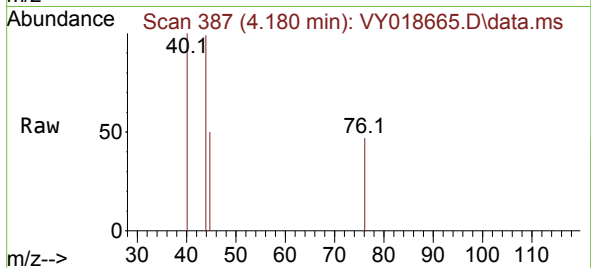




#17
Carbon Disulfide
Concen: 2.255 ug/l
RT: 4.180 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

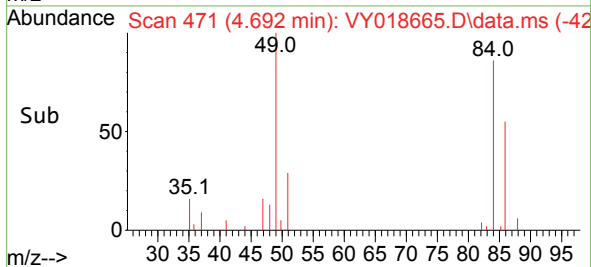
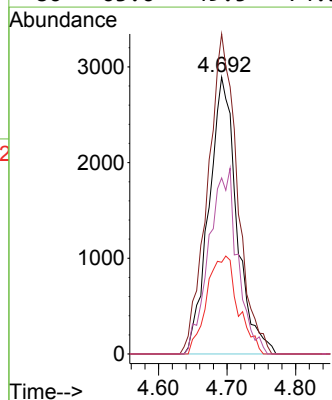
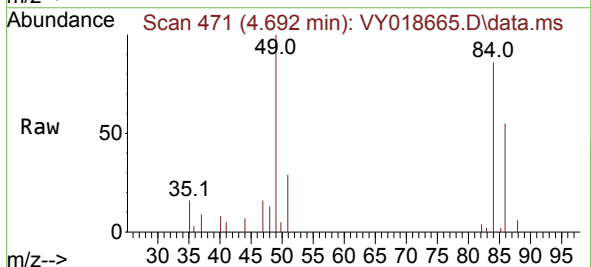
Instrument :
MSVOA_Y
ClientSampleId :

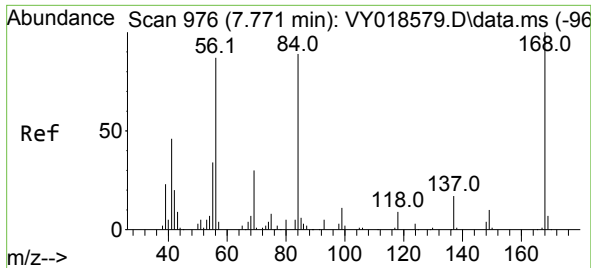
Tgt Ion: 76 Resp: 122
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

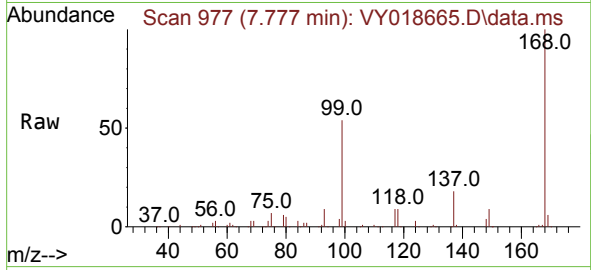
Tgt Ion: 84 Resp: 8174
Ion Ratio Lower Upper
84 100
49 115.6 84.4 126.6
51 33.1 26.0 39.0
86 63.6 49.5 74.3



