

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018767.D
 Acq On : 10 Jul 2024 15:21
 Operator : SY/MD
 Sample : P3186-03
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 02:24:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

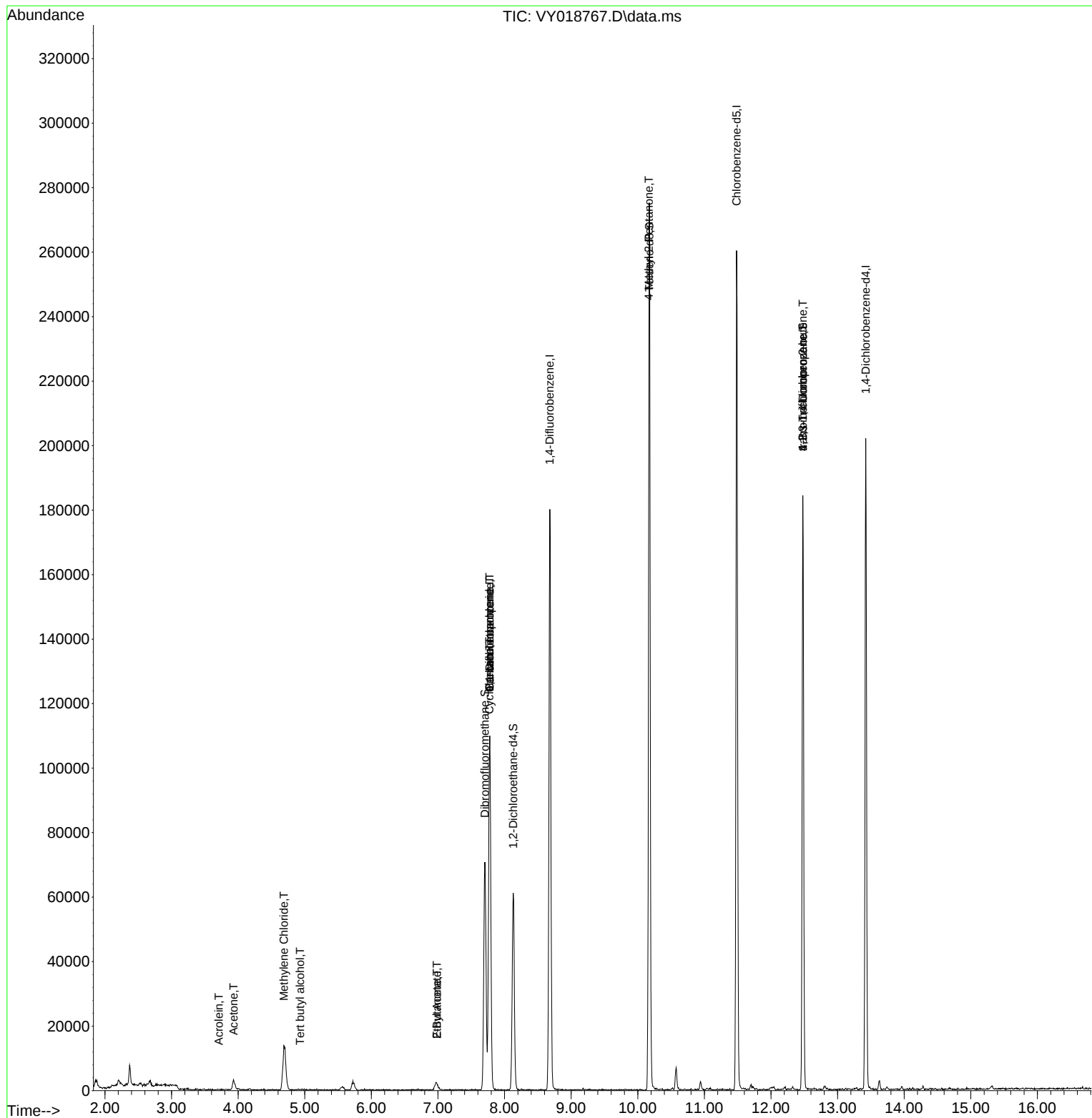
Internal Standards						
1) Pentafluorobenzene	7.777	168	89289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	157478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	140769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	48203	54.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.720%	
35) Dibromofluoromethane	7.704	113	48791	49.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.940%	
50) Toluene-d8	10.173	98	177749	47.568	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.140%	
62) 4-Bromofluorobenzene	12.477	95	55486	43.480	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	160	1.798	ug/l #	88
13) Acrolein	3.711	56	95	1.332	ug/l #	15
16) Acetone	3.930	43	4981	30.750	ug/l	94
20) Methylene Chloride	4.686	84	11137	7.967	ug/l	87
25) 2-Butanone	6.984	43	1971	8.681	ug/l #	64
31) Cyclohexane	7.771	56	1972	1.461	ug/l #	63
36) 1,1-Dichloropropene	7.777	75	6391	4.695	ug/l #	45
37) Ethyl Acetate	6.984	43	1971	3.484	ug/l #	68
38) Carbon Tetrachloride	7.777	117	8971	5.472	ug/l #	16
51) 4-Methyl-2-Pentanone	10.167	43	915	1.592	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	28893	71.538	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28893	160.106	ug/l #	16

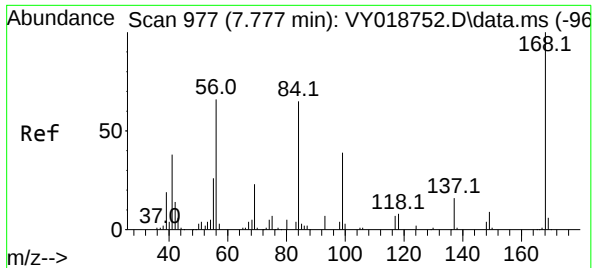
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
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Misc : 4.60g/5.0mL/MSVOA_Y/SOIL/A
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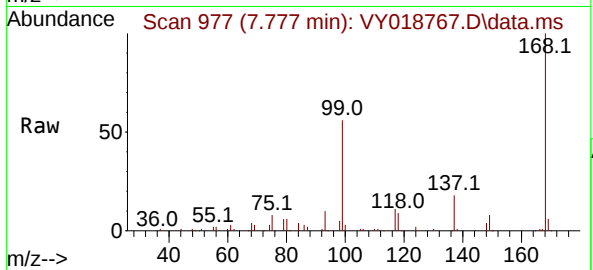
Quant Time: Jul 11 02:24:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



