

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018769.D
 Acq On : 10 Jul 2024 16:12
 Operator : SY/MD
 Sample : P3187-11
 Misc : 6.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 02:25:28 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)

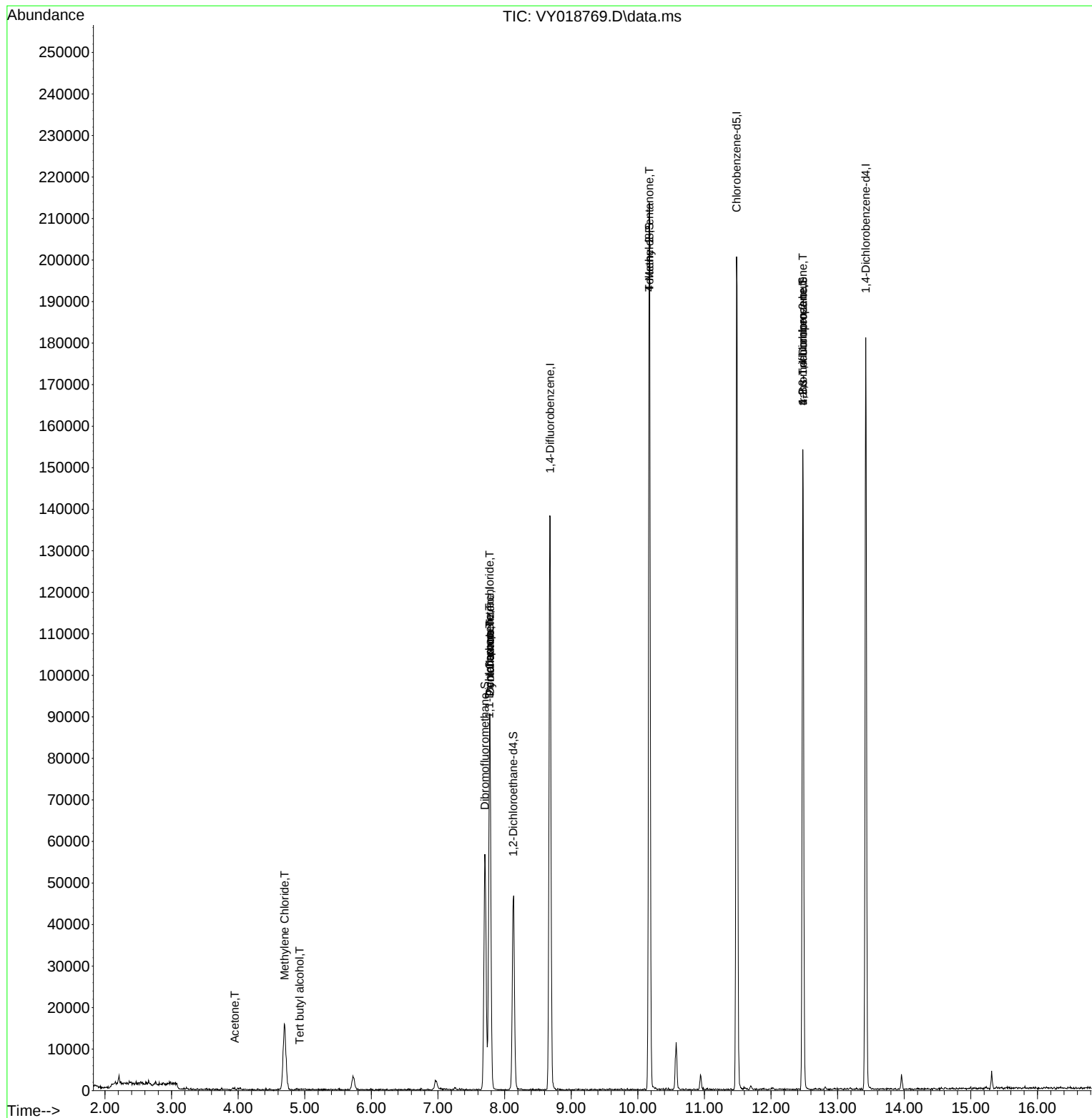
Internal Standards						
1) Pentafluorobenzene	7.783	168	69634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	122596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	112695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	36547	53.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.680%	
35) Dibromofluoromethane	7.704	113	38126	49.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.300%	
50) Toluene-d8	10.173	98	140061	48.147	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.300%	
62) 4-Bromofluorobenzene	12.477	95	45342	45.641	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	101	1.455	ug/l #	88
16) Acetone	3.948	43	366	2.897	ug/l #	36
20) Methylene Chloride	4.698	84	11853	12.883	ug/l	86
31) Cyclohexane	7.783	56	1421	1.350	ug/l #	52
36) 1,1-Dichloropropene	7.771	75	5268	4.971	ug/l #	47
38) Carbon Tetrachloride	7.777	117	7002	5.486	ug/l #	21
51) 4-Methyl-2-Pentanone	10.173	43	597	1.334	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	25317	69.660	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25317	155.903	ug/l #	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
Data File : VY018769.D
Acq On : 10 Jul 2024 16:12
Operator : SY/MD
Sample : P3187-11
Misc : 6.35g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 11 02:25:28 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