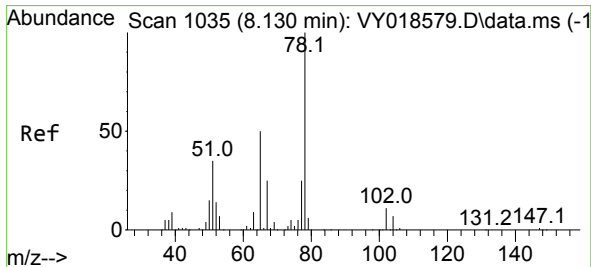
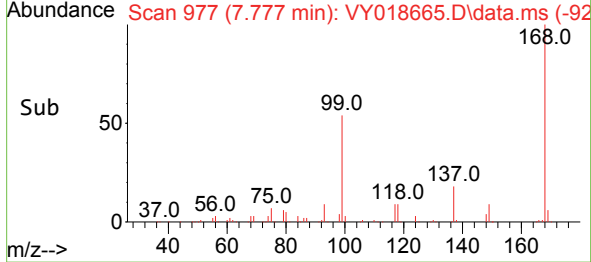
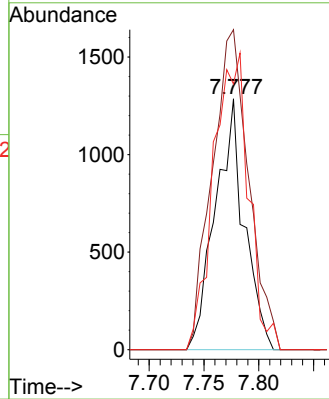


#31
Cyclohexane
Concen: 1.357 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :

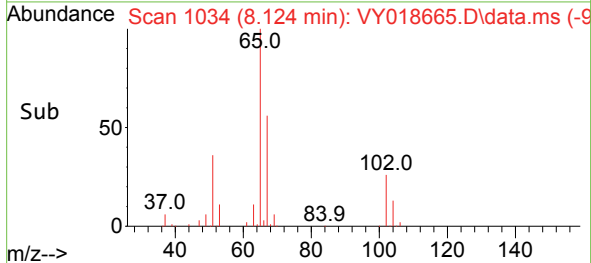
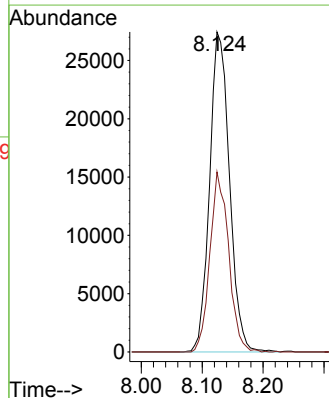
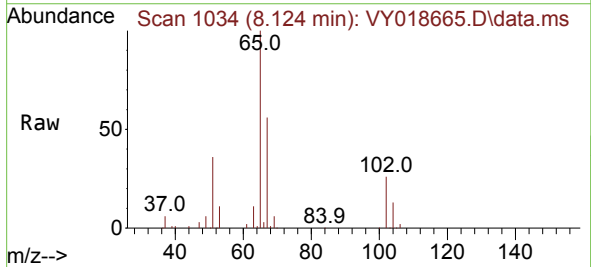


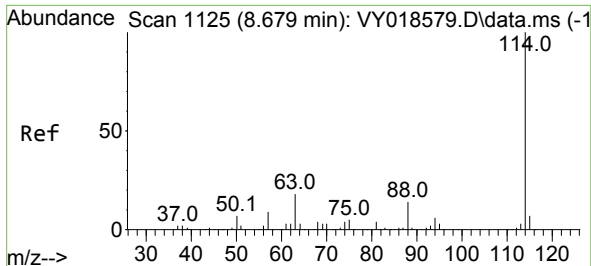
Tgt Ion: 56 Resp: 2366
Ion Ratio Lower Upper
56 100
69 127.5 28.7 43.1#
84 105.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 54.636 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

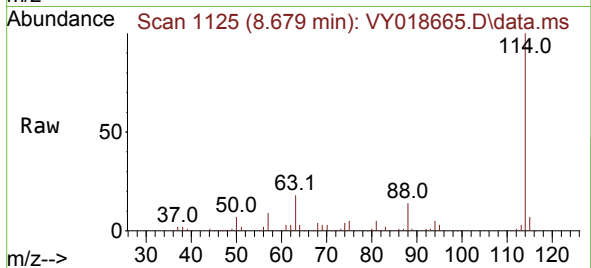
Tgt Ion: 65 Resp: 62186
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6



