

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018762.D
 Acq On : 10 Jul 2024 12:41
 Operator : SY/MD
 Sample : P3183-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 02:22:36 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)

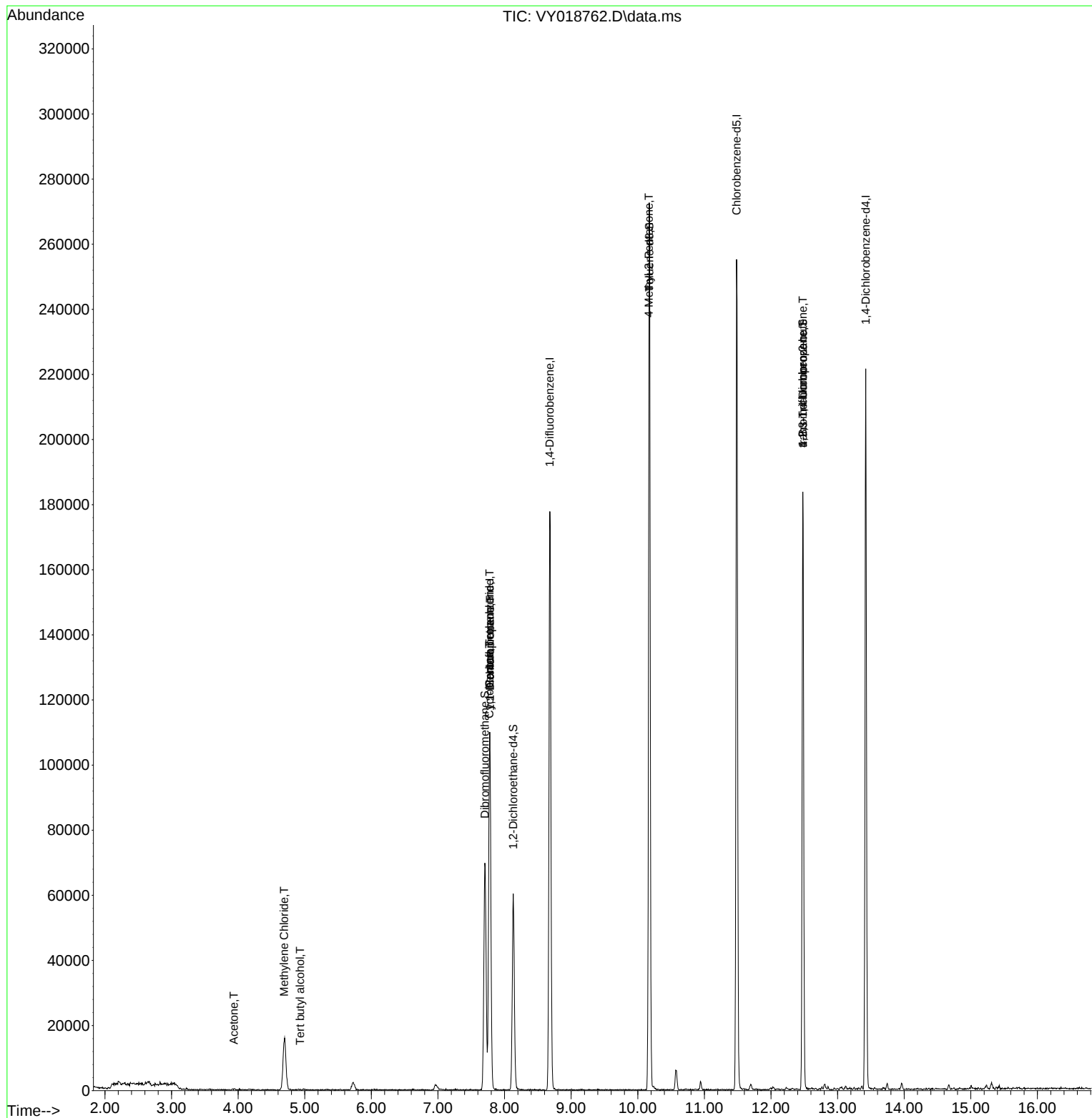
Internal Standards						
1) Pentafluorobenzene	7.777	168	87570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	156662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	141070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44339	51.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.900%
35) Dibromofluoromethane	7.704	113	47668	48.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.173	98	173680	46.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.440%
62) 4-Bromofluorobenzene	12.477	95	56072	44.168	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	111	1.272	ug/l #	88
16) Acetone	3.936	43	356	2.241	ug/l	94
20) Methylene Chloride	4.692	84	12396	9.785	ug/l #	94
31) Cyclohexane	7.771	56	1930	1.458	ug/l #	50
36) 1,1-Dichloropropene	7.783	75	6666	4.923	ug/l #	48
38) Carbon Tetrachloride	7.777	117	8488	5.204	ug/l #	16
51) 4-Methyl-2-Pentanone	10.167	43	885	1.548	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	30541	71.922	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	30541	160.967	ug/l #	16