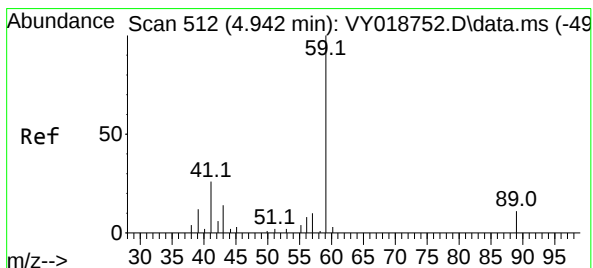
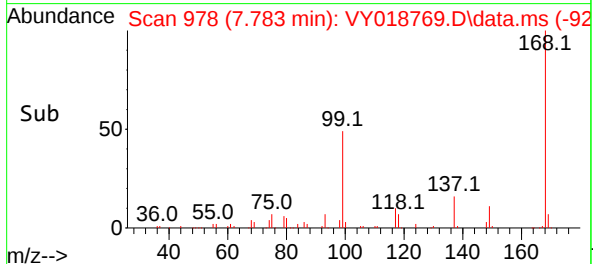
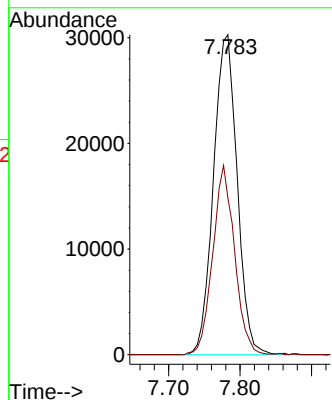
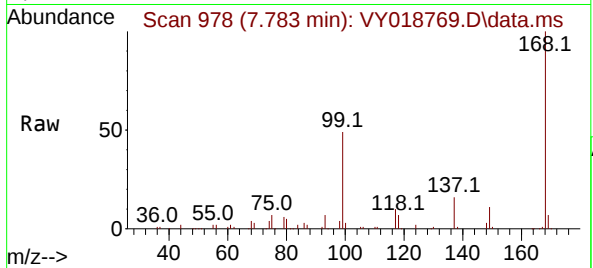




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018769.D
Acq: 10 Jul 2024 16:12

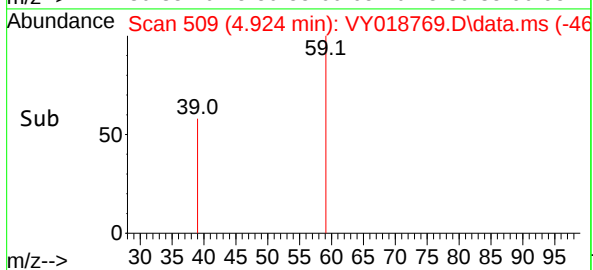
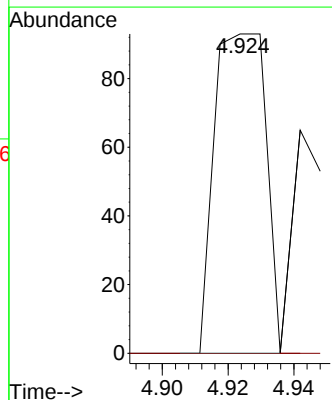
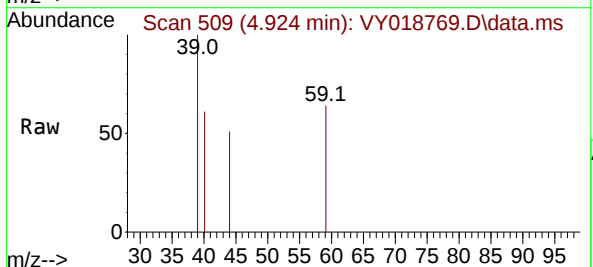
Instrument :
MSVOA_Y
ClientSampleId :

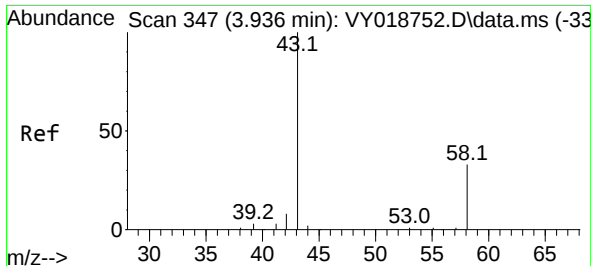
Tgt Ion:168 Resp: 69634
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.455 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY018769.D
Acq: 10 Jul 2024 16:12

Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

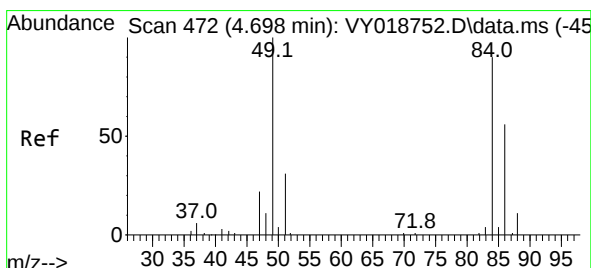
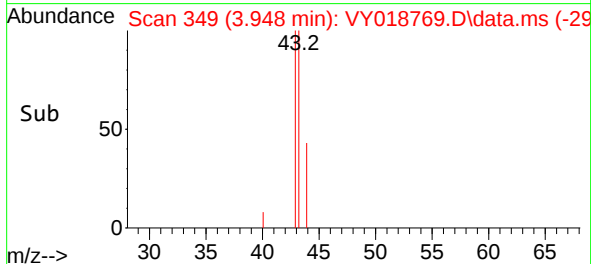
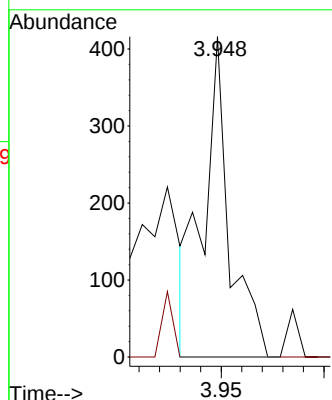
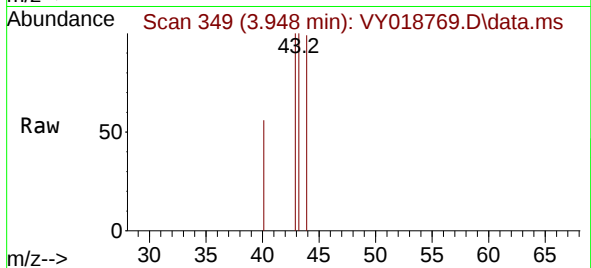




#16
Acetone
Concen: 2.897 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY018769.D
Acq: 10 Jul 2024 16:12

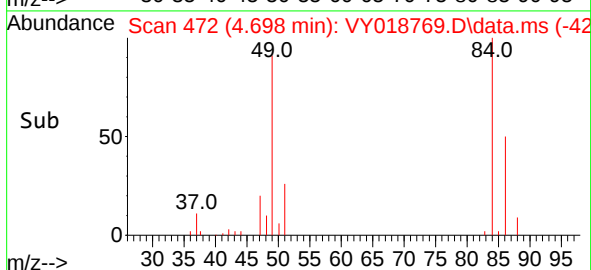
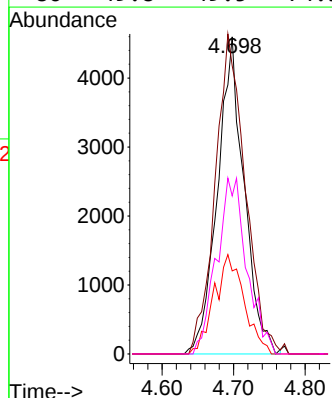
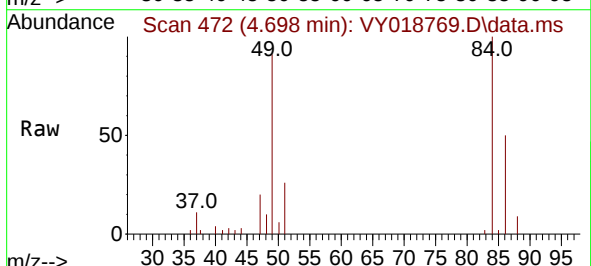
Instrument :
MSVOA_Y
ClientSampleId :

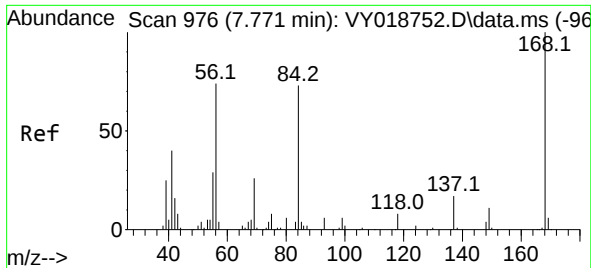
Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 12.883 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018769.D
Acq: 10 Jul 2024 16:12

Tgt Ion: 84 Resp: 11853
Ion Ratio Lower Upper
84 100
49 90.9 84.4 126.6
51 26.2 26.0 39.0
86 49.8 49.5 74.3

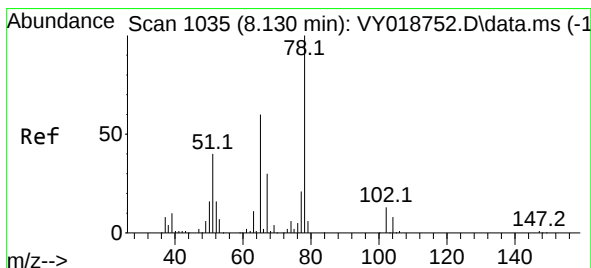
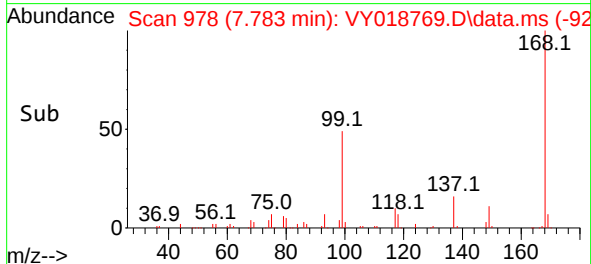
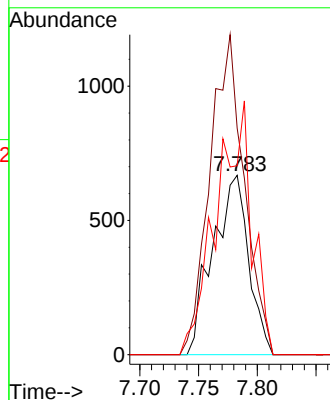
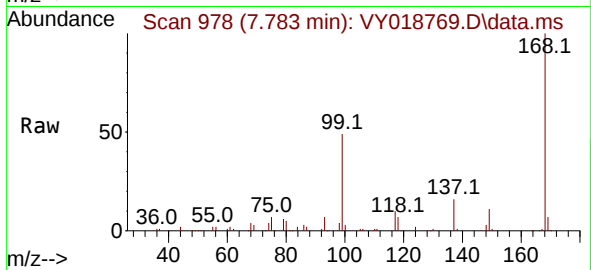