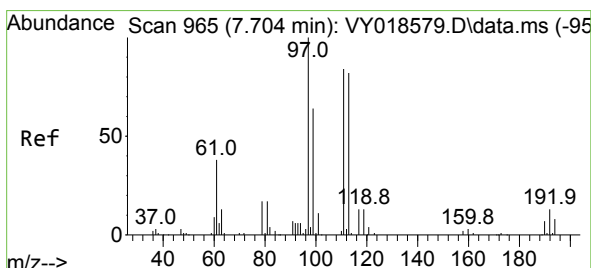
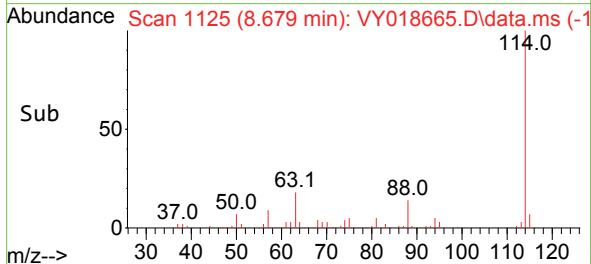
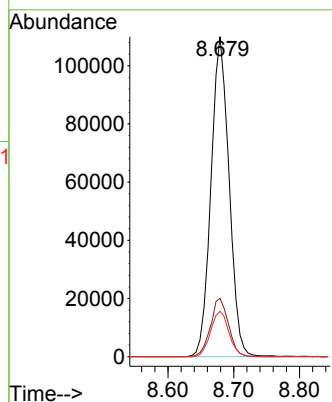


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :

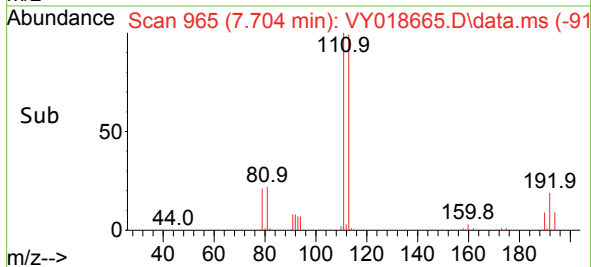
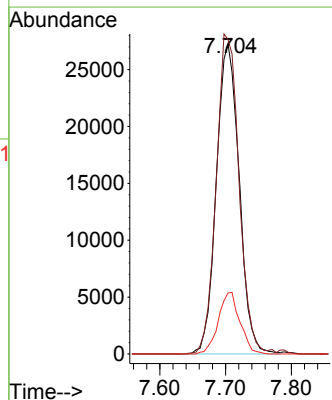
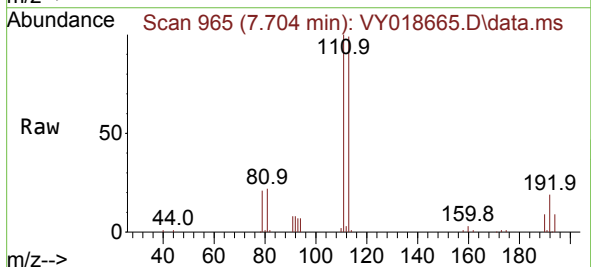


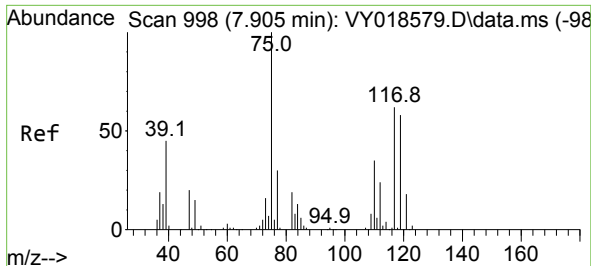
Tgt Ion:114 Resp: 210290
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.334 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

