

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018616.D
 Acq On : 17 Jun 2024 18:20
 Operator : SY/MD
 Sample : P2916-01
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 01:27:17 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)

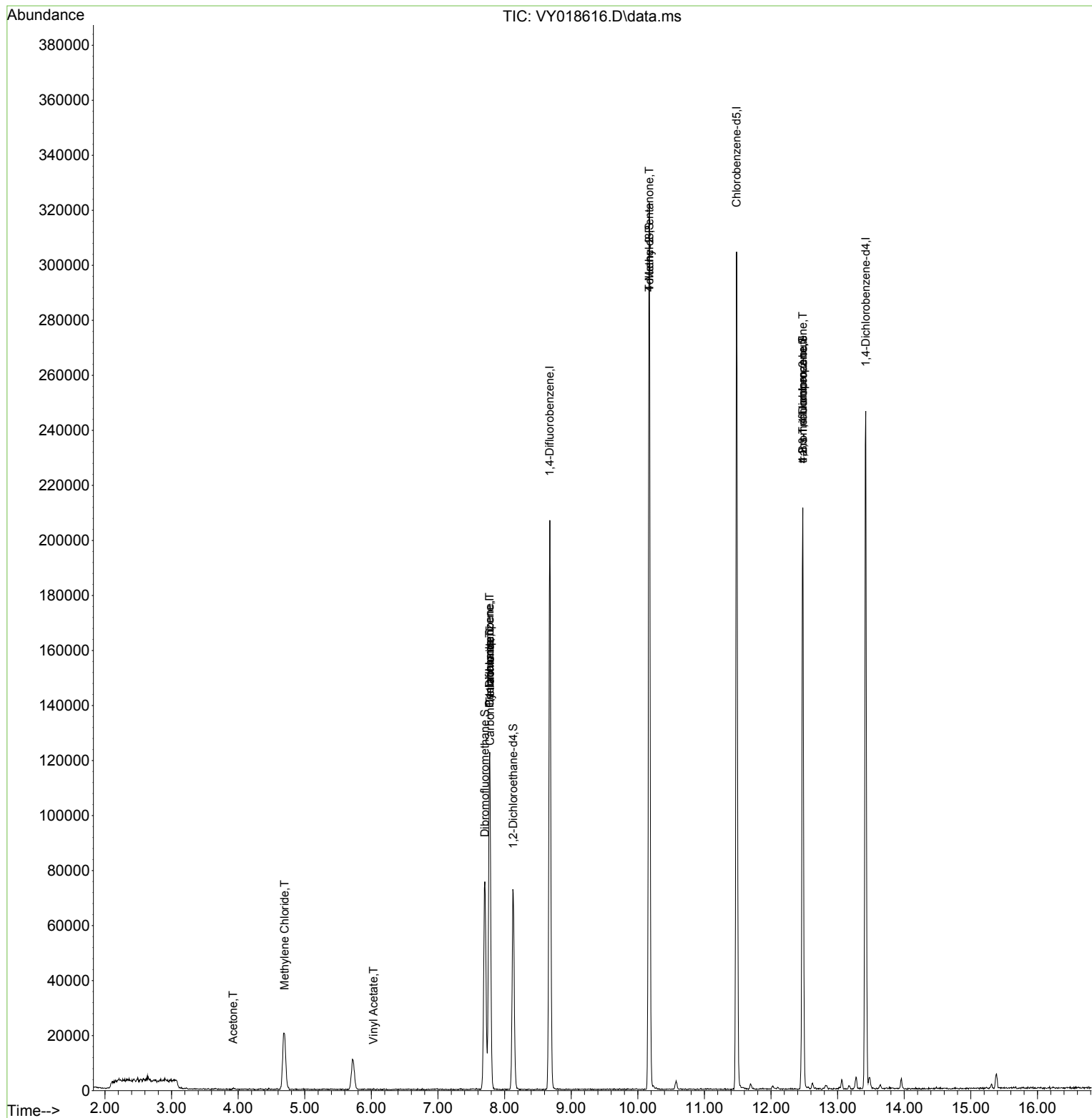
Internal Standards						
1) Pentafluorobenzene	7.777	168	92855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	173400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	160227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	54670	58.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.960%	
35) Dibromofluoromethane	7.704	113	53979	51.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.060%	
50) Toluene-d8	10.173	98	206771	50.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	12.477	95	61941	48.222	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.440%	
Target Compounds						Qvalue
16) Acetone	3.924	43	563	2.960	ug/l #	36
20) Methylene Chloride	4.698	84	16367	6.096	ug/l	91
23) Vinyl Acetate	6.033	43	74	23.721	ug/l #	67
31) Cyclohexane	7.777	56	2257	1.576	ug/l #	21
36) 1,1-Dichloropropene	7.777	75	8047	5.527	ug/l #	47
38) Carbon Tetrachloride	7.783	117	9574	6.268	ug/l #	17
51) 4-Methyl-2-Pentanone	10.173	43	928	1.375	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	33766	57.576	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33766	150.812	ug/l #	16