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

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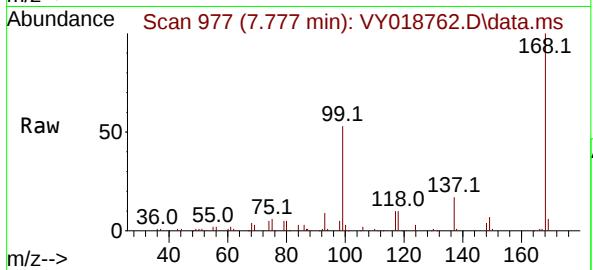
Quant Time: Jul 11 02:22:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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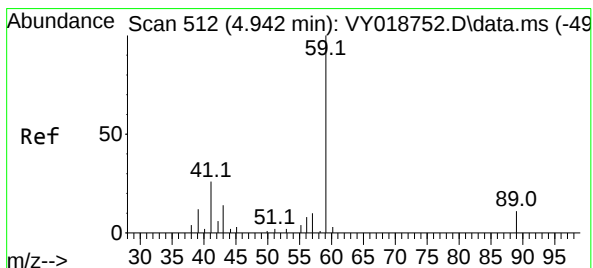
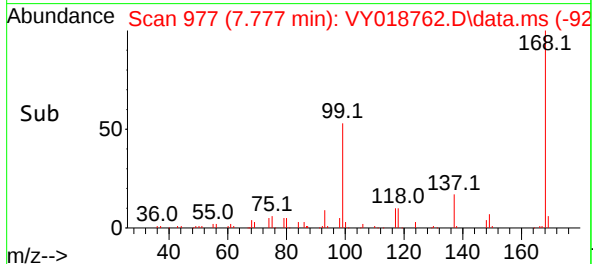
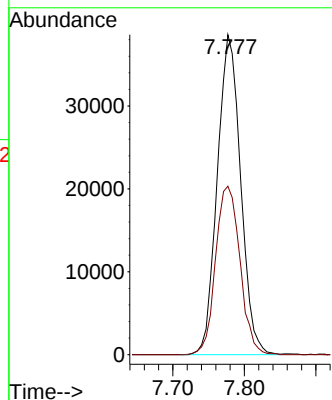


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018762.D
Acq: 10 Jul 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :

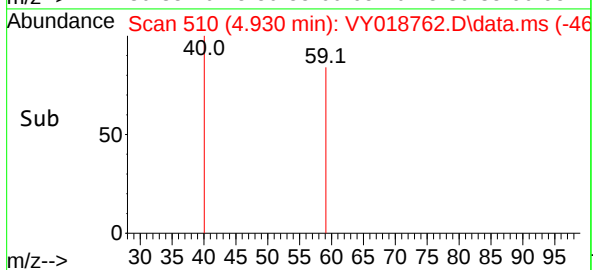
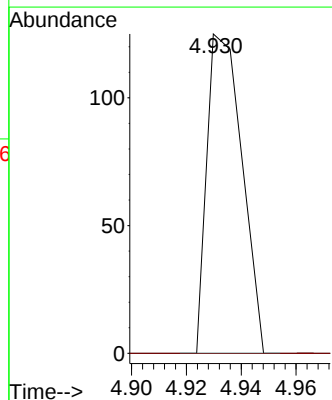
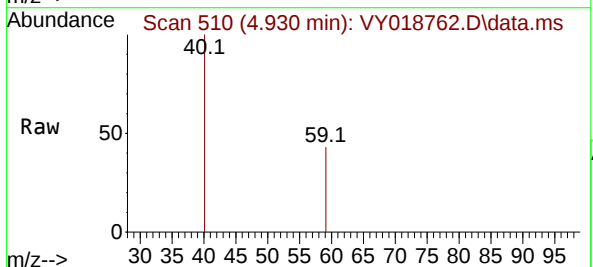


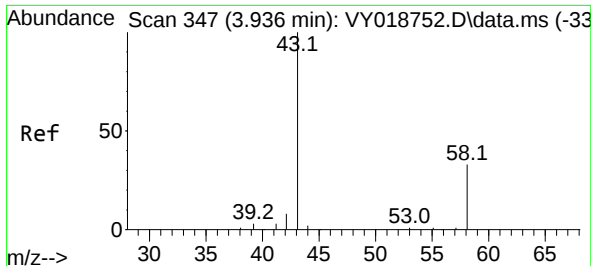
Tgt Ion:168 Resp: 87570
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.272 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY018762.D
Acq: 10 Jul 2024 12:41

Tgt Ion: 59 Resp: 111
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.241 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY018762.D

Acq: 10 Jul 2024 12:41

Instrument :

MSVOA_Y

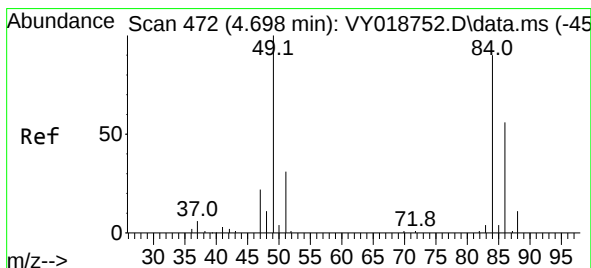
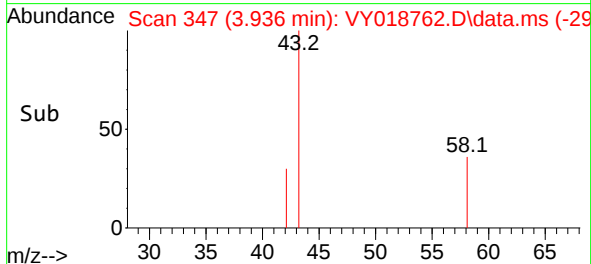
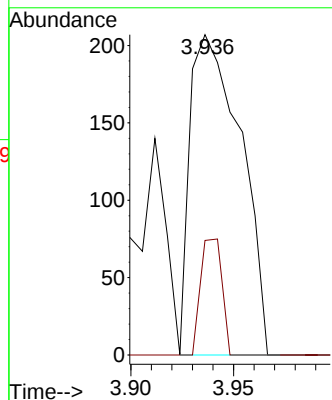
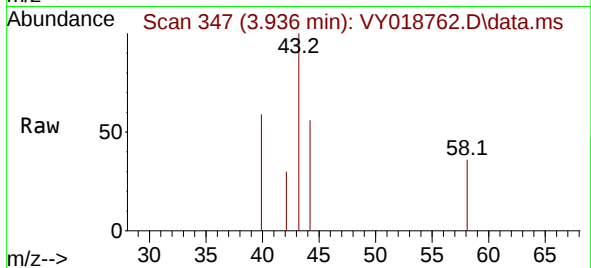
ClientSampleId :