Tgt Ion:113 Resp: 65851
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 18.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.026 ug/l

RT: 7.771 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018665.D

Acq: 21 Jun 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

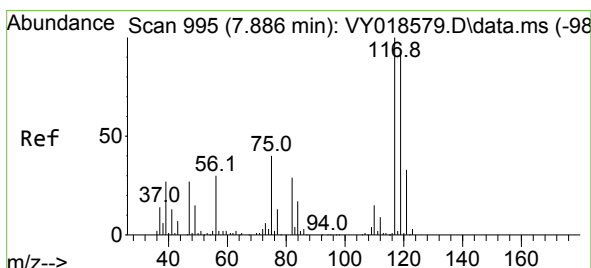
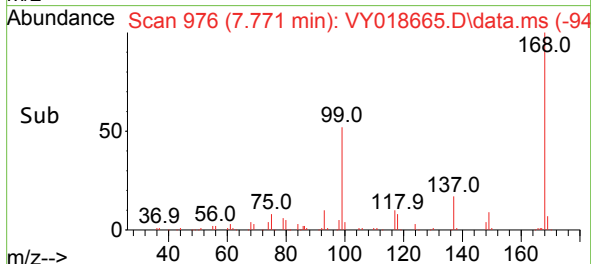
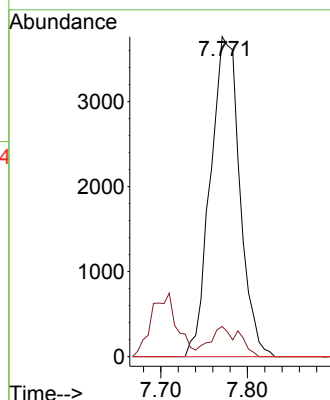
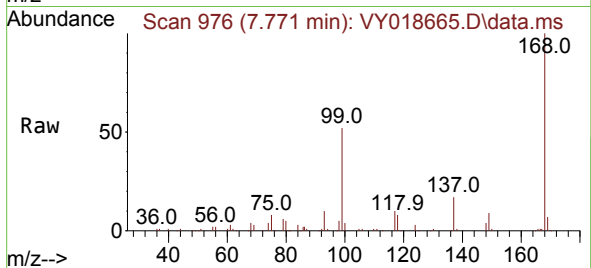
Tgt Ion: 75 Resp: 8874

Ion Ratio Lower Upper

75 100

110 9.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.975 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.110 min

Lab File: VY018665.D

Acq: 21 Jun 2024 13:17

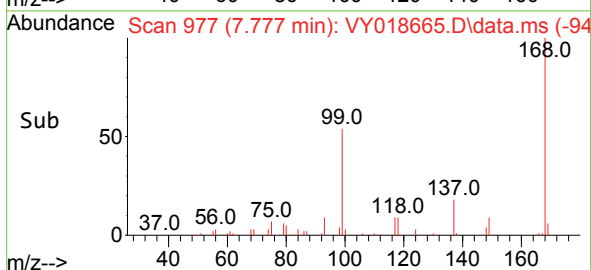
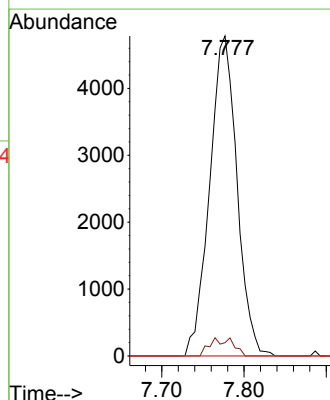
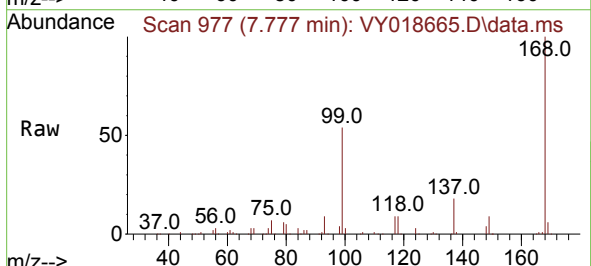
Tgt Ion: 117 Resp: 11068

