

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018768.D
 Acq On : 10 Jul 2024 15:46
 Operator : SY/MD
 Sample : P3187-03
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 02:25:04 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)

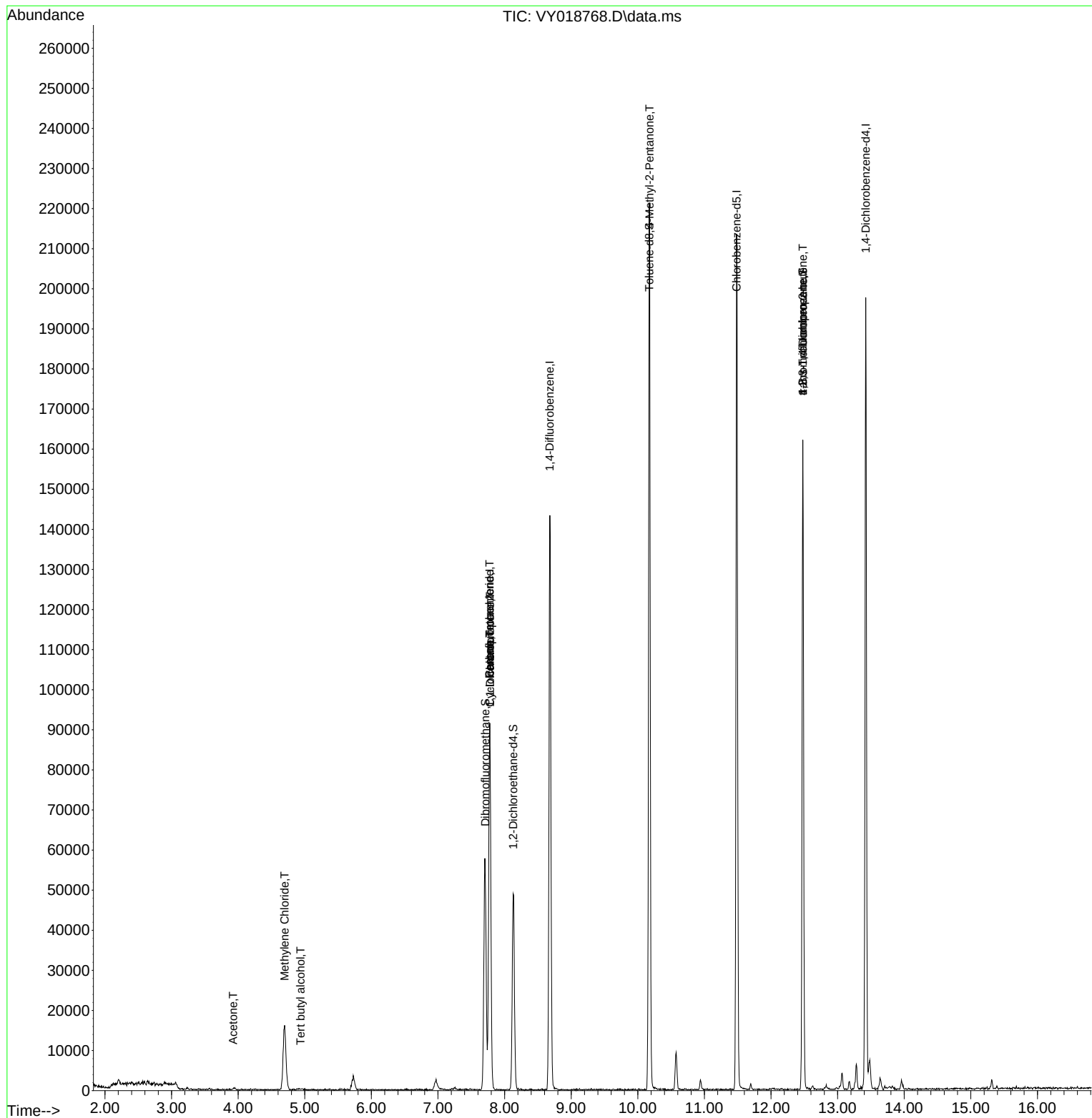
Internal Standards						
1) Pentafluorobenzene	7.777	168	72040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	125371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	116531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	39115	55.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.360%	
35) Dibromofluoromethane	7.710	113	40276	51.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.580%	
50) Toluene-d8	10.173	98	141452	47.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.100%	
62) 4-Bromofluorobenzene	12.477	95	46938	46.202	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	309	4.303	ug/l #	88
16) Acetone	3.924	43	670	5.127	ug/l #	73
20) Methylene Chloride	4.698	84	11877	12.304	ug/l #	88
31) Cyclohexane	7.783	56	1388	1.274	ug/l #	63
36) 1,1-Dichloropropene	7.783	75	5412	4.994	ug/l #	48
38) Carbon Tetrachloride	7.777	117	6787	5.200	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	519	1.134	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	25846	67.710	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25846	151.538	ug/l #	16

