

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018613.D
 Acq On : 17 Jun 2024 16:42
 Operator : SY/MD
 Sample : P2887-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 01:25:56 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)

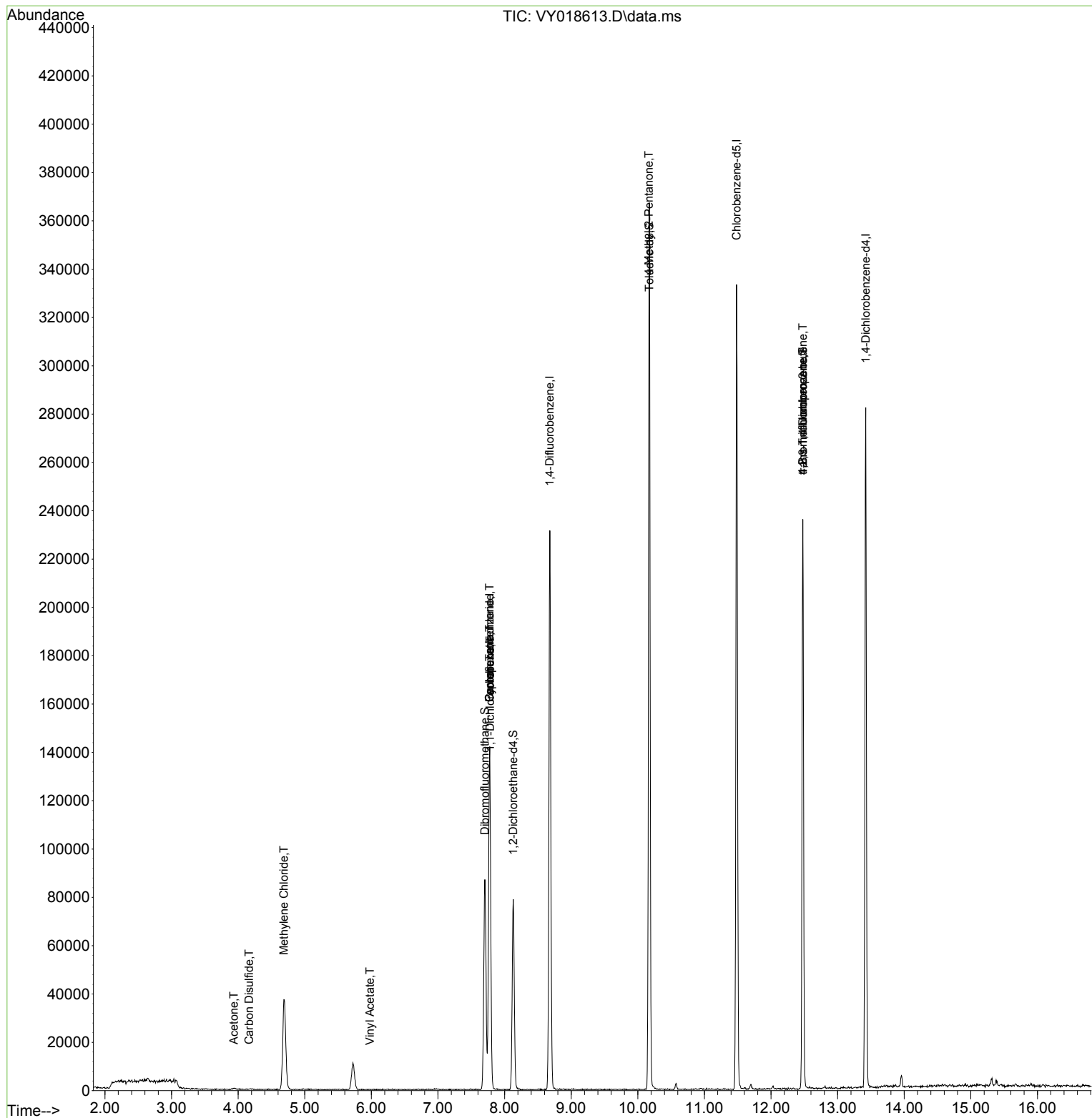
Internal Standards						
1) Pentafluorobenzene	7.777	168	106518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	196786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	181002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	58879	54.903	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.800%			
35) Dibromofluoromethane	7.704	113	61129	50.923	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.840%			
50) Toluene-d8	10.173	98	232258	50.311	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.620%			
62) 4-Bromofluorobenzene	12.477	95	69560	47.718	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.440%			
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	1051	4.817	ug/l	89
17) Carbon Disulfide	4.161	76	19	2.225	ug/l #	76
20) Methylene Chloride	4.686	84	29295	15.627	ug/l	97
23) Vinyl Acetate	5.978	43	27	23.705	ug/l #	67
31) Cyclohexane	7.777	56	2559	1.558	ug/l #	17
36) 1,1-Dichloropropene	7.783	75	8266	5.003	ug/l #	48
38) Carbon Tetrachloride	7.777	117	10913	6.295	ug/l #	16
51) 4-Methyl-2-Pentanone	10.166	43	1135	1.482	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	38799	59.880	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38799	156.849	ug/l #	16