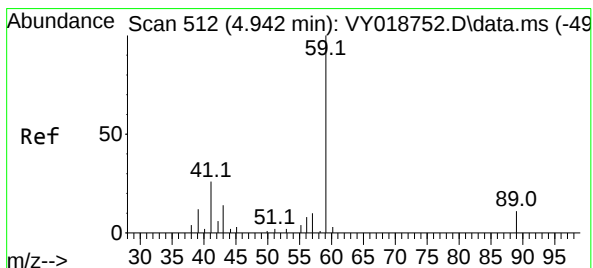
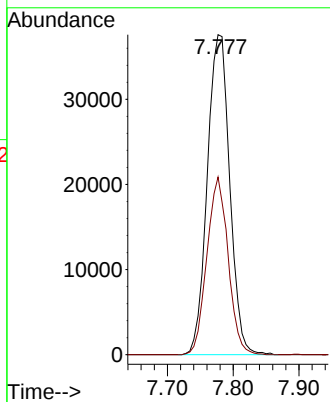
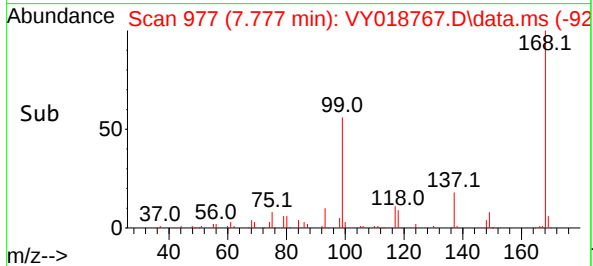


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :

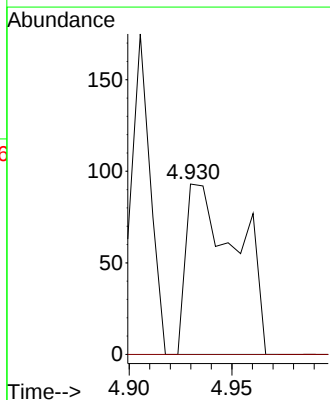
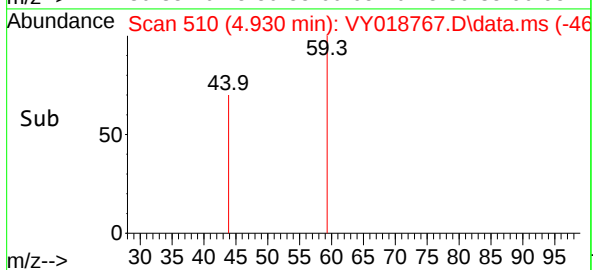
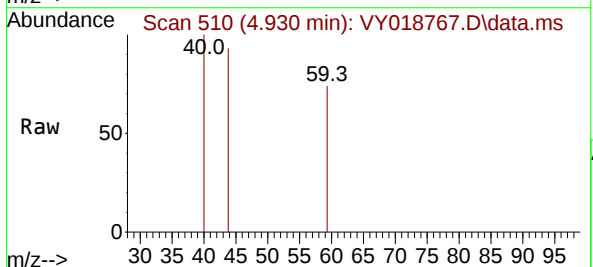


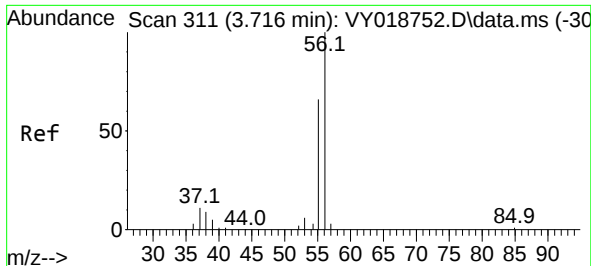
Tgt Ion:168 Resp: 89289
Ion Ratio Lower Upper
168 100
99 55.5 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.798 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

Tgt Ion: 59 Resp: 160
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

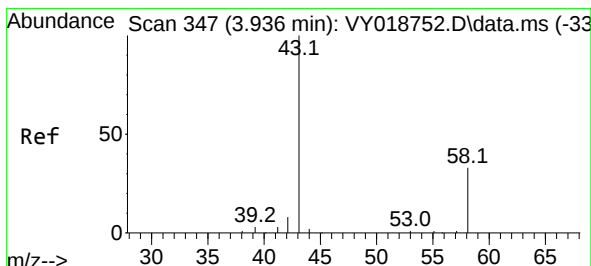
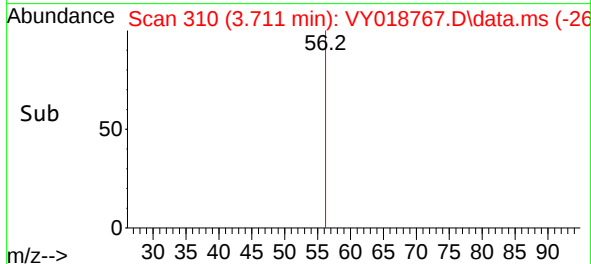
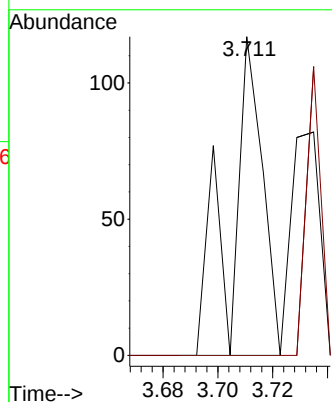
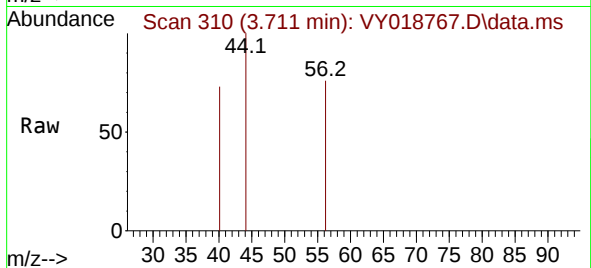




