

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018798.D
 Acq On : 12 Jul 2024 15:27
 Operator : SY/MD
 Sample : P3208-05
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 23:40:15 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)

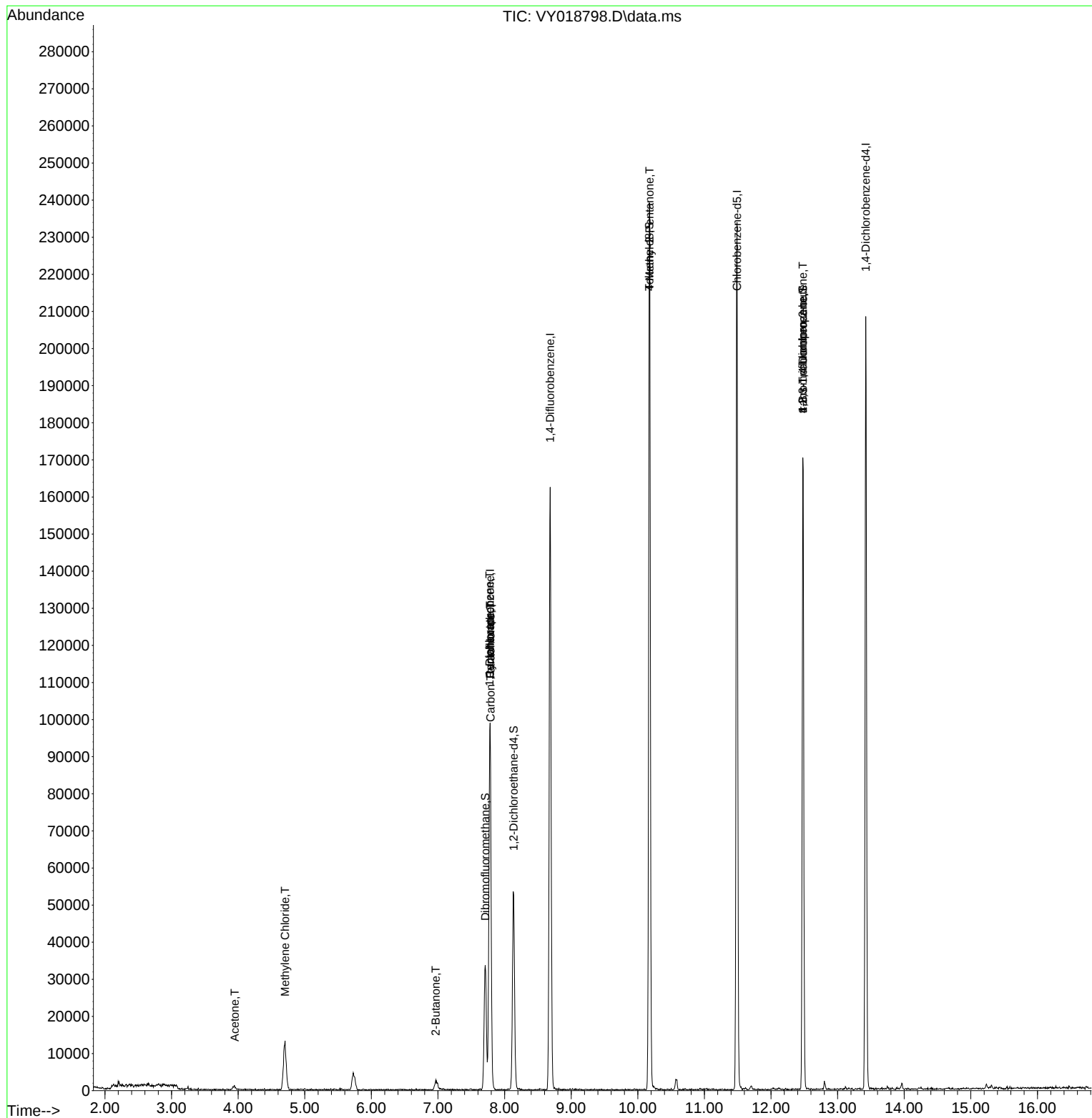
Internal Standards						
1) Pentafluorobenzene	7.783	168	80528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	142581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40045	50.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.080%	
35) Dibromofluoromethane	7.710	113	23240	26.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 52.040%#	
50) Toluene-d8	10.173	98	160433	47.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.840%	
62) 4-Bromofluorobenzene	12.477	95	51522	44.592	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.180%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1886	12.910	ug/l #	80
20) Methylene Chloride	4.704	84	9241	6.889	ug/l #	92
25) 2-Butanone	6.966	43	305	1.489	ug/l #	41
31) Cyclohexane	7.783	56	1756	1.442	ug/l #	60
36) 1,1-Dichloropropene	7.777	75	6087	4.939	ug/l #	48
38) Carbon Tetrachloride	7.789	117	7214	4.860	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	893	1.716	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	27990	68.182	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27990	152.596	ug/l #	16