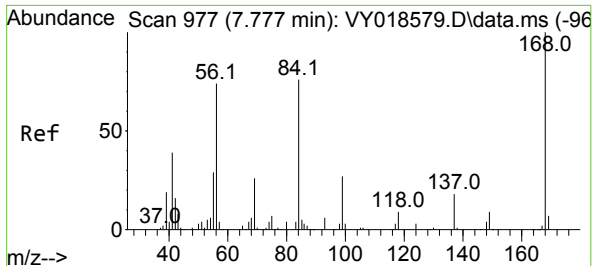
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
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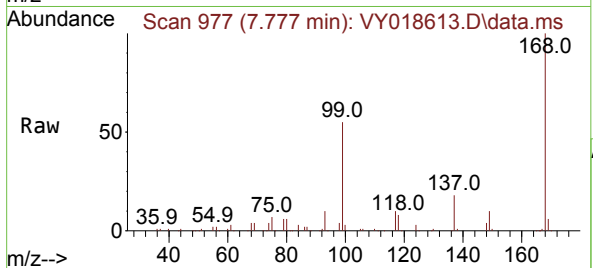
Quant Time: Jun 18 01:25:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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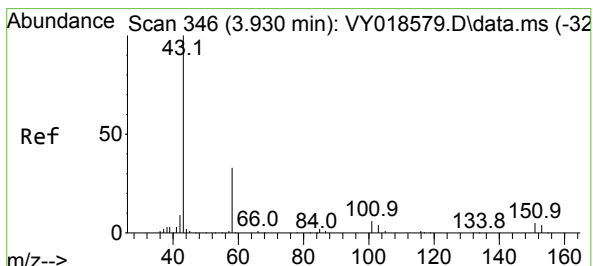
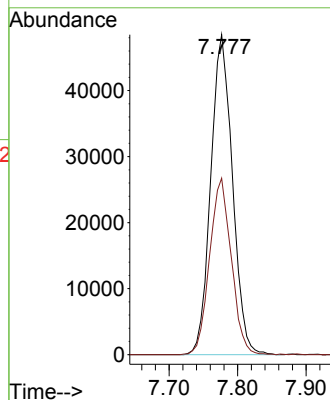
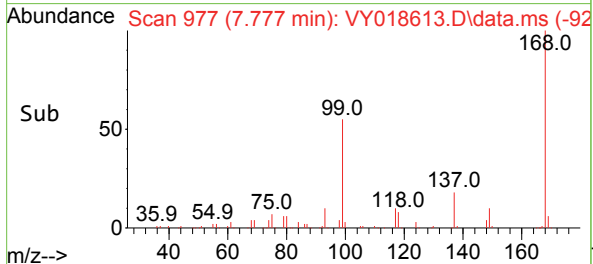


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

Instrument :
MSVOA_Y
ClientSampleId :

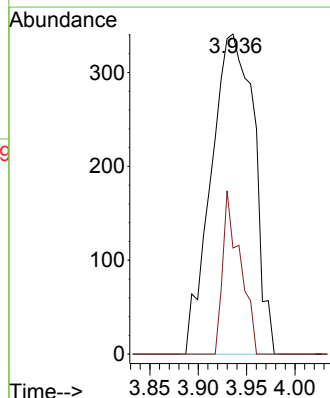
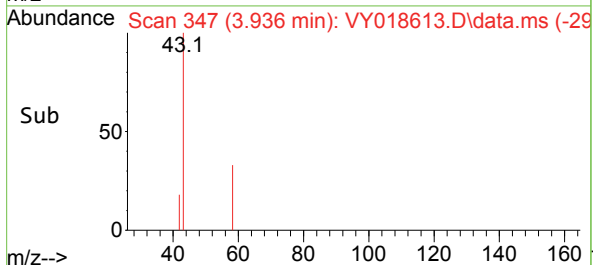
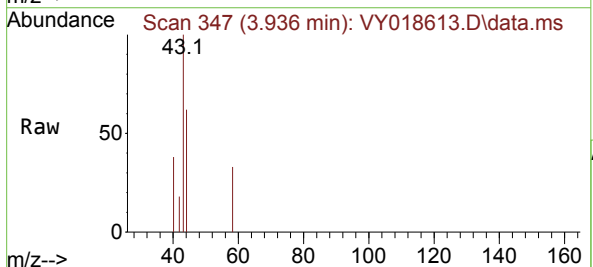


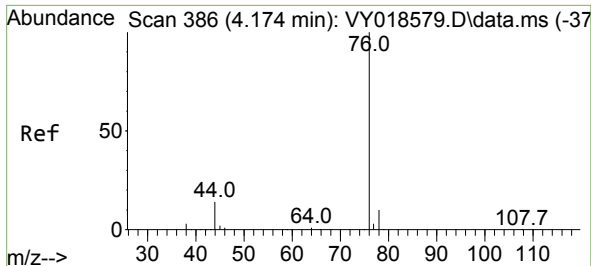
Tgt Ion:168 Resp: 106518
Ion Ratio Lower Upper
168 100
99 55.2 39.1 58.7



#16
Acetone
Concen: 4.817 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
58 33.1 31.7 47.5

