

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018774.D
 Acq On : 11 Jul 2024 12:55
 Operator : SY/MD
 Sample : VY0711SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 01:36:06 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)

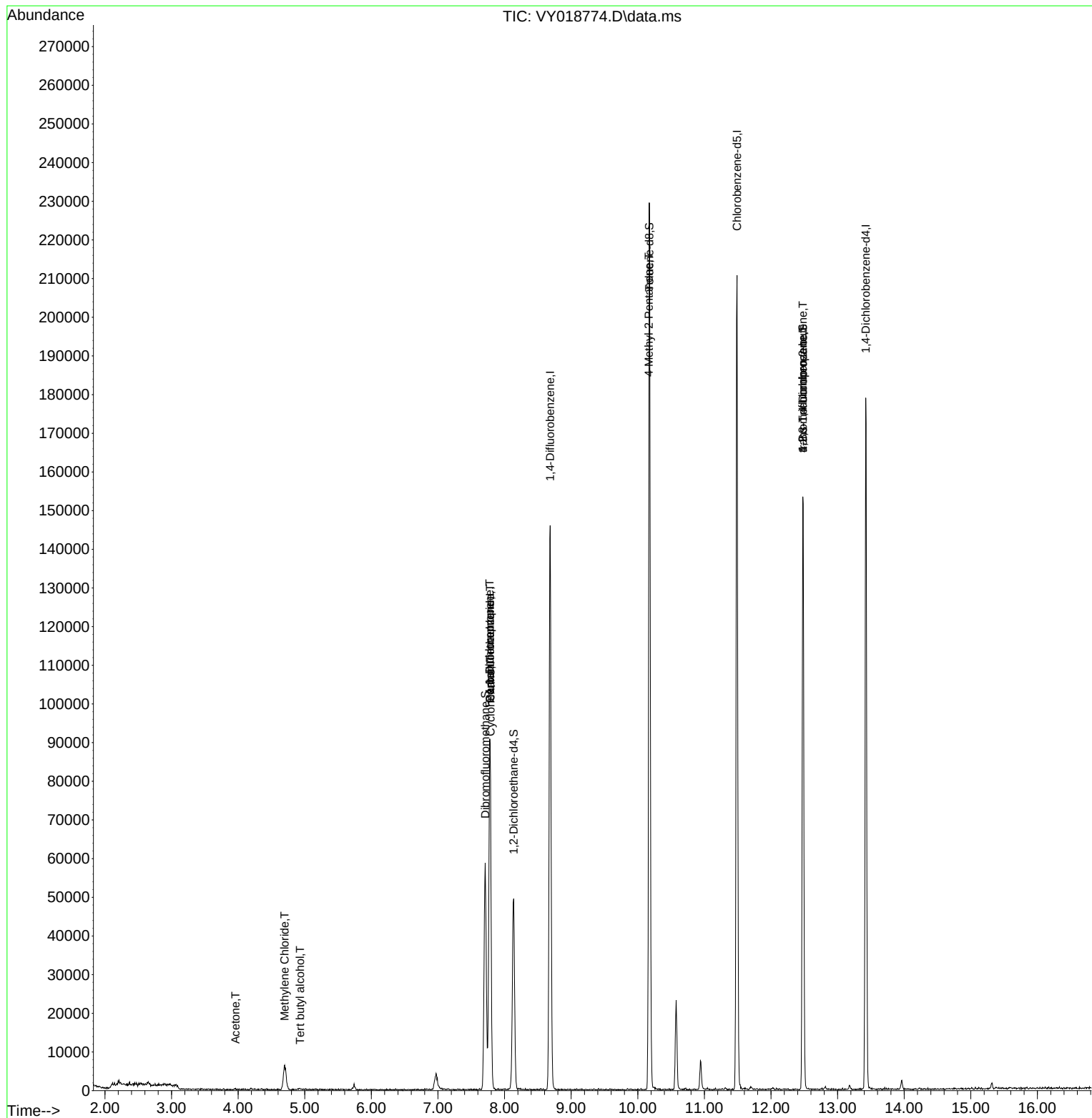
Internal Standards						
1) Pentafluorobenzene	7.783	168	71843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	126430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	114680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	38294	54.168	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.710	113	40189	50.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.500%	
50) Toluene-d8	10.173	98	147012	49.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.000%	
62) 4-Bromofluorobenzene	12.477	95	44913	43.838	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	177	2.472	ug/l #	88
16) Acetone	3.960	43	273	2.095	ug/l #	36
20) Methylene Chloride	4.698	84	4459	1.196	ug/l #	92
31) Cyclohexane	7.789	56	1519	1.399	ug/l #	65
36) 1,1-Dichloropropene	7.777	75	5116	4.682	ug/l #	48
38) Carbon Tetrachloride	7.783	117	7137	5.423	ug/l #	15
51) 4-Methyl-2-Pentanone	10.167	43	583	1.263	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	25353	70.784	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25353	158.419	ug/l #	16

