

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018657.D
 Acq On : 20 Jun 2024 15:31
 Operator : SY/MD
 Sample : P2976-03
 Misc : 3.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 21 01:07:54 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)

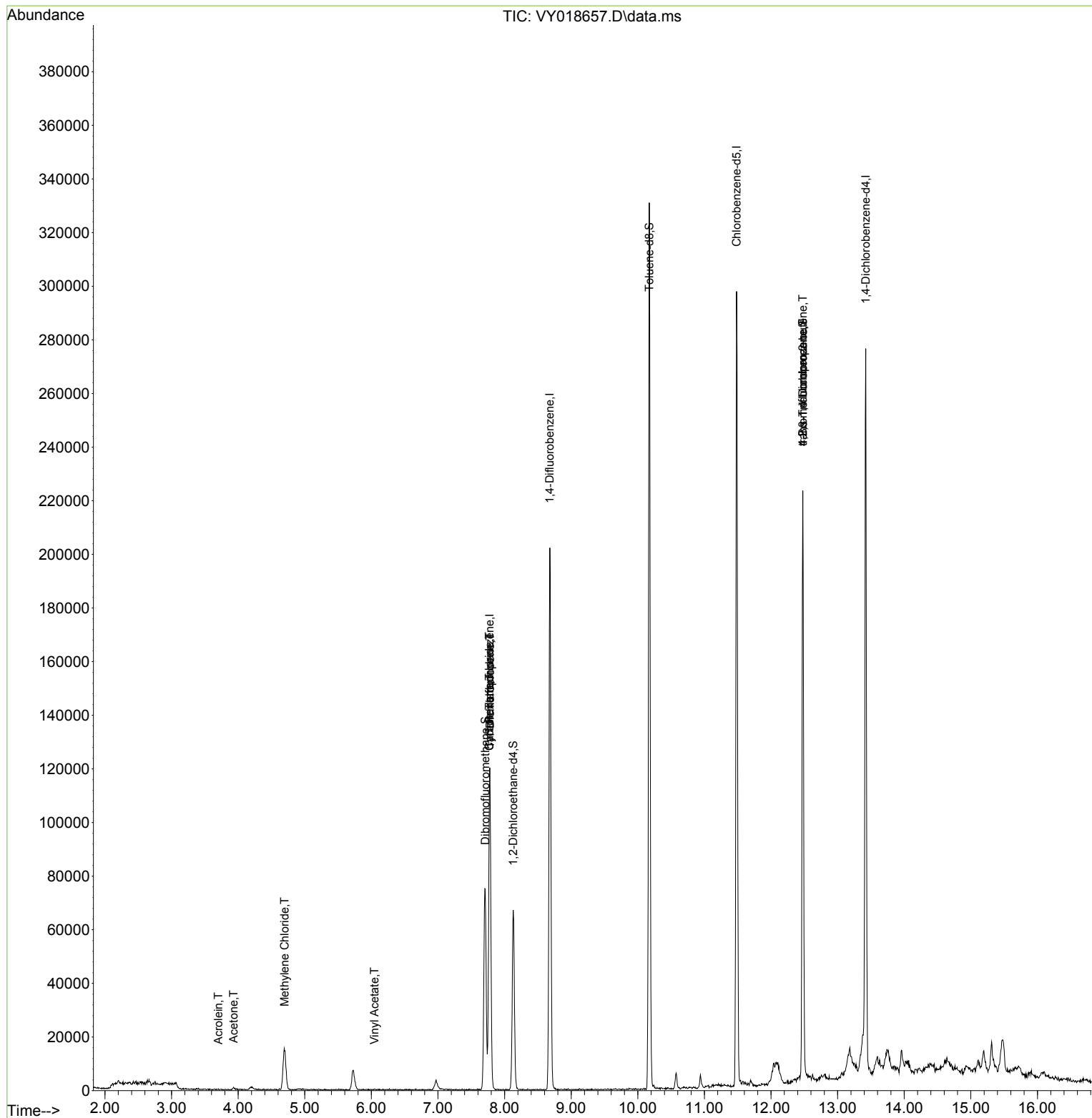
Internal Standards						
1) Pentafluorobenzene	7.777	168	92290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	177350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	166458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51142	55.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.080%	
35) Dibromofluoromethane	7.710	113	55572	51.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.740%	
50) Toluene-d8	10.173	98	211996	50.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.477	95	63285	48.171	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.340%	
Target Compounds						
					Qvalue	
13) Acrolein	3.704	56	60	1.117	ug/l #	15
16) Acetone	3.930	43	912	4.824	ug/l	93
20) Methylene Chloride	4.698	84	11456	1.064	ug/l	93
23) Vinyl Acetate	6.045	43	32	23.708	ug/l #	67
31) Cyclohexane	7.771	56	2233	1.569	ug/l #	62
36) 1,1-Dichloropropene	7.783	75	7108	4.773	ug/l #	49
38) Carbon Tetrachloride	7.771	117	9392	6.012	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	33832	53.660	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33832	140.556	ug/l #	16