Tgt Ion: 43 Resp: 356

Ion Ratio Lower Upper

43 100

58 35.7 31.7 47.5



#20

Methylene Chloride

Concen: 9.785 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.006 min

Lab File: VY018762.D

Acq: 10 Jul 2024 12:41

Tgt Ion: 84 Resp: 12396

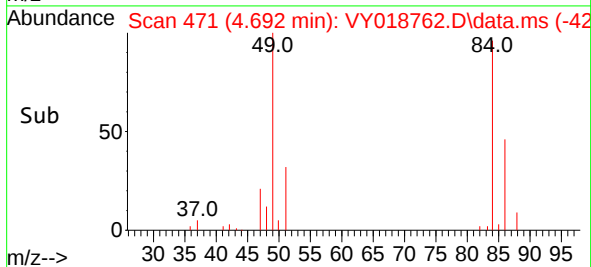
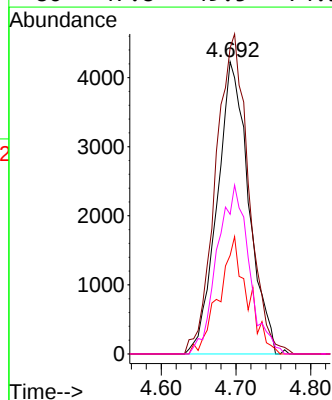
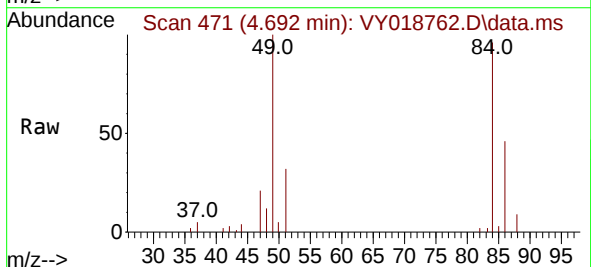
Ion Ratio Lower Upper

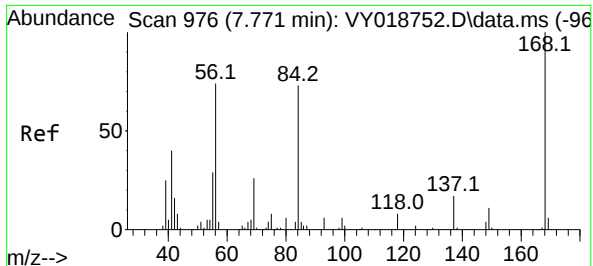
84 100

49 104.7 84.4 126.6

51 33.7 26.0 39.0

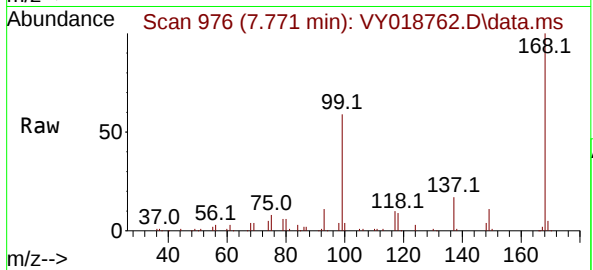
86 47.8 49.5 74.3#



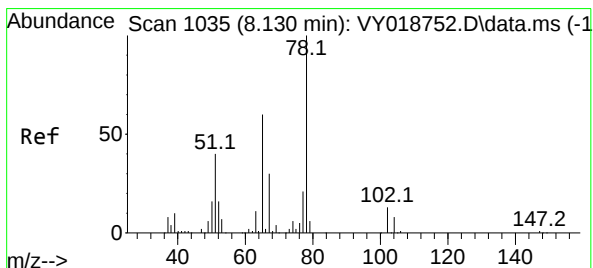
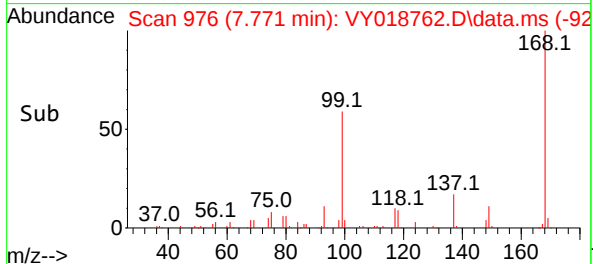
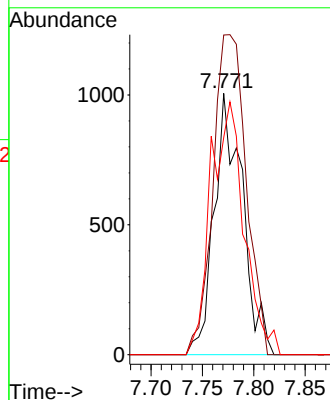