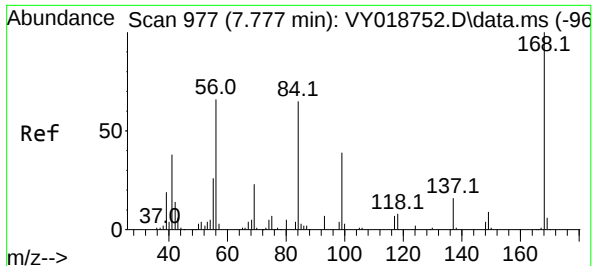
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
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Quant Title : SW846 8260
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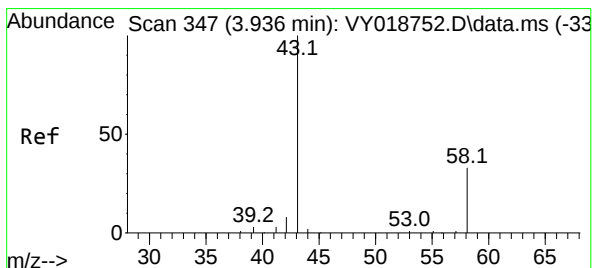
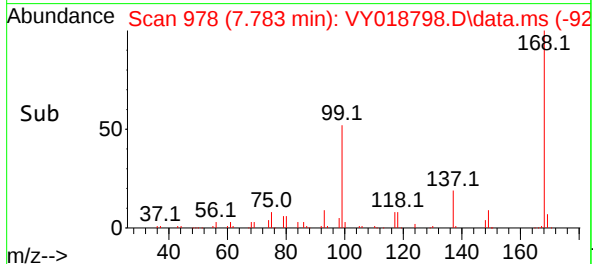
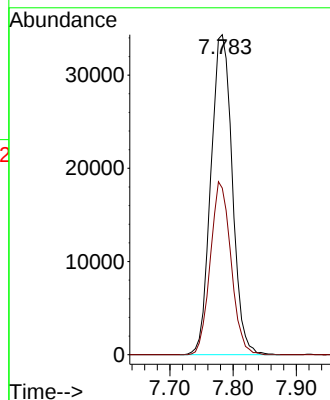
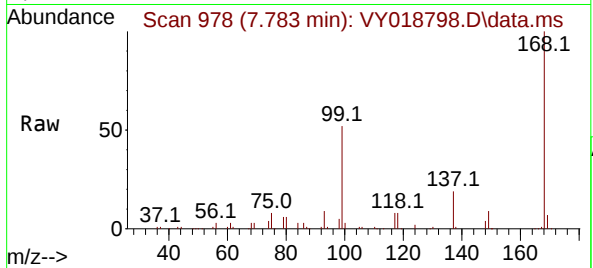




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018798.D
Acq: 12 Jul 2024 15:27

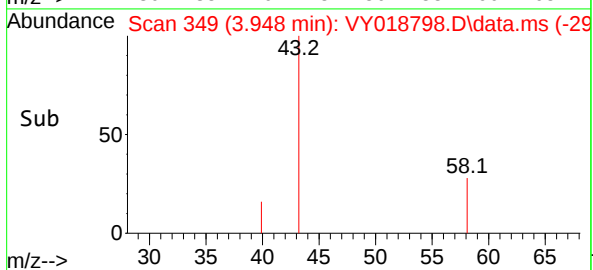
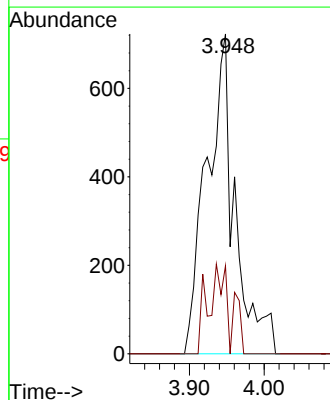
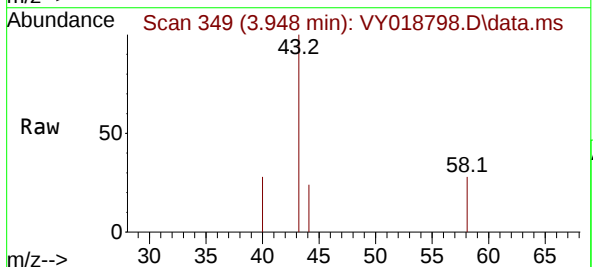
Instrument :
MSVOA_Y
ClientSampleId :

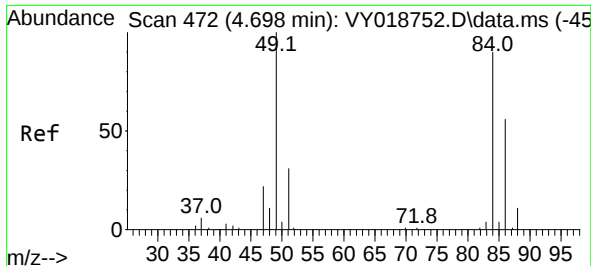
Tgt Ion:168 Resp: 80528
Ion Ratio Lower Upper
168 100
99 52.0 39.1 58.7



#16
Acetone
Concen: 12.910 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018798.D
Acq: 12 Jul 2024 15:27