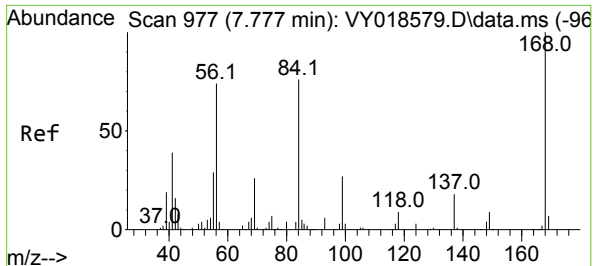
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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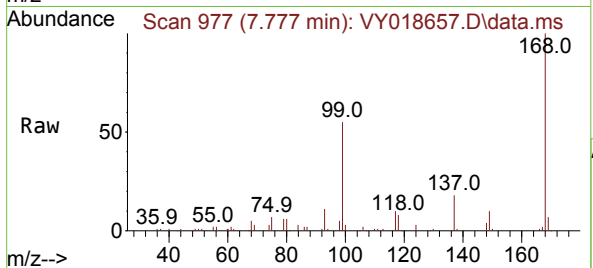
Quant Time: Jun 21 01:07:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
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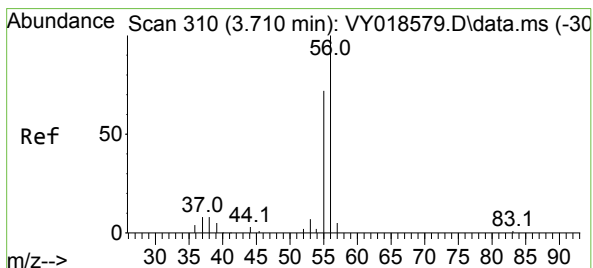
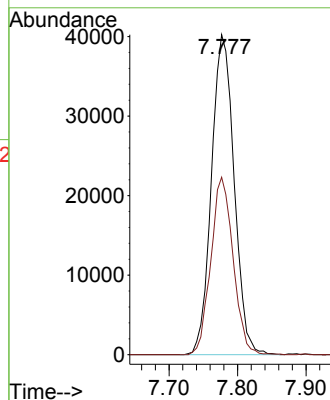
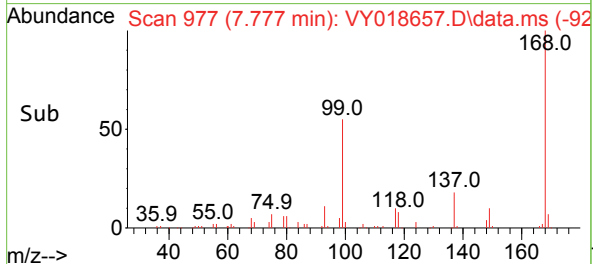


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :

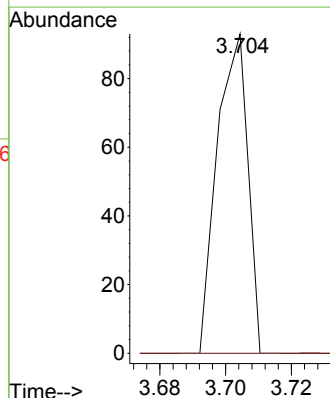
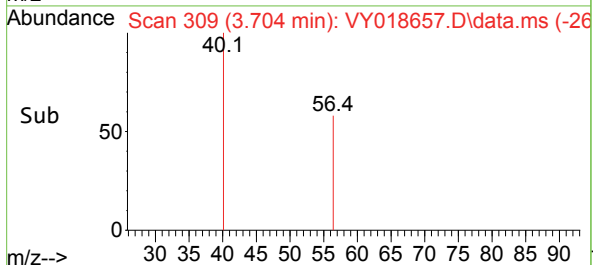
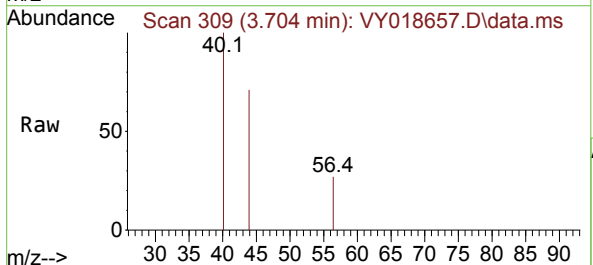


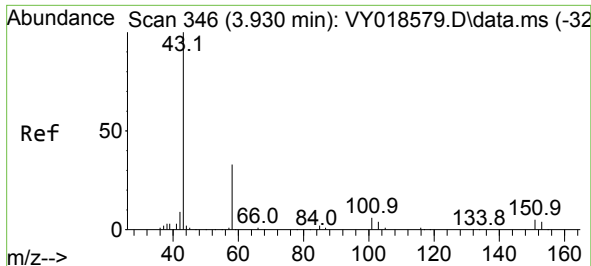
Tgt Ion:168 Resp: 92290
Ion Ratio Lower Upper
168 100
99 55.5 39.1 58.7



#13
Acrolein
Concen: 1.117 ug/l
RT: 3.704 min Scan# 309
Delta R.T. -0.006 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

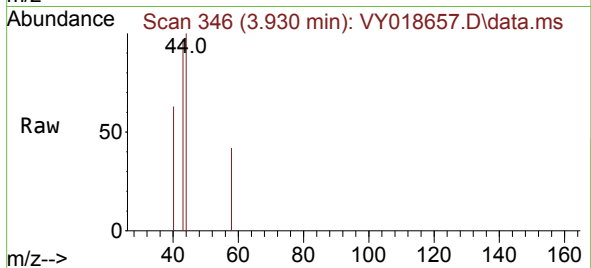
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