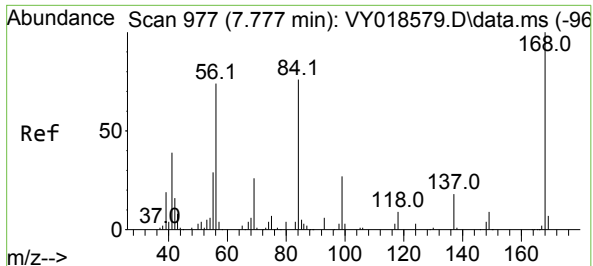
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
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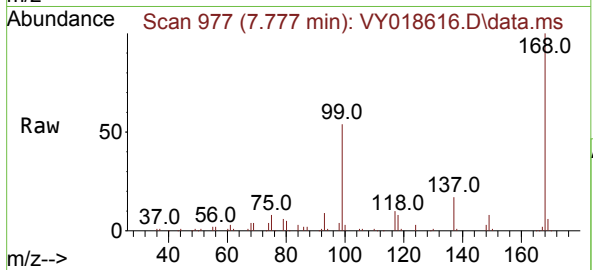
Quant Time: Jun 18 01:27:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



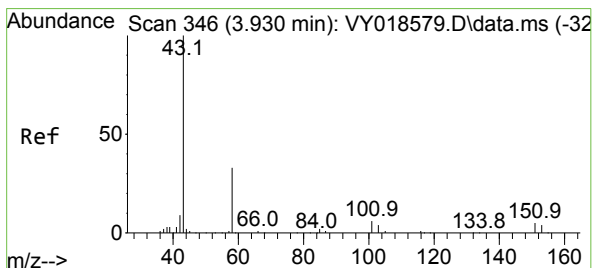
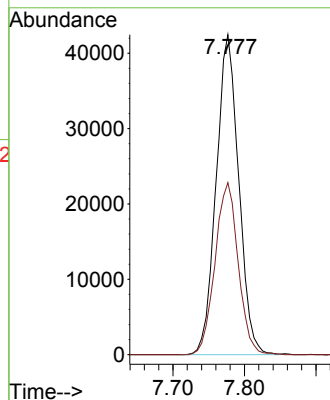
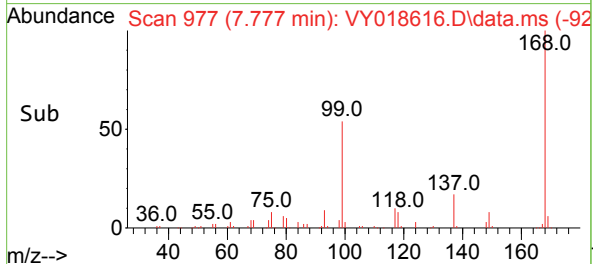


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

Instrument :
MSVOA_Y
ClientSampleId :

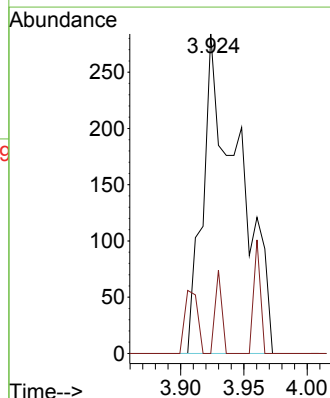
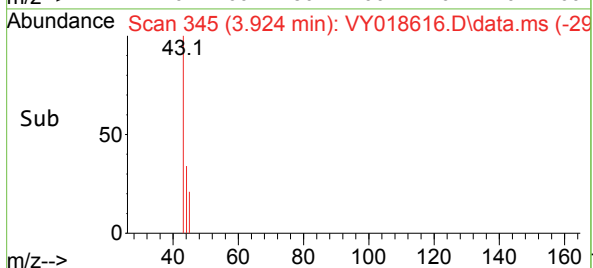
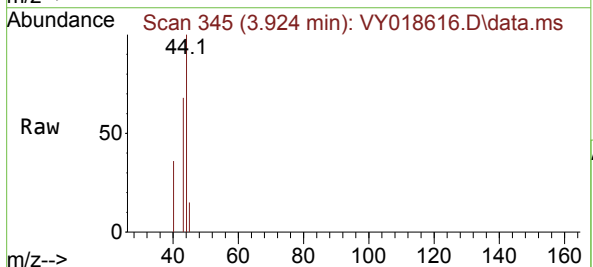


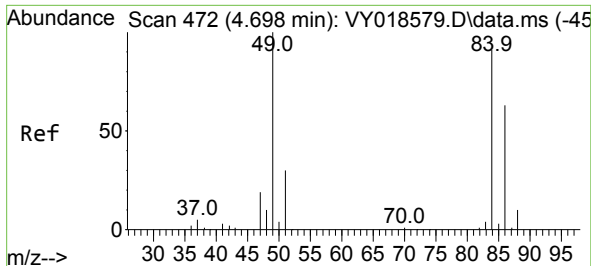
Tgt Ion:168 Resp: 92855
Ion Ratio Lower Upper
168 100
99 53.8 39.1 58.7



#16
Acetone
Concen: 2.960 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.006 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

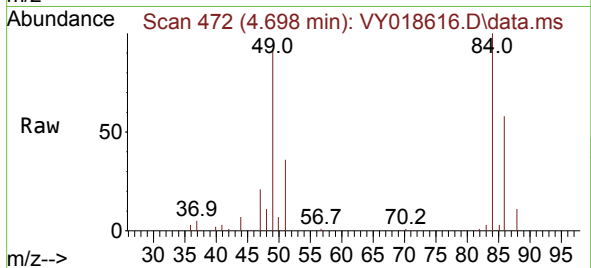
Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