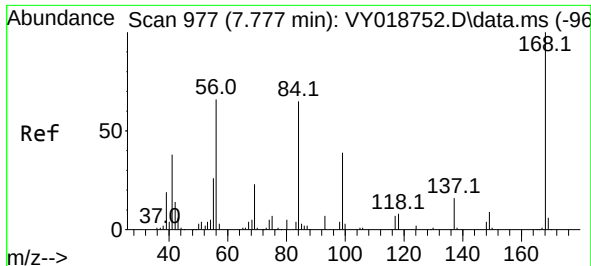
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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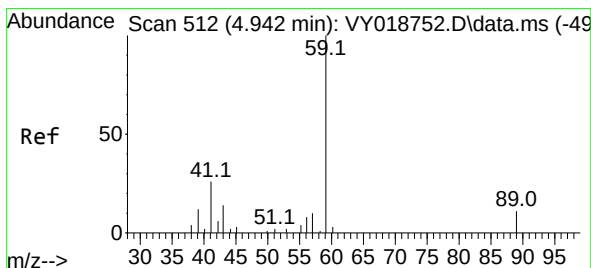
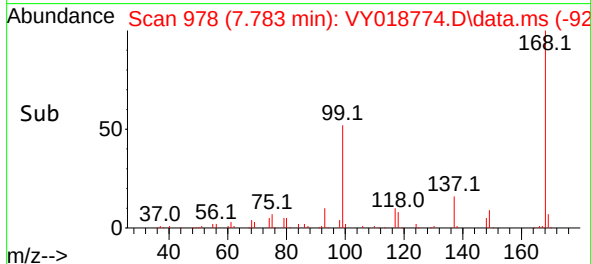
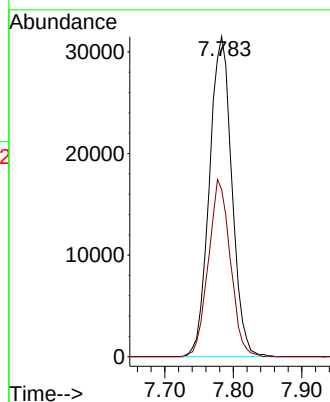
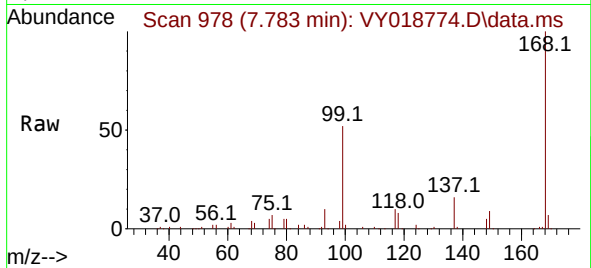




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018774.D
Acq: 11 Jul 2024 12:55

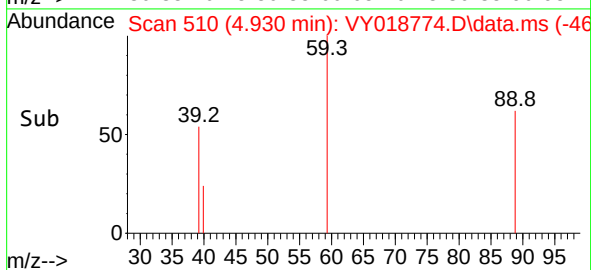
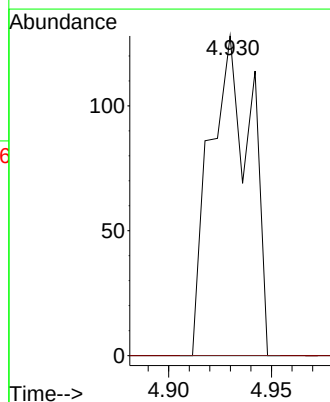
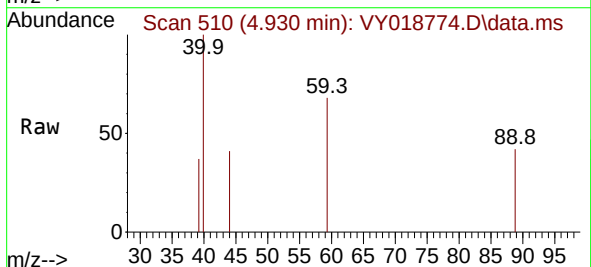
Instrument :
MSVOA_Y
ClientSampleId :