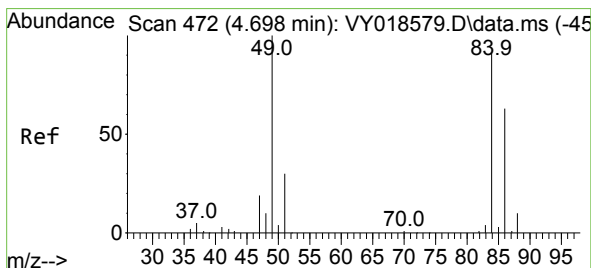
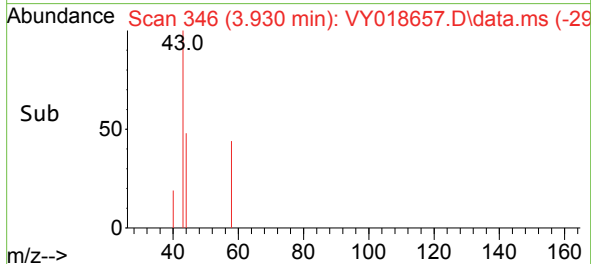
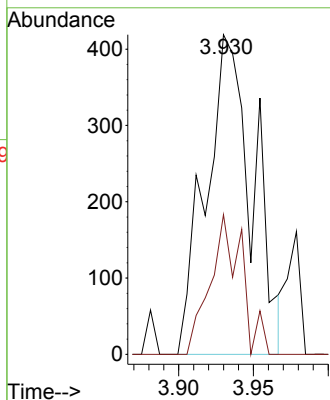


#16
Acetone
Concen: 4.824 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :

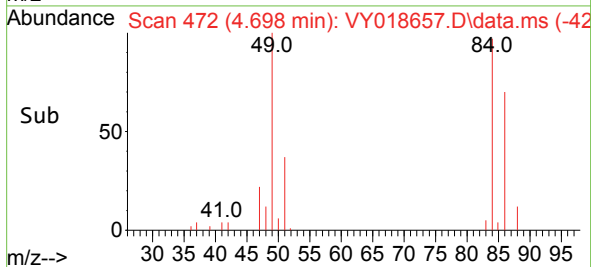
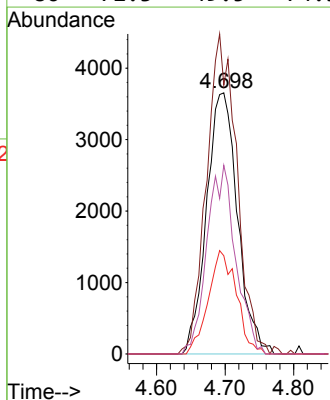
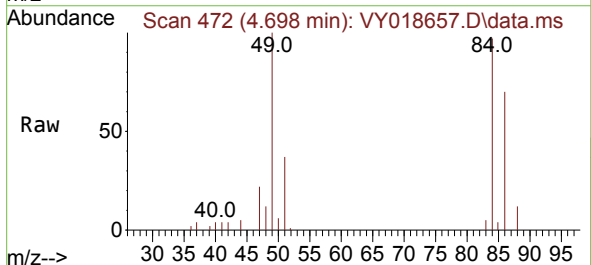


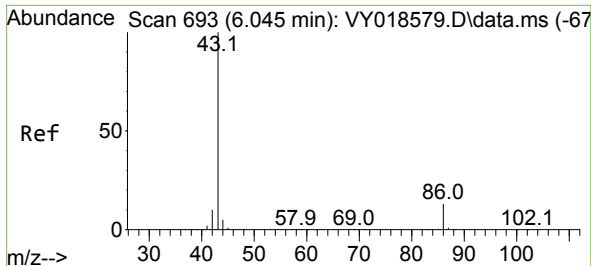
Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 43.7 31.7 47.5



#20
Methylene Chloride
Concen: 1.064 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

Tgt Ion: 84 Resp: 11456
Ion Ratio Lower Upper
84 100
49 103.0 84.4 126.6
51 37.7 26.0 39.0
86 72.3 49.5 74.3

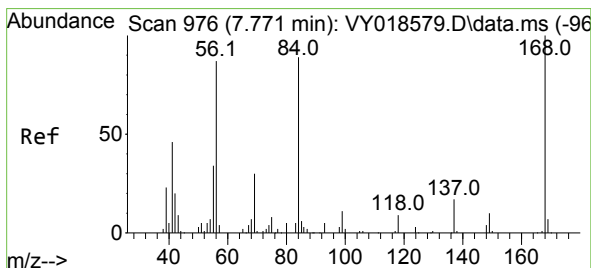
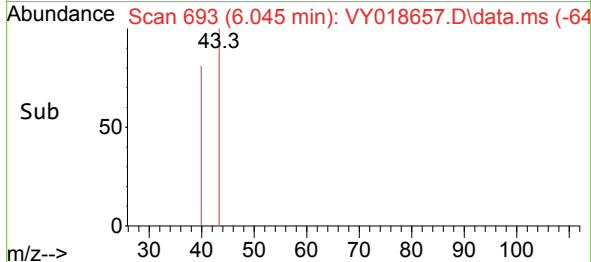
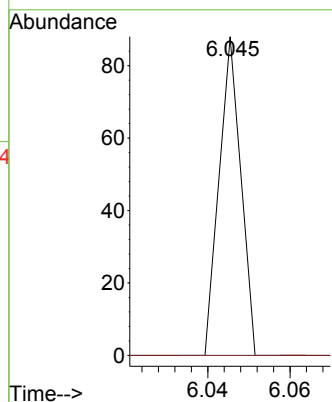
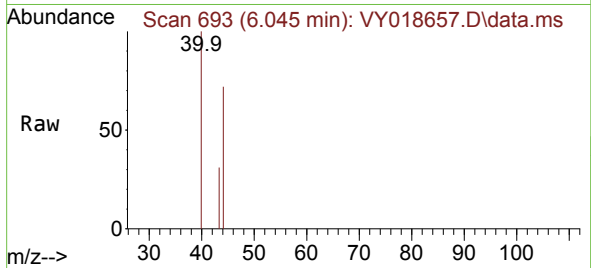