#31
Cyclohexane
Concen: 1.350 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018769.D
Acq: 10 Jul 2024 16:12

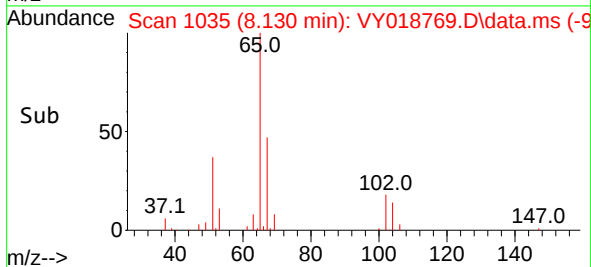
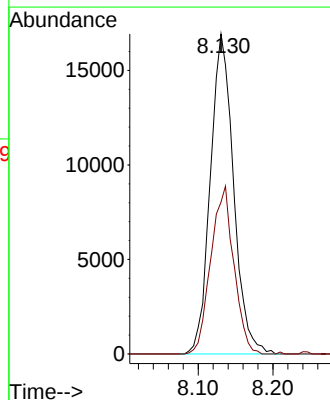
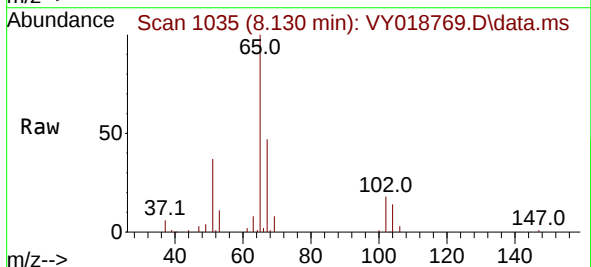
Instrument :
MSVOA_Y
ClientSampleId :

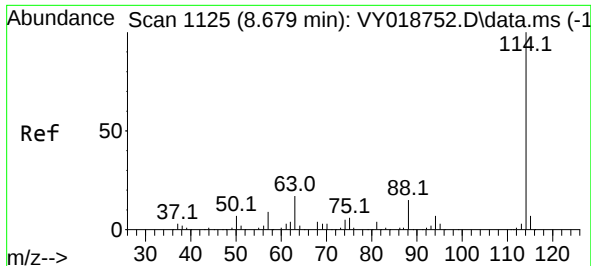
Tgt Ion: 56 Resp: 1421
Ion Ratio Lower Upper
56 100
69 126.3 28.7 43.1#
84 105.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 53.337 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018769.D
Acq: 10 Jul 2024 16:12

Tgt Ion: 65 Resp: 36547
Ion Ratio Lower Upper
65 100
67 51.9 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: VY018769.D

Acq: 10 Jul 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

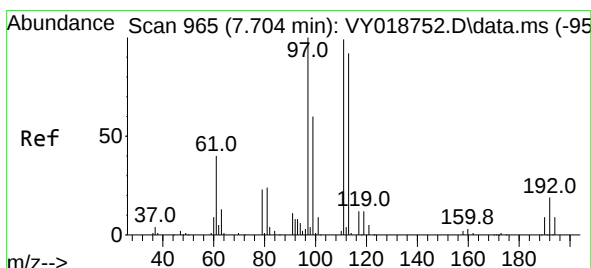
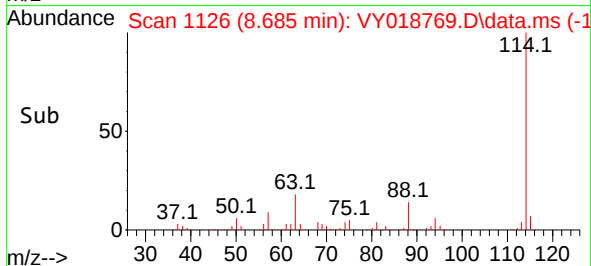
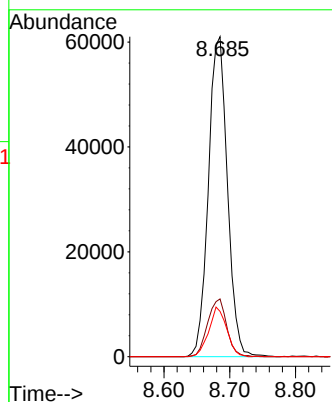
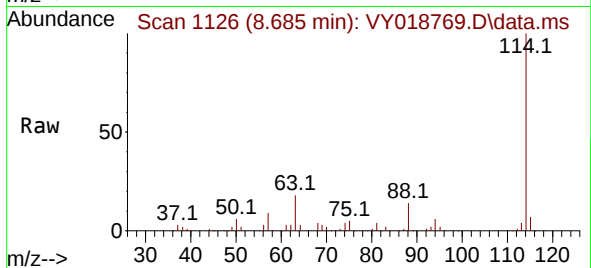
Tgt Ion:114 Resp: 122596