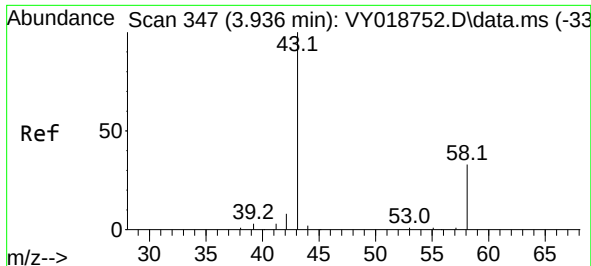
Tgt Ion:168 Resp: 71843
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.472 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY018774.D
Acq: 11 Jul 2024 12:55

Tgt Ion: 59 Resp: 177
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.095 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.025 min

Lab File: VY018774.D

Acq: 11 Jul 2024 12:55

Instrument :

MSVOA_Y

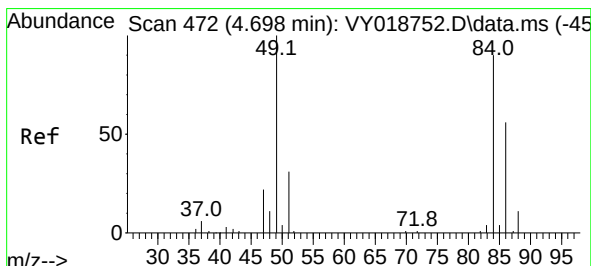
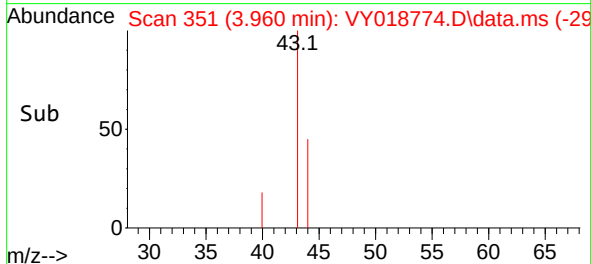
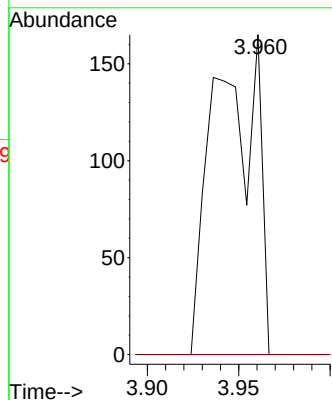
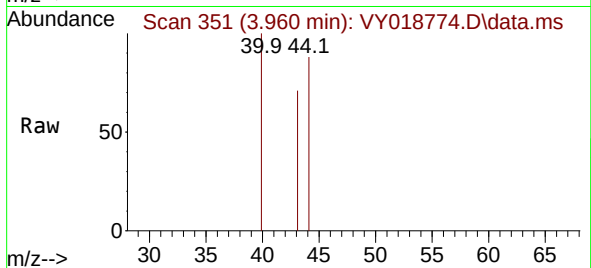
ClientSampleId :

Tgt Ion: 43 Resp: 273

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 1.196 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY018774.D

Acq: 11 Jul 2024 12:55

Tgt Ion: 84 Resp: 4459

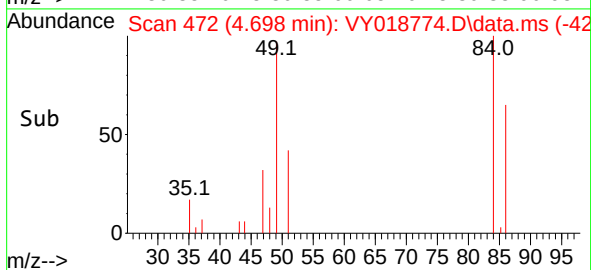
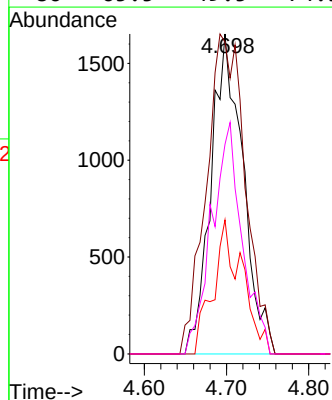
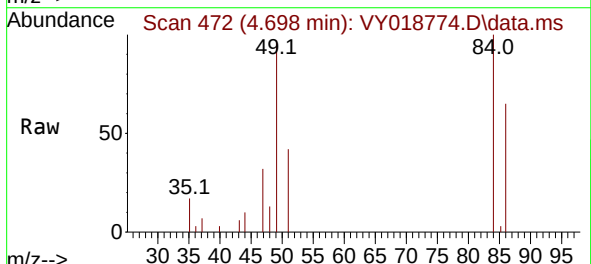
Ion Ratio Lower Upper