#23
 Vinyl Acetate
 Concen: 23.708 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018657.D
 Acq: 20 Jun 2024 15:31

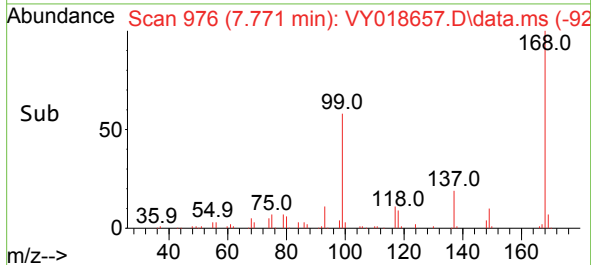
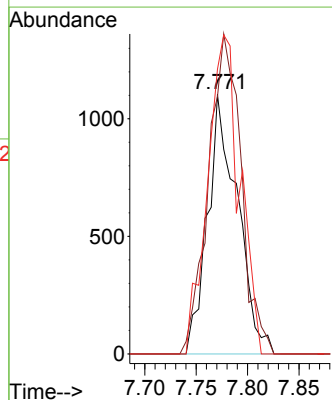
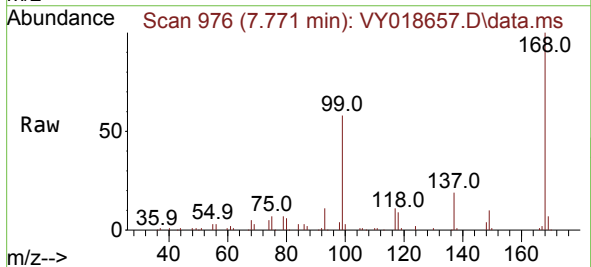
Instrument :
 MSVOA_Y
 ClientSampleId :

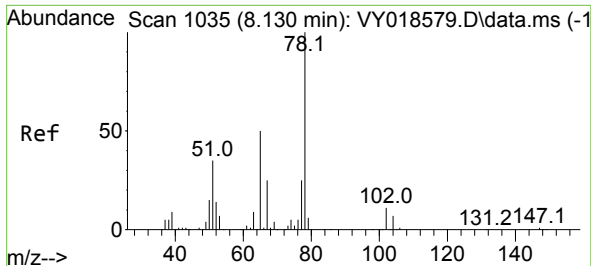
Tgt Ion: 43 Resp: 32
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#31
 Cyclohexane
 Concen: 1.569 ug/l
 RT: 7.771 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VY018657.D
 Acq: 20 Jun 2024 15:31

Tgt Ion: 56 Resp: 2233
 Ion Ratio Lower Upper
 56 100
 69 99.1 28.7 43.1#
 84 109.7 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 55.041 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018657.D

Acq: 20 Jun 2024 15:31

Instrument :

MSVOA_Y

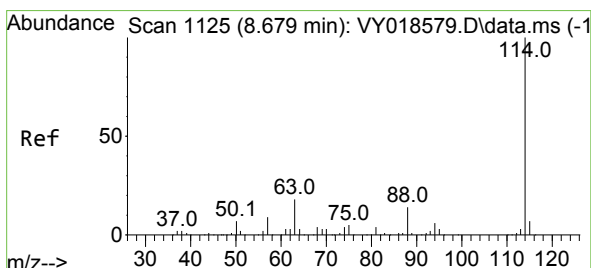
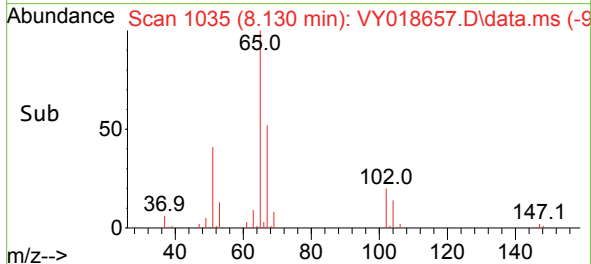
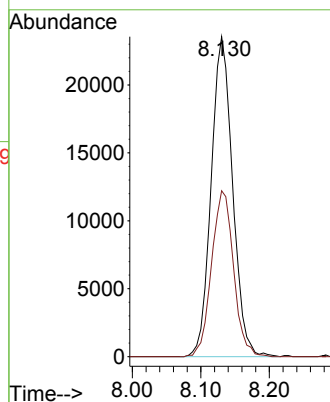
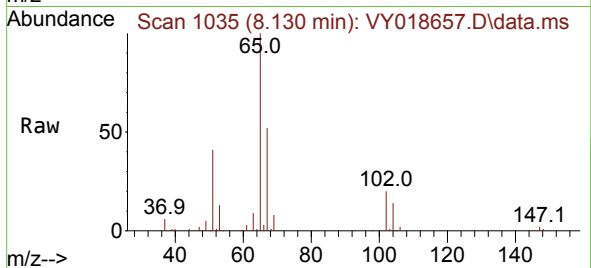
ClientSampleId :