Tgt Ion: 43 Resp: 1886
Ion Ratio Lower Upper
43 100
58 27.5 31.7 47.5#



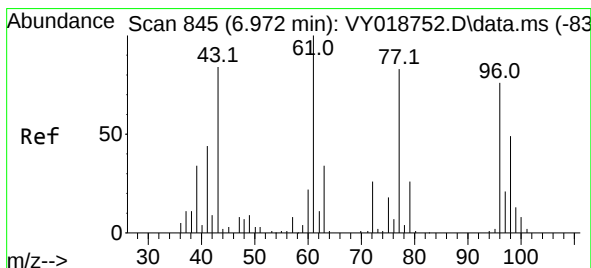
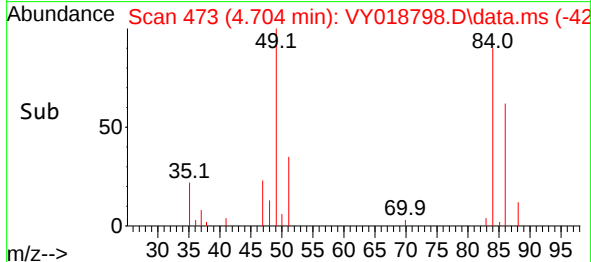
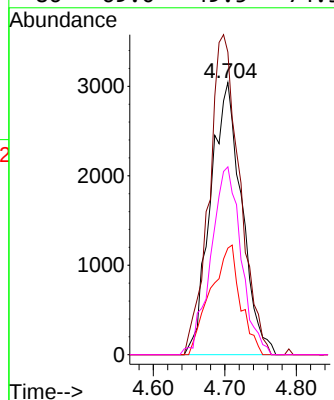
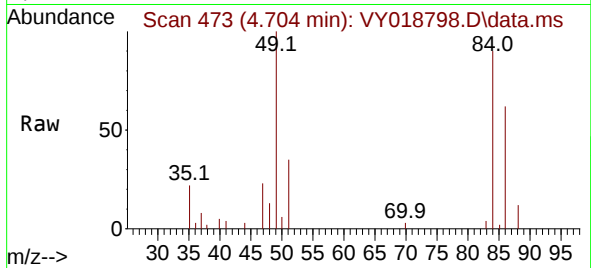


#20
Methylene Chloride
Concen: 6.889 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018798.D
Acq: 12 Jul 2024 15:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 9241

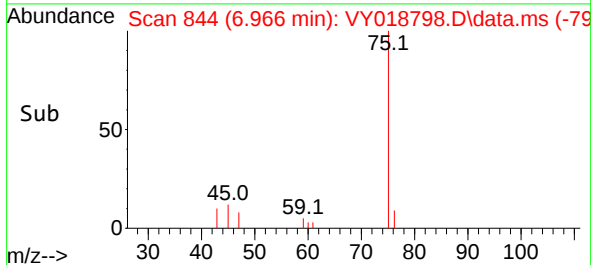
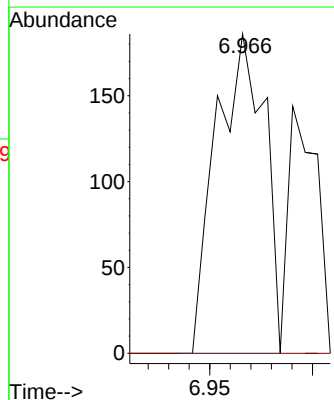
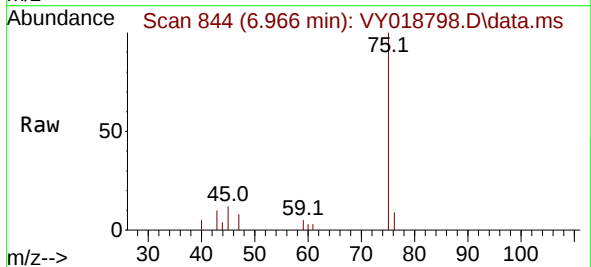
Ion	Ratio	Lower	Upper
84	100		
49	111.2	84.4	126.6
51	39.2	26.0	39.0#
86	69.0	49.5	74.3

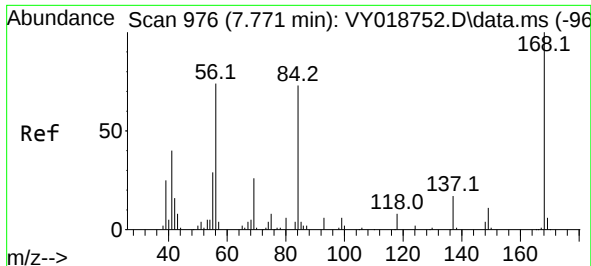


#25
2-Butanone
Concen: 1.489 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY018798.D
Acq: 12 Jul 2024 15:27

Tgt Ion: 43 Resp: 305

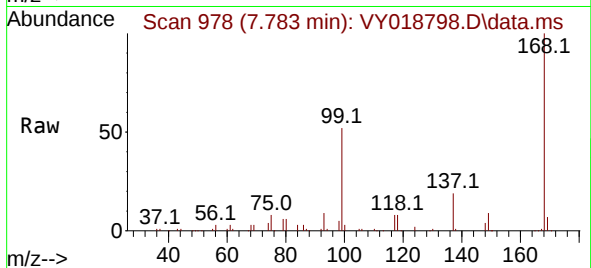
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



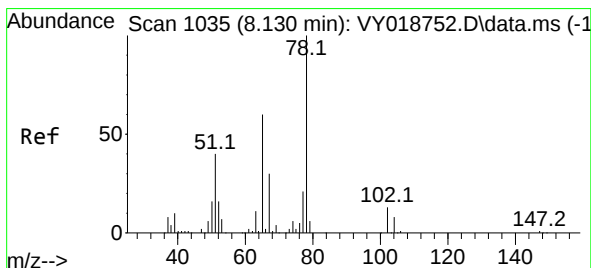
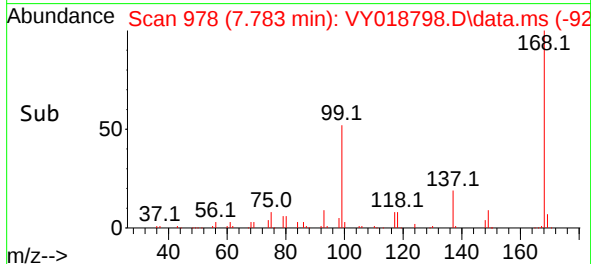
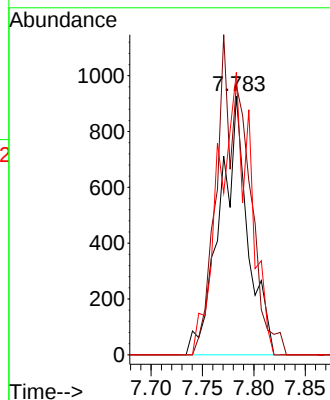