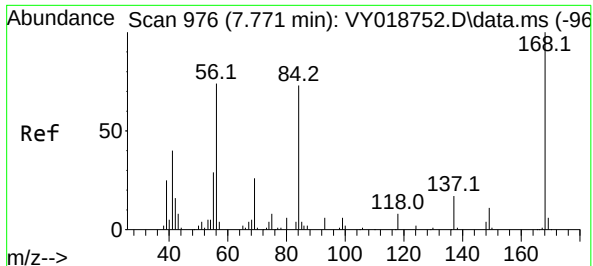
84 100

49 97.5 84.4 126.6

51 41.9 26.0 39.0#

86 65.5 49.5 74.3

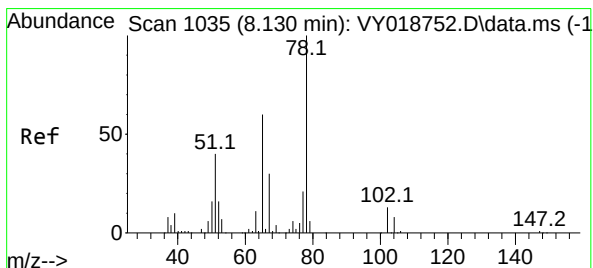
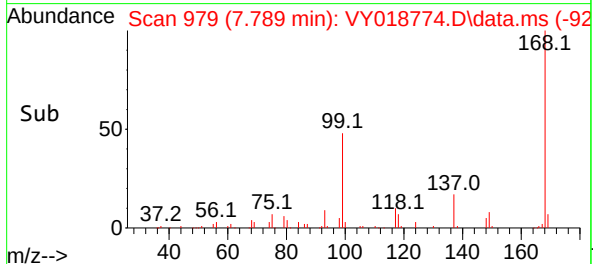
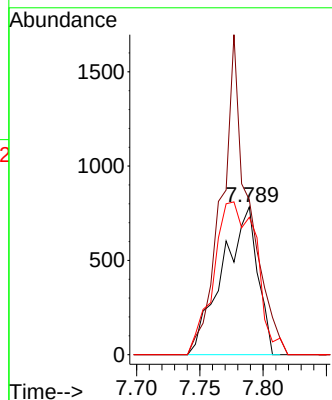
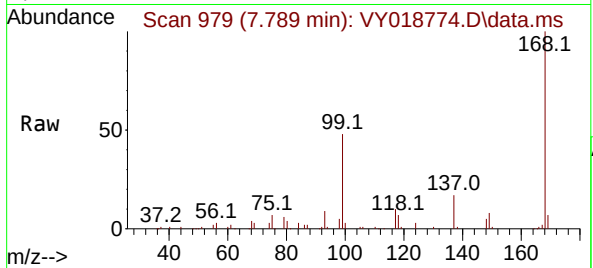




#31
Cyclohexane
Concen: 1.399 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018774.D
Acq: 11 Jul 2024 12:55

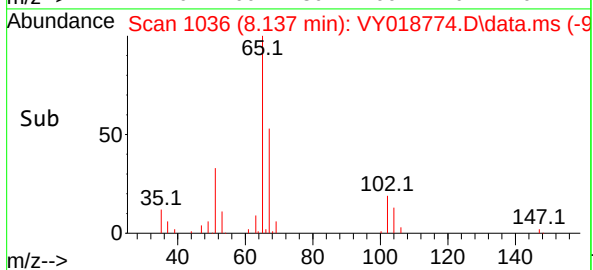
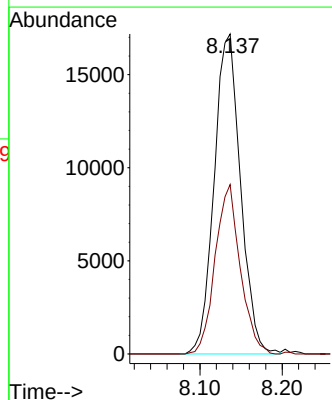
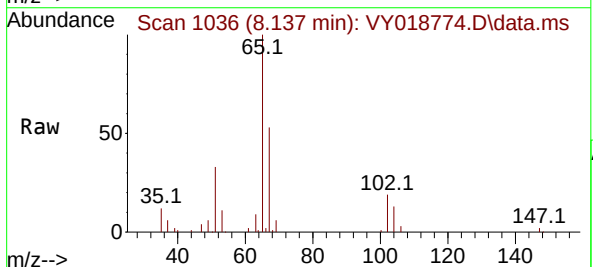
Instrument :
MSVOA_Y
ClientSampleId :