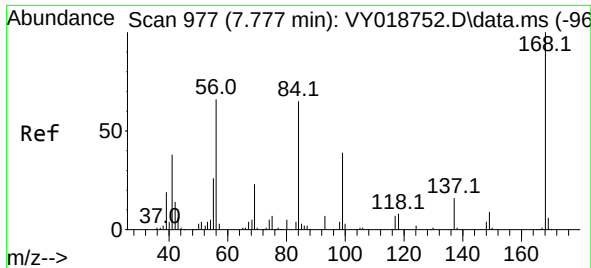
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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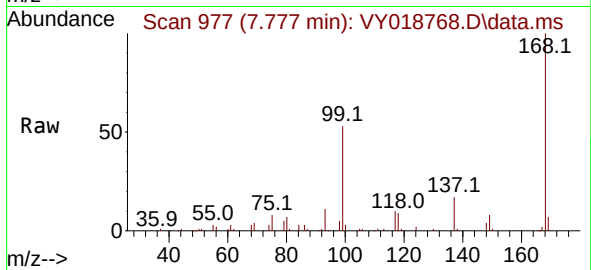
Quant Time: Jul 11 02:25:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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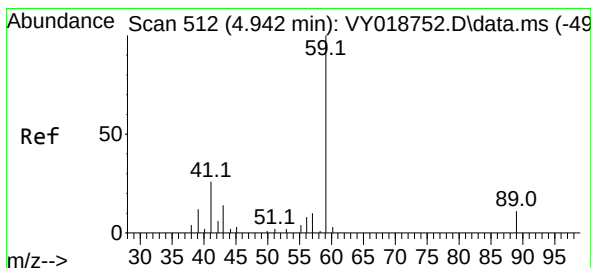
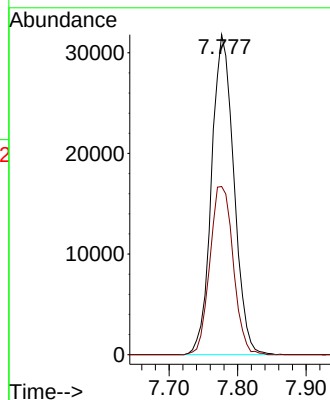
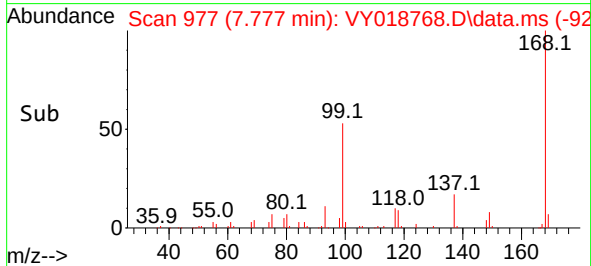


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018768.D
Acq: 10 Jul 2024 15:46

Instrument :
MSVOA_Y
ClientSampleId :

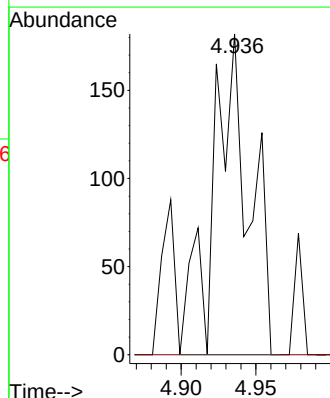
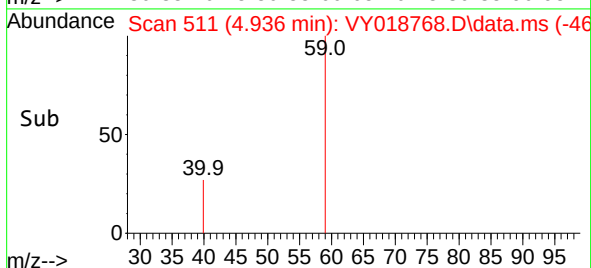
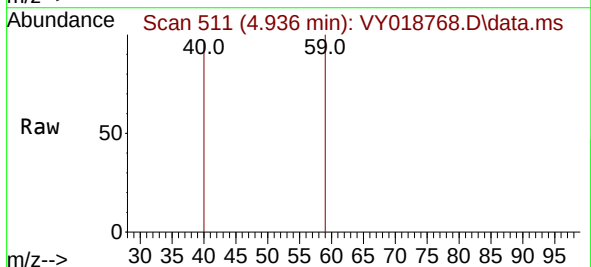


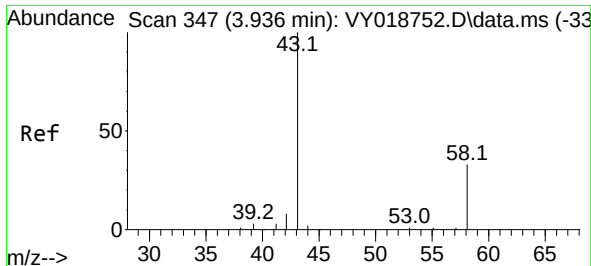
Tgt Ion:168 Resp: 72040
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#11
Tert butyl alcohol
Concen: 4.303 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018768.D
Acq: 10 Jul 2024 15:46

Tgt Ion: 59 Resp: 309
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 5.127 ug/l

RT: 3.924 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY018768.D

Acq: 10 Jul 2024 15:46

Instrument :