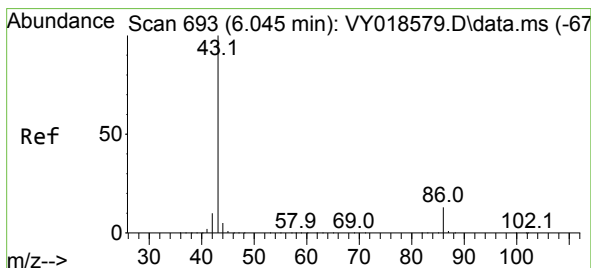
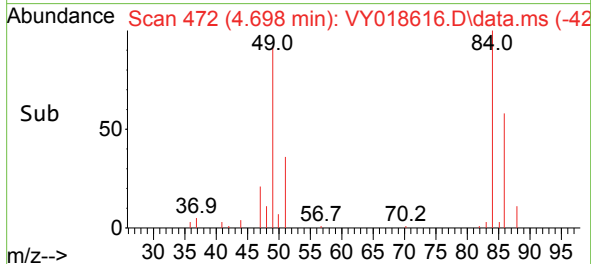
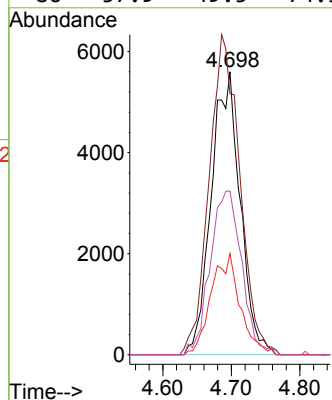


#20
Methylene Chloride
Concen: 6.096 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

Instrument :
MSVOA_Y
ClientSampleId :

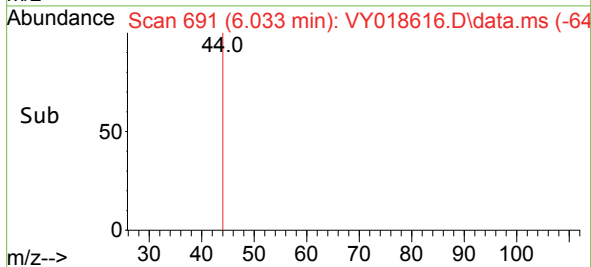
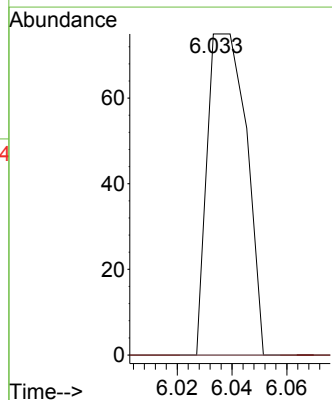
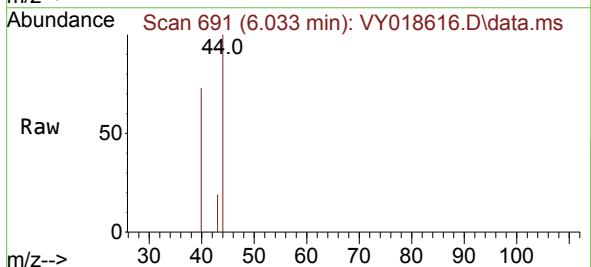


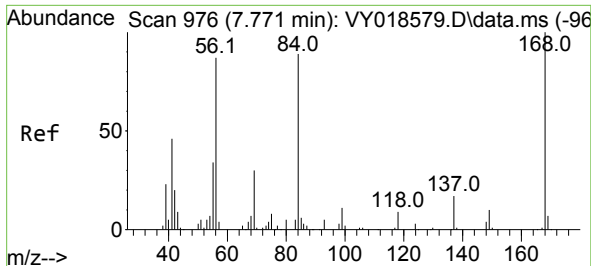
Tgt Ion:	84	Resp:	16367
Ion	Ratio	Lower	Upper
84	100		
49	92.3	84.4	126.6
51	35.7	26.0	39.0
86	57.9	49.5	74.3



#23
Vinyl Acetate
Concen: 23.721 ug/l
RT: 6.033 min Scan# 691
Delta R.T. -0.012 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

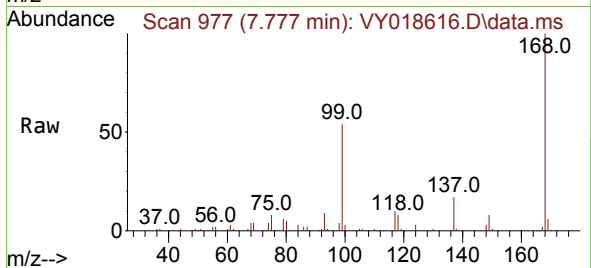
Tgt Ion:	43	Resp:	74
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#