Tgt Ion: 65 Resp: 51142

Ion Ratio Lower Upper

65 100

67 53.2 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: VY018657.D

Acq: 20 Jun 2024 15:31

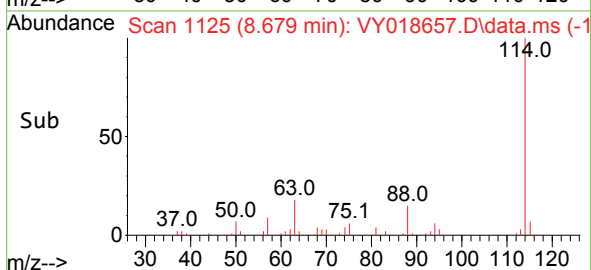
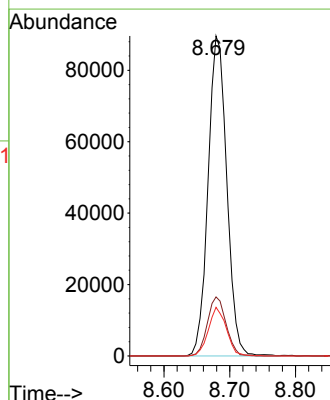
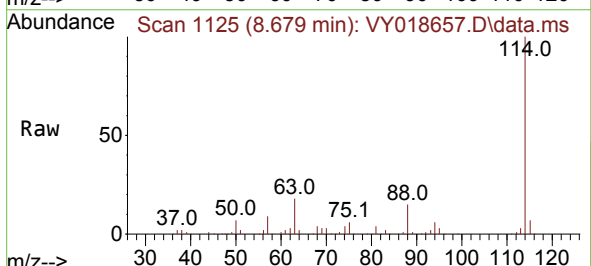
Tgt Ion: 114 Resp: 177350

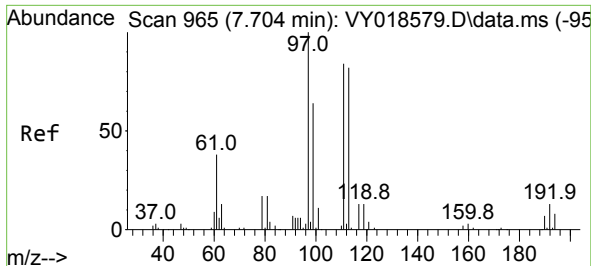
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

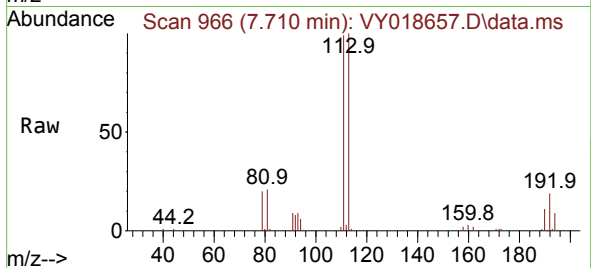
88 15.2 0.0 27.2



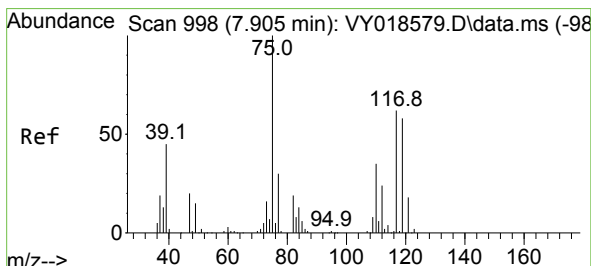
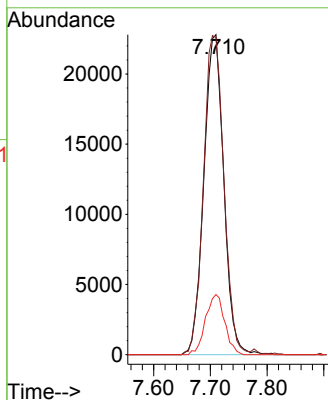
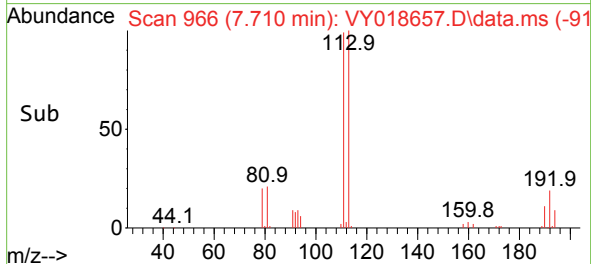


#35
Dibromofluoromethane
Concen: 51.367 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :

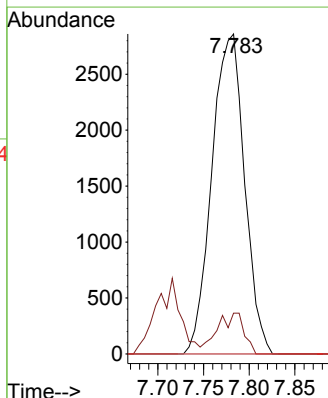
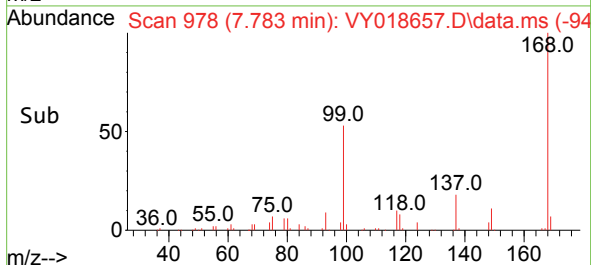
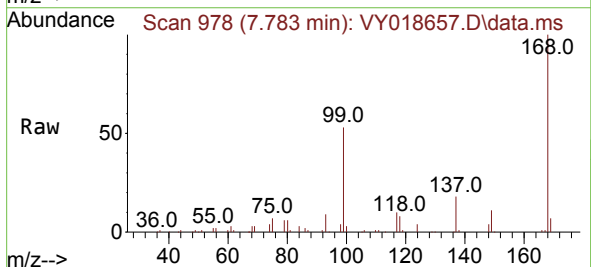


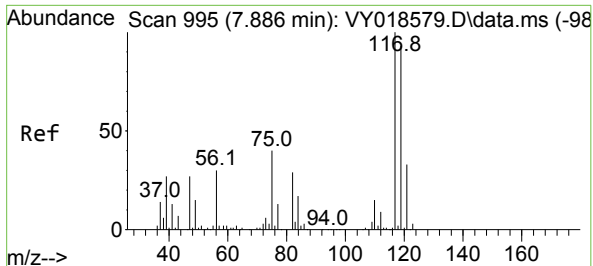
Tgt Ion:113 Resp: 55572
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 18.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

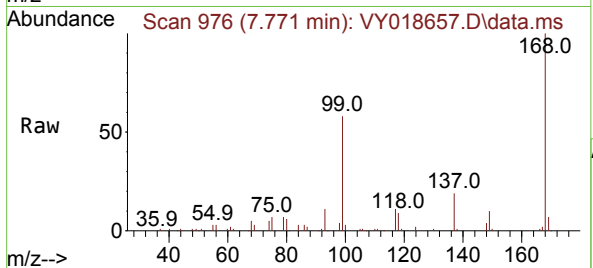
Tgt Ion: 75 Resp: 7108
Ion Ratio Lower Upper
75 100
110 10.4 19.0 57.0#
77 0.0 25.3 37.9#



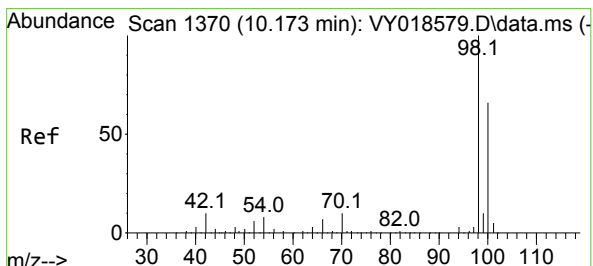
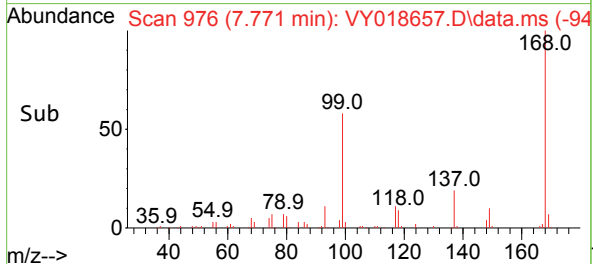
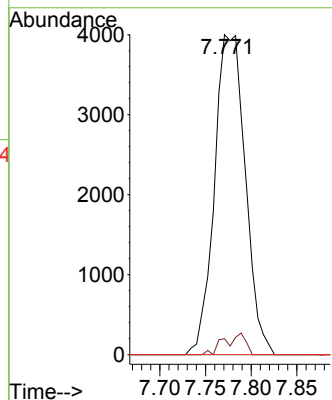


#38
Carbon Tetrachloride
Concen: 6.012 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

Instrument :
MSVOA_Y
ClientSampleId :

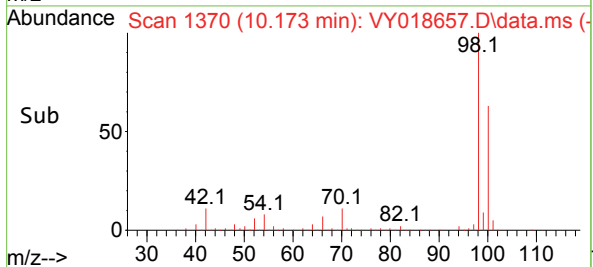
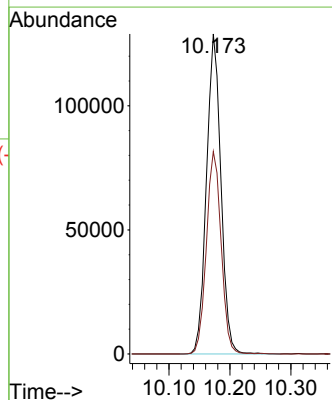
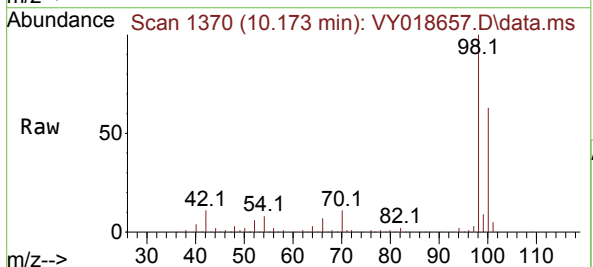