#31
Cyclohexane
Concen: 1.458 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018762.D
Acq: 10 Jul 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :

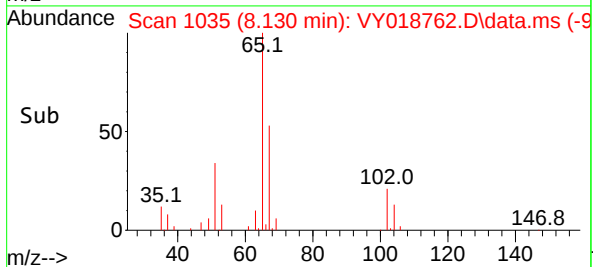
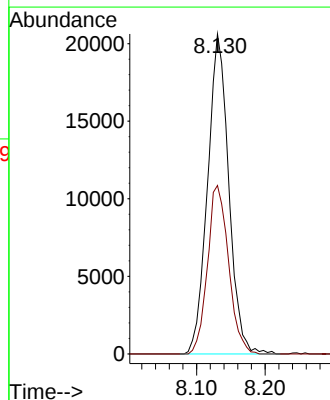
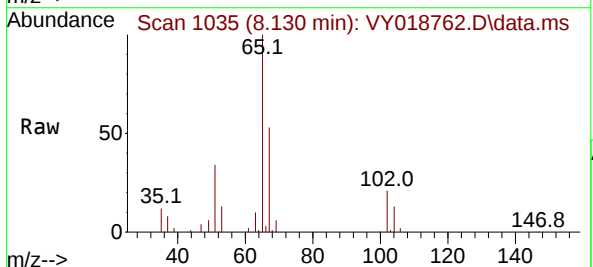


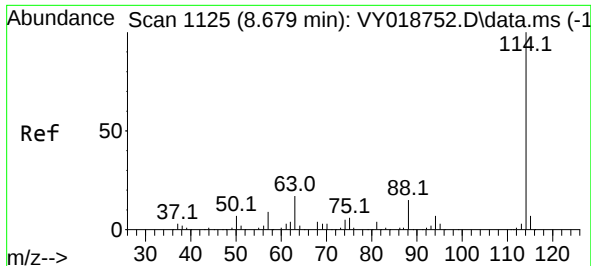
Tgt Ion: 56 Resp: 1930
Ion Ratio Lower Upper
56 100
69 122.4 28.7 43.1#
84 83.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 51.455 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018762.D
Acq: 10 Jul 2024 12:41

Tgt Ion: 65 Resp: 44339
Ion Ratio Lower Upper
65 100
67 52.3 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: VY018762.D

Acq: 10 Jul 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

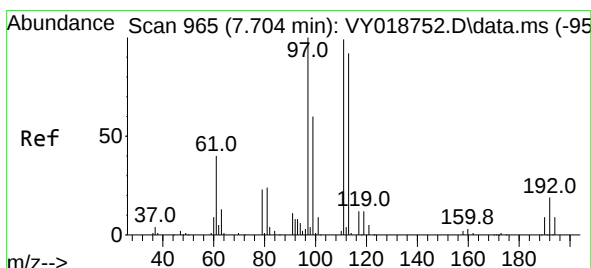
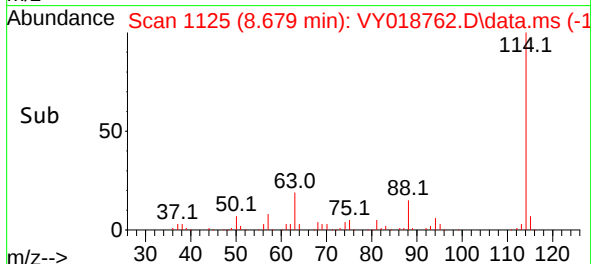
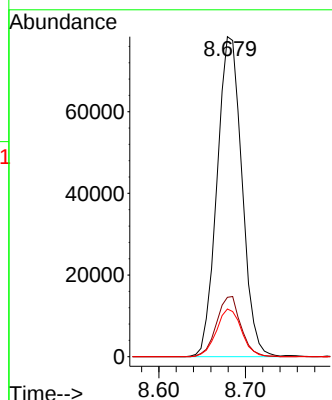
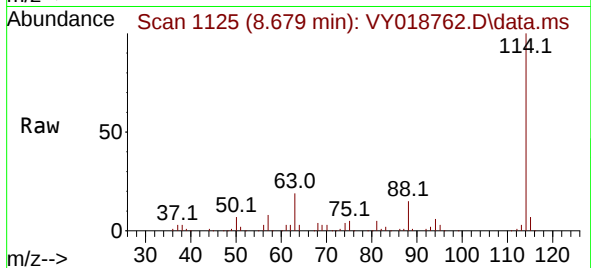
Tgt Ion:114 Resp: 156662

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.581 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018762.D