#31
Cyclohexane
Concen: 1.442 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018798.D
Acq: 12 Jul 2024 15:27

Instrument :
MSVOA_Y
ClientSampleId :

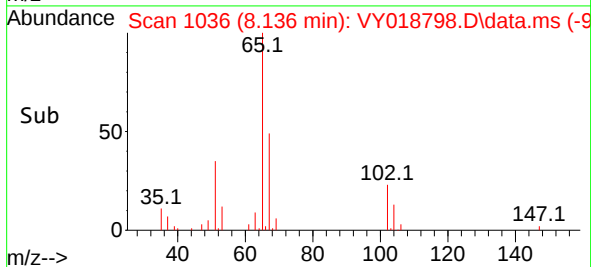
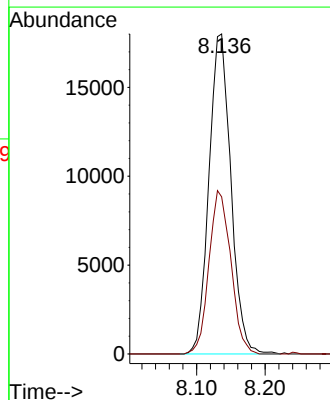
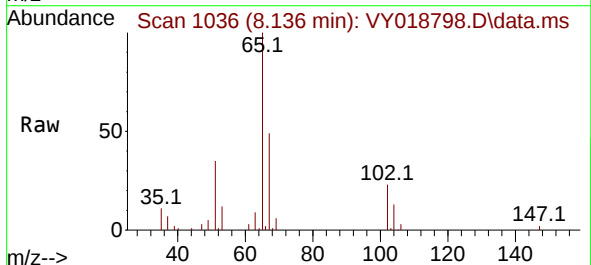


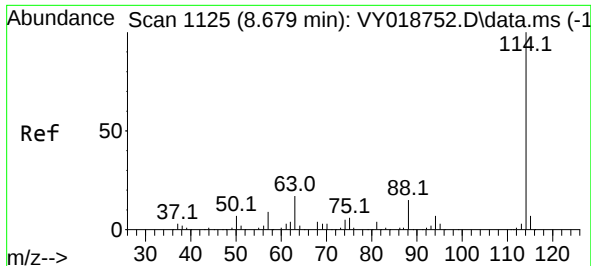
Tgt Ion: 56 Resp: 1756
Ion Ratio Lower Upper
56 100
69 104.3 28.7 43.1#
84 109.3 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 50.536 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY018798.D
Acq: 12 Jul 2024 15:27

Tgt Ion: 65 Resp: 40045
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018798.D

Acq: 12 Jul 2024 15:27

Instrument :

MSVOA_Y

ClientSampleId :

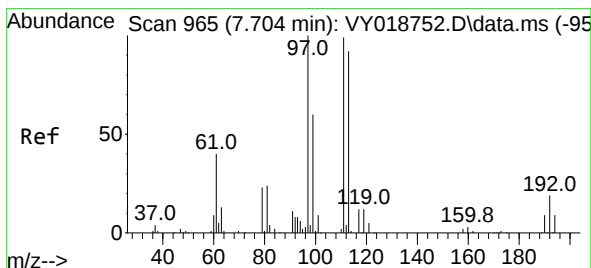
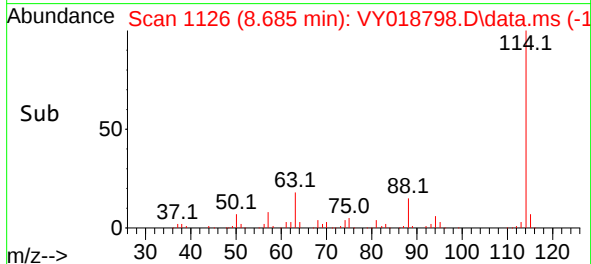
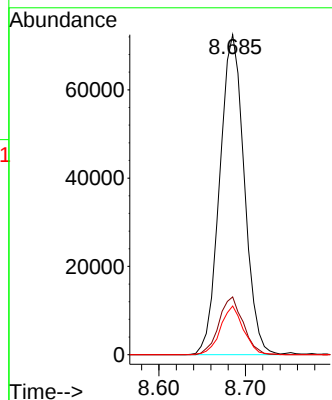
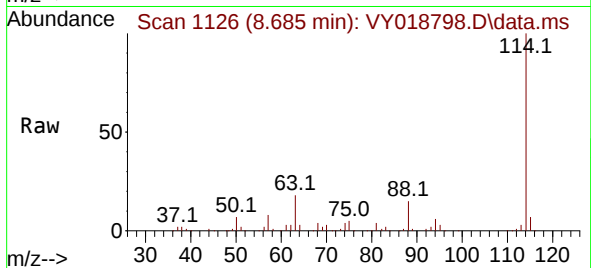
Tgt Ion:114 Resp: 142581