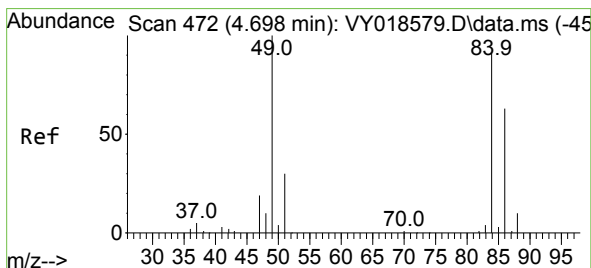
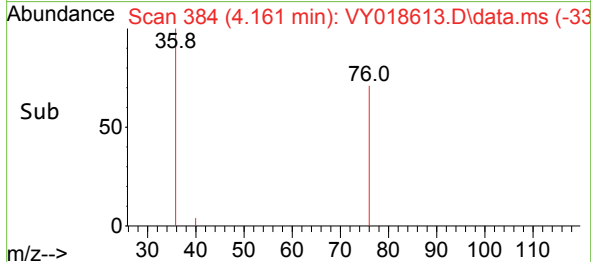
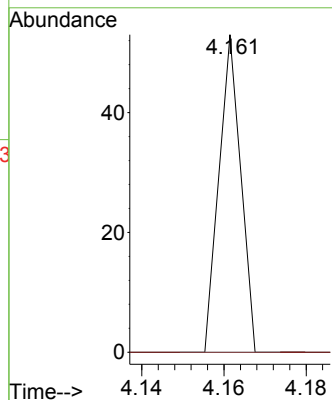
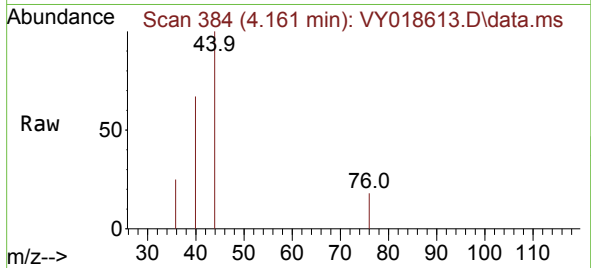




#17
Carbon Disulfide
Concen: 2.225 ug/l
RT: 4.161 min Scan# 31
Delta R.T. -0.013 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

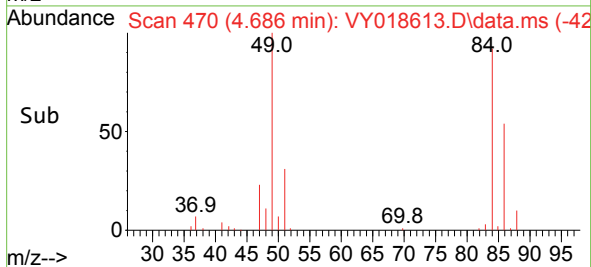
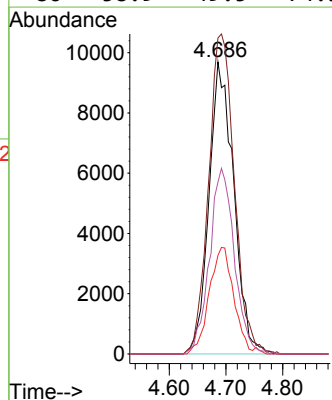
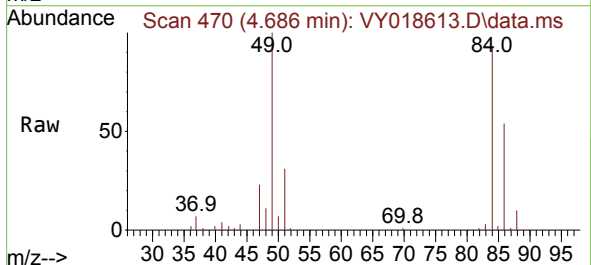
Instrument :
MSVOA_Y
ClientSampleId :

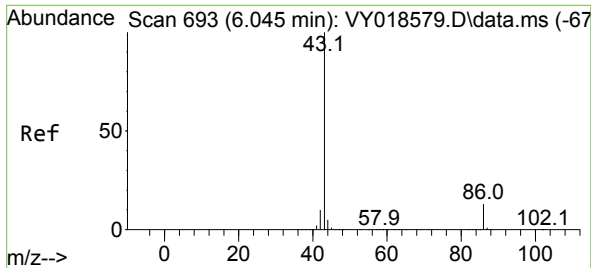
Tgt Ion: 76 Resp: 19
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 15.627 ug/l
RT: 4.686 min Scan# 470
Delta R.T. -0.012 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

Tgt Ion: 84 Resp: 29295
Ion Ratio Lower Upper
84 100
49 108.2 84.4 126.6
51 33.8 26.0 39.0
86 58.9 49.5 74.3

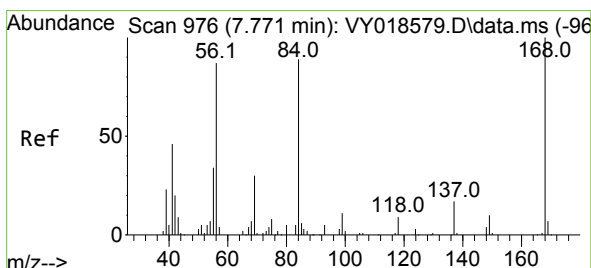
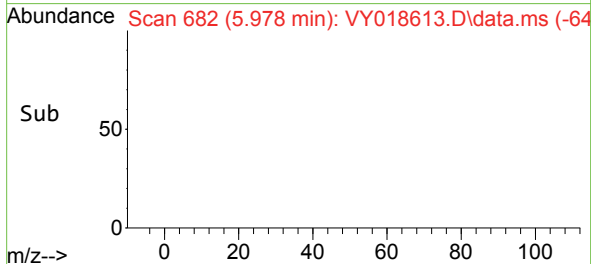
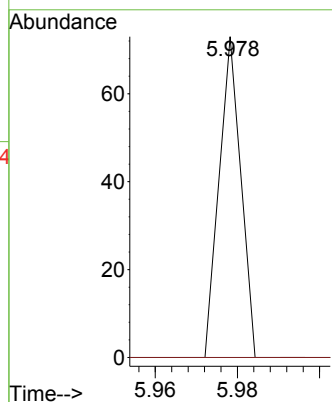
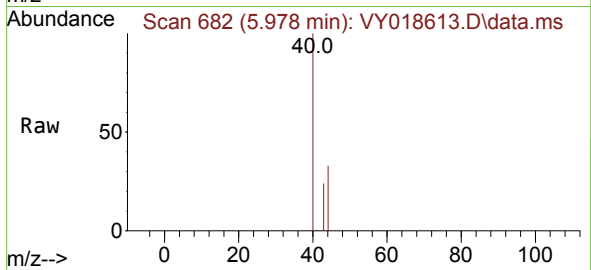