MSVOA_Y

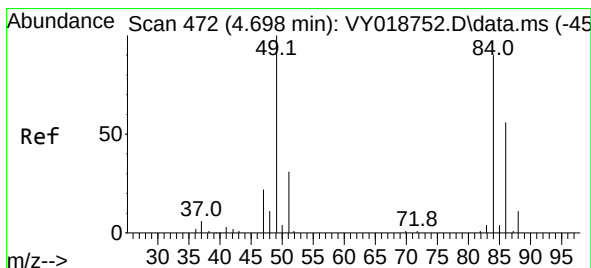
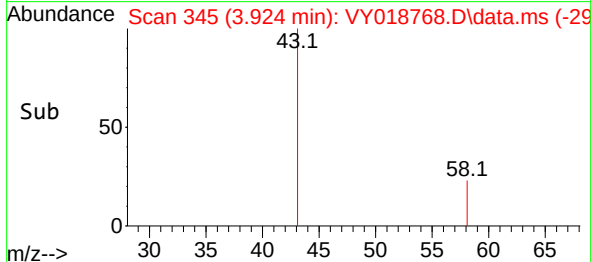
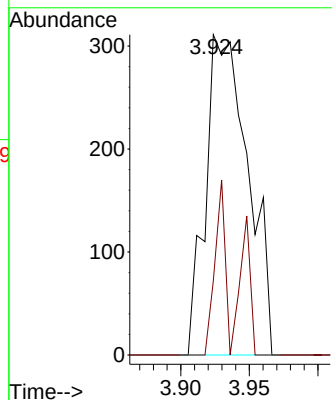
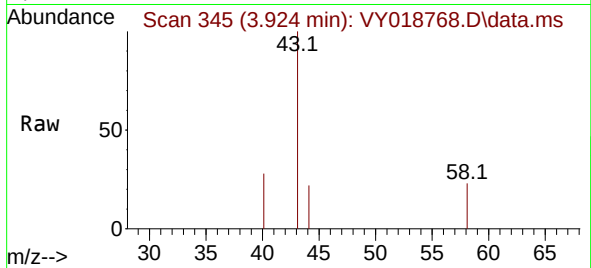
ClientSampleId :

Tgt Ion: 43 Resp: 670

Ion Ratio Lower Upper

43 100

58 23.2 31.7 47.5#



#20

Methylene Chloride

Concen: 12.304 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY018768.D

Acq: 10 Jul 2024 15:46

Tgt Ion: 84 Resp: 11877

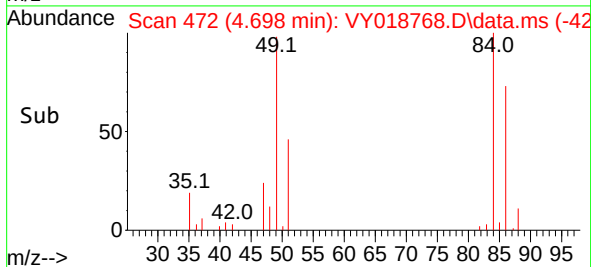
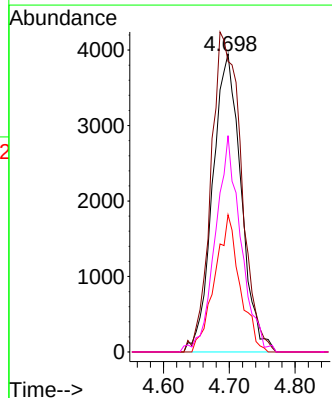
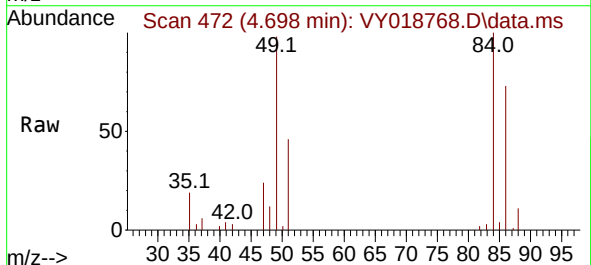
Ion Ratio Lower Upper

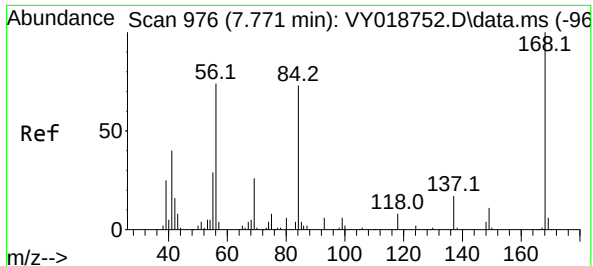
84 100

49 97.6 84.4 126.6

51 46.0 26.0 39.0#

86 72.6 49.5 74.3

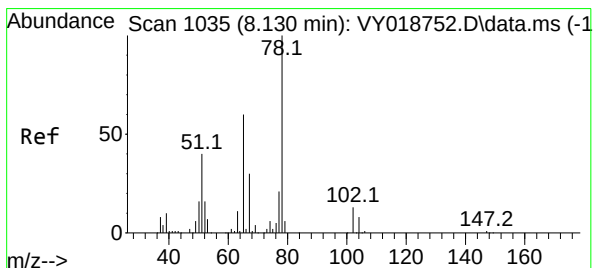
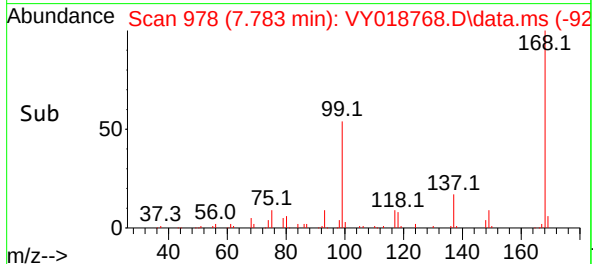
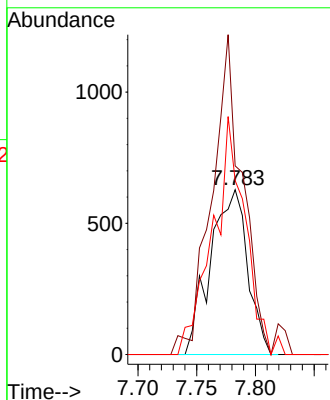
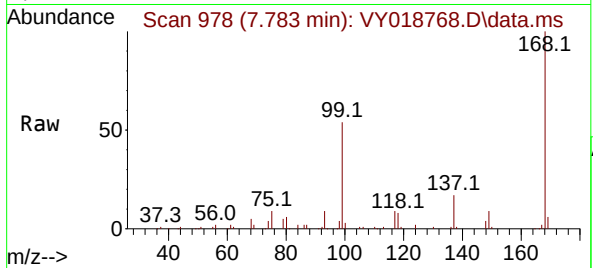