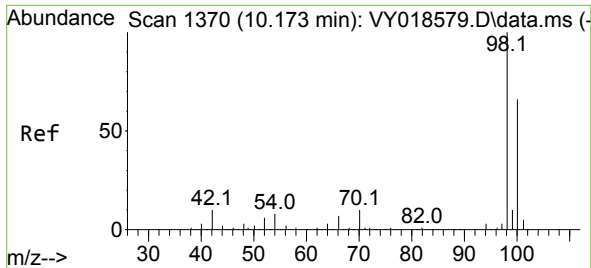
Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.6#

121 0.0 24.0 36.0#

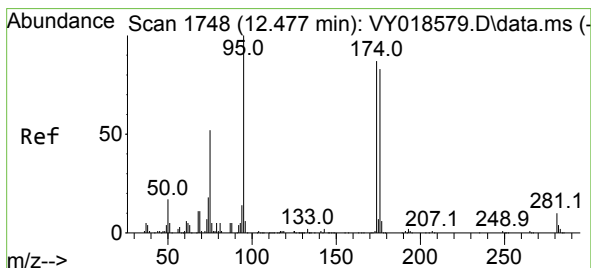
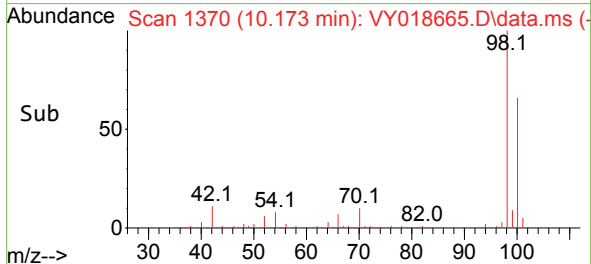
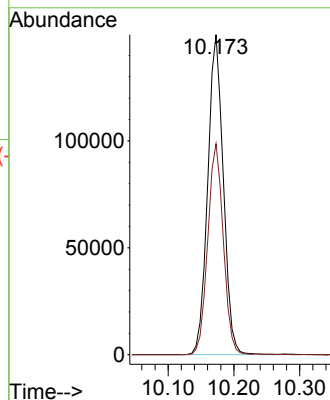
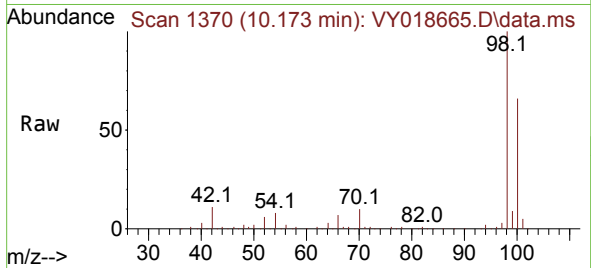




#50
Toluene-d8
Concen: 50.081 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

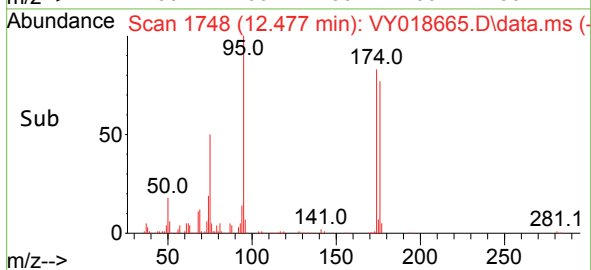
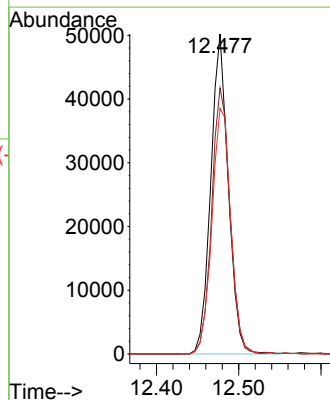
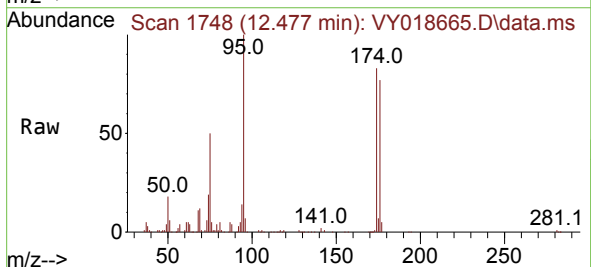
Instrument :
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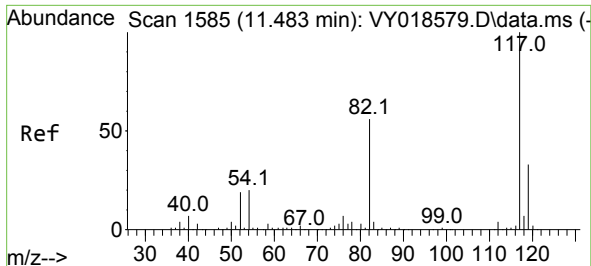
Tgt Ion: 98 Resp: 247058
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.684 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

