

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018617.D
 Acq On : 17 Jun 2024 18:55
 Operator : SY/MD
 Sample : P2916-03
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 01:27:49 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)

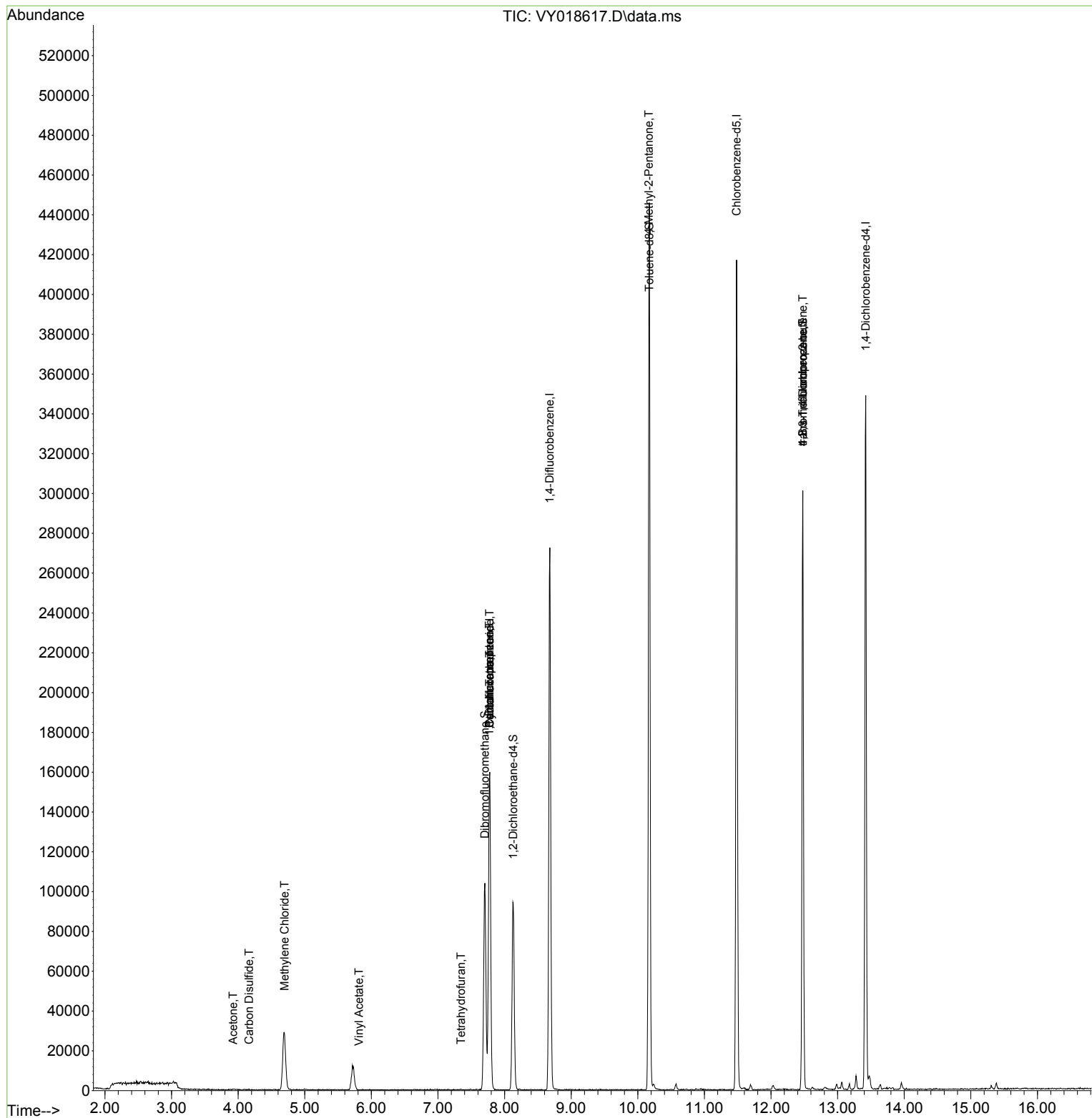
Internal Standards						
1) Pentafluorobenzene	7.777	168	122226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	235409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	220801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	74003	60.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.280%	
35) Dibromofluoromethane	7.703	113	72379	50.402	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.800%	
50) Toluene-d8	10.173	98	287338	52.031	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.060%	
62) 4-Bromofluorobenzene	12.477	95	85415	48.981	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.960%	
Target Compounds						Qvalue
16) Acetone	3.924	43	617	2.464	ug/l #	87
17) Carbon Disulfide	4.161	76	60	2.235	ug/l #	76
20) Methylene Chloride	4.698	84	21975	6.436	ug/l	94
23) Vinyl Acetate	5.814	43	23	23.703	ug/l #	67
29) Tetrahydrofuran	7.344	42	257	1.116	ug/l #	41
31) Cyclohexane	7.777	56	3147	1.670	ug/l #	33
36) 1,1-Dichloropropene	7.771	75	10561	5.343	ug/l #	49
38) Carbon Tetrachloride	7.777	117	12876	6.209	ug/l #	17
51) 4-Methyl-2-Pentanone	10.166	43	1184	1.292	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	48013	58.884	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48013	154.239	ug/l #	16

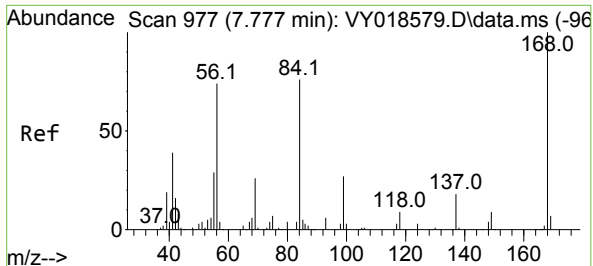
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
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MSVOA_Y
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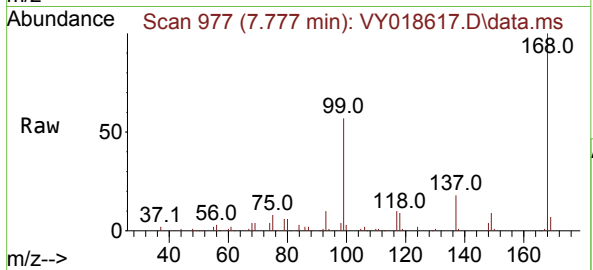
Quant Time: Jun 18 01:27:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