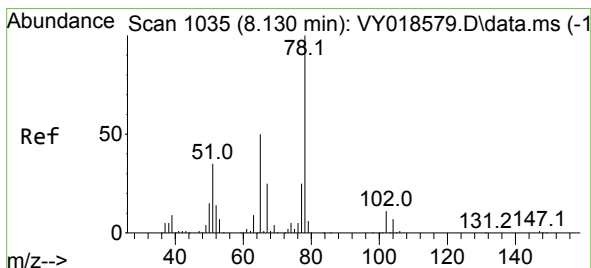
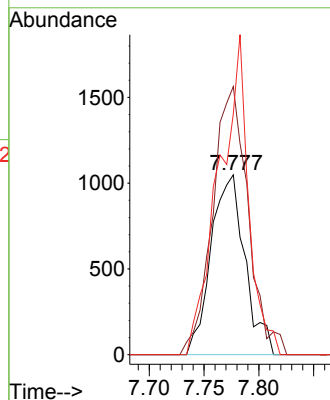
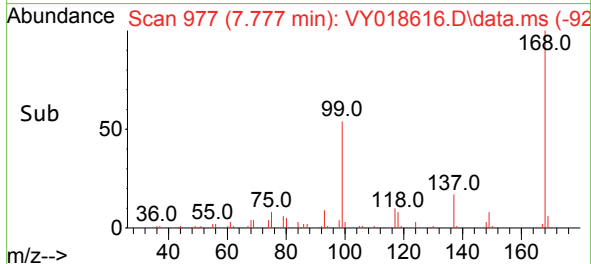


#31
Cyclohexane
Concen: 1.576 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

Instrument :
MSVOA_Y
ClientSampleId :

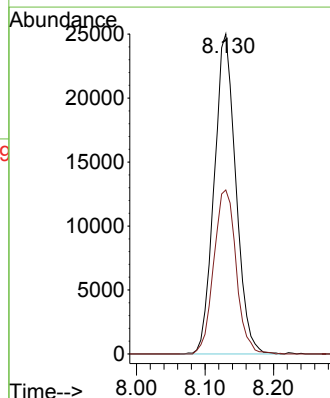
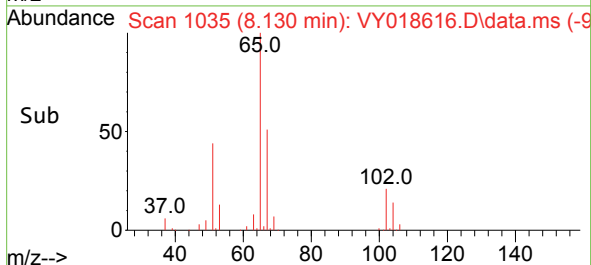
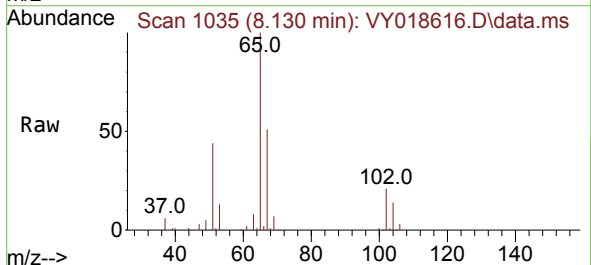


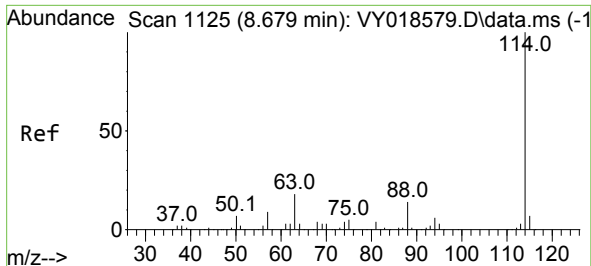
Tgt Ion: 56 Resp: 2257
Ion Ratio Lower Upper
56 100
69 149.1 28.7 43.1#
84 133.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.480 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

Tgt Ion: 65 Resp: 54670
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: VY018616.D

Acq: 17 Jun 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

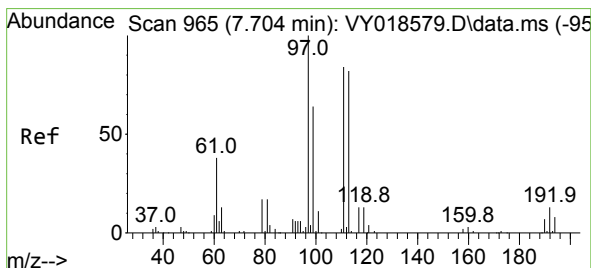
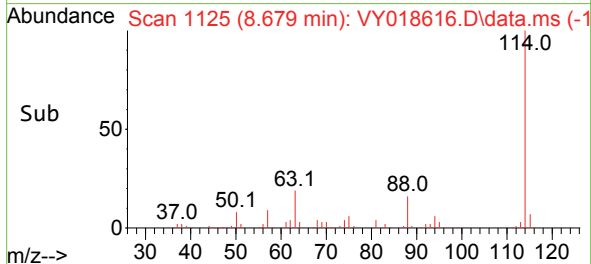
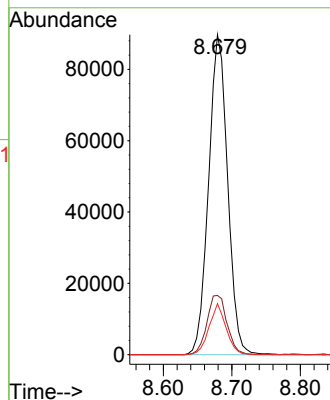
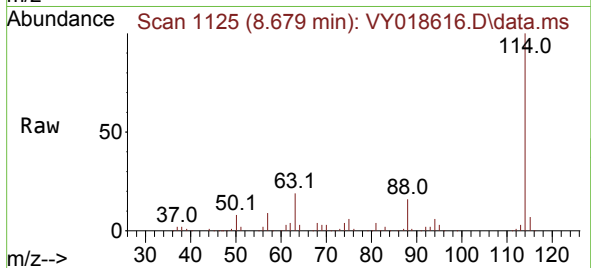
Tgt Ion:114 Resp: 173400