#23
 Vinyl Acetate
 Concen: 23.705 ug/l
 RT: 5.978 min Scan# 61
 Delta R.T. -0.067 min
 Lab File: VY018613.D
 Acq: 17 Jun 2024 16:42

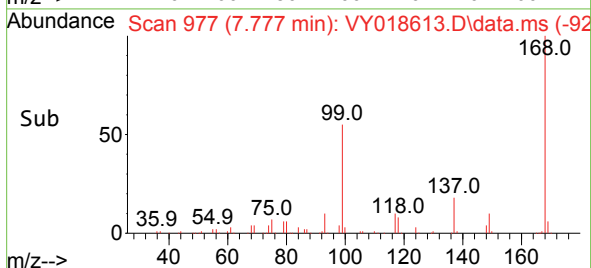
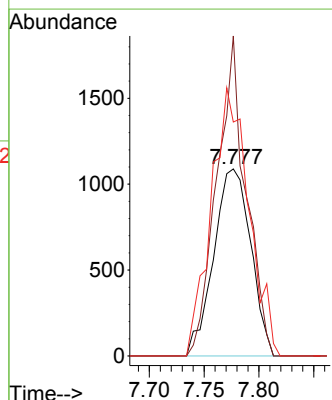
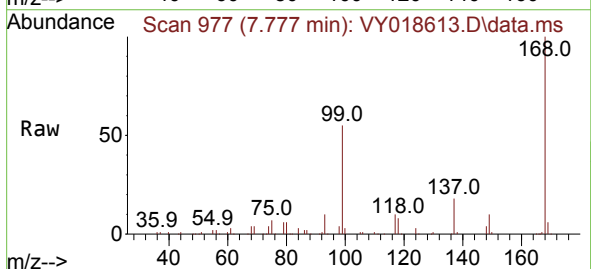
Instrument :
 MSVOA_Y
 ClientSampleId :

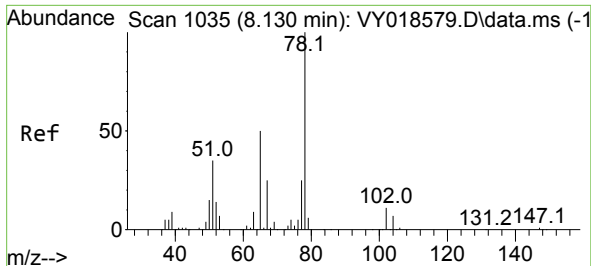
Tgt Ion: 43 Resp: 27
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#31
 Cyclohexane
 Concen: 1.558 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. 0.006 min
 Lab File: VY018613.D
 Acq: 17 Jun 2024 16:42

Tgt Ion: 56 Resp: 2559
 Ion Ratio Lower Upper
 56 100
 69 171.1 28.7 43.1#
 84 125.1 77.7 116.5#

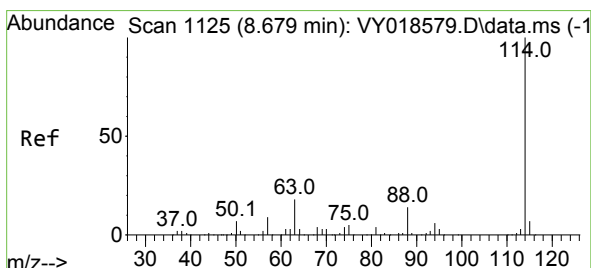
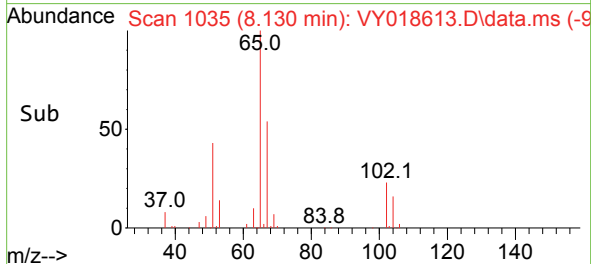
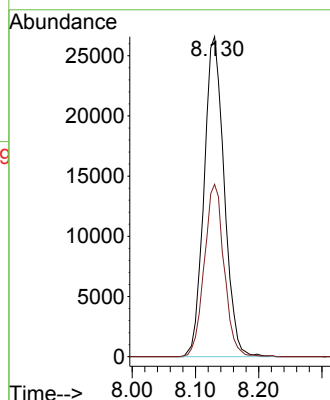
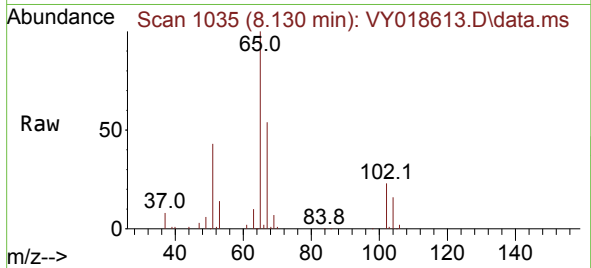




#33
1,2-Dichloroethane-d4
Concen: 54.903 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