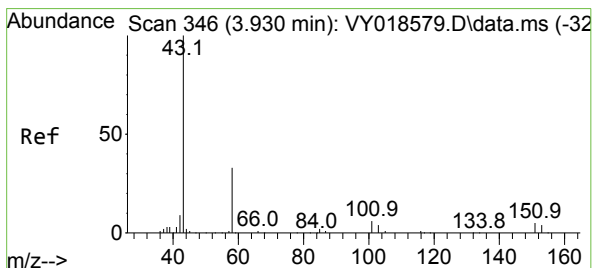
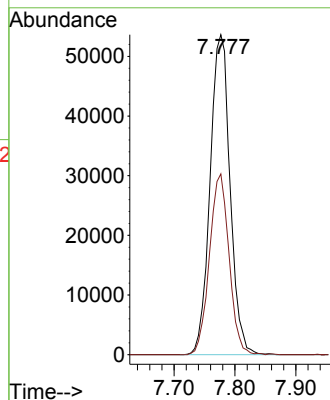
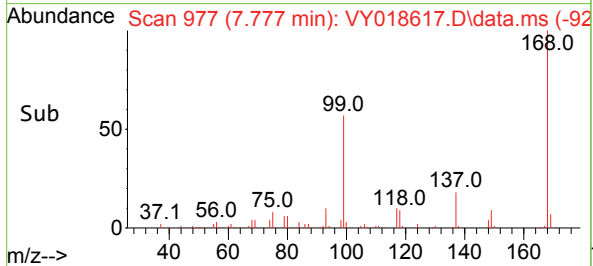


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

Instrument :
MSVOA_Y
ClientSampleId :

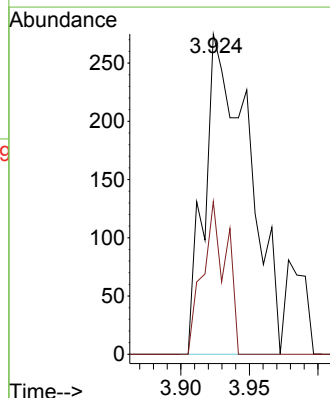
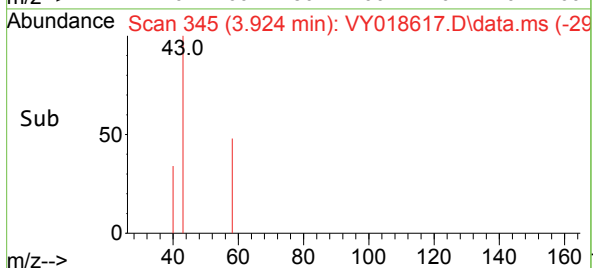
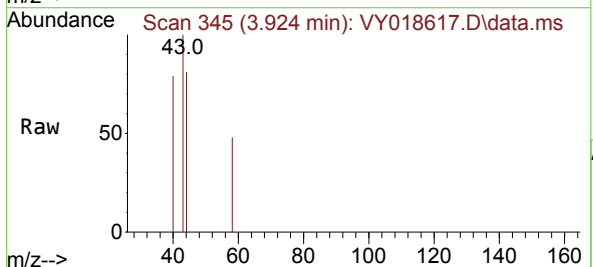


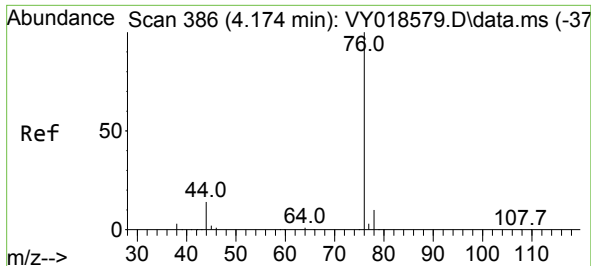
Tgt Ion:168 Resp: 122226
Ion Ratio Lower Upper
168 100
99 56.5 39.1 58.7



#16
Acetone
Concen: 2.464 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.006 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
58 47.6 31.7 47.5#

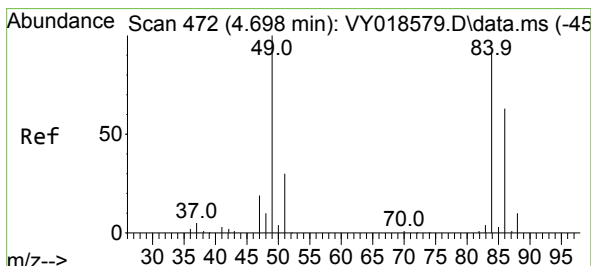
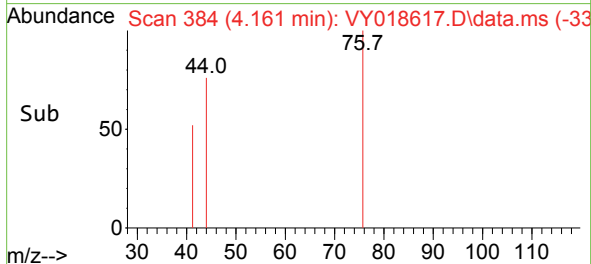
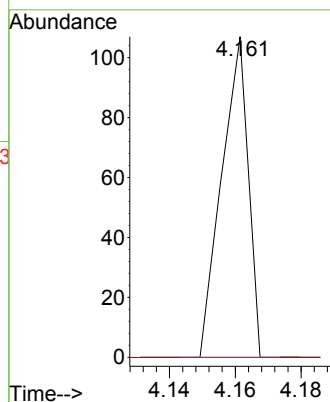
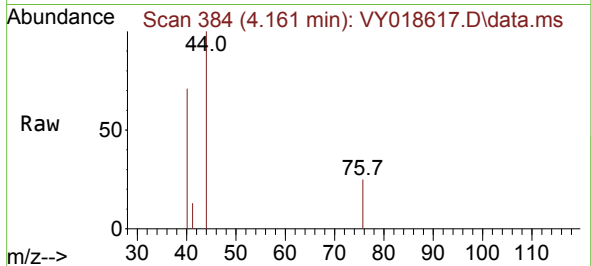