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.031 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018616.D

Acq: 17 Jun 2024 18:20

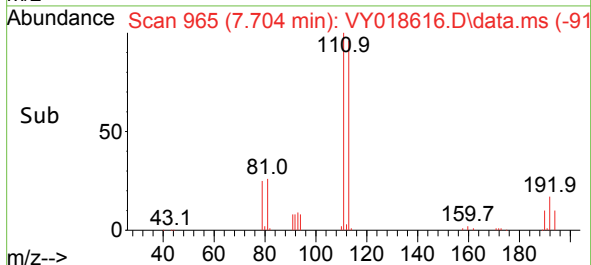
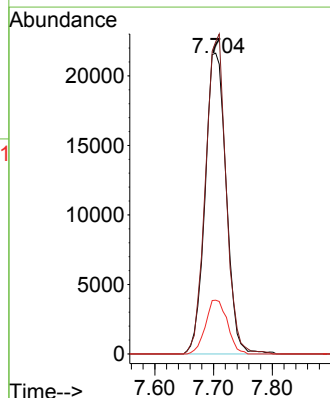
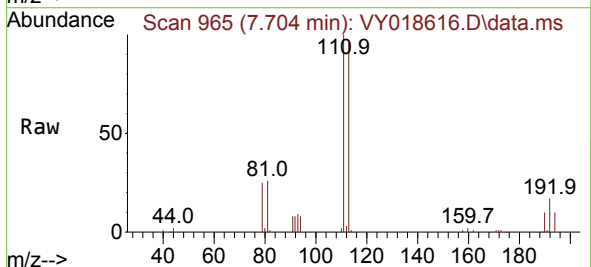
Tgt Ion:113 Resp: 53979

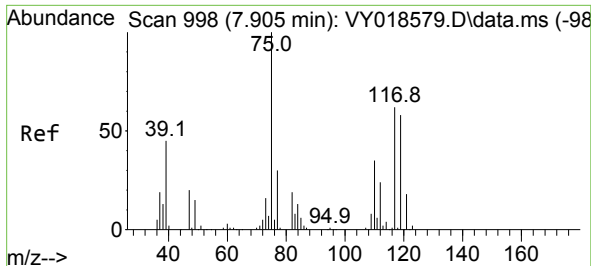
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

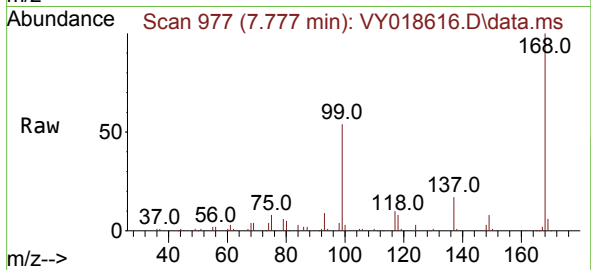
192 18.5 15.9 23.9



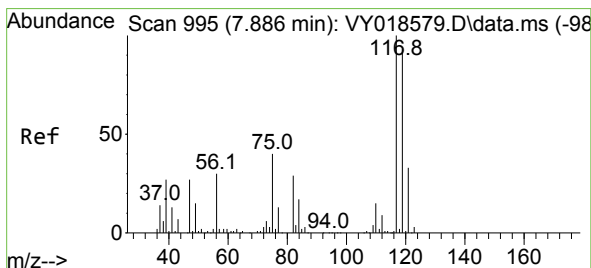
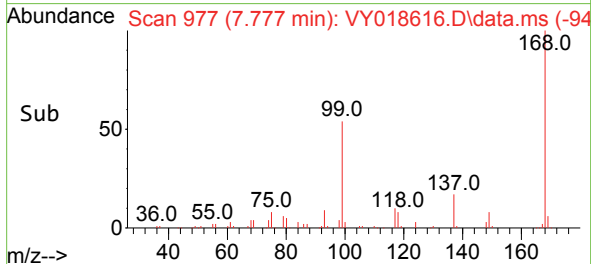
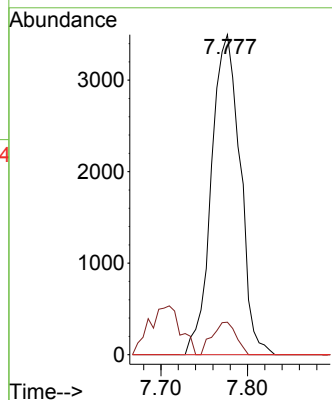


#36
1,1-Dichloropropene
Concen: 5.527 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

Instrument :
MSVOA_Y
ClientSampleId :