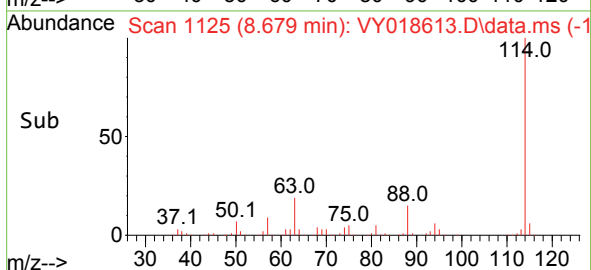
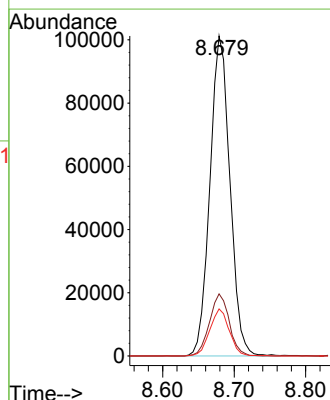
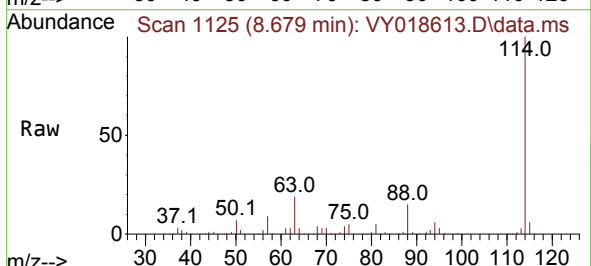
Instrument :
MSVOA_Y
ClientSampleId :

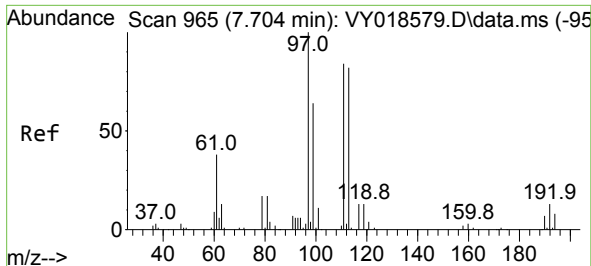
Tgt Ion: 65 Resp: 58879
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

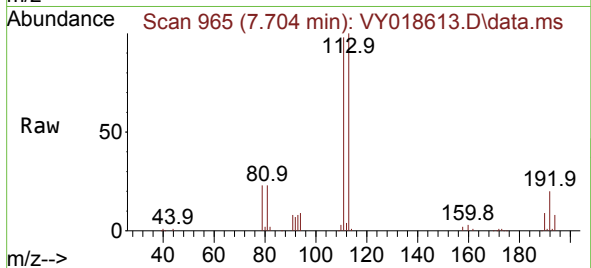
Tgt Ion:114 Resp: 196786
Ion Ratio Lower Upper
114 100
63 19.4 0.0 35.0
88 14.7 0.0 27.2



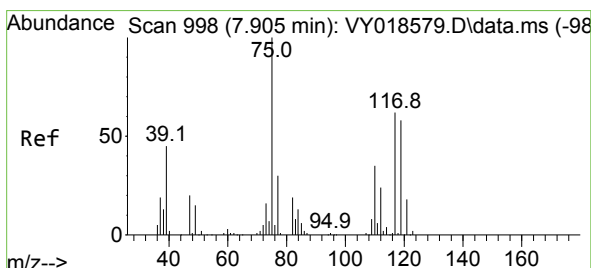
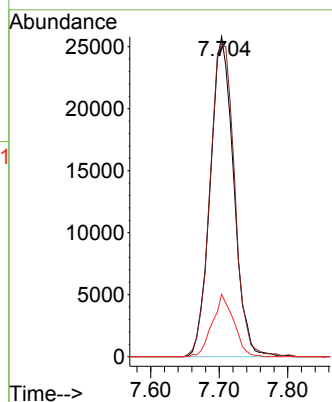
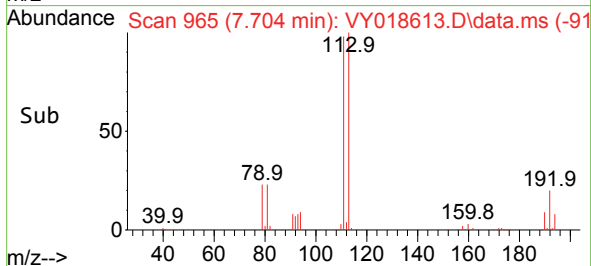


#35
Dibromofluoromethane
Concen: 50.923 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

Instrument :
MSVOA_Y
ClientSampleId :

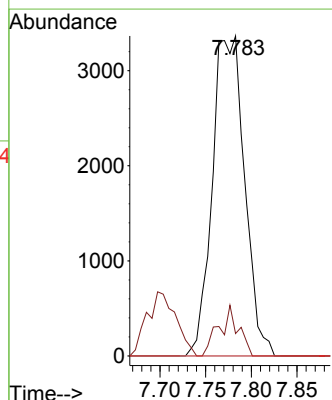
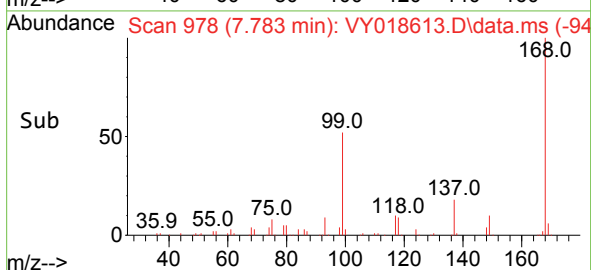
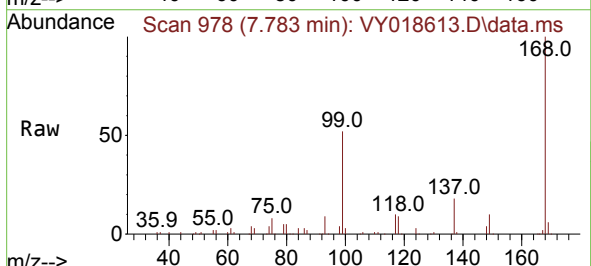