#17
Carbon Disulfide
Concen: 2.235 ug/l
RT: 4.161 min Scan# 384
Delta R.T. -0.013 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

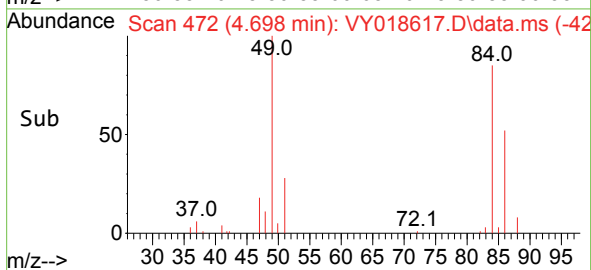
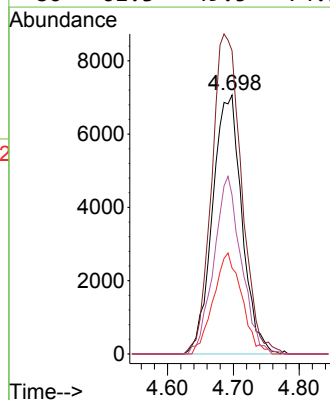
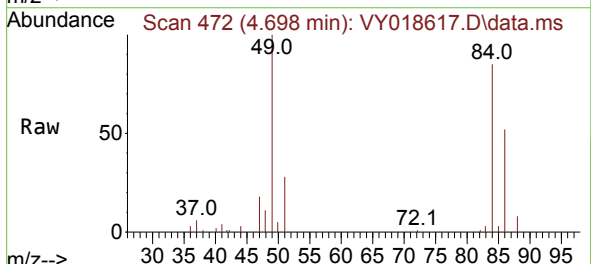
Instrument :
MSVOA_Y
ClientSampleId :

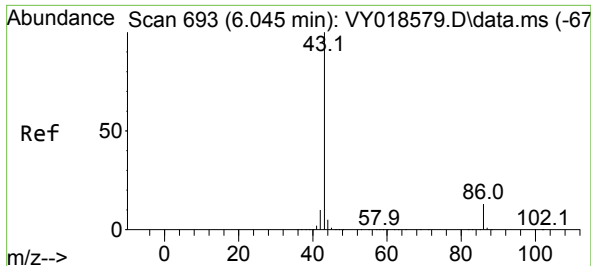
Tgt Ion: 76 Resp: 60
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 6.436 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

Tgt Ion: 84 Resp: 21975
Ion Ratio Lower Upper
84 100
49 117.1 84.4 126.6
51 33.2 26.0 39.0
86 61.3 49.5 74.3

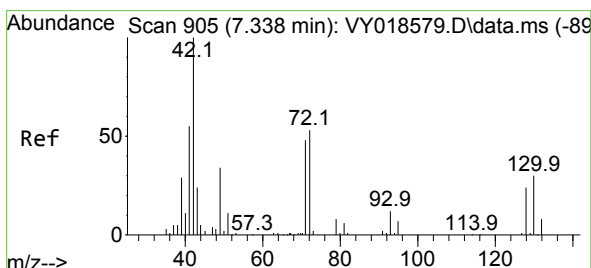
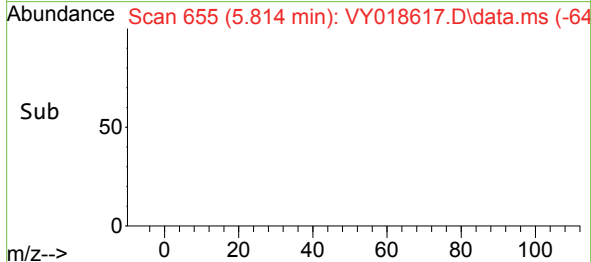
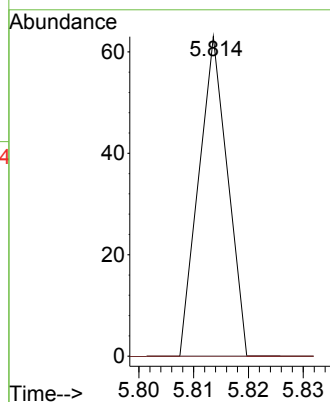
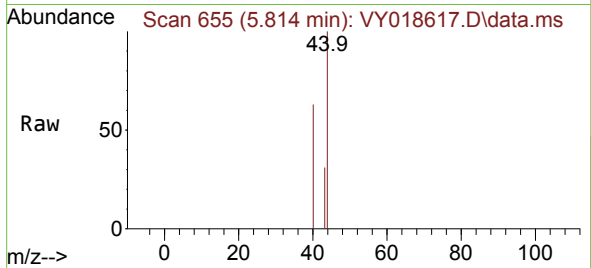




#23
 Vinyl Acetate
 Concen: 23.703 ug/l
 RT: 5.814 min Scan# 61
 Delta R.T. -0.231 min
 Lab File: VY018617.D
 Acq: 17 Jun 2024 18:55