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.653 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018769.D

Acq: 10 Jul 2024 16:12

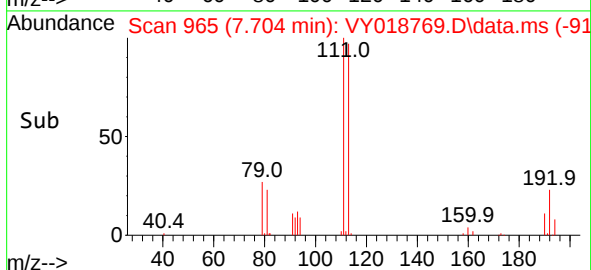
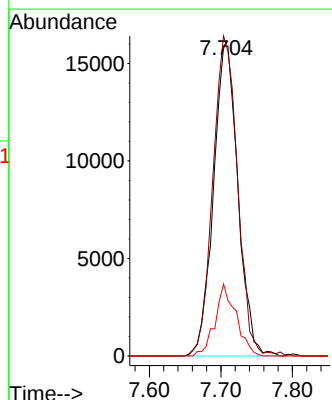
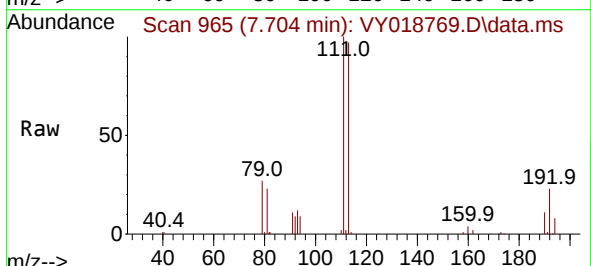
Tgt Ion:113 Resp: 38126

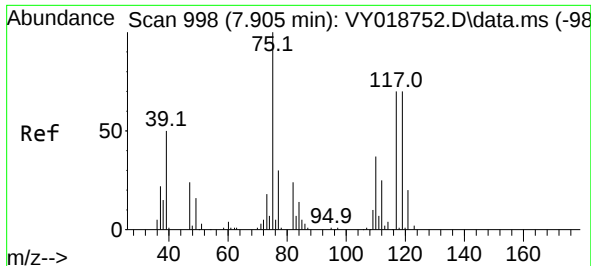
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 19.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.971 ug/l

RT: 7.771 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018769.D

Acq: 10 Jul 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

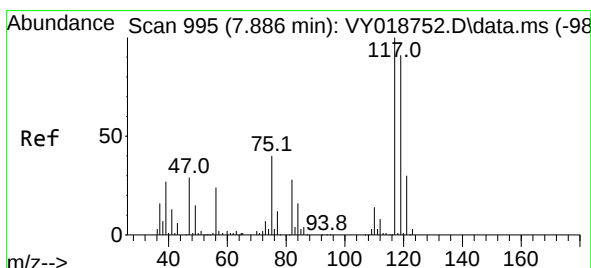
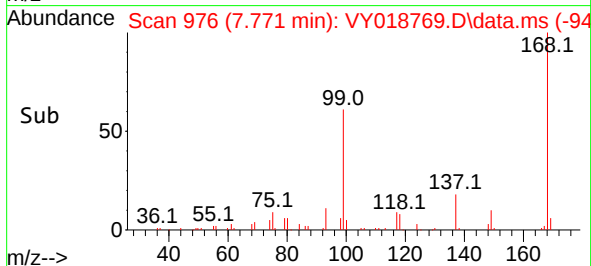
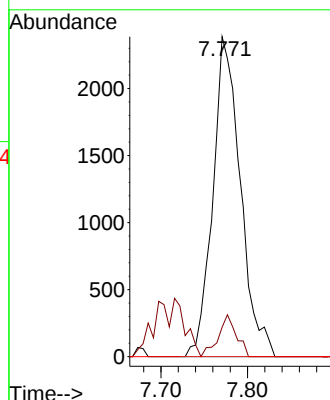
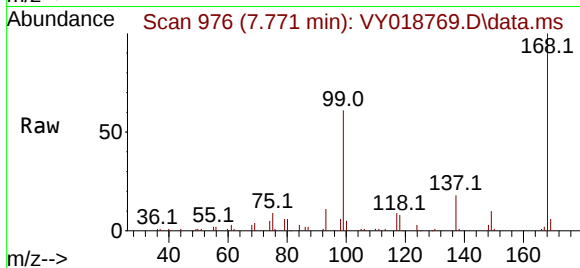
Tgt Ion: 75 Resp: 5268

Ion Ratio Lower Upper

75 100

110 8.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.486 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.110 min