#13
Acrolein
Concen: 1.332 ug/l
RT: 3.711 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

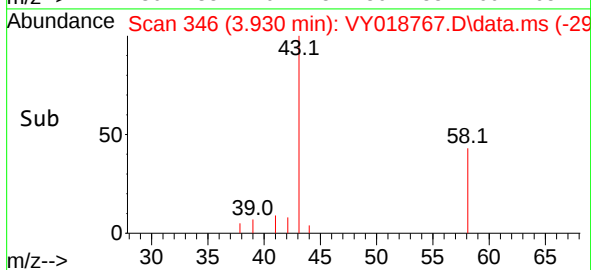
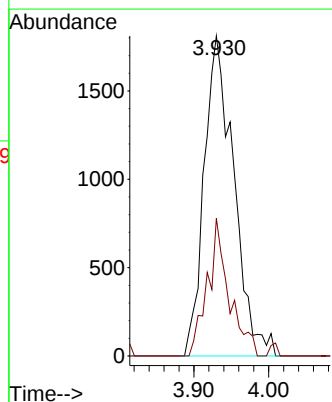
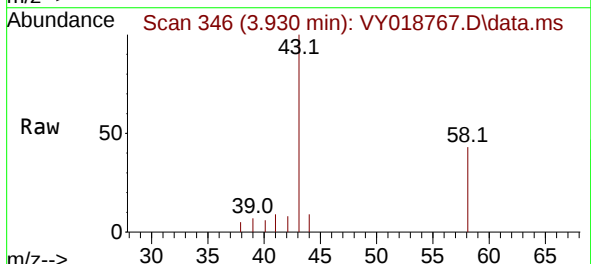
Instrument :
MSVOA_Y
ClientSampleId :

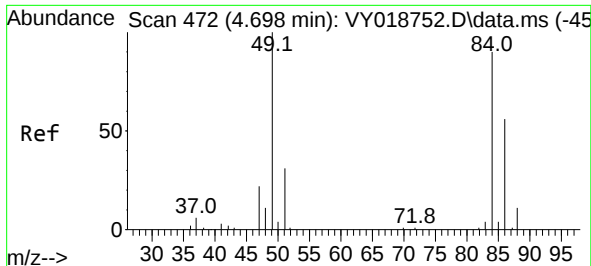
Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 30.750 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

Tgt Ion: 43 Resp: 4981
Ion Ratio Lower Upper
43 100
58 43.1 31.7 47.5





#20

Methylene Chloride

Concen: 7.967 ug/l

RT: 4.686 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY018767.D

Acq: 10 Jul 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 11137

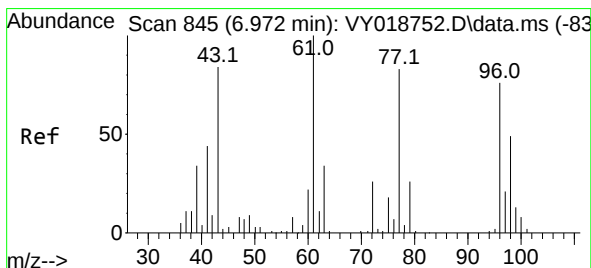
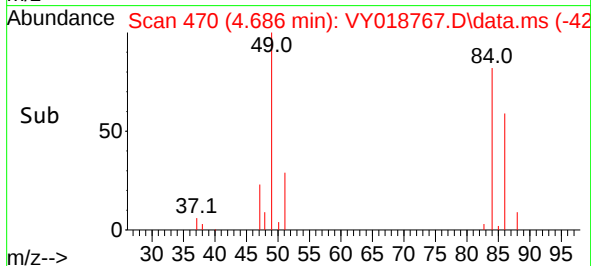
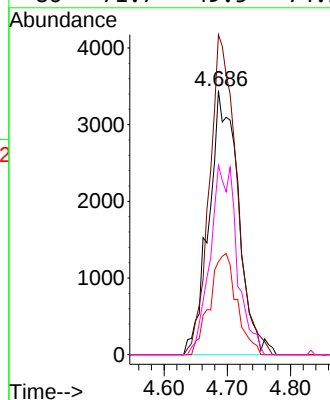
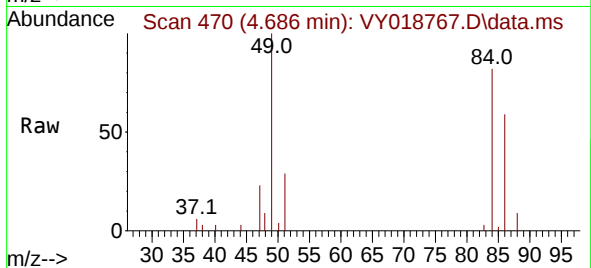
Ion Ratio Lower Upper

84 100

49 121.2 84.4 126.6

51 35.2 26.0 39.0

86 71.7 49.5 74.3



#25

2-Butanone

Concen: 8.681 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY018767.D

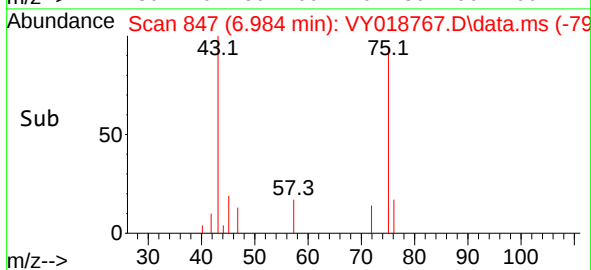
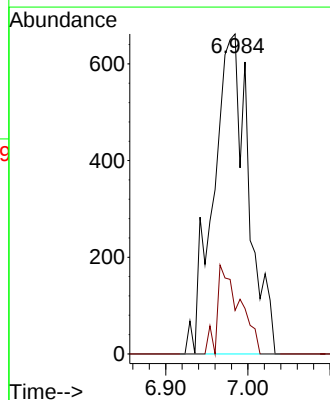
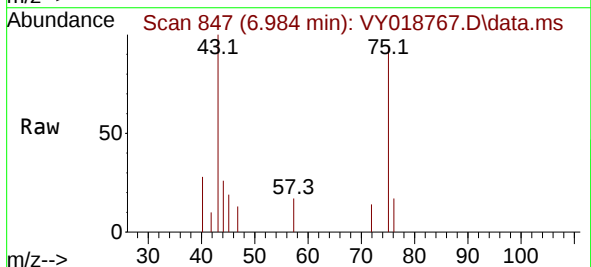
Acq: 10 Jul 2024 15:21