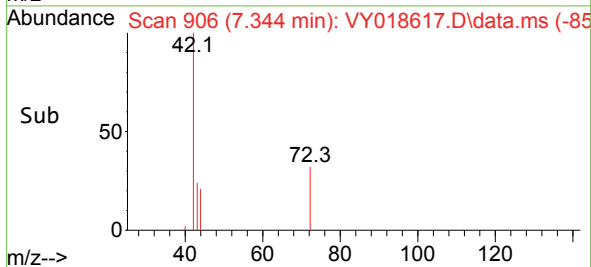
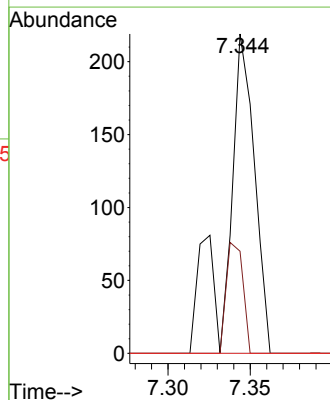
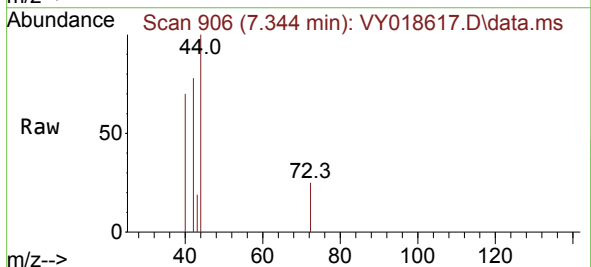
Instrument :
 MSVOA_Y
 ClientSampleId :

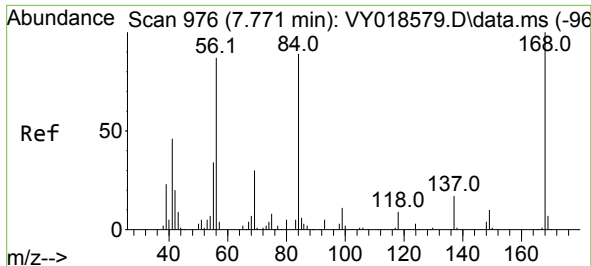
Tgt Ion: 43 Resp: 23
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#29
 Tetrahydrofuran
 Concen: 1.116 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.006 min
 Lab File: VY018617.D
 Acq: 17 Jun 2024 18:55

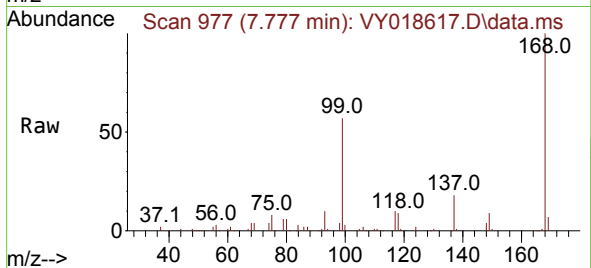
Tgt Ion: 42 Resp: 257
 Ion Ratio Lower Upper
 42 100
 72 20.6 43.0 64.4#
 71 0.0 40.8 61.2#



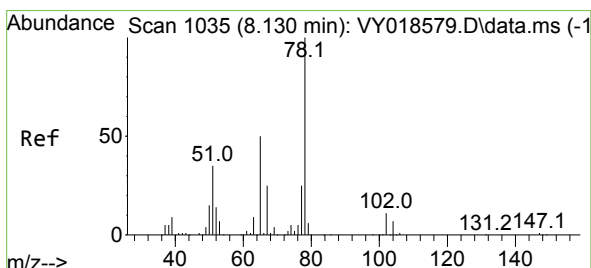
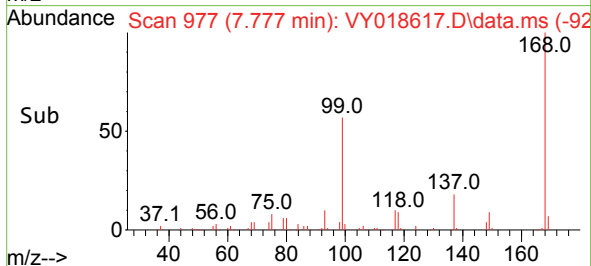
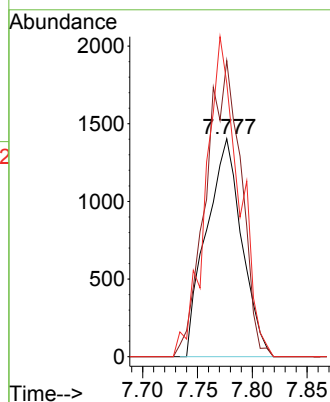


#31
Cyclohexane
Concen: 1.670 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

Instrument :
MSVOA_Y
ClientSampleId :

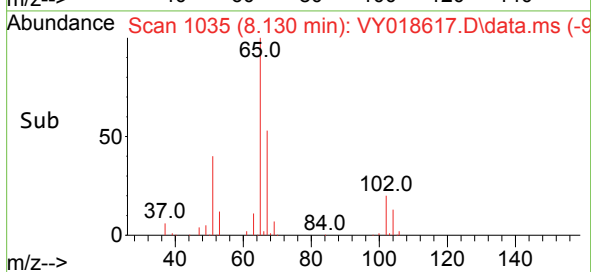
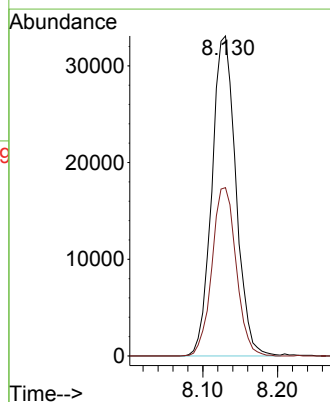
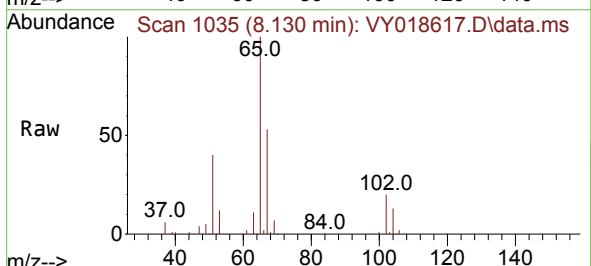