Acq: 10 Jul 2024 12:41

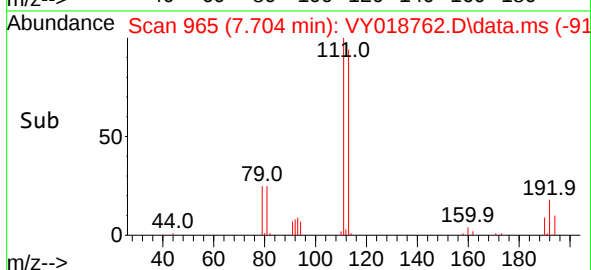
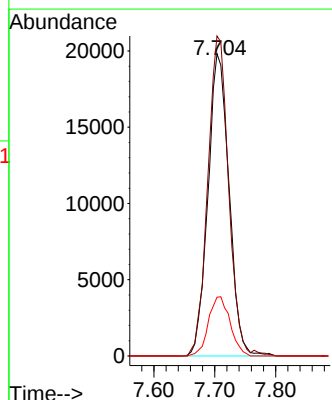
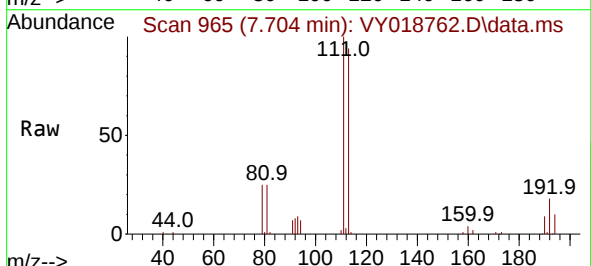
Tgt Ion:113 Resp: 47668

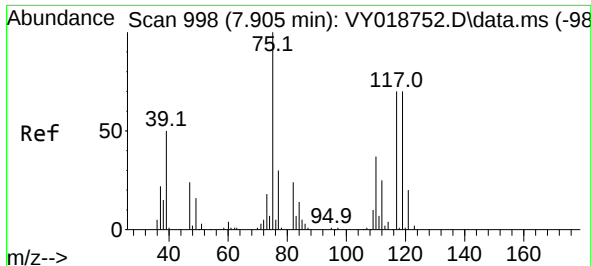
Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 20.1 15.9 23.9

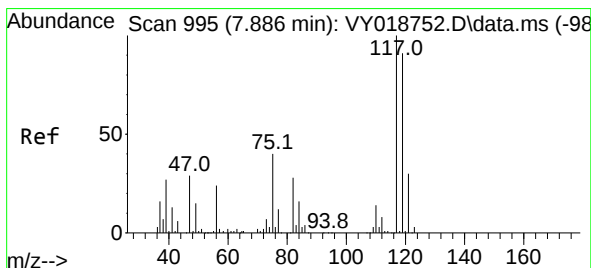
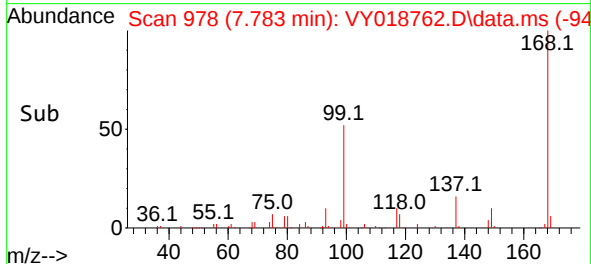
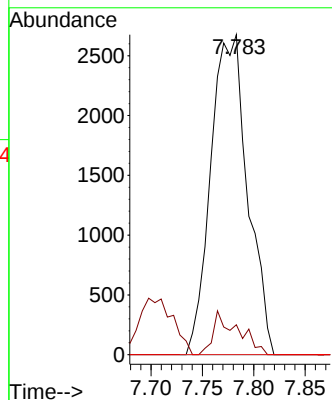
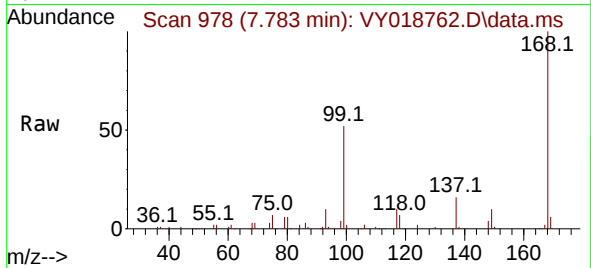




#36
 1,1-Dichloropropene
 Concen: 4.923 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY018762.D
 Acq: 10 Jul 2024 12:41

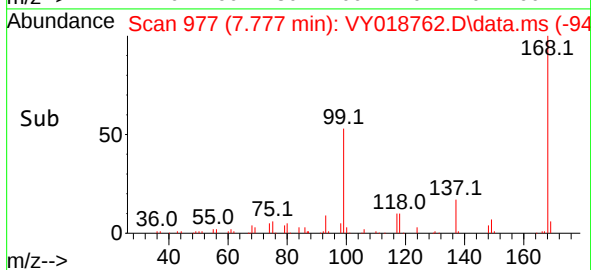
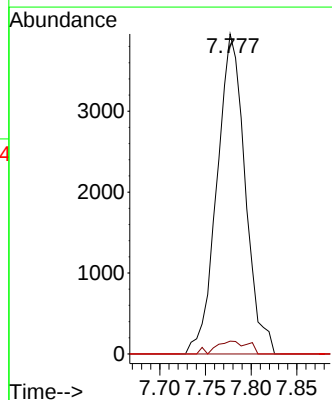
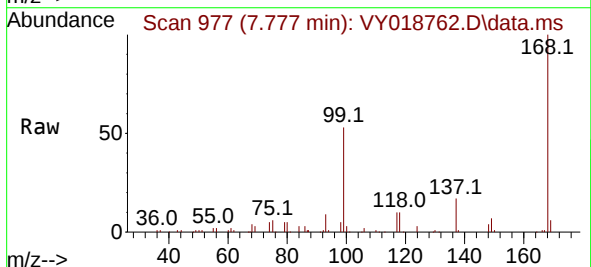
Instrument :
 MSVOA_Y
 ClientSampleId :