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 26.024 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018798.D

Acq: 12 Jul 2024 15:27

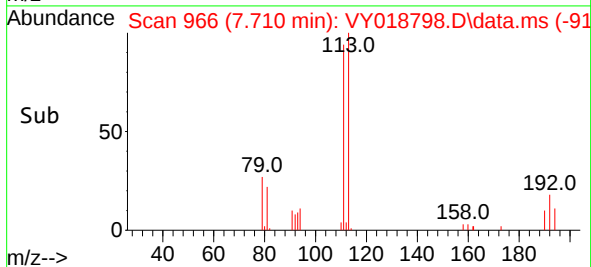
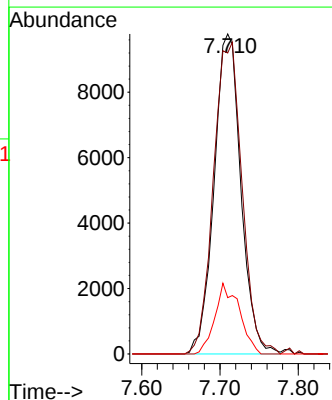
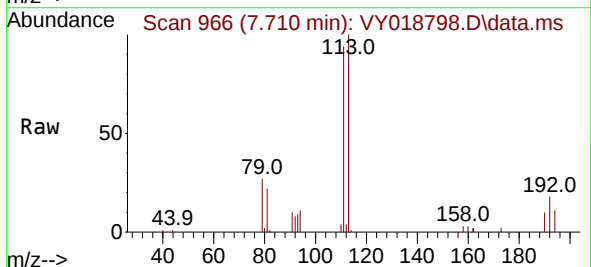
Tgt Ion:113 Resp: 23240

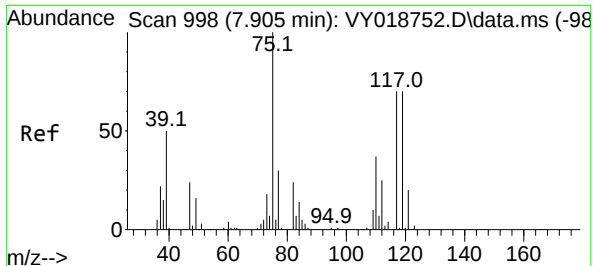
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 20.2 15.9 23.9

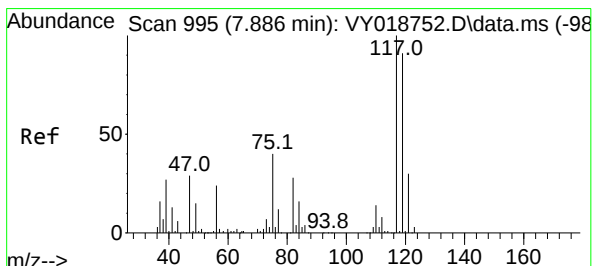
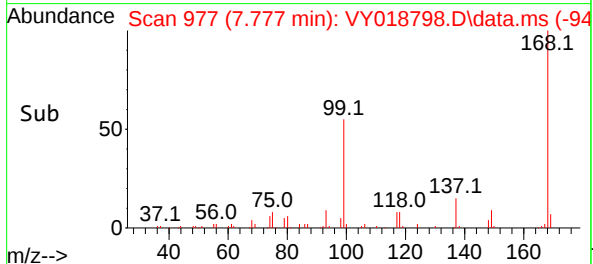
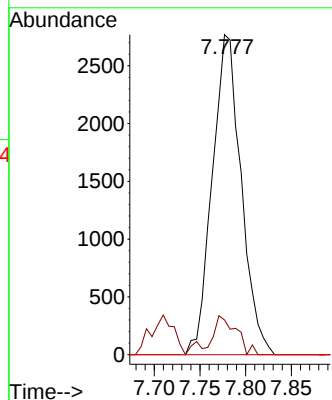
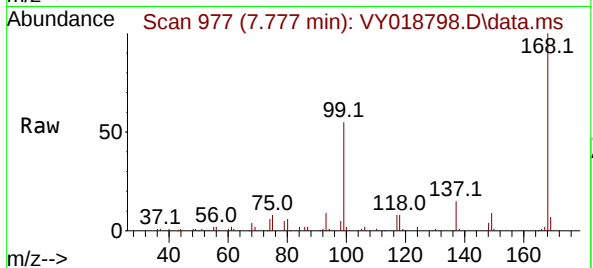




#36
1,1-Dichloropropene
Concen: 4.939 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018798.D
Acq: 12 Jul 2024 15:27