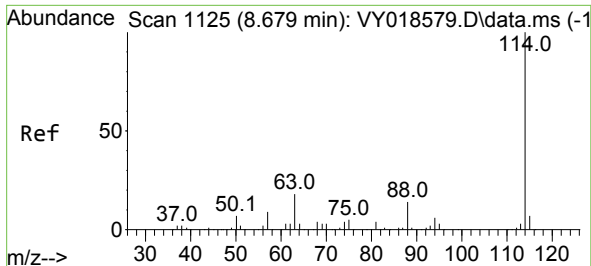
Tgt Ion: 56 Resp: 3147
Ion Ratio Lower Upper
56 100
69 135.8 28.7 43.1#
84 125.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 60.138 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

Tgt Ion: 65 Resp: 74003
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6

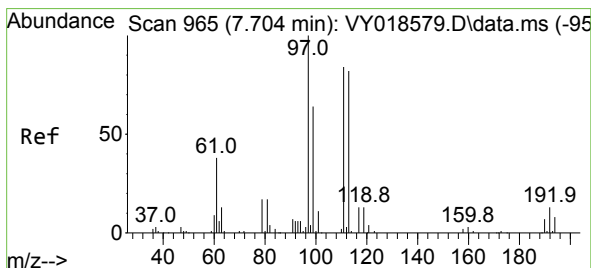
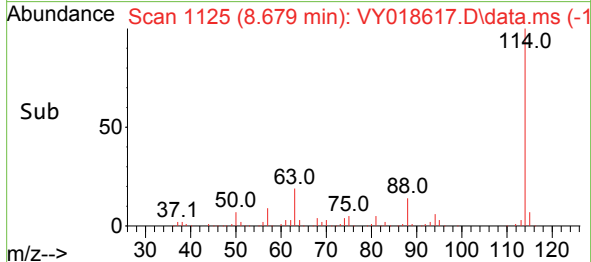
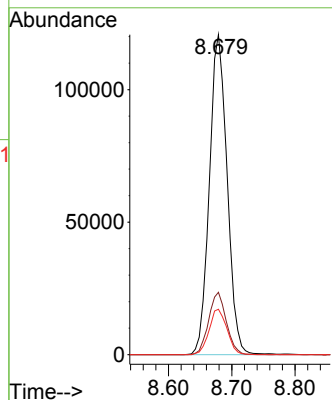
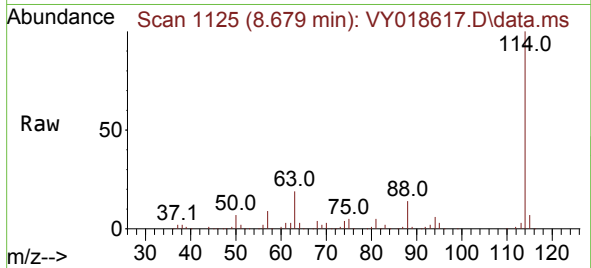




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

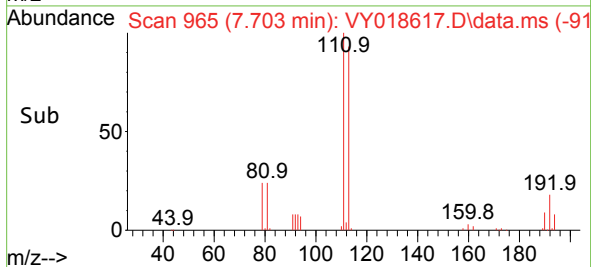
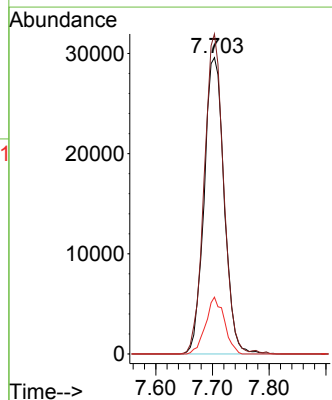
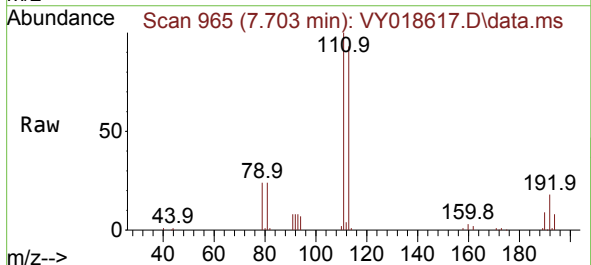
Instrument :
MSVOA_Y
ClientSampleId :

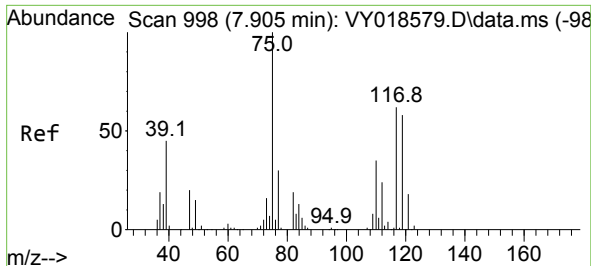
Tgt Ion:114 Resp: 235409
Ion Ratio Lower Upper
114 100
63 19.5 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.402 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

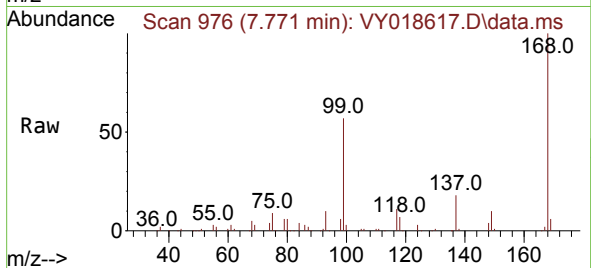
Tgt Ion:113 Resp: 72379
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 18.0 15.9 23.9