Lab File: VY018769.D

Acq: 10 Jul 2024 16:12

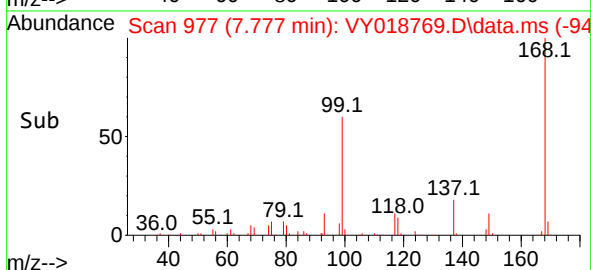
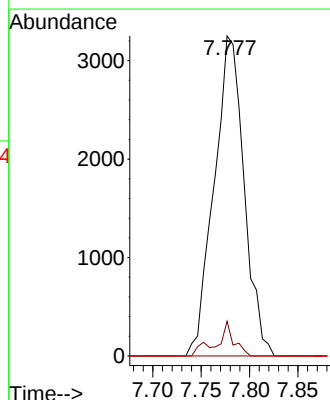
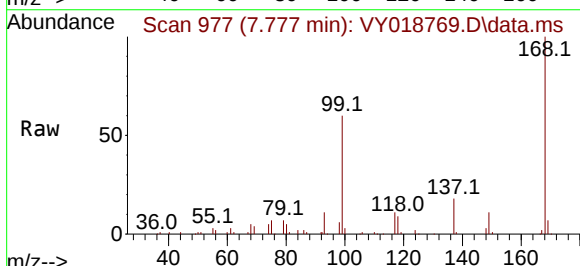
Tgt Ion: 117 Resp: 7002

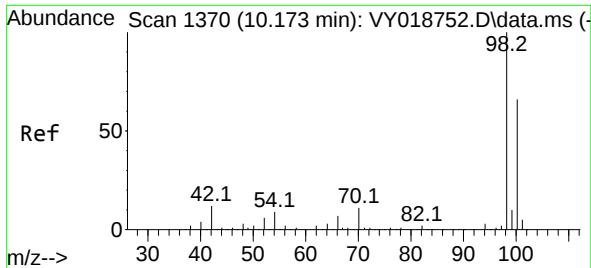
Ion Ratio Lower Upper

117 100

119 10.9 75.8 113.6#

121 0.0 24.0 36.0#

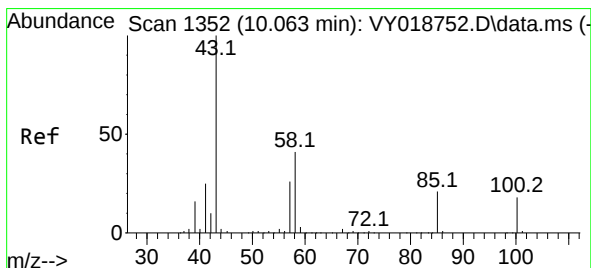
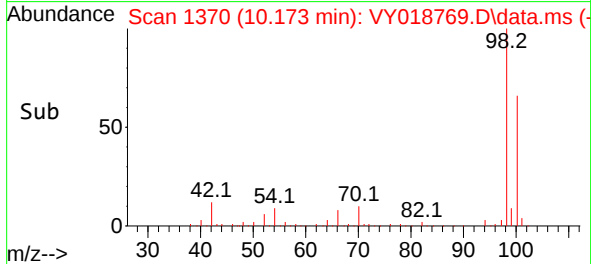
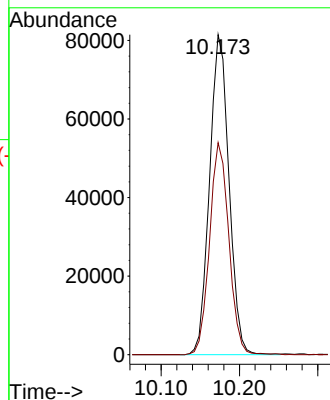
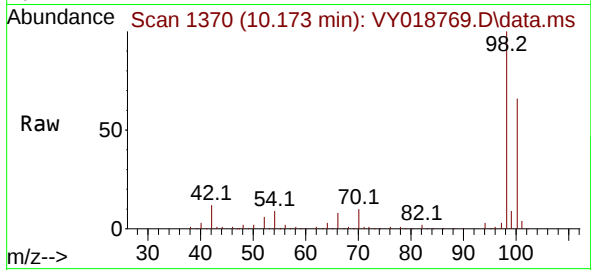




#50
Toluene-d8
Concen: 48.147 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018769.D
Acq: 10 Jul 2024 16:12

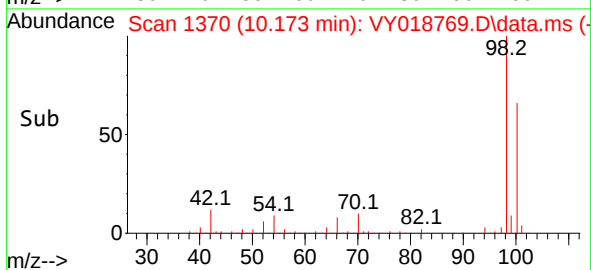
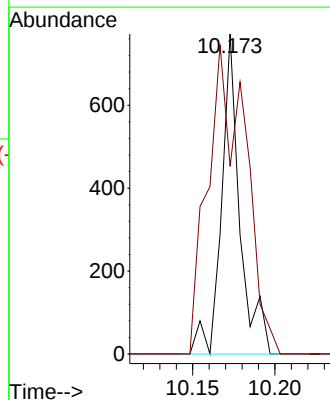
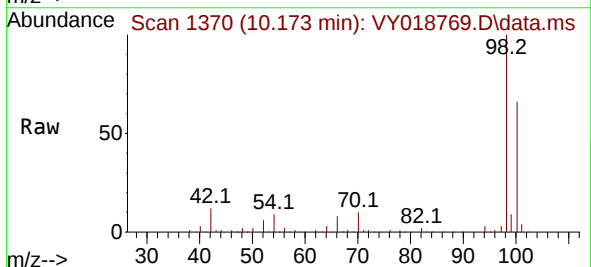
Instrument :
MSVOA_Y
ClientSampleId :