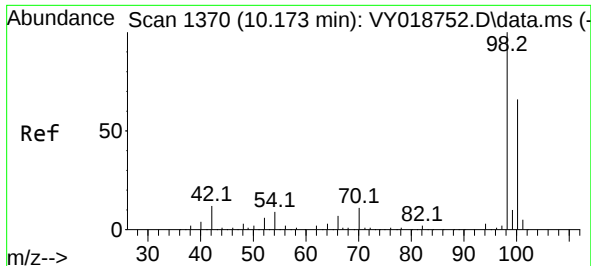
Tgt Ion: 75 Resp: 6666
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.204 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.110 min
 Lab File: VY018762.D
 Acq: 10 Jul 2024 12:41

Tgt Ion: 117 Resp: 8488
 Ion Ratio Lower Upper
 117 100
 119 4.0 75.8 113.6#
 121 0.0 24.0 36.0#

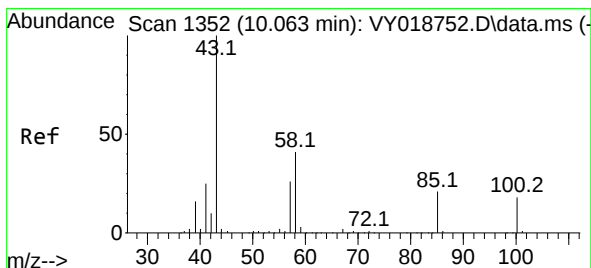
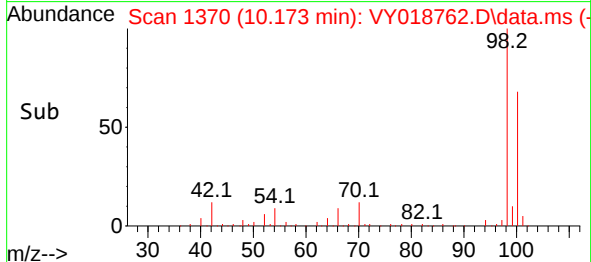
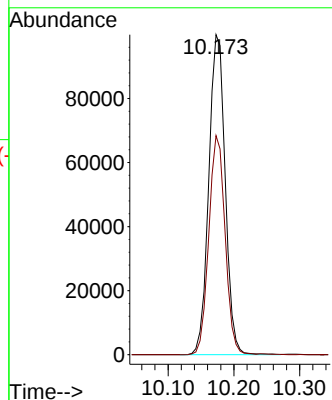
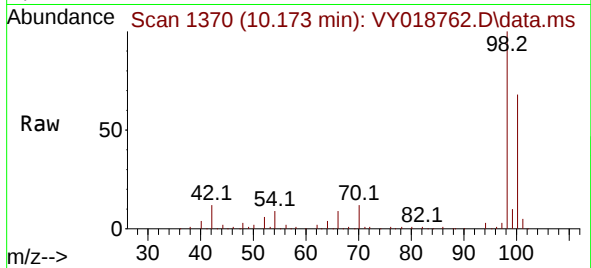




#50
Toluene-d8
Concen: 46.721 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018762.D
Acq: 10 Jul 2024 12:41

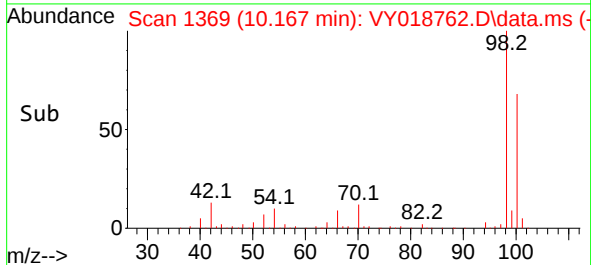
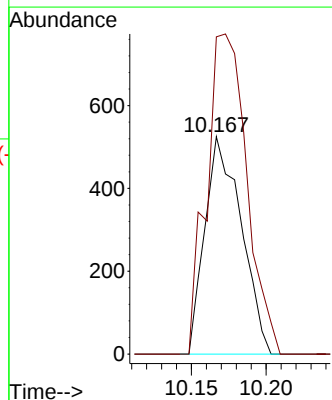
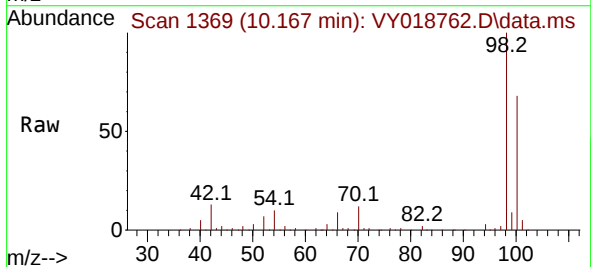
Instrument :
MSVOA_Y
ClientSampleId :