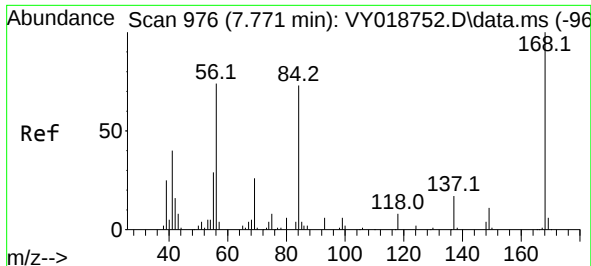
Tgt Ion: 43 Resp: 1971

Ion Ratio Lower Upper

43 100

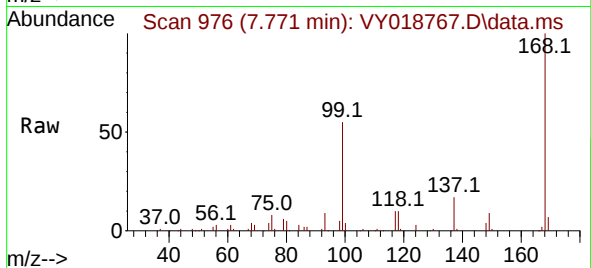
72 13.6 27.3 40.9#



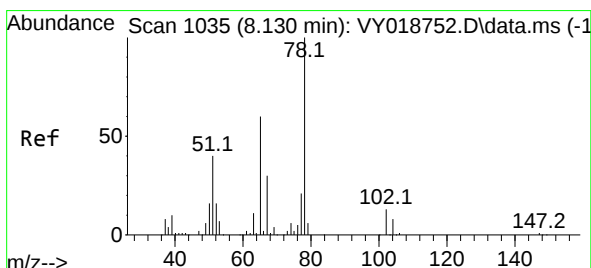
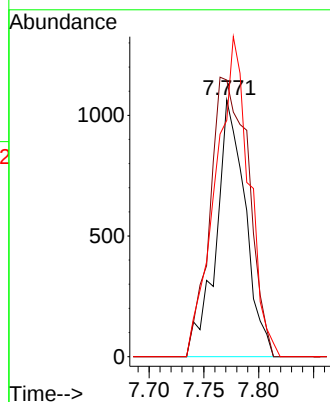
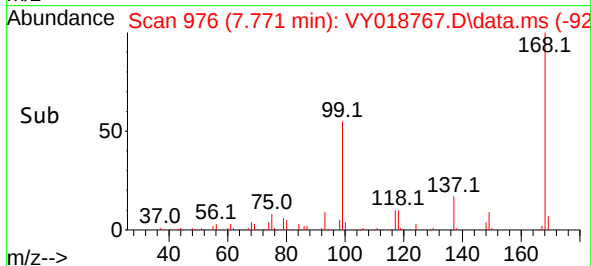


#31
Cyclohexane
Concen: 1.461 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :

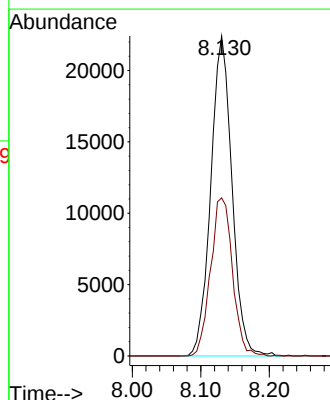
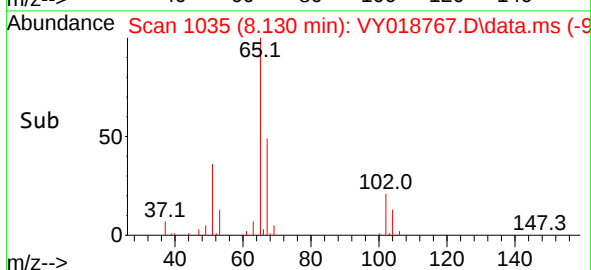
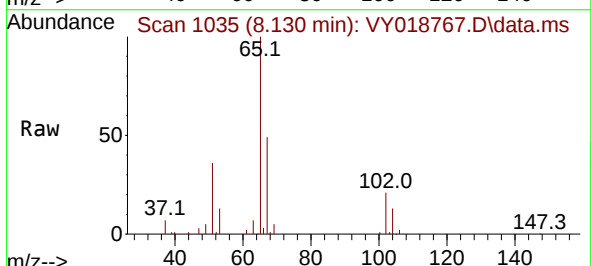


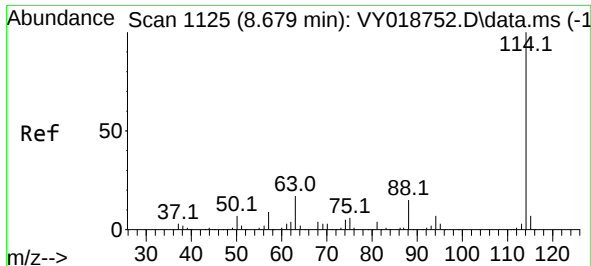
Tgt Ion: 56 Resp: 1972
Ion Ratio Lower Upper
56 100
69 107.7 28.7 43.1#
84 92.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 54.862 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

Tgt Ion: 65 Resp: 48203
Ion Ratio Lower Upper
65 100
67 51.0 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: VY018767.D