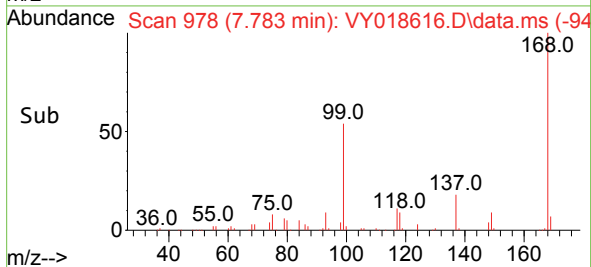
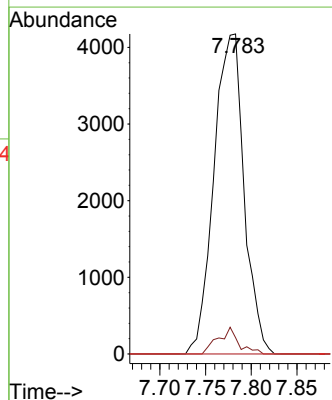
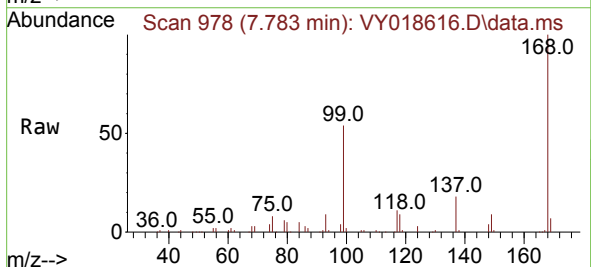


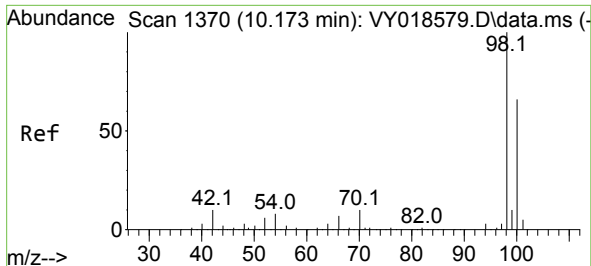
Tgt Ion: 75 Resp: 8047
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.268 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.104 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

Tgt Ion: 117 Resp: 9574
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.0 36.0#

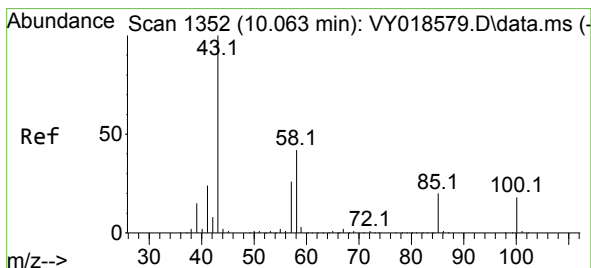
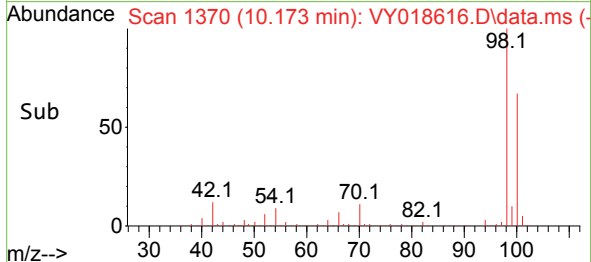
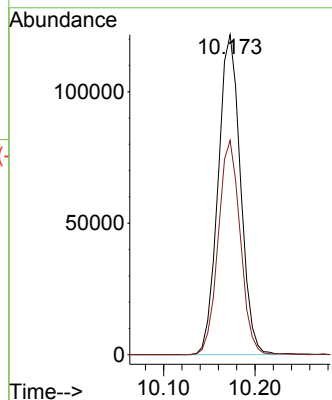
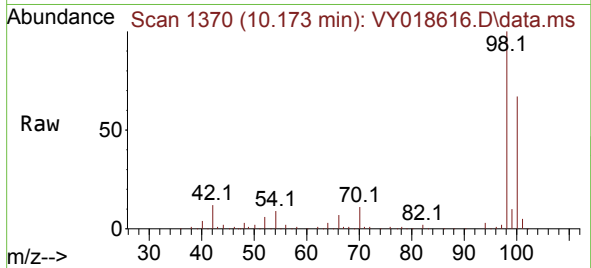




#50
Toluene-d8
Concen: 50.831 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

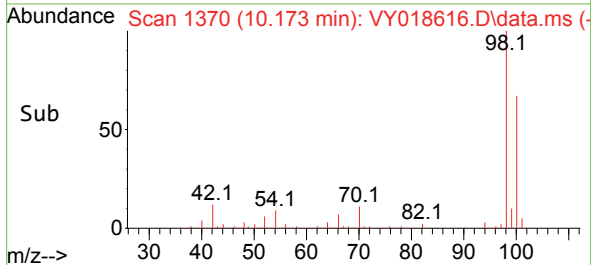
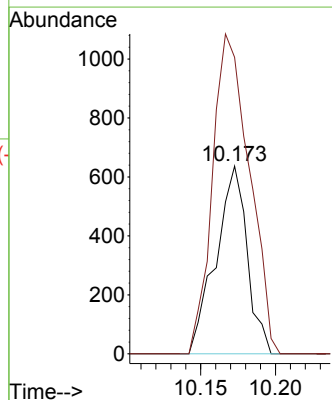
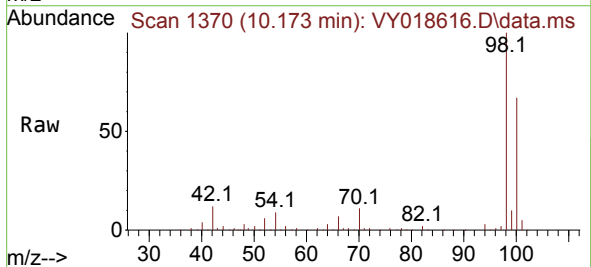
Instrument :
MSVOA_Y
ClientSampleId :