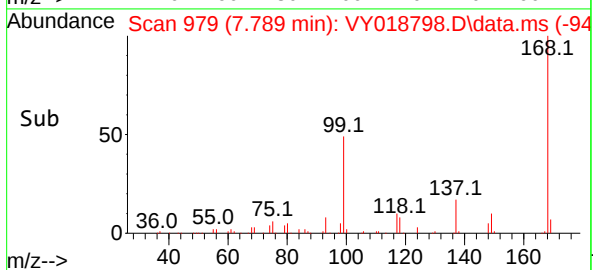
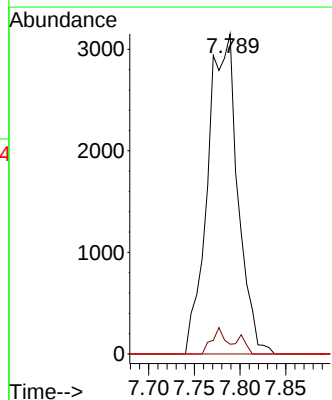
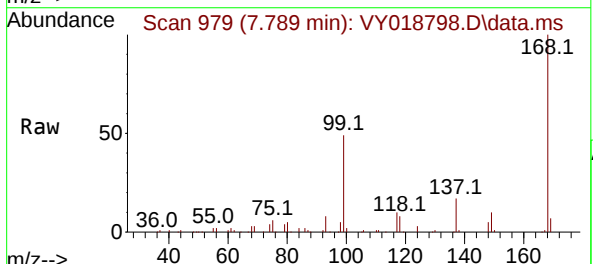
Instrument :
MSVOA_Y
ClientSampleId :

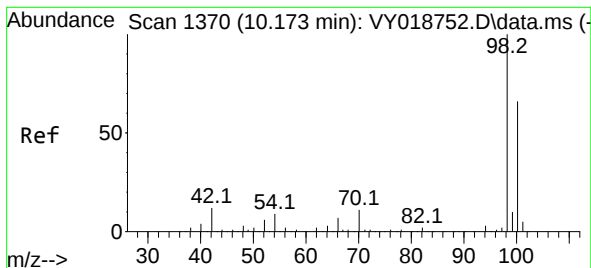
Tgt Ion: 75 Resp: 6087
Ion Ratio Lower Upper
75 100
110 9.5 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.860 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.098 min
Lab File: VY018798.D
Acq: 12 Jul 2024 15:27

Tgt Ion: 117 Resp: 7214
Ion Ratio Lower Upper
117 100
119 3.0 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.420 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018798.D

Acq: 12 Jul 2024 15:27

Instrument :

MSVOA_Y

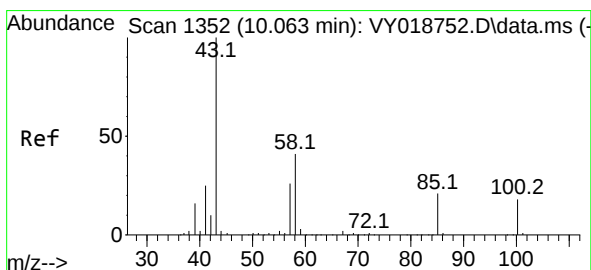
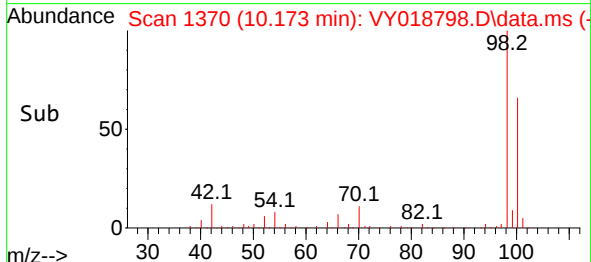
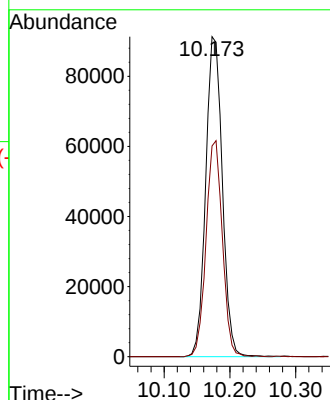
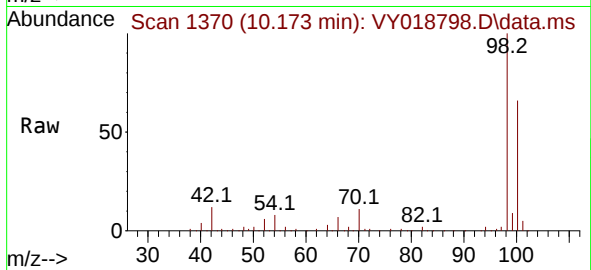
ClientSampleId :

Tgt Ion: 98 Resp: 160433

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.716 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.116 min

Lab File: VY018798.D

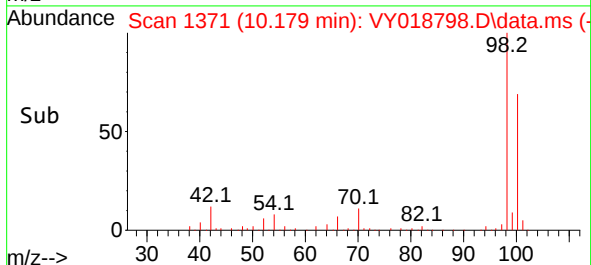
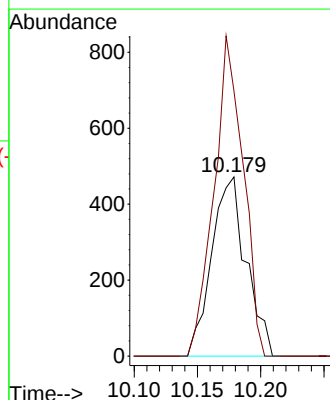
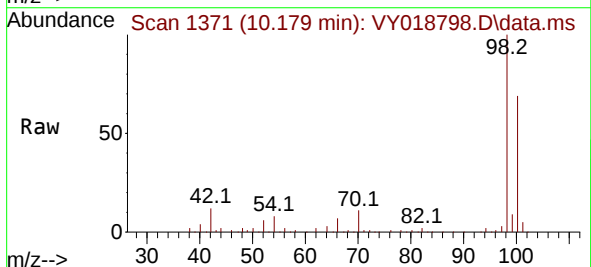
Acq: 12 Jul 2024 15:27