Acq: 10 Jul 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

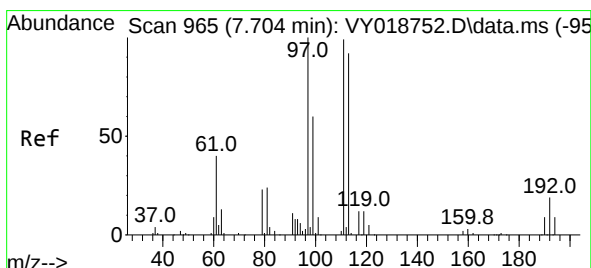
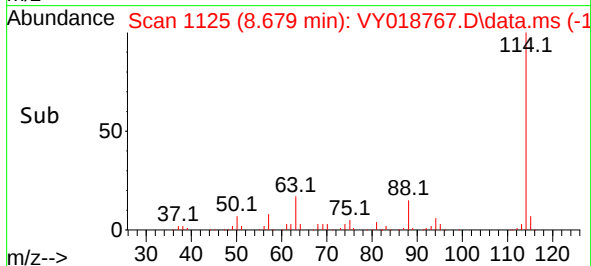
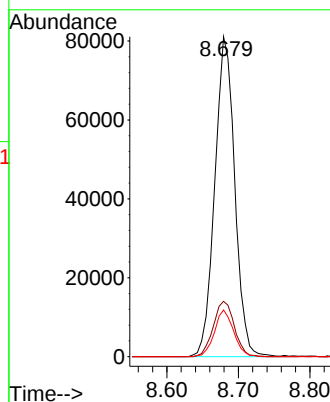
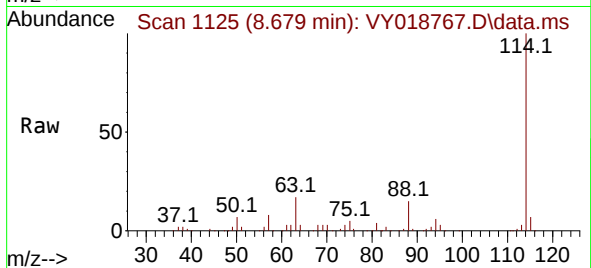
Tgt Ion:114 Resp: 157478

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.468 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018767.D

Acq: 10 Jul 2024 15:21

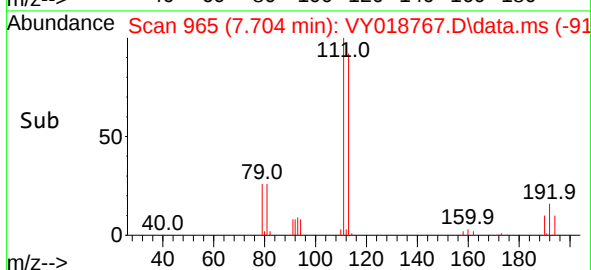
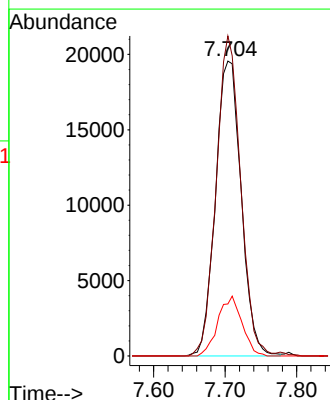
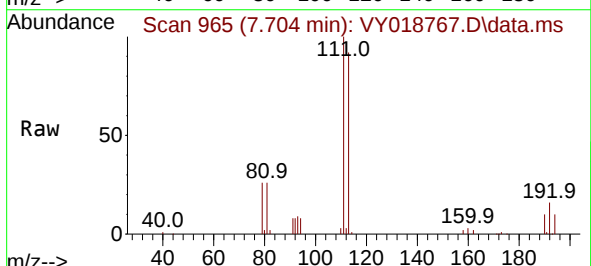
Tgt Ion:113 Resp: 48791

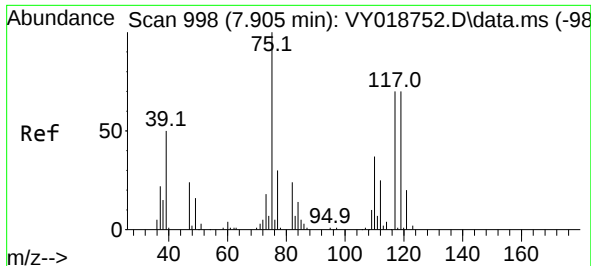
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 19.0 15.9 23.9

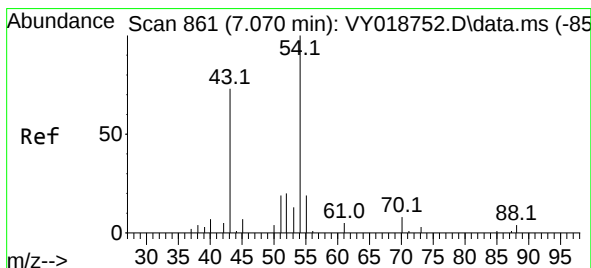
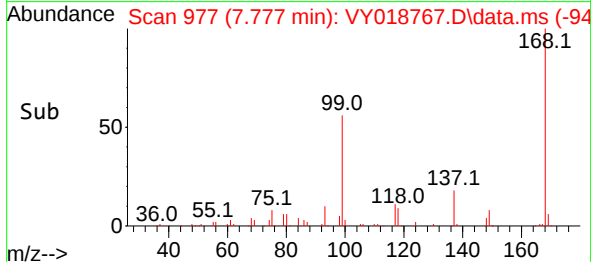
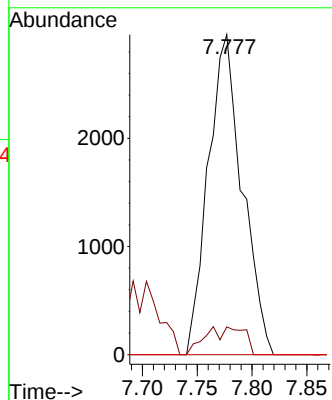
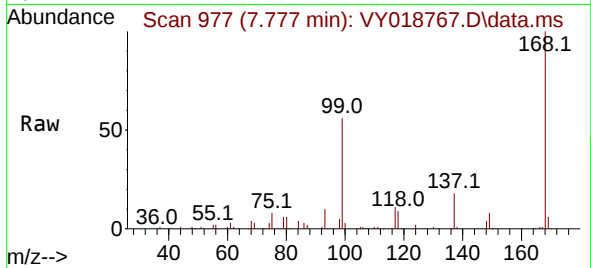