#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018768.D
Acq: 10 Jul 2024 15:46

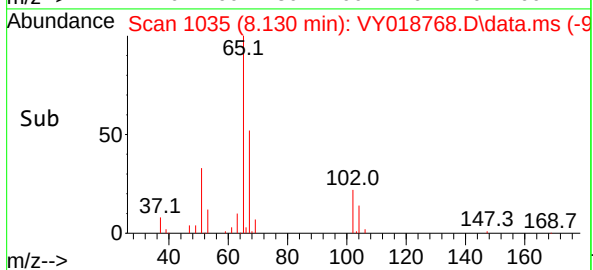
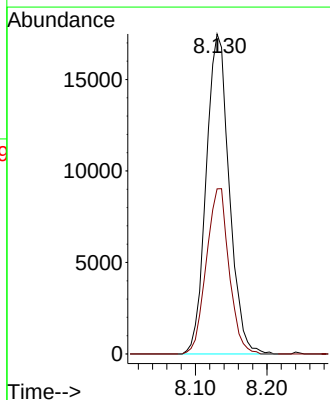
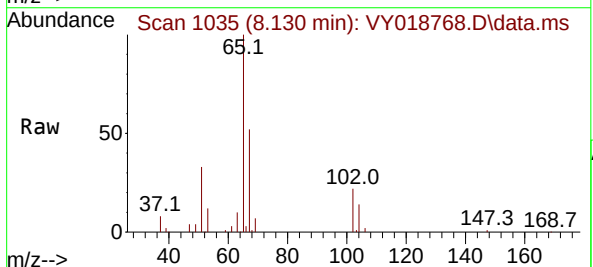
Instrument :
MSVOA_Y
ClientSampleId :

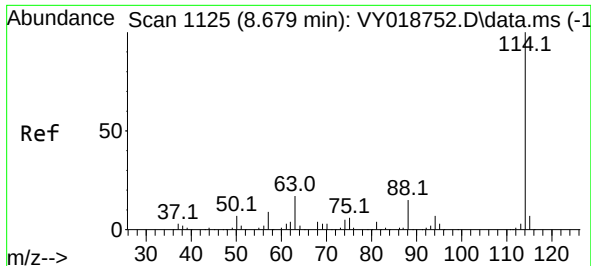
Tgt Ion: 56 Resp: 1388
Ion Ratio Lower Upper
56 100
69 103.0 28.7 43.1#
84 105.6 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.178 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018768.D
Acq: 10 Jul 2024 15:46

Tgt Ion: 65 Resp: 39115
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: VY018768.D

Acq: 10 Jul 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

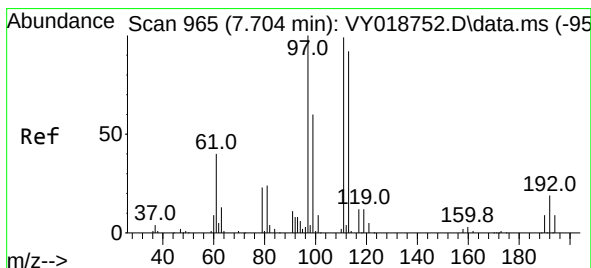
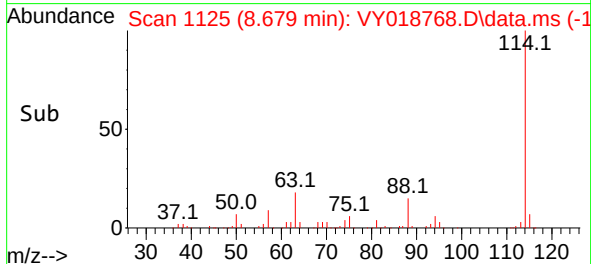
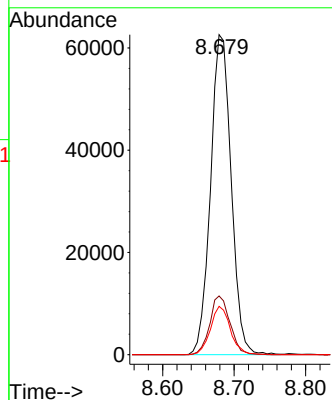
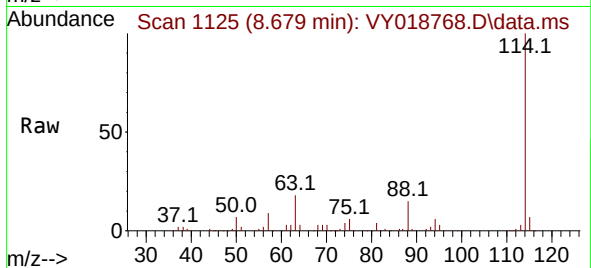
Tgt Ion:114 Resp: 125371