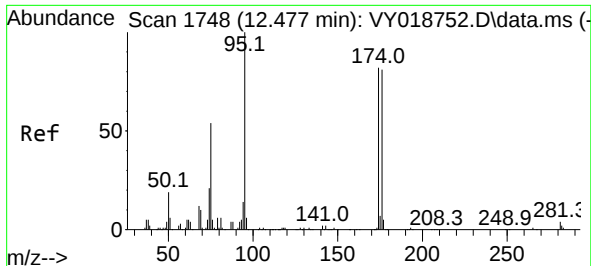
Tgt Ion: 43 Resp: 893

Ion Ratio Lower Upper

43 100

58 151.5 35.7 53.5#





#62

4-Bromofluorobenzene

Concen: 44.592 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018798.D

Acq: 12 Jul 2024 15:27

Instrument :

MSVOA_Y

ClientSampleId :

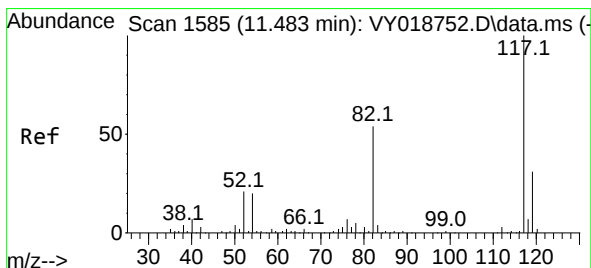
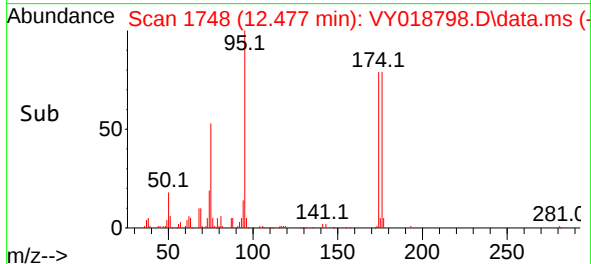
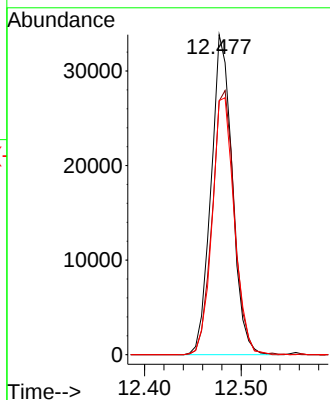
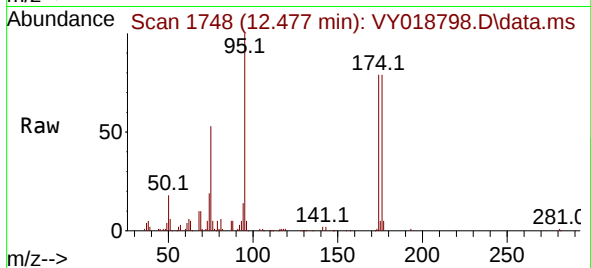
Tgt Ion: 95 Resp: 51522

Ion Ratio Lower Upper

95 100

174 86.4 0.0 175.6

176 83.8 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.006 min

Lab File: VY018798.D

Acq: 12 Jul 2024 15:27

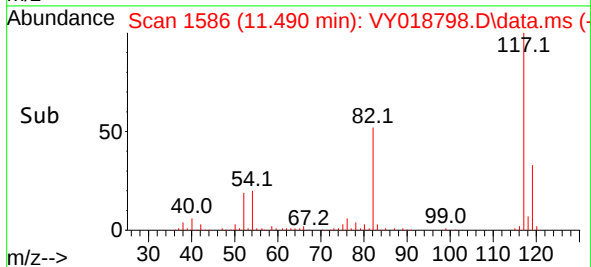
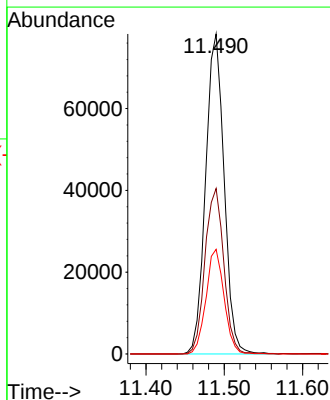
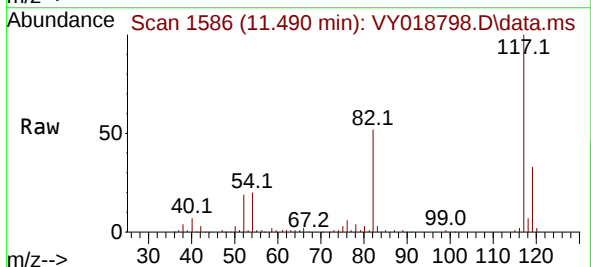
Tgt Ion: 117 Resp: 128133

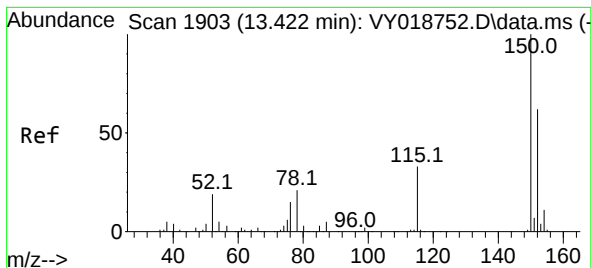
Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