#36
1,1-Dichloropropene
Concen: 4.695 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

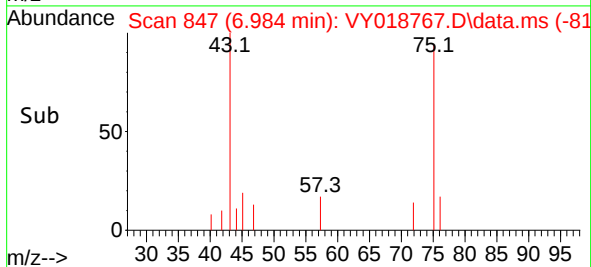
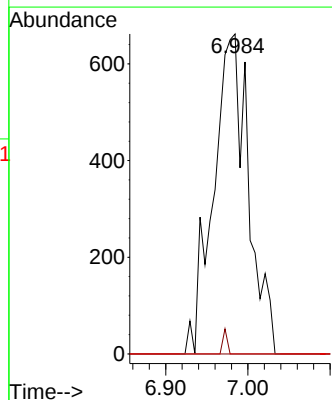
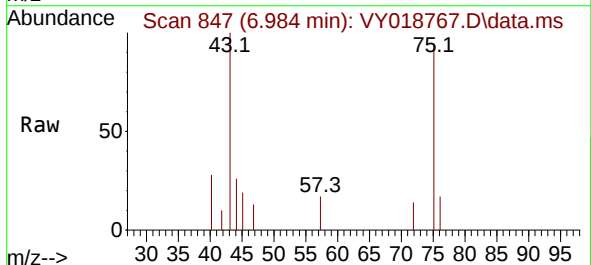
Instrument :
MSVOA_Y
ClientSampleId :

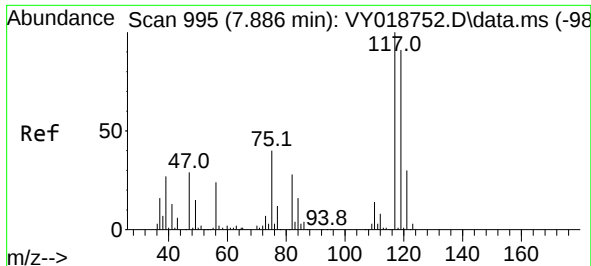
Tgt Ion: 75 Resp: 6391
Ion Ratio Lower Upper
75 100
110 5.4 19.0 57.0#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 3.484 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.085 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

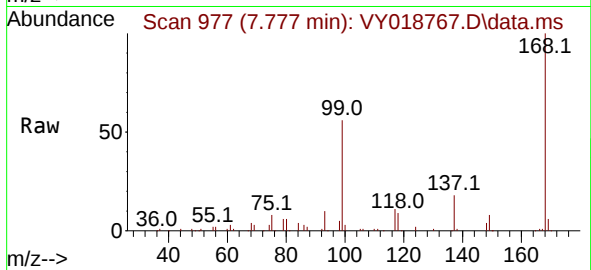
Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
61 1.0 12.6 19.0#
70 0.0 7.8 11.8#



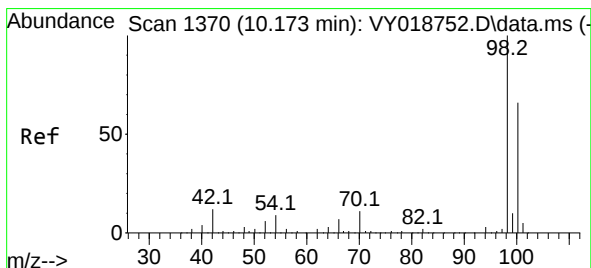
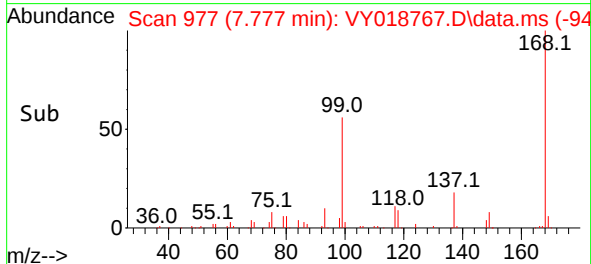
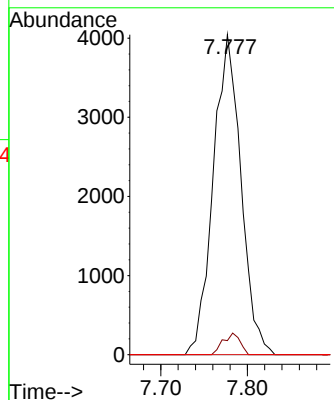


#38
Carbon Tetrachloride
Concen: 5.472 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :

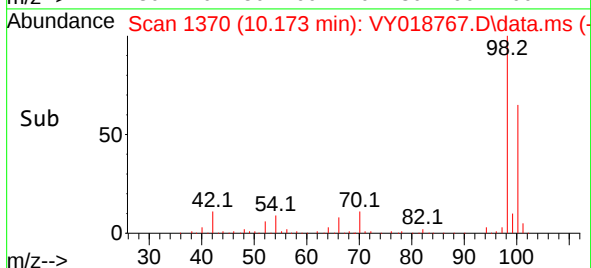
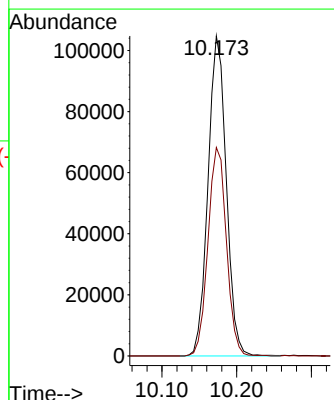
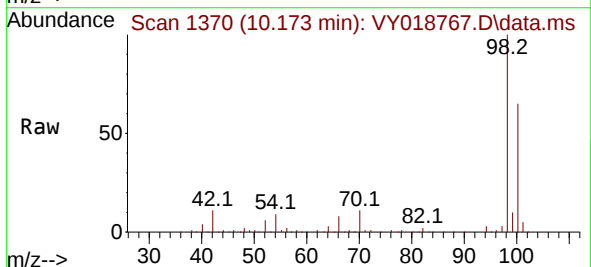