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.292 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018768.D

Acq: 10 Jul 2024 15:46

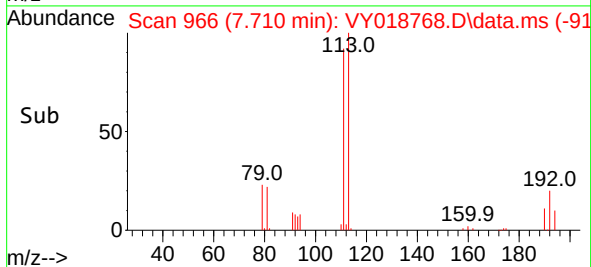
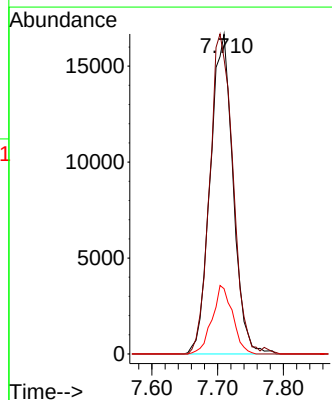
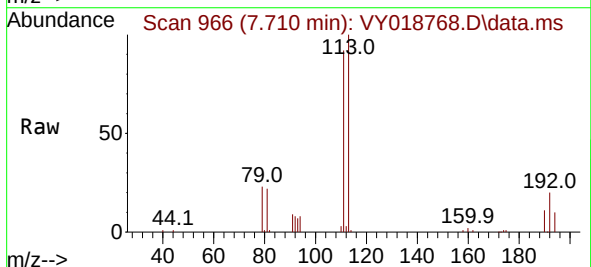
Tgt Ion:113 Resp: 40276

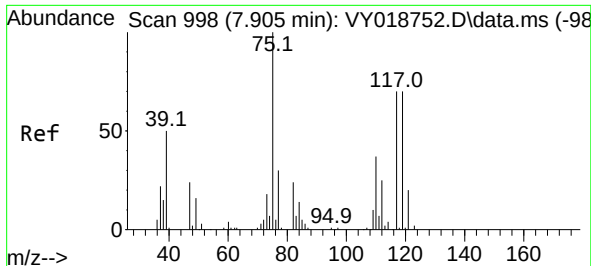
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 19.2 15.9 23.9

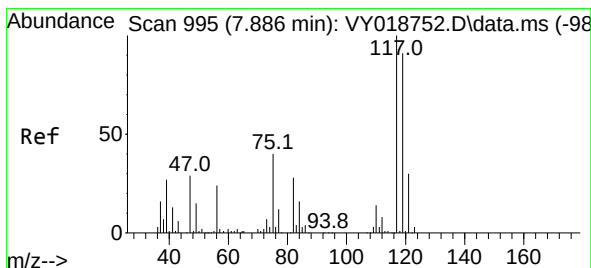
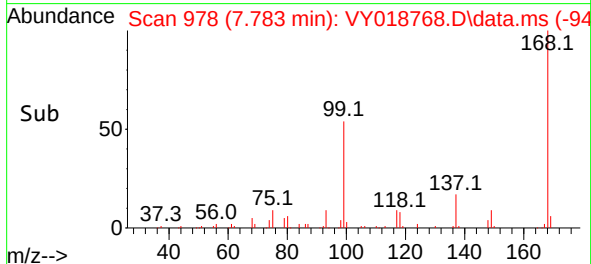
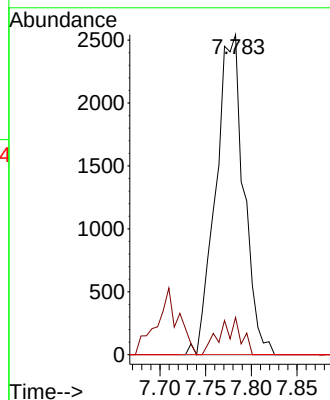
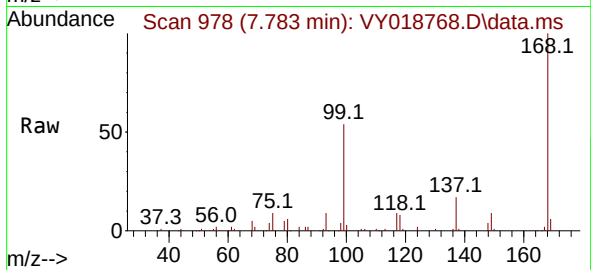




#36
1,1-Dichloropropene
Concen: 4.994 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018768.D
Acq: 10 Jul 2024 15:46