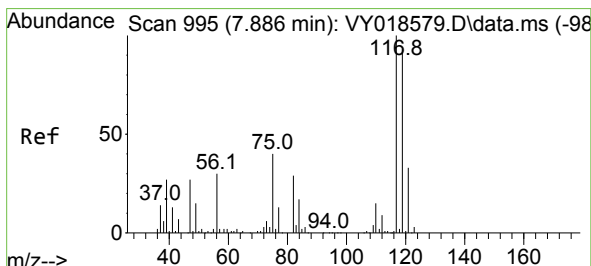
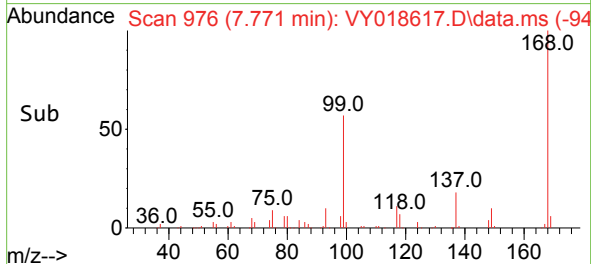
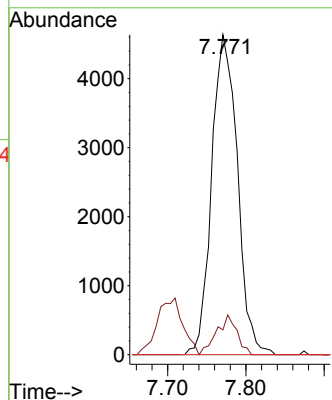


#36
1,1-Dichloropropene
Concen: 5.343 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

Instrument :
MSVOA_Y
ClientSampleId :

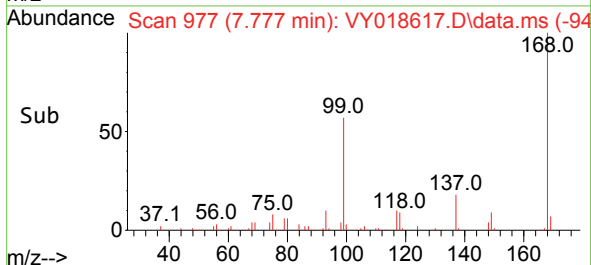
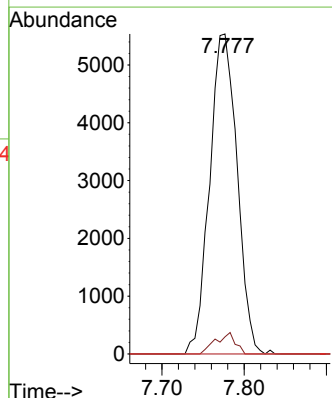
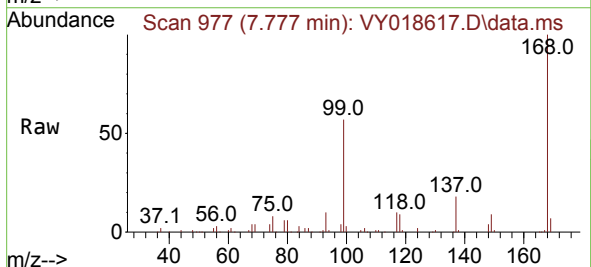


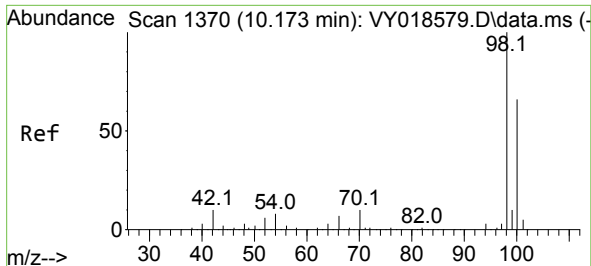
Tgt Ion: 75 Resp: 10561
Ion Ratio Lower Upper
75 100
110 9.8 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.209 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.110 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

Tgt Ion: 117 Resp: 12876
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#

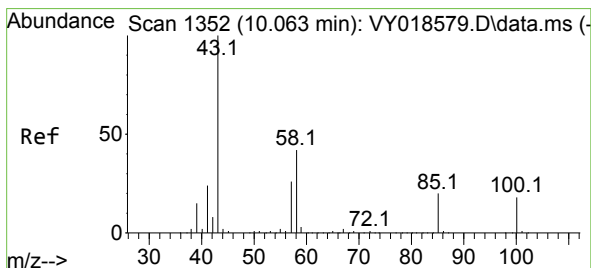
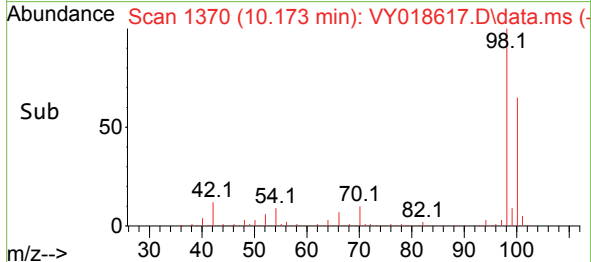
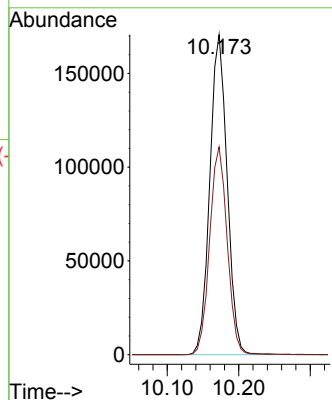
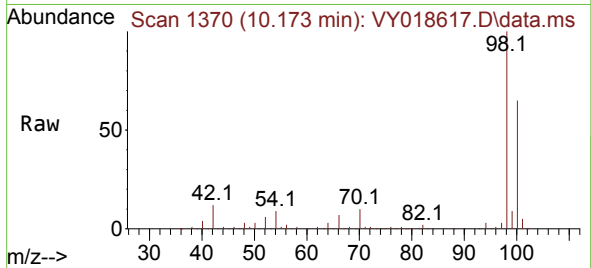




#50
Toluene-d8
Concen: 52.031 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