119 32.7 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: VY018798.D

Acq: 12 Jul 2024 15:27

Instrument :

MSVOA_Y

ClientSampleId :

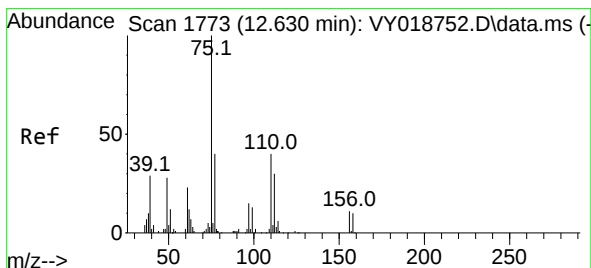
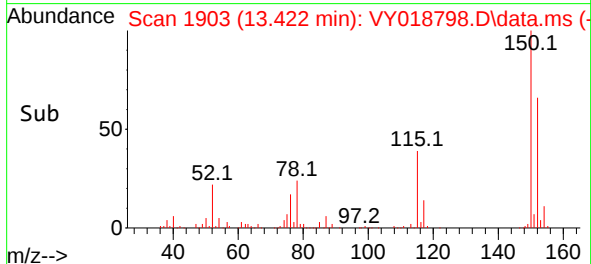
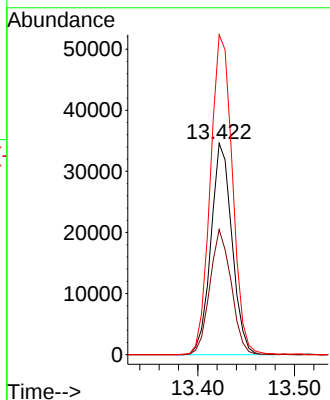
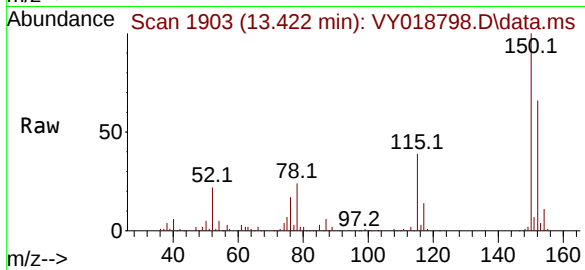
Tgt Ion:152 Resp: 52414

Ion Ratio Lower Upper

152 100

115 59.9 28.2 84.7

150 158.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 68.182 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018798.D

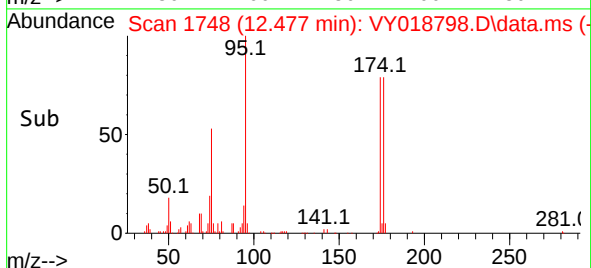
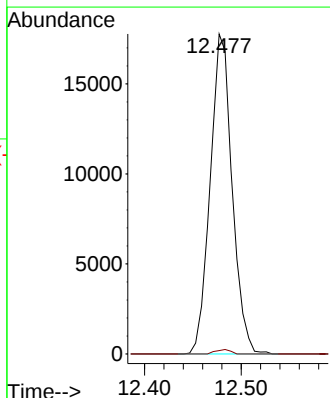
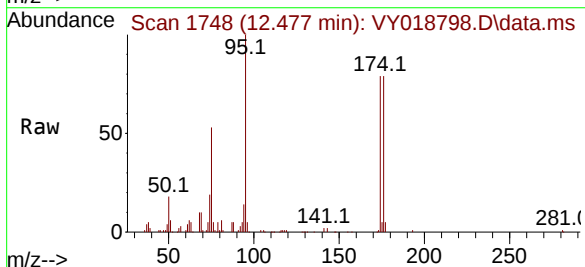
Acq: 12 Jul 2024 15:27

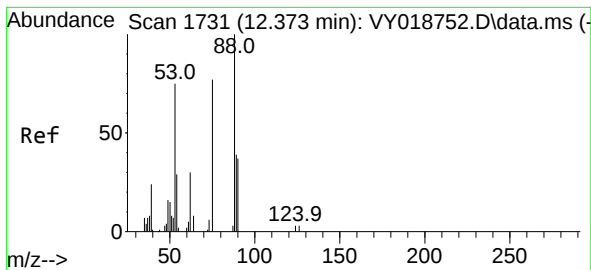
Tgt Ion: 75 Resp: 27990

Ion Ratio Lower Upper

75 100

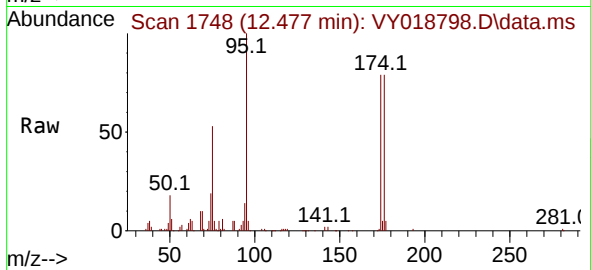
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.596 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018798.D
 Acq: 12 Jul 2024 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 27990
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