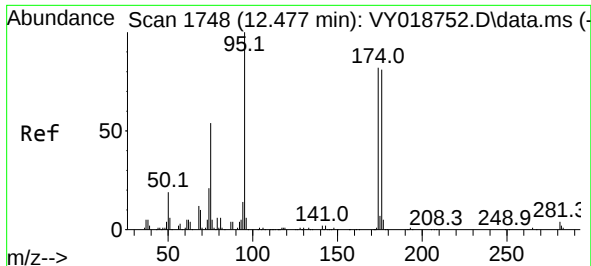
Tgt Ion: 98 Resp: 173680
Ion Ratio Lower Upper
98 100
100 67.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.548 ug/l
RT: 10.167 min Scan# 1369
Delta R.T. 0.104 min
Lab File: VY018762.D
Acq: 10 Jul 2024 12:41

Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 162.9 35.7 53.5#

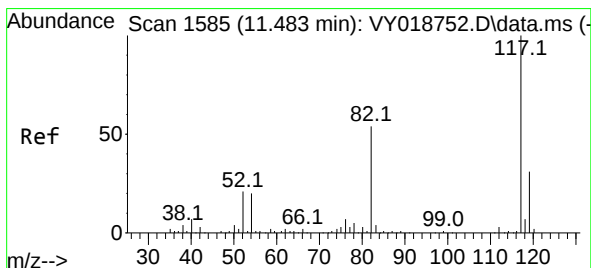
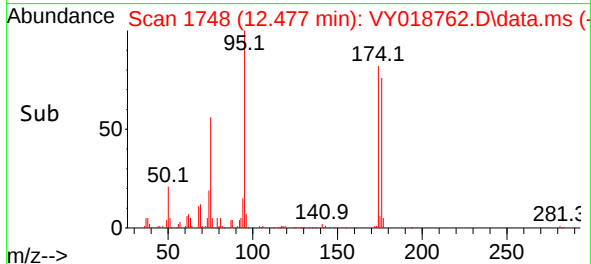
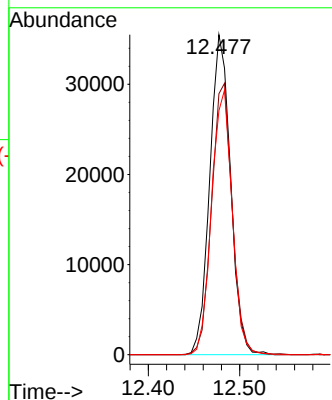
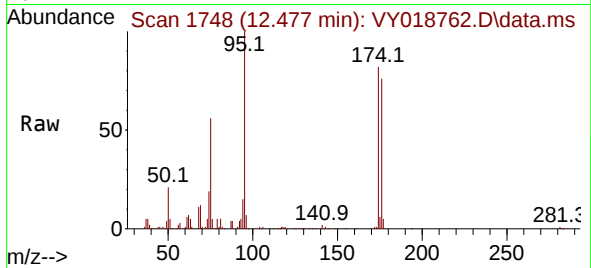




#62
4-Bromofluorobenzene
Concen: 44.168 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018762.D
Acq: 10 Jul 2024 12:41

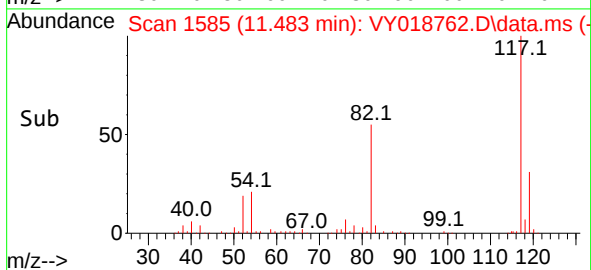
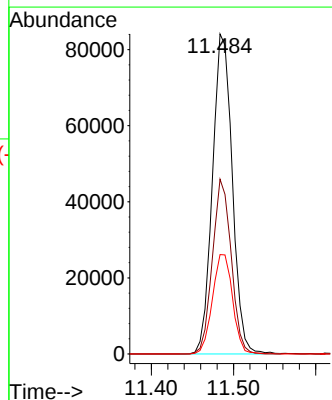
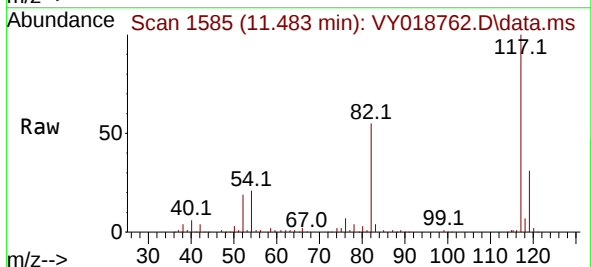
Instrument :
MSVOA_Y
ClientSampleId :

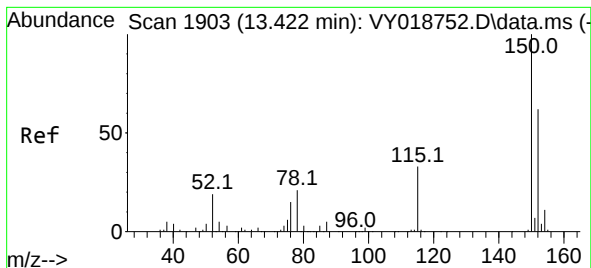
Tgt Ion: 95 Resp: 56072
Ion Ratio Lower Upper
95 100
174 84.0 0.0 175.6
176 82.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018762.D
Acq: 10 Jul 2024 12:41