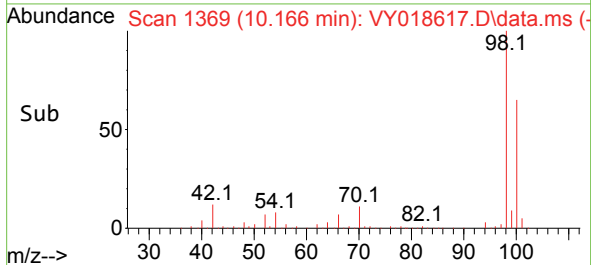
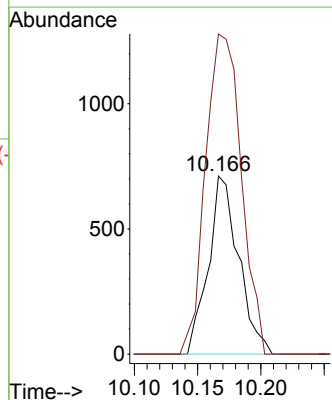
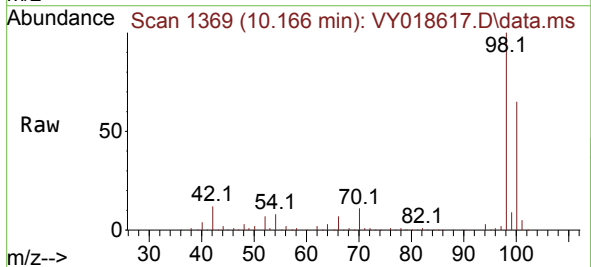
Instrument :
MSVOA_Y
ClientSampleId :

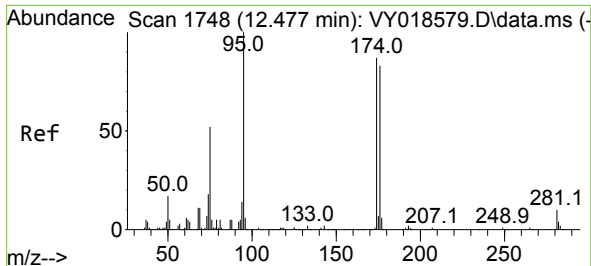
Tgt Ion: 98 Resp: 287338
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.292 ug/l
RT: 10.166 min Scan# 1369
Delta R.T. 0.104 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
58 212.3 35.7 53.5#

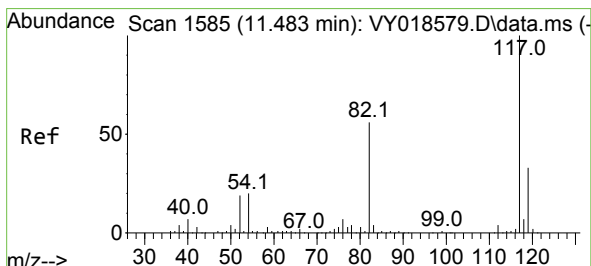
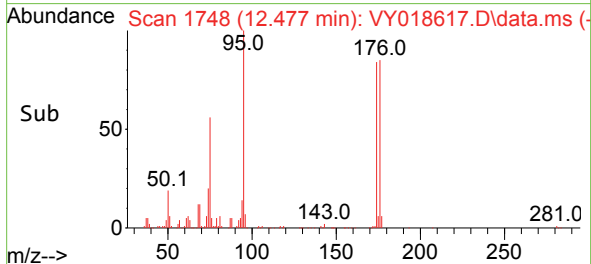
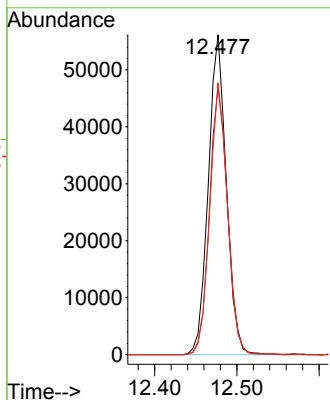
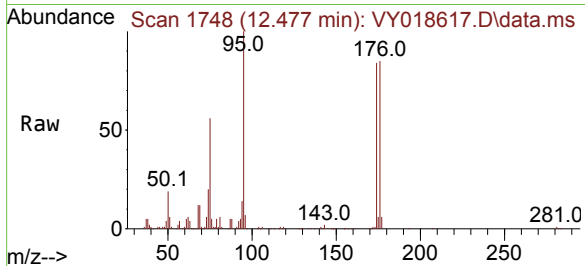




#62
4-Bromofluorobenzene
Concen: 48.981 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

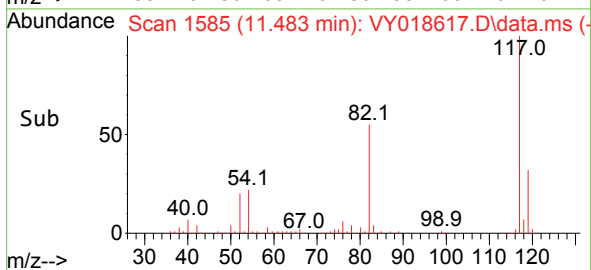
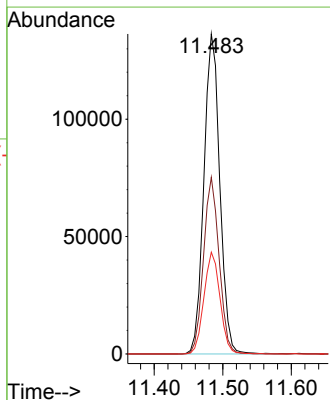
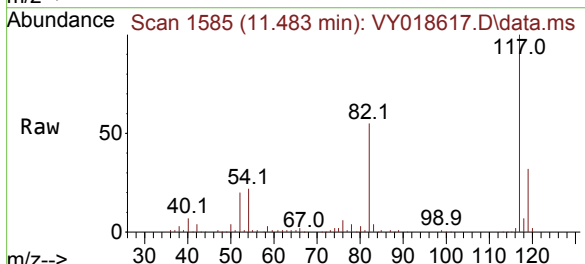
Instrument :
MSVOA_Y
ClientSampleId :