Tgt Ion: 95 Resp: 74281
Ion Ratio Lower Upper
95 100
174 87.2 0.0 175.6
176 82.7 0.0 171.4

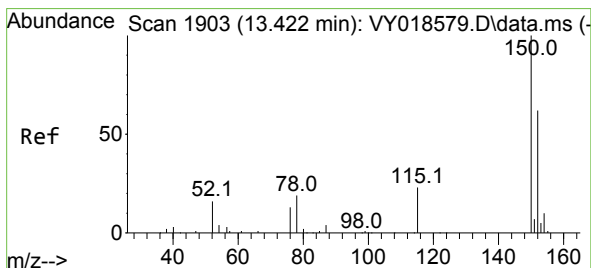
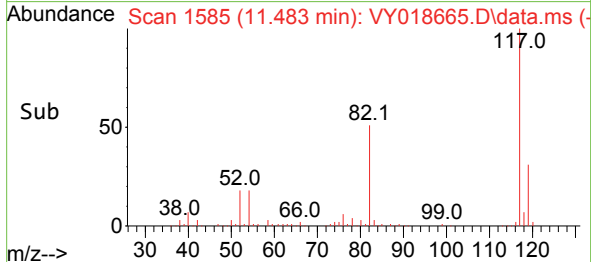
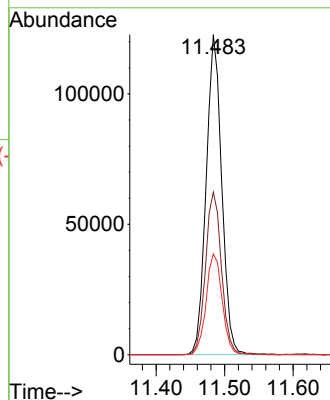
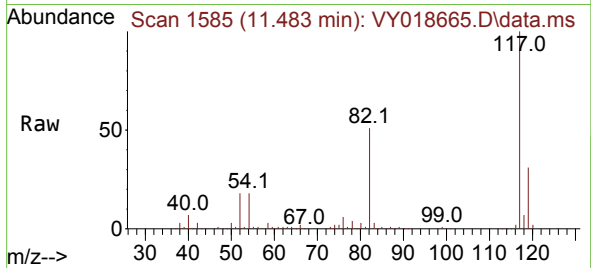