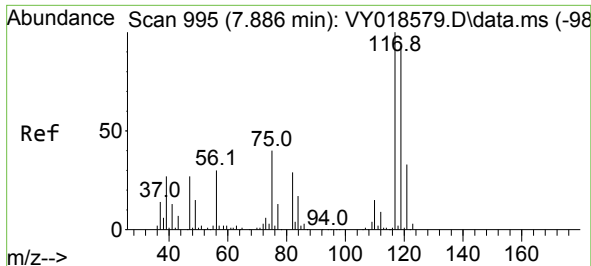
Tgt Ion:113 Resp: 61129
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.003 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

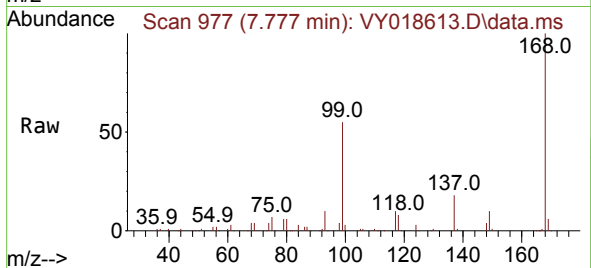
Tgt Ion: 75 Resp: 8266
Ion Ratio Lower Upper
75 100
110 9.5 19.0 57.0#
77 0.0 25.3 37.9#



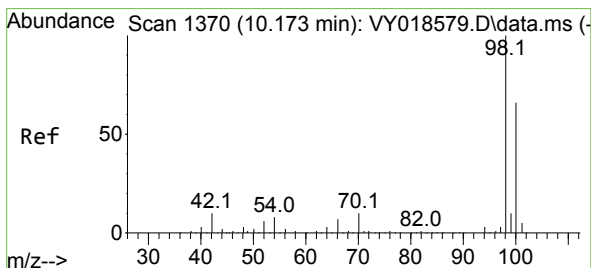
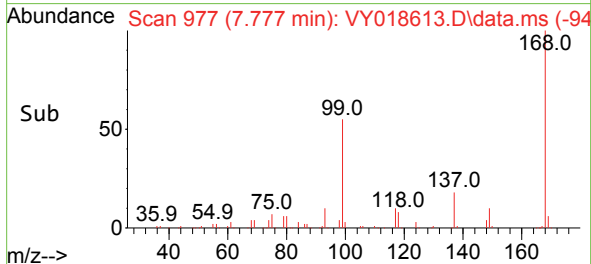
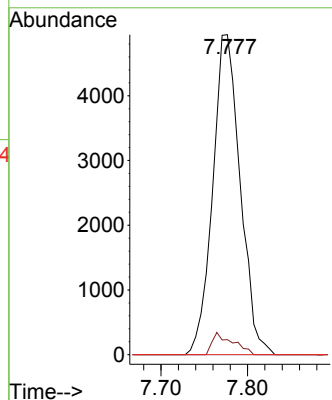


#38
Carbon Tetrachloride
Concen: 6.295 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

Instrument :
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ClientSampleId :

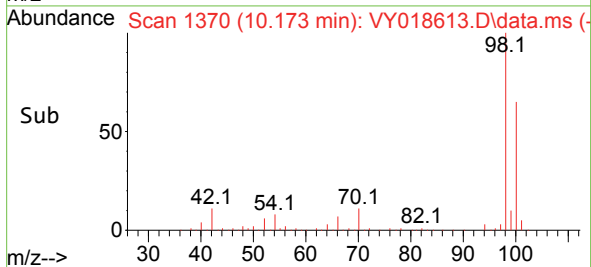
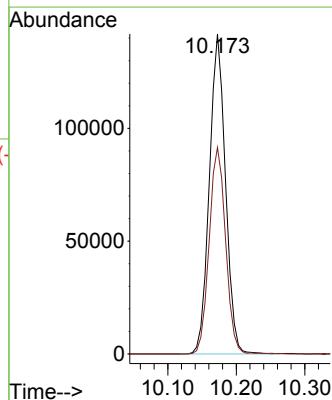
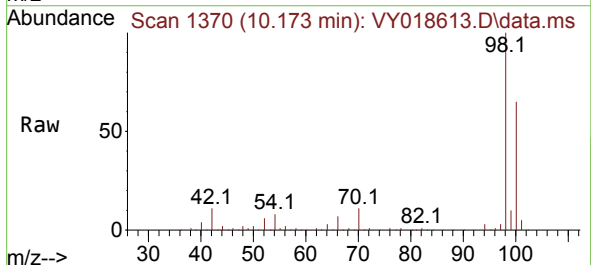


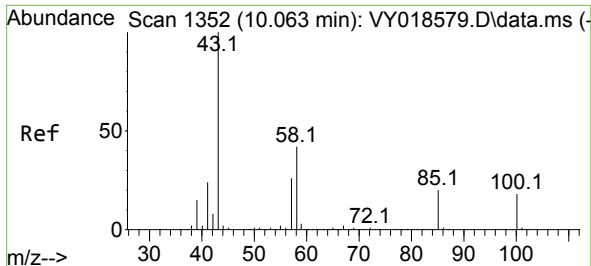
Tgt Ion:117 Resp: 10913
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.311 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