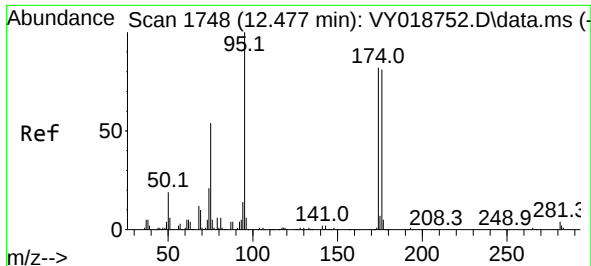
Tgt Ion: 98 Resp: 140061
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.334 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.110 min
Lab File: VY018769.D
Acq: 10 Jul 2024 16:12

Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
58 198.8 35.7 53.5#





#62

4-Bromofluorobenzene

Concen: 45.641 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018769.D

Acq: 10 Jul 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

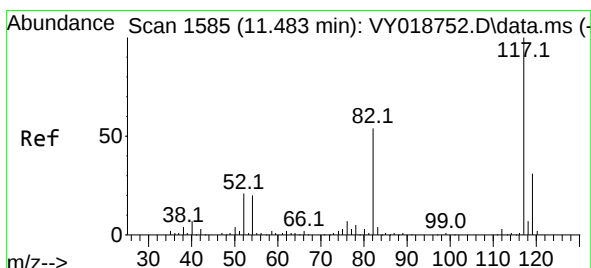
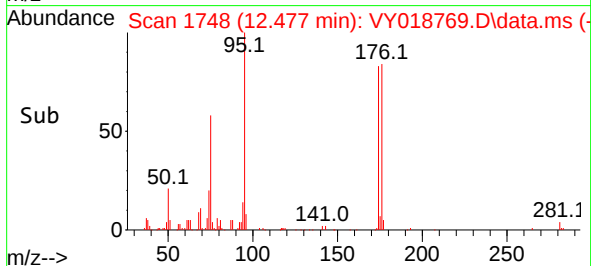
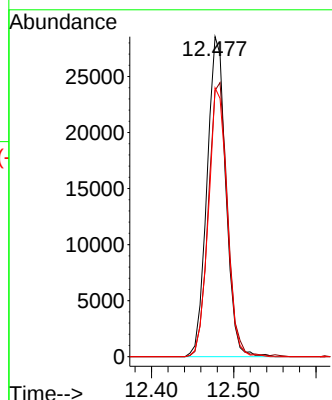
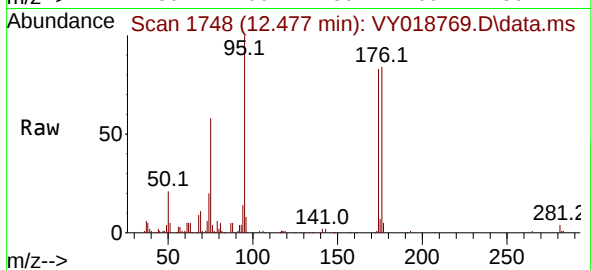
Tgt Ion: 95 Resp: 45342

Ion Ratio Lower Upper

95 100

174 87.3 0.0 175.6

176 84.0 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: VY018769.D

Acq: 10 Jul 2024 16:12

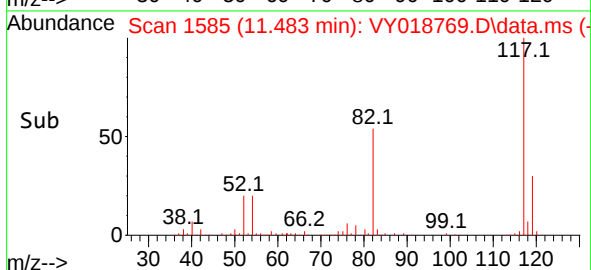
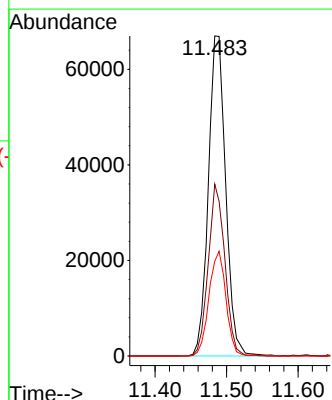
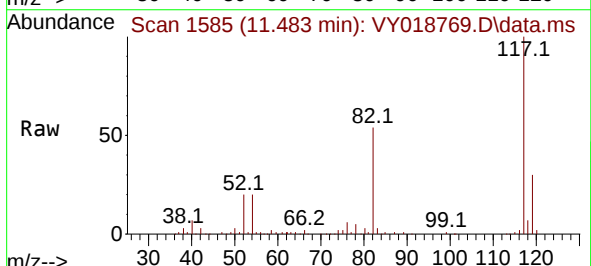
Tgt Ion: 117 Resp: 112695