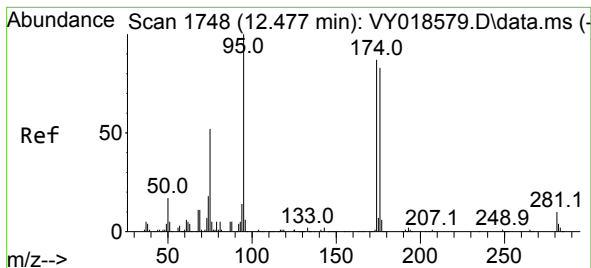
Tgt Ion: 98 Resp: 206771
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.375 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.110 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 200.5 35.7 53.5#

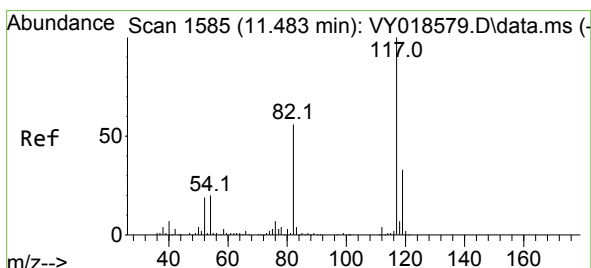
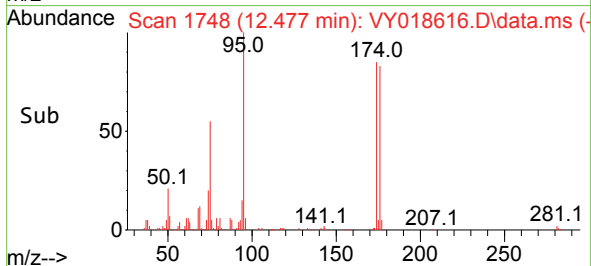
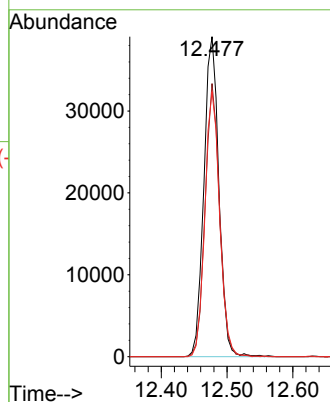
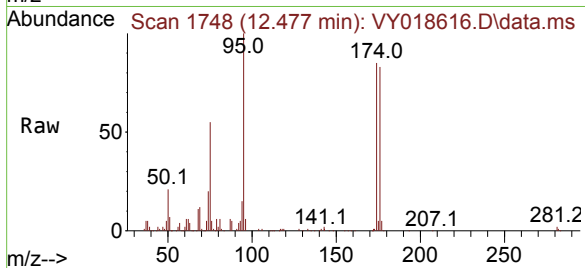




#62
4-Bromofluorobenzene
Concen: 48.222 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

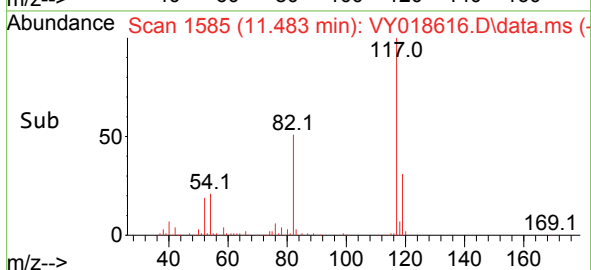
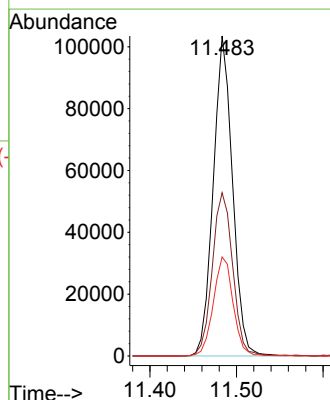
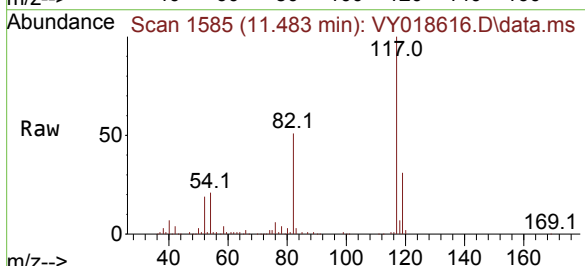
Instrument :
MSVOA_Y
ClientSampleId :

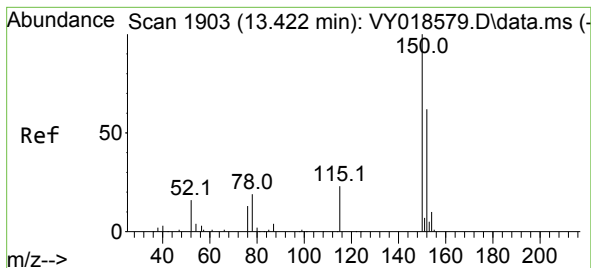
Tgt Ion: 95 Resp: 61941
Ion Ratio Lower Upper
95 100
174 82.9 0.0 175.6
176 81.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018616.D
Acq: 17 Jun 2024 18:20