Tgt Ion: 98 Resp: 232258
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

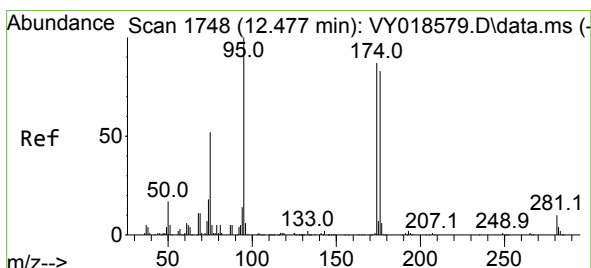
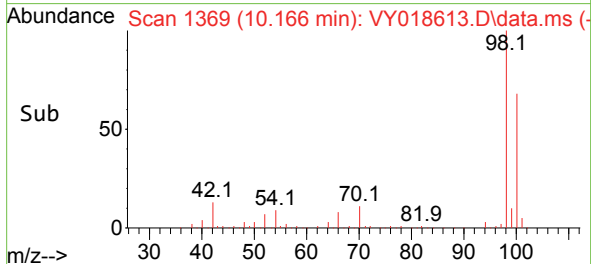
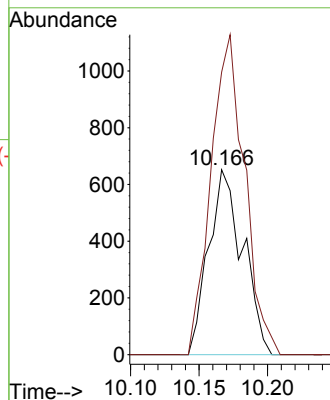
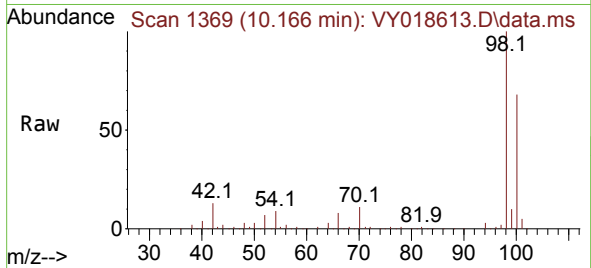




#51
4-Methyl-2-Pentanone
Concen: 1.482 ug/l
RT: 10.166 min Scan# 1135
Delta R.T. 0.104 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

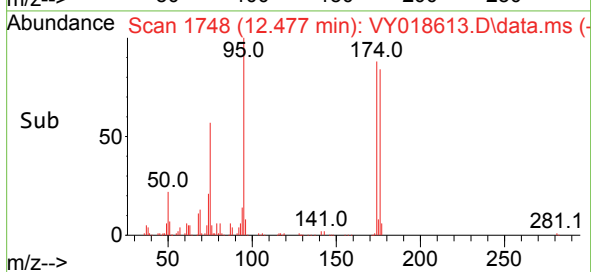
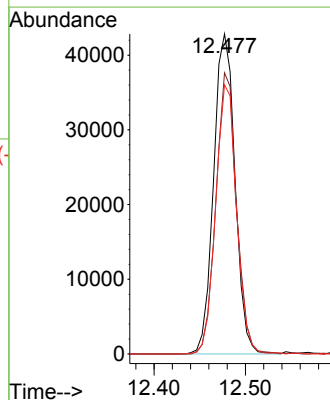
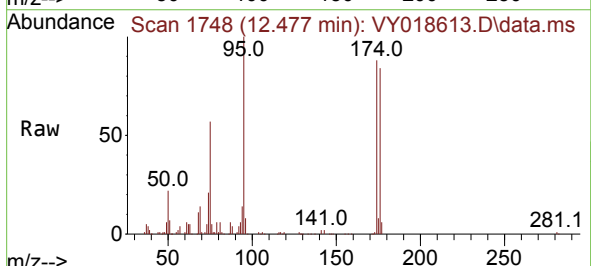
Instrument :
MSVOA_Y
ClientSampleId :

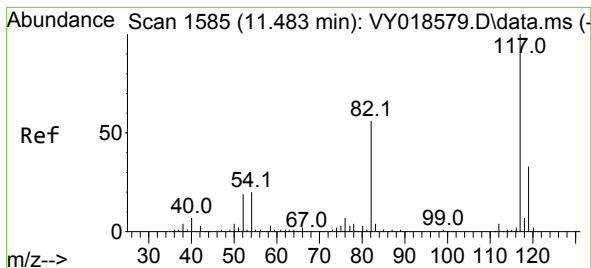
Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 170.0 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 47.718 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

Tgt Ion: 95 Resp: 69560
Ion Ratio Lower Upper
95 100
174 84.8 0.0 175.6
176 82.4 0.0 171.4

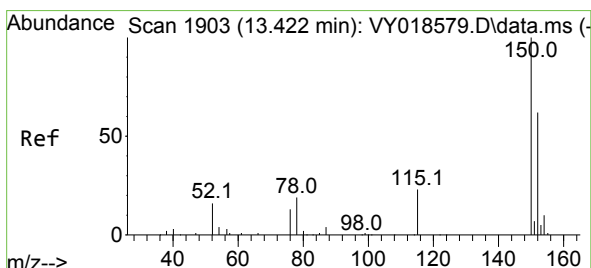
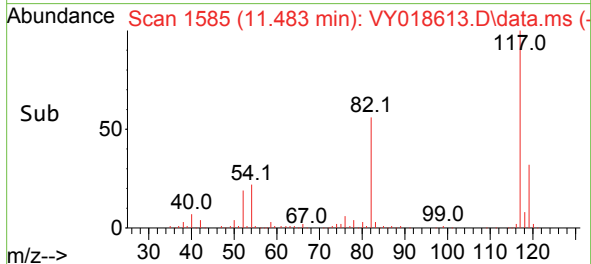
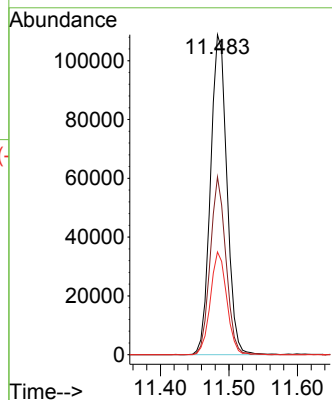
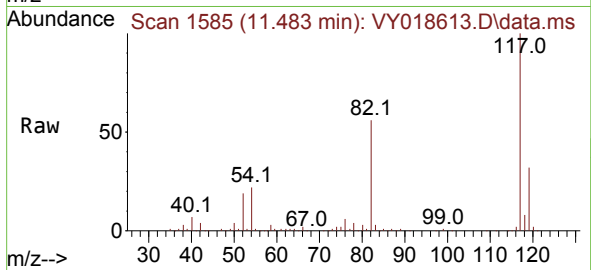