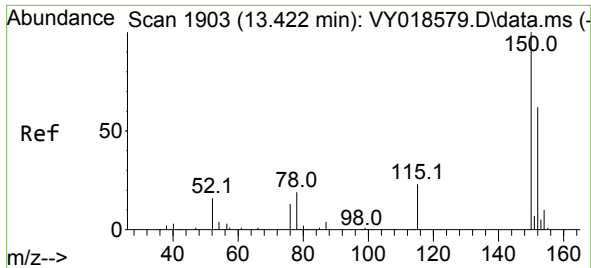
Tgt Ion: 95 Resp: 85415
Ion Ratio Lower Upper
95 100
174 84.3 0.0 175.6
176 82.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

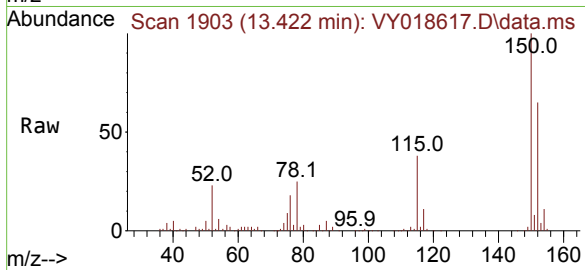
Tgt Ion: 117 Resp: 220801
Ion Ratio Lower Upper
117 100
82 55.2 42.4 63.6
119 31.8 25.9 38.9



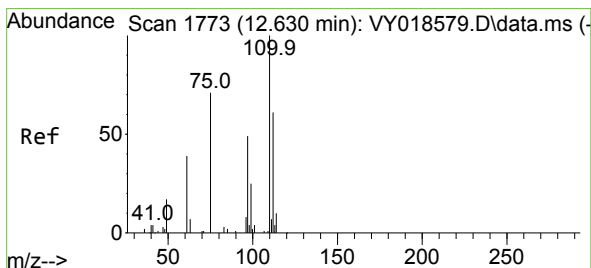
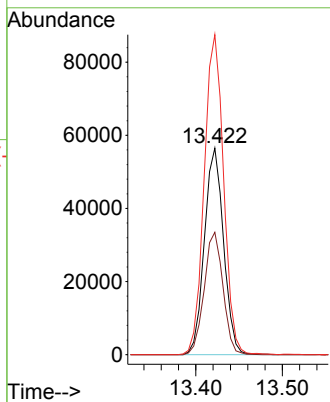
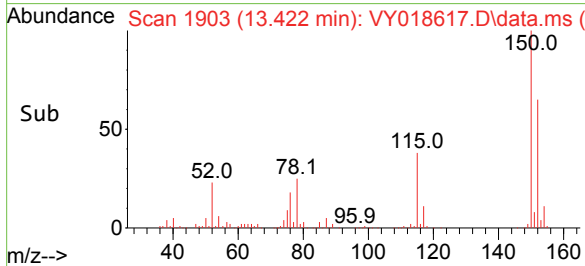


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018617.D
 Acq: 17 Jun 2024 18:55

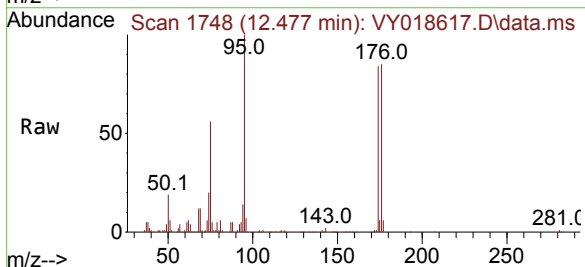
Instrument :
 MSVOA_Y
 ClientSampleId :



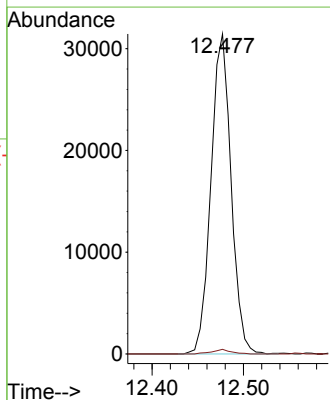
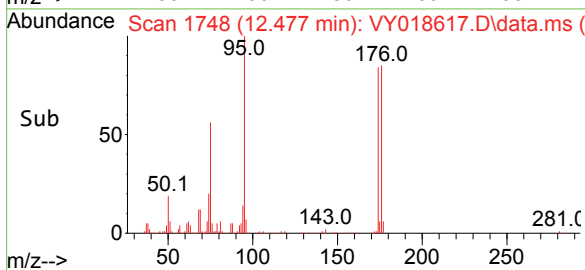
Tgt Ion:152 Resp: 86924
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 156.6 0.0 345.6

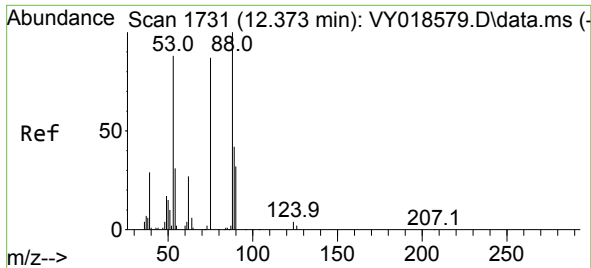


#76
 1,2,3-Trichloropropane
 Concen: 58.884 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY018617.D
 Acq: 17 Jun 2024 18:55



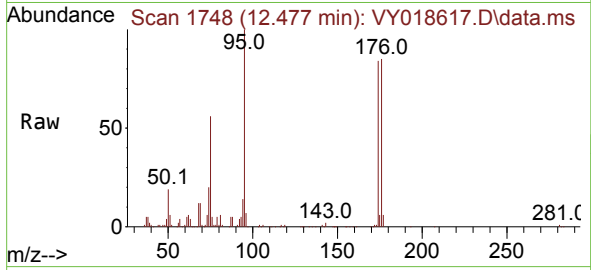
Tgt Ion: 75 Resp: 48013
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 154.239 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018617.D
Acq: 17 Jun 2024 18:55

Instrument :
MSVOA_Y
ClientSampleId :



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