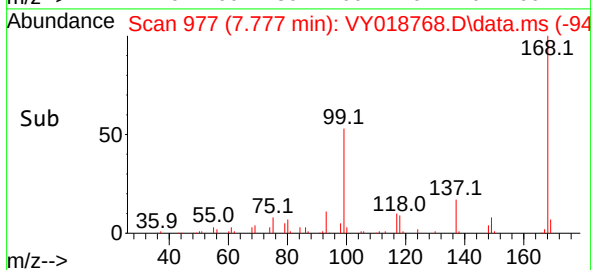
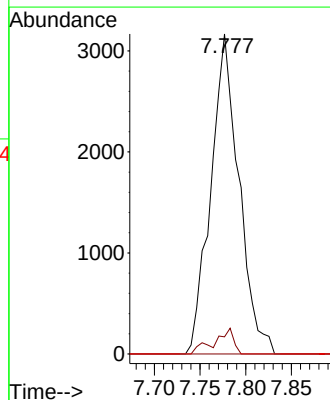
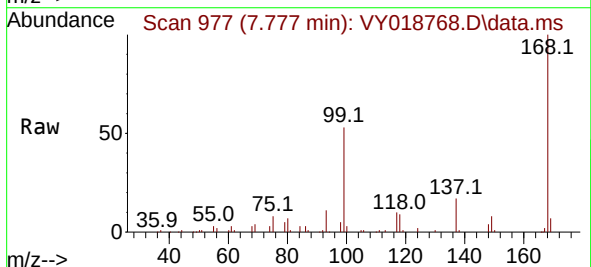
Instrument :
MSVOA_Y
ClientSampleId :

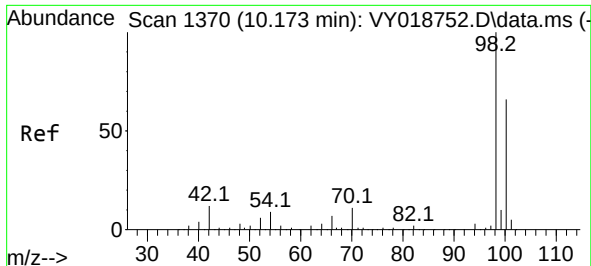
Tgt Ion: 75 Resp: 5412
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.200 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.110 min
Lab File: VY018768.D
Acq: 10 Jul 2024 15:46

Tgt Ion: 117 Resp: 6787
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#

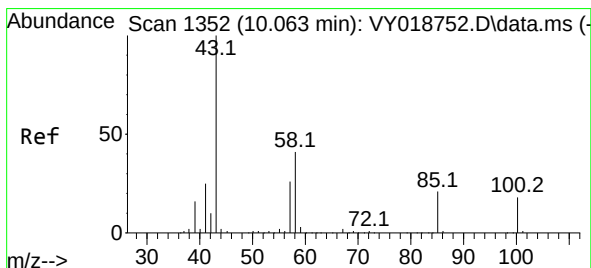
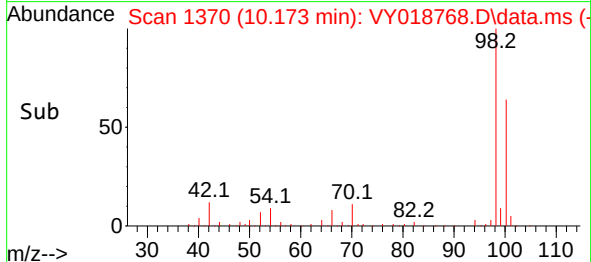
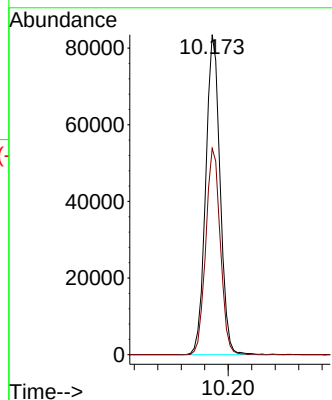
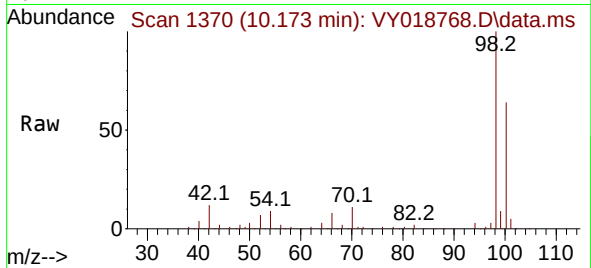




#50
Toluene-d8
Concen: 47.549 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018768.D
Acq: 10 Jul 2024 15:46

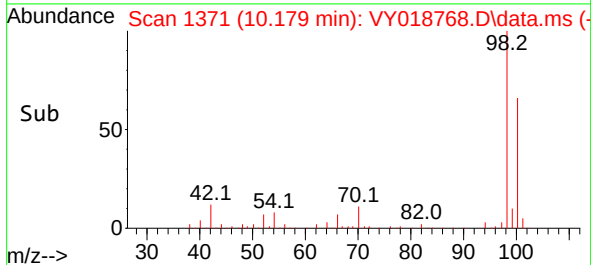
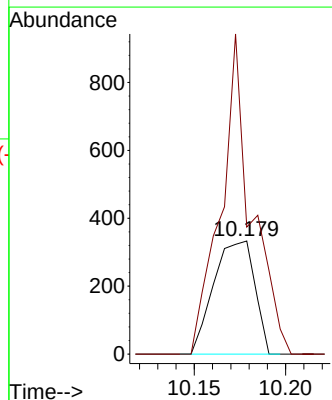
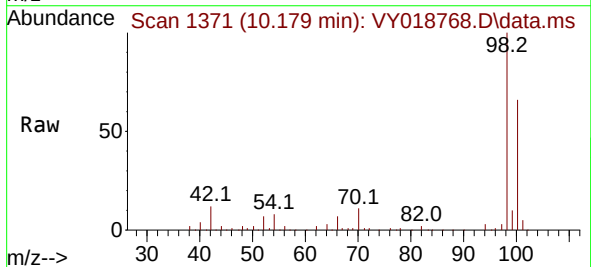
Instrument :
MSVOA_Y
ClientSampleId :