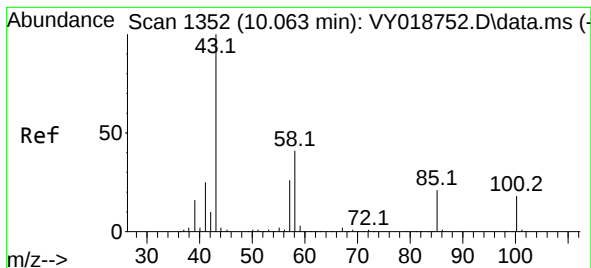
Tgt Ion:117 Resp: 8971
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.568 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

Tgt Ion: 98 Resp: 177749
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

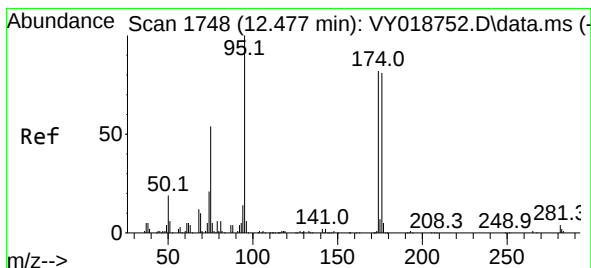
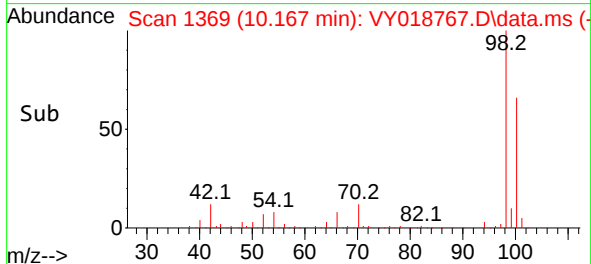
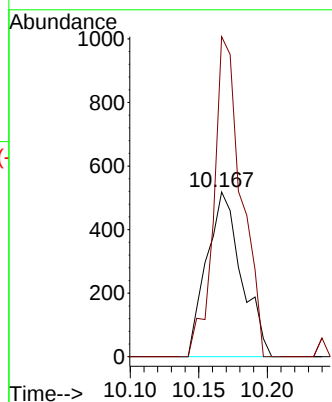
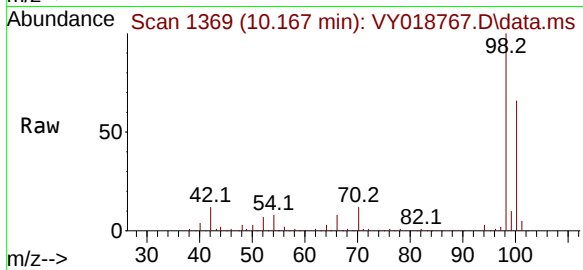




#51
4-Methyl-2-Pentanone
Concen: 1.592 ug/l
RT: 10.167 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

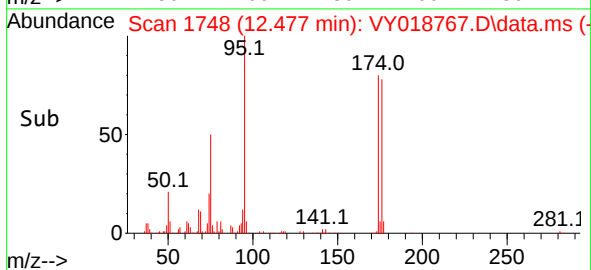
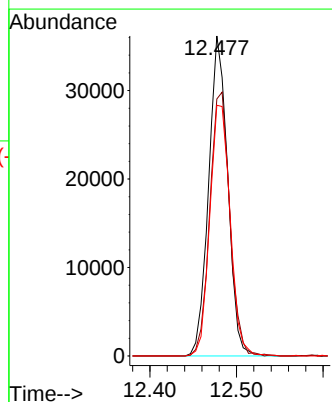
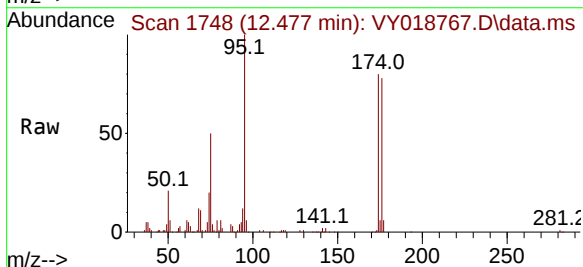
Instrument :
MSVOA_Y
ClientSampleId :

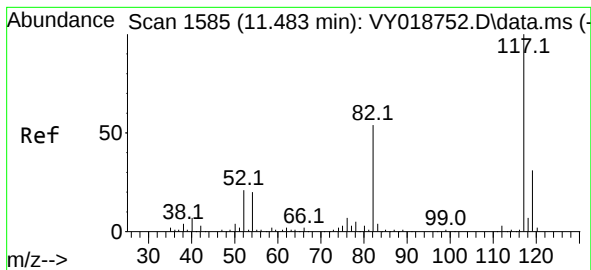
Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
58 154.2 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 43.480 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

Tgt Ion: 95 Resp: 55486
Ion Ratio Lower Upper
95 100
174 86.1 0.0 175.6
176 83.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018767.D