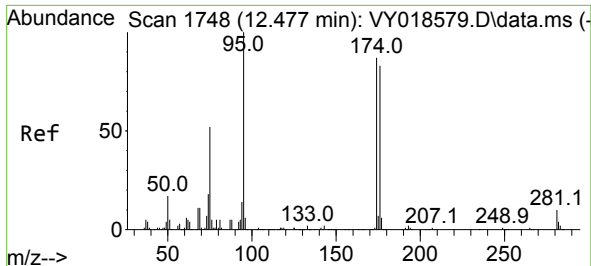
Tgt Ion:117 Resp: 9392
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.955 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

Tgt Ion: 98 Resp: 211996
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

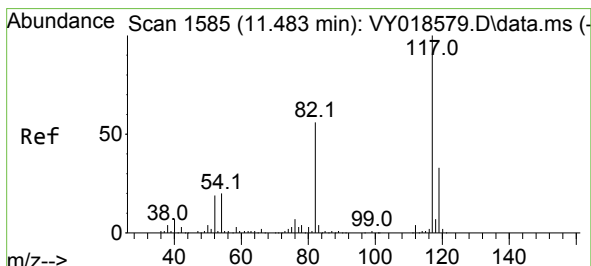
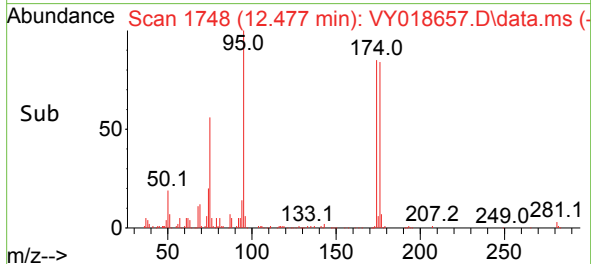
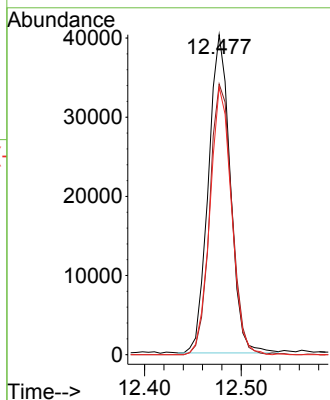
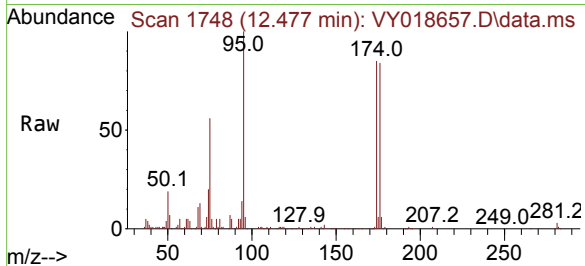




#62
4-Bromofluorobenzene
Concen: 48.171 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

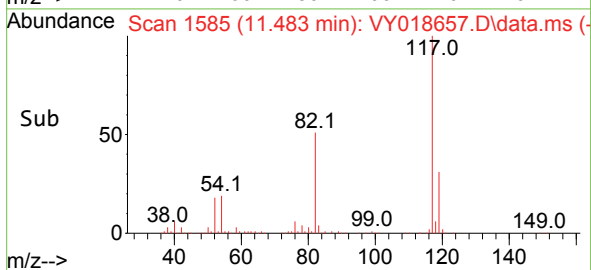
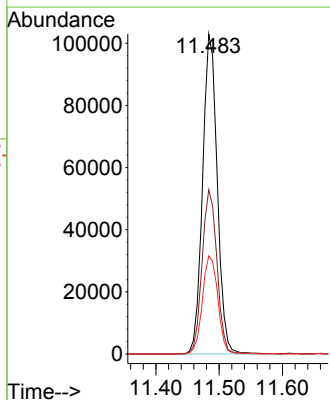
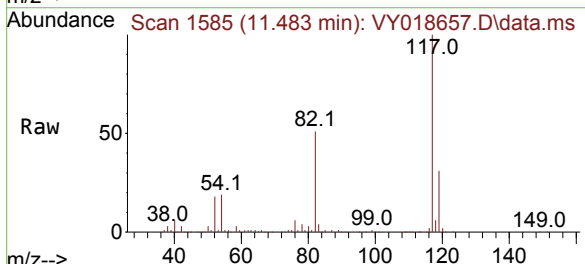
Instrument :
MSVOA_Y
ClientSampleId :

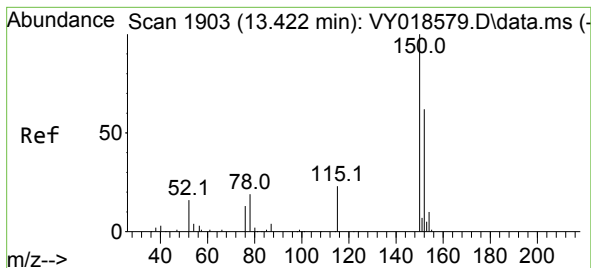
Tgt Ion: 95 Resp: 63285
Ion Ratio Lower Upper
95 100
174 85.6 0.0 175.6
176 82.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018657.D
Acq: 20 Jun 2024 15:31