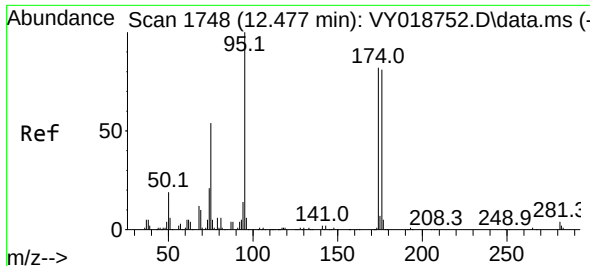
Tgt Ion: 98 Resp: 141452
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.134 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.116 min
Lab File: VY018768.D
Acq: 10 Jul 2024 15:46

Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
58 212.1 35.7 53.5#

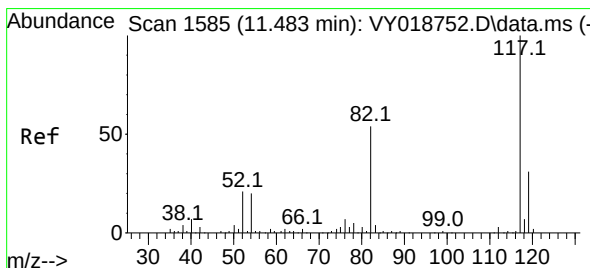
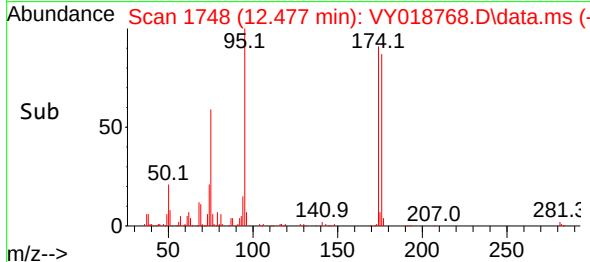
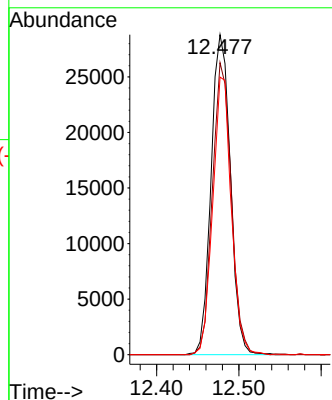
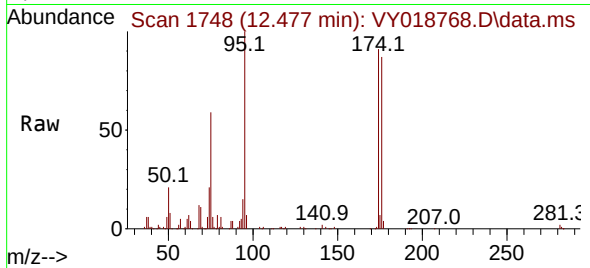




#62
4-Bromofluorobenzene
Concen: 46.202 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018768.D
Acq: 10 Jul 2024 15:46

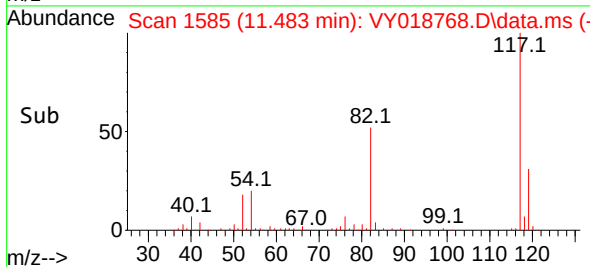
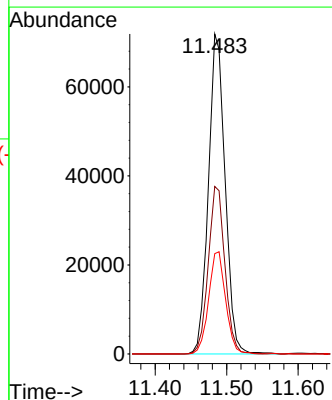
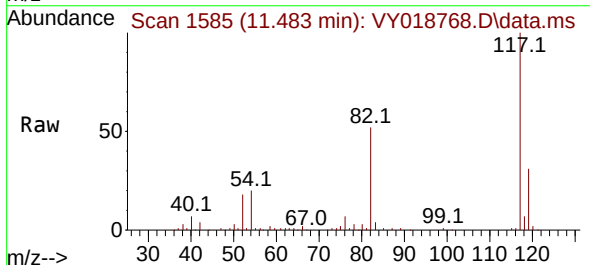
Instrument :
MSVOA_Y
ClientSampleId :

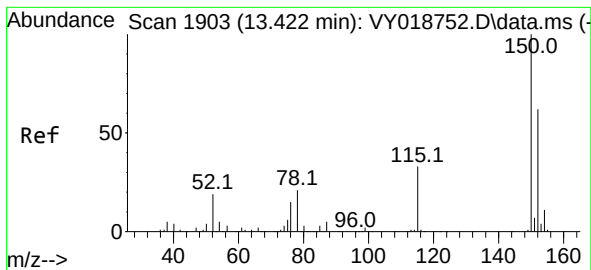
Tgt Ion:	95	Resp:	46938
Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	175.6
176	83.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018768.D
Acq: 10 Jul 2024 15:46