Tgt Ion: 117 Resp: 160227
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 30.9 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: VY018616.D

Acq: 17 Jun 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

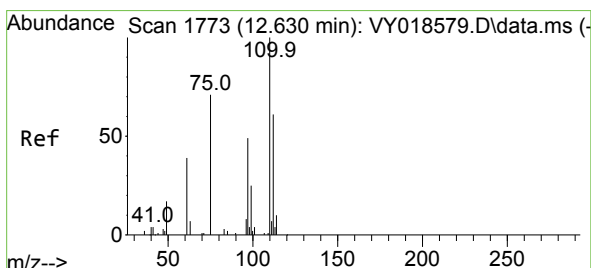
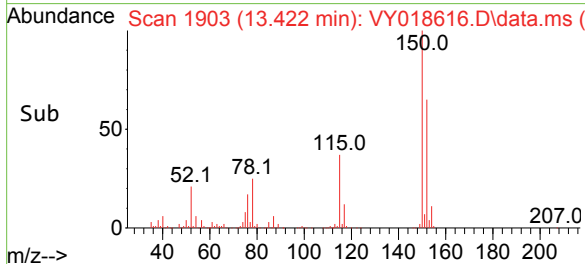
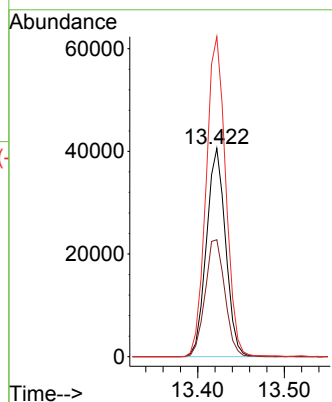
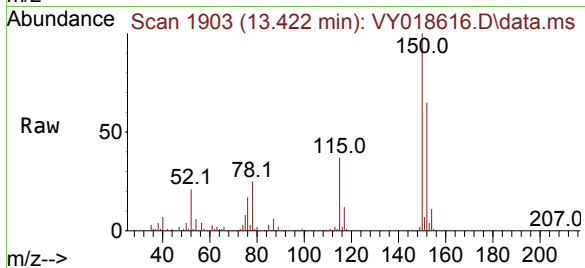
Tgt Ion:152 Resp: 62520

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 156.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 57.576 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018616.D

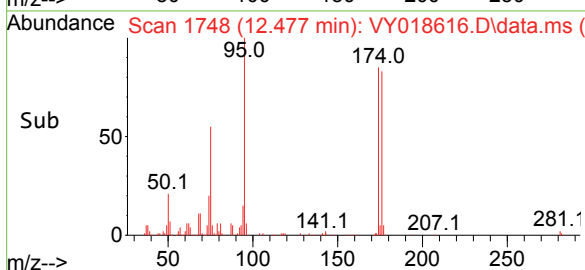
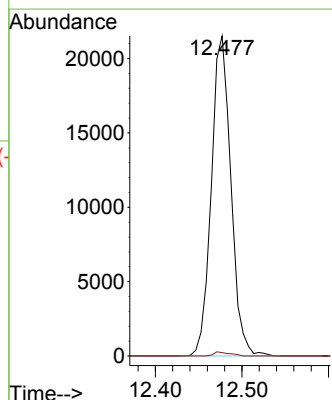
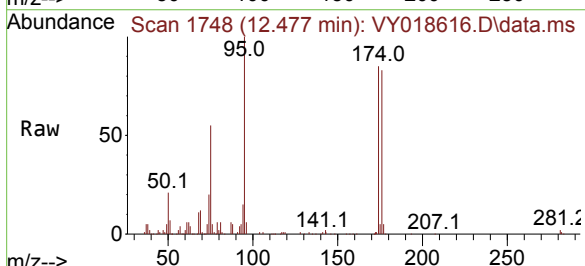
Acq: 17 Jun 2024 18:20

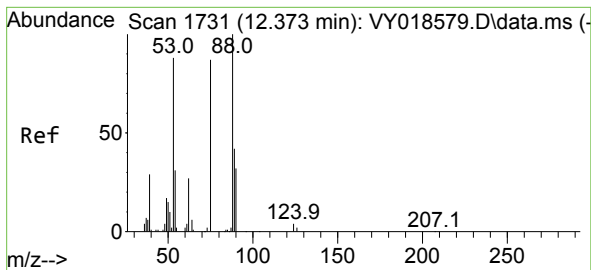
Tgt Ion: 75 Resp: 33766

Ion Ratio Lower Upper

75 100

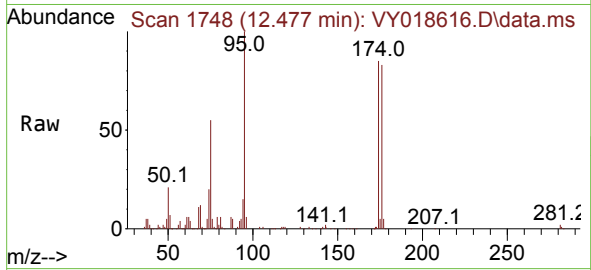
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.812 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018616.D
 Acq: 17 Jun 2024 18:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.0	35.8	53.6#