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

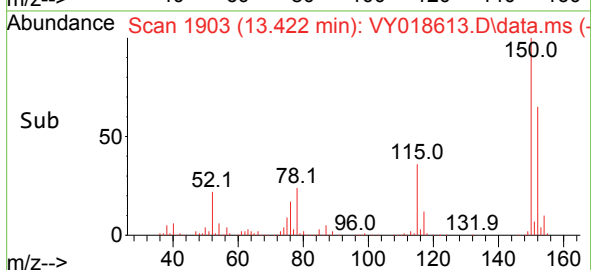
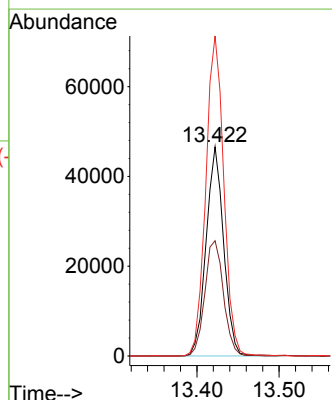
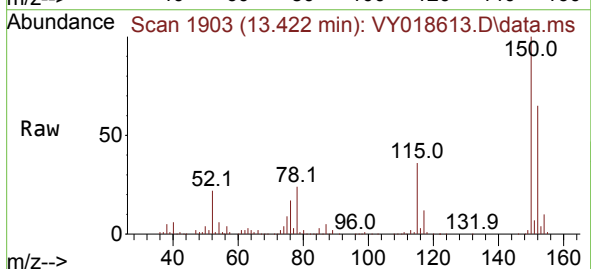
Instrument :
MSVOA_Y
ClientSampleId :

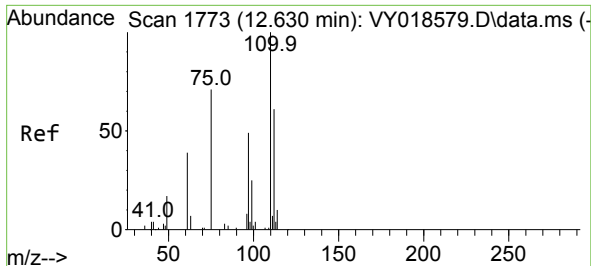
Tgt Ion:117 Resp: 181002
Ion Ratio Lower Upper
117 100
82 55.6 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

Tgt Ion:152 Resp: 69074
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 156.8 0.0 345.6

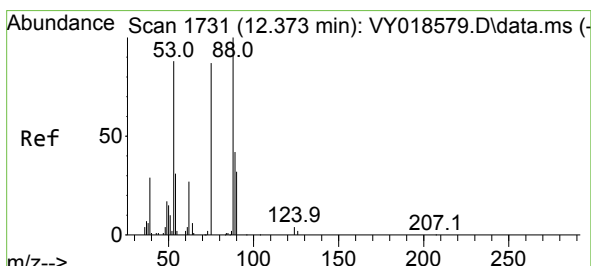
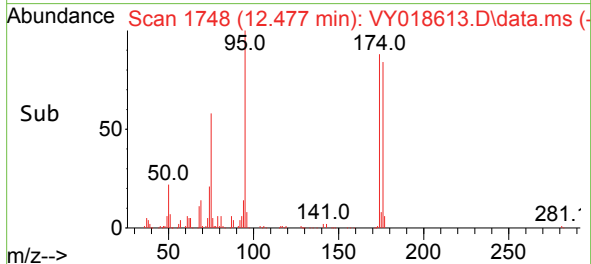
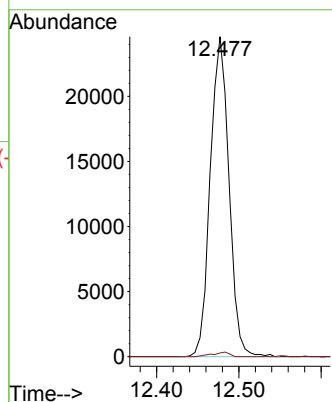
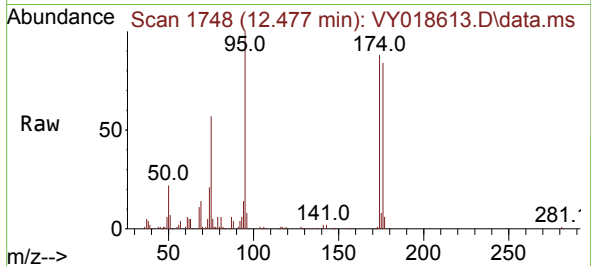




#76
1,2,3-Trichloropropane
Concen: 59.880 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38799
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 156.849 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018613.D
Acq: 17 Jun 2024 16:42

Tgt Ion: 75 Resp: 38799
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