Acq: 10 Jul 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

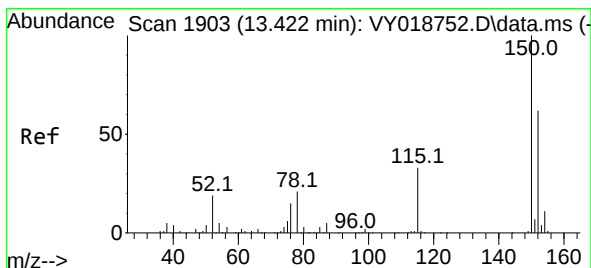
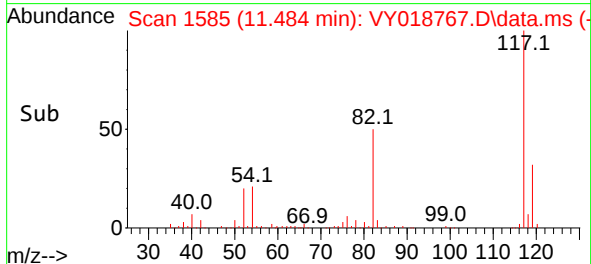
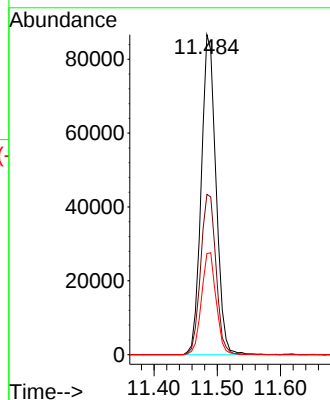
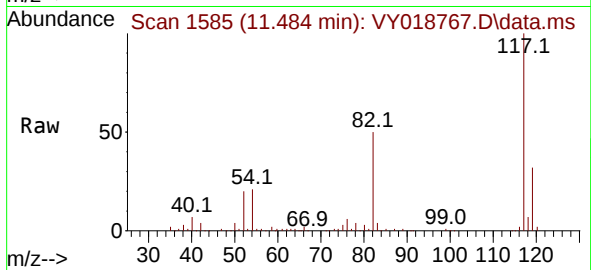
Tgt Ion:117 Resp: 140769

Ion Ratio Lower Upper

117 100

82 50.1 42.4 63.6

119 31.6 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: VY018767.D

Acq: 10 Jul 2024 15:21

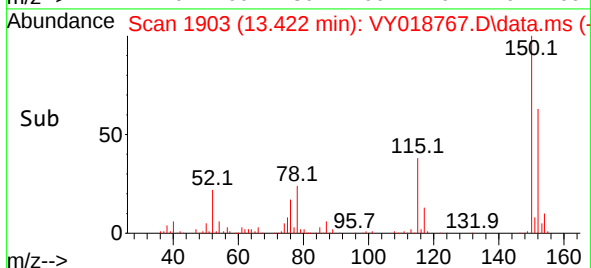
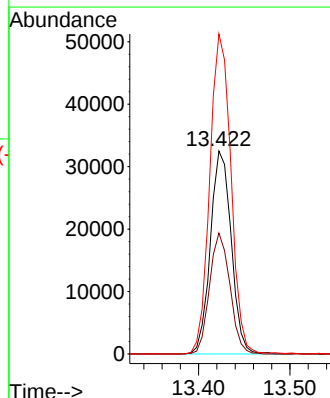
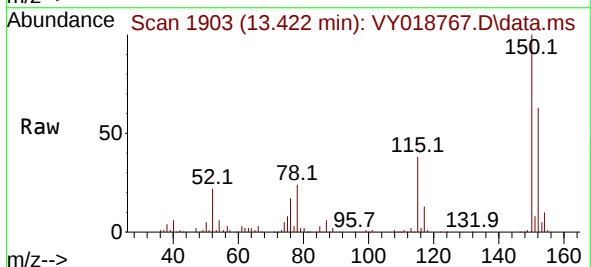
Tgt Ion:152 Resp: 51567

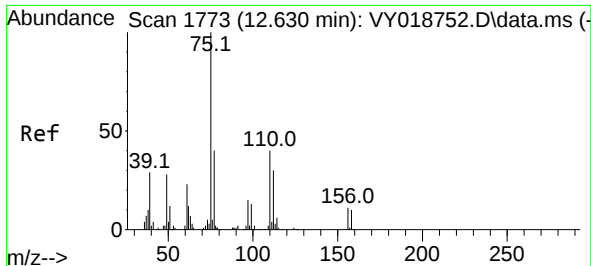
Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 159.8 0.0 345.6

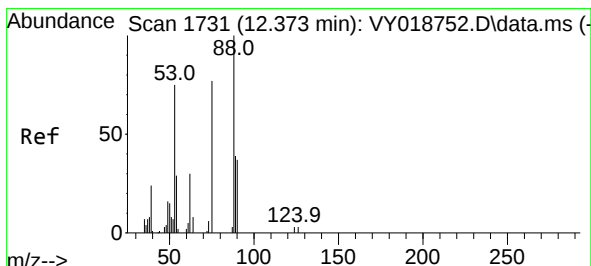
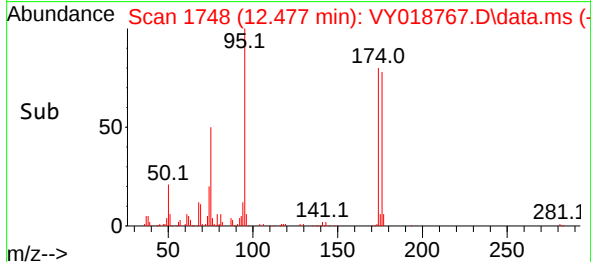
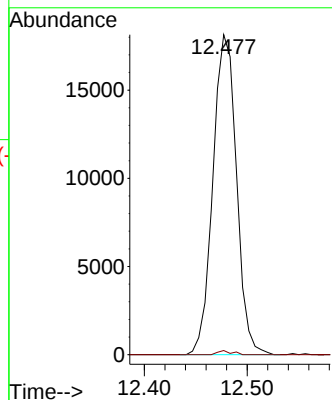
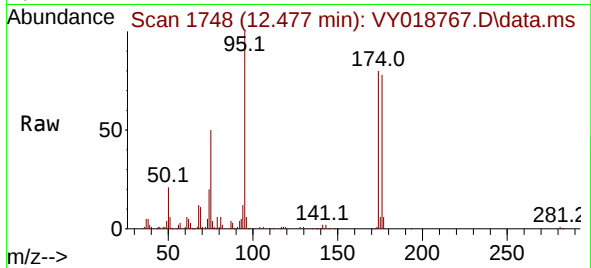




#76
1,2,3-Trichloropropane
Concen: 71.538 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 28893
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 160.106 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018767.D
Acq: 10 Jul 2024 15:21

Tgt Ion: 75 Resp: 28893
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.5 35.8 53.6#