Tgt Ion:	117	Resp:	116531
Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.4	63.6
119	31.3	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: VY018768.D

Acq: 10 Jul 2024 15:46

Instrument :

MSVOA_Y

ClientSampleId :

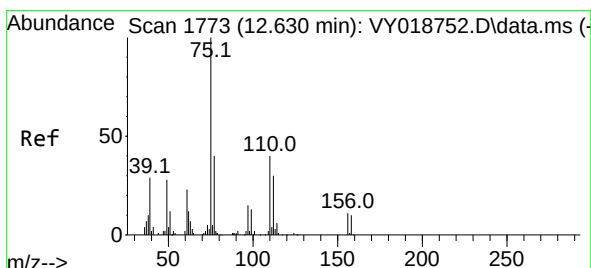
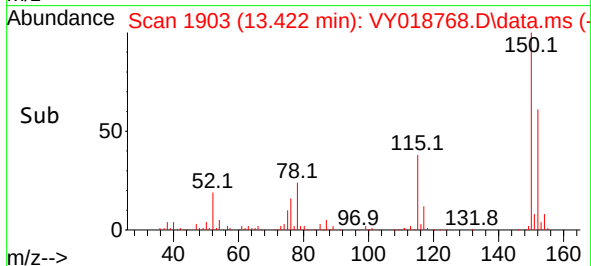
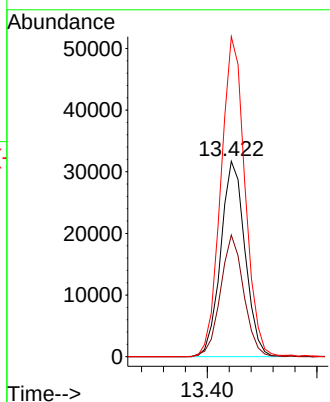
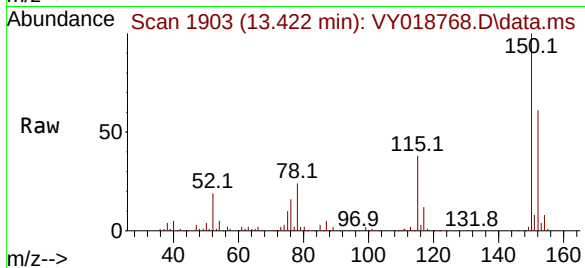
Tgt Ion:152 Resp: 48737

Ion Ratio Lower Upper

152 100

115 59.6 28.2 84.7

150 163.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 67.710 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018768.D

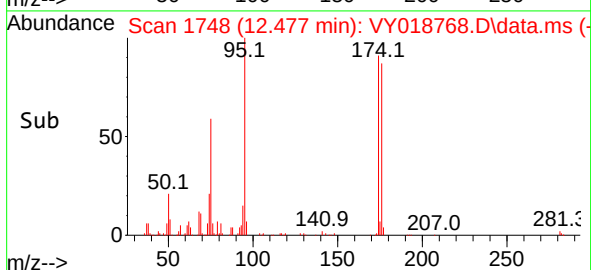
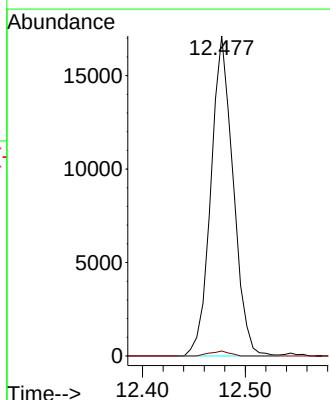
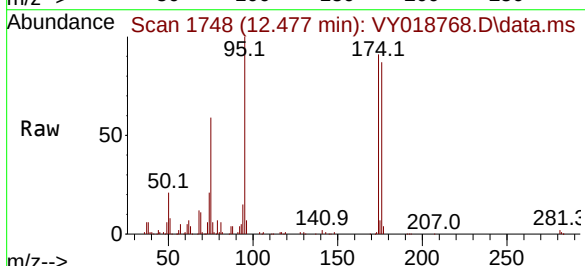
Acq: 10 Jul 2024 15:46

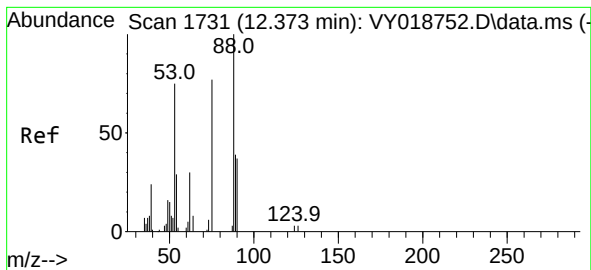
Tgt Ion: 75 Resp: 25846

Ion Ratio Lower Upper

75 100

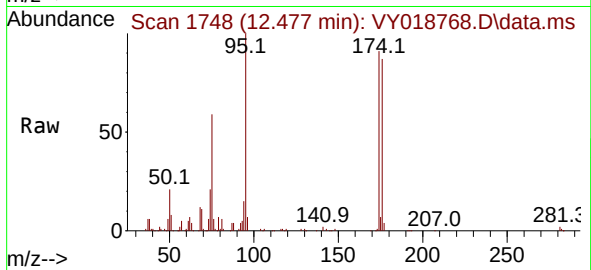
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.538 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018768.D
 Acq: 10 Jul 2024 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 25846
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