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

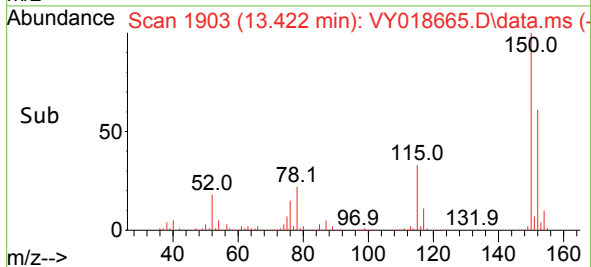
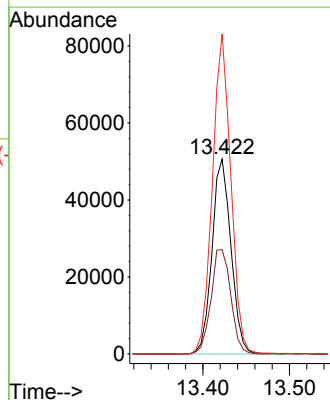
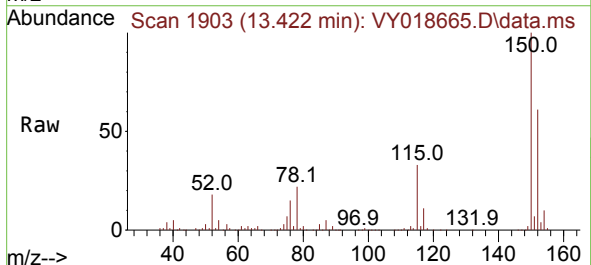
Instrument :
MSVOA_Y
ClientSampleId :

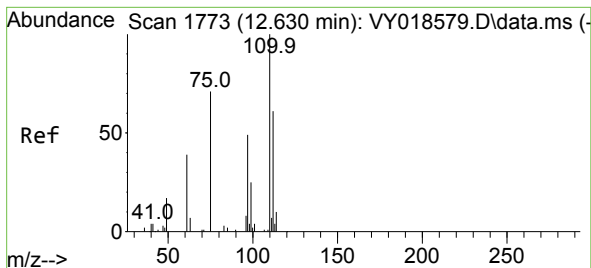
Tgt Ion:117 Resp: 194026
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

Tgt Ion:152 Resp: 76962
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 159.7 0.0 345.6

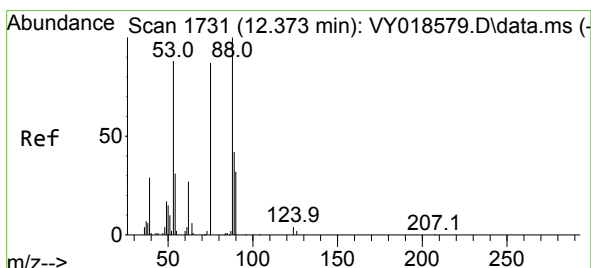
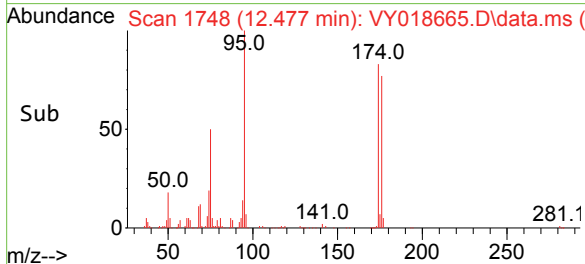
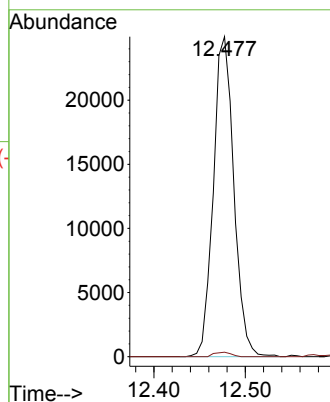
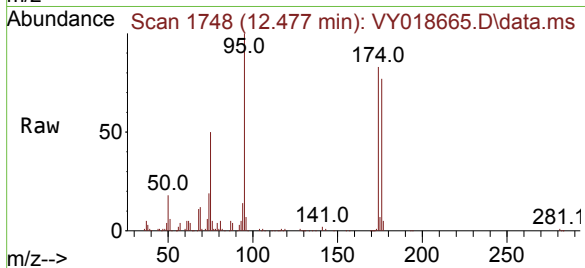




#76
1,2,3-Trichloropropane
Concen: 53.850 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38876
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.052 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018665.D
Acq: 21 Jun 2024 13:17

Tgt Ion: 75 Resp: 38876
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