Tgt Ion: 117 Resp: 141070
Ion Ratio Lower Upper
117 100
82 54.6 42.4 63.6
119 31.1 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: VY018762.D

Acq: 10 Jul 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :

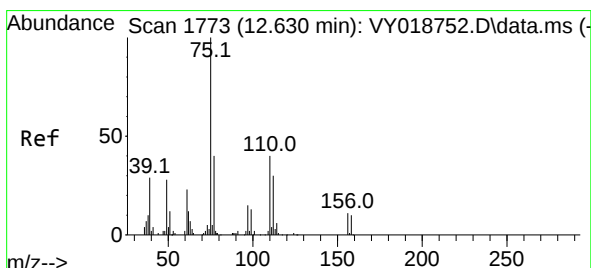
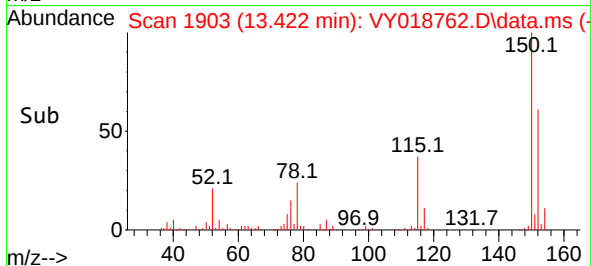
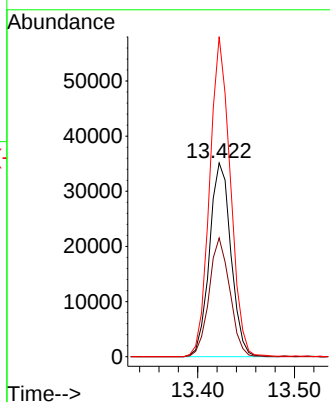
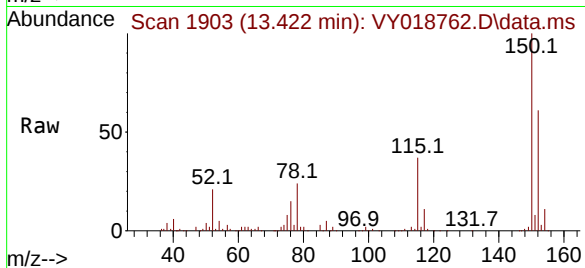
Tgt Ion:152 Resp: 54217

Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 158.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 71.922 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018762.D

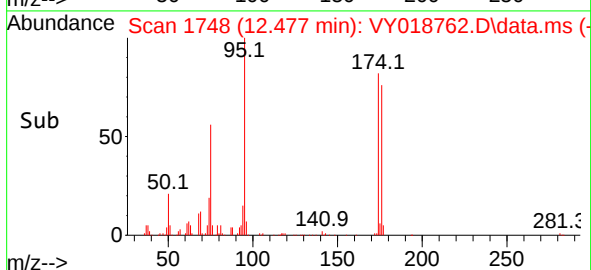
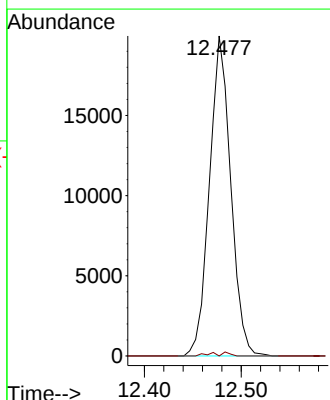
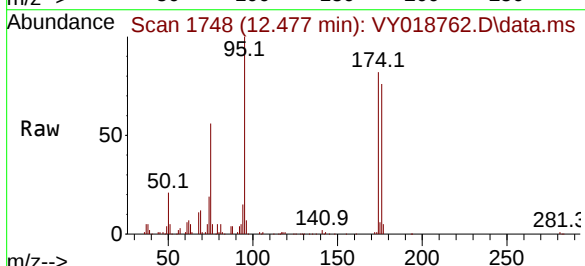
Acq: 10 Jul 2024 12:41

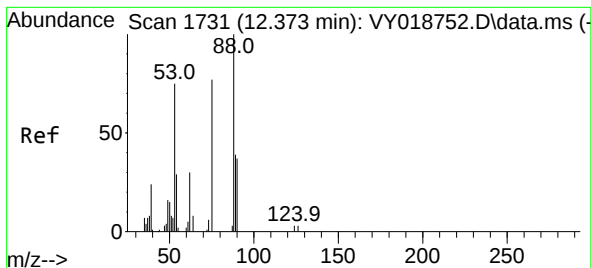
Tgt Ion: 75 Resp: 30541

Ion Ratio Lower Upper

75 100

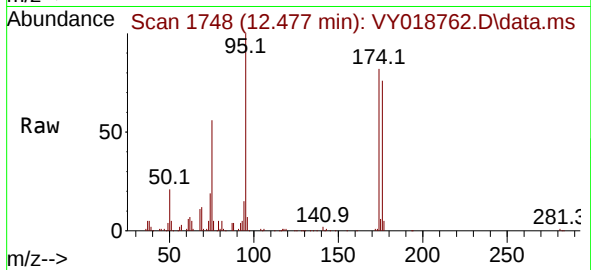
77 0.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 160.967 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018762.D
 Acq: 10 Jul 2024 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :



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