Tgt Ion: 117 Resp: 166458
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 30.6 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: VY018657.D

Acq: 20 Jun 2024 15:31

Instrument :

MSVOA_Y

ClientSampleId :

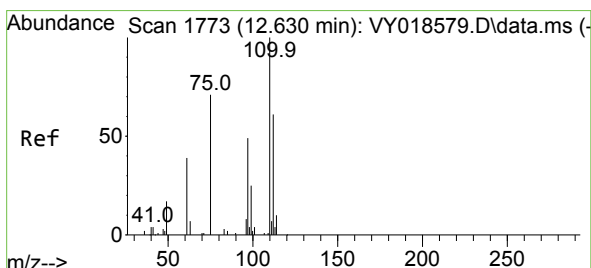
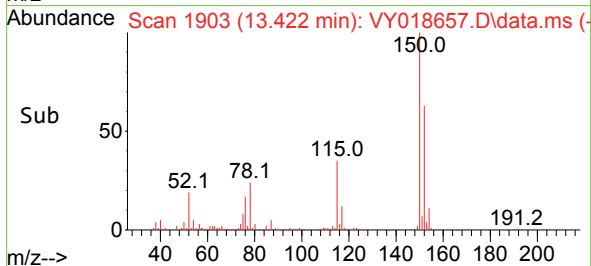
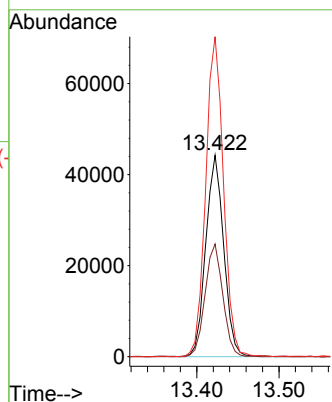
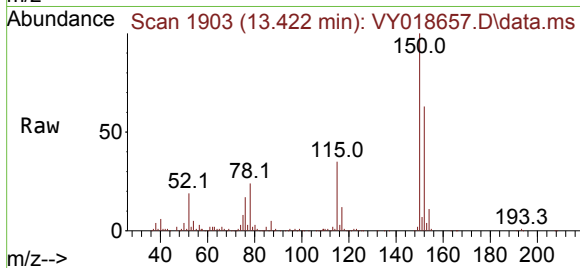
Tgt Ion:152 Resp: 67213

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

150 157.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 53.660 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018657.D

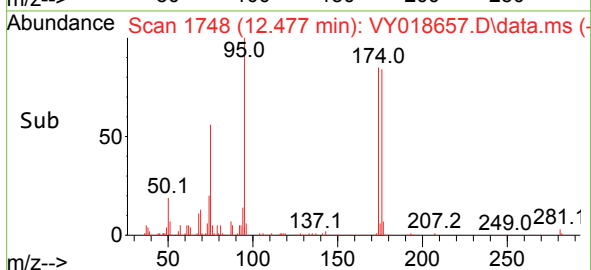
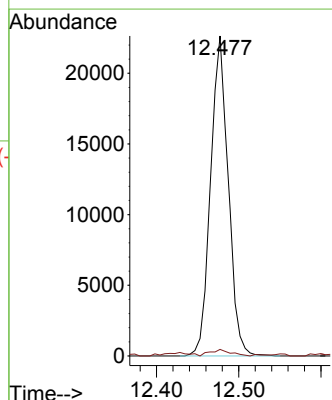
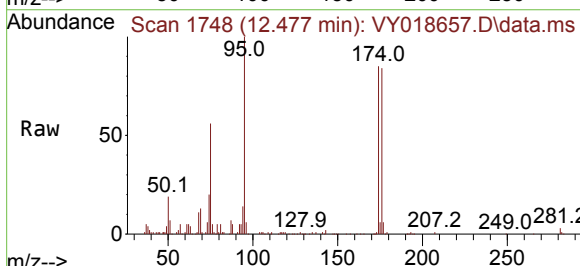
Acq: 20 Jun 2024 15:31

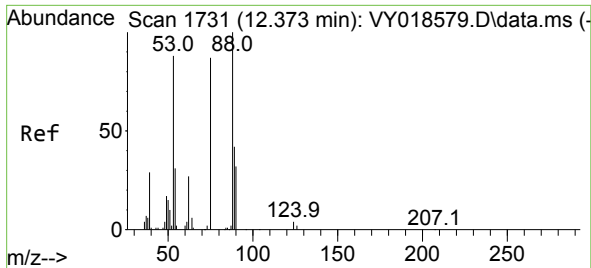
Tgt Ion: 75 Resp: 33832

Ion Ratio Lower Upper

75 100

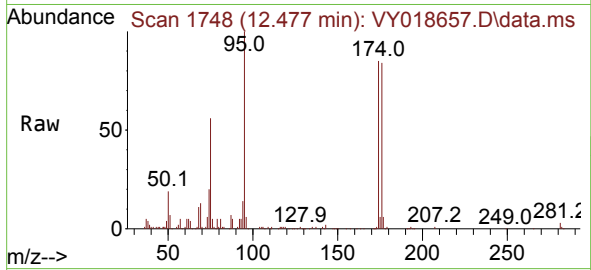
77 2.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.556 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018657.D
 Acq: 20 Jun 2024 15:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 33832
 Ion Ratio Lower Upper
 75 100
 53 0.6 66.8 100.2#
 89 0.0 35.8 53.6#