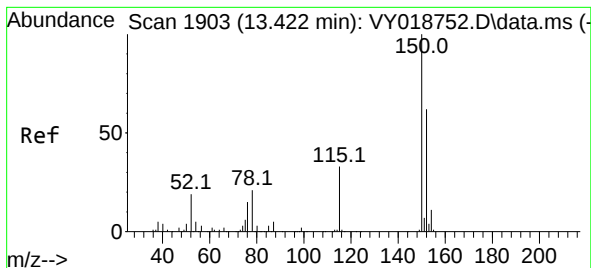
Ion Ratio Lower Upper

117 100

82 53.7 42.4 63.6

119 29.6 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: VY018769.D

Acq: 10 Jul 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

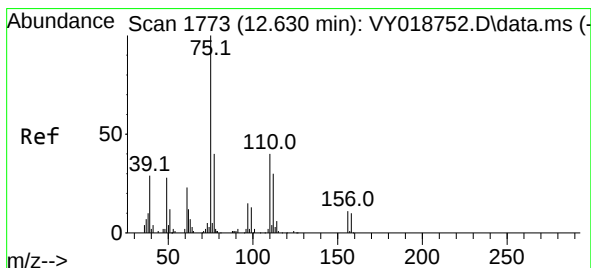
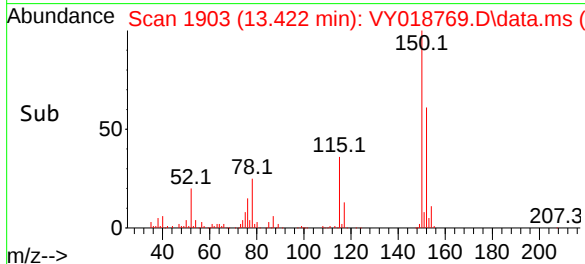
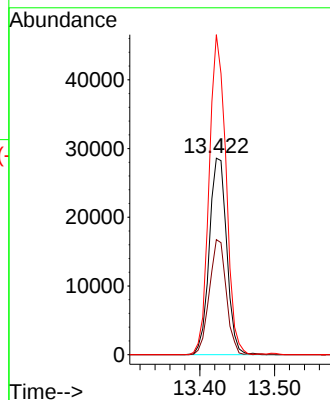
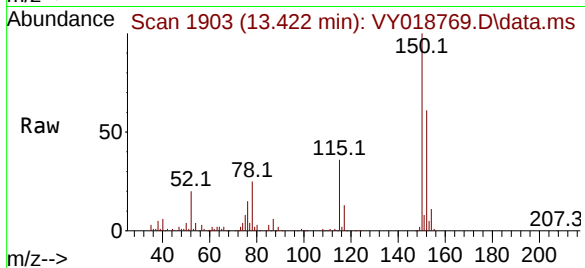
Tgt Ion:152 Resp: 46403

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 156.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 69.660 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018769.D

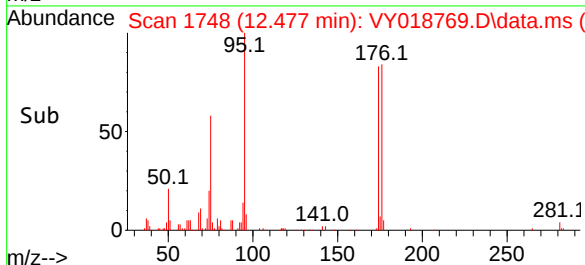
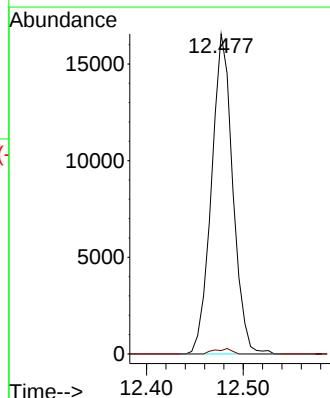
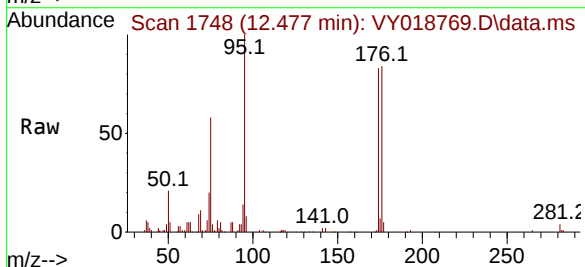
Acq: 10 Jul 2024 16:12

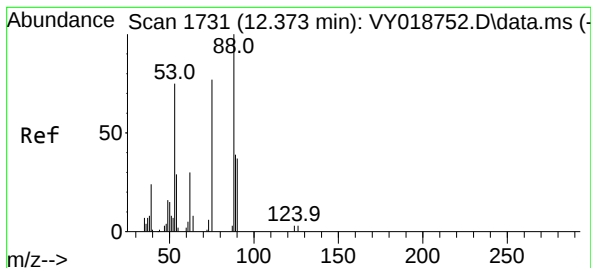
Tgt Ion: 75 Resp: 25317

Ion Ratio Lower Upper

75 100

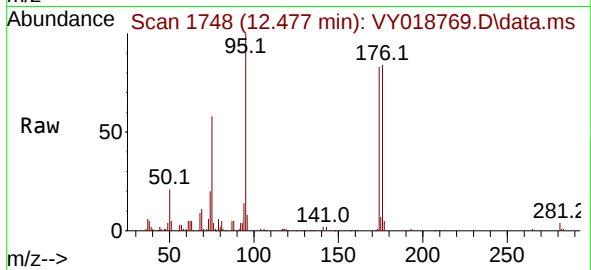
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 155.903 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018769.D
 Acq: 10 Jul 2024 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 25317
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