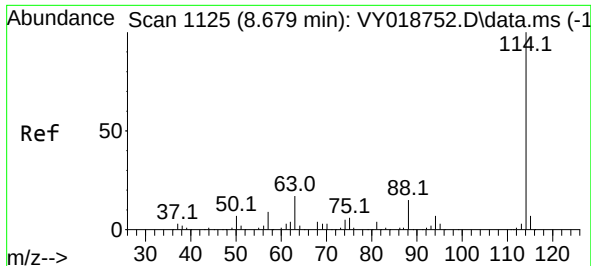
Tgt Ion: 56 Resp: 1519
Ion Ratio Lower Upper
56 100
69 104.7 28.7 43.1#
84 93.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 54.168 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY018774.D
Acq: 11 Jul 2024 12:55

Tgt Ion: 65 Resp: 38294
Ion Ratio Lower Upper
65 100
67 50.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY018774.D

Acq: 11 Jul 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

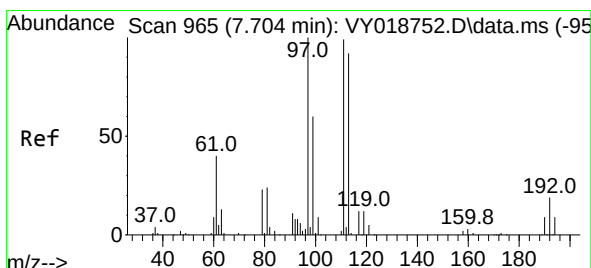
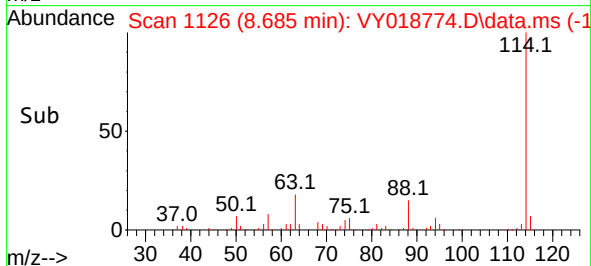
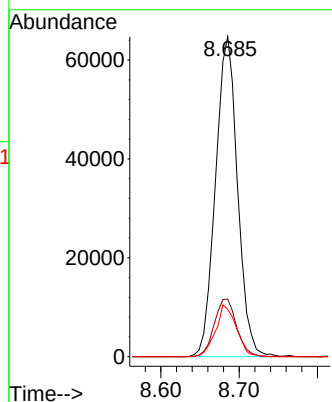
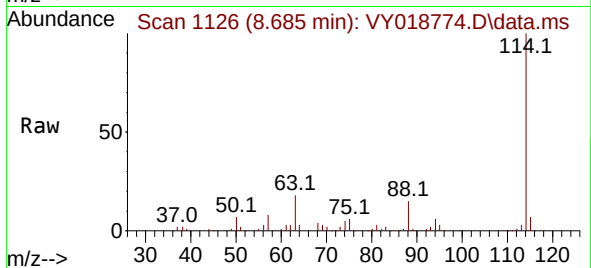
Tgt Ion:114 Resp: 126430

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.753 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018774.D

Acq: 11 Jul 2024 12:55

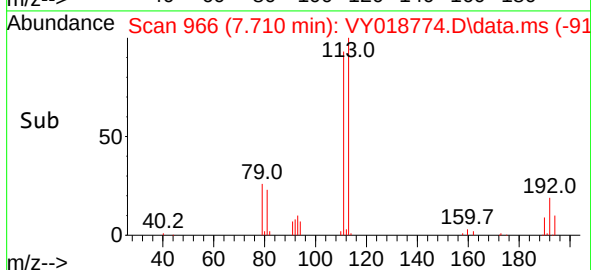
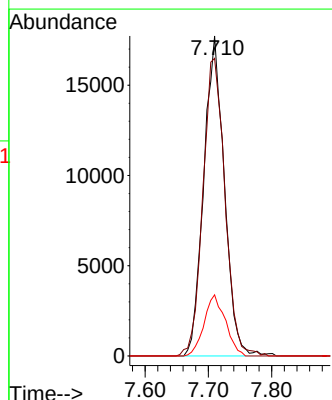
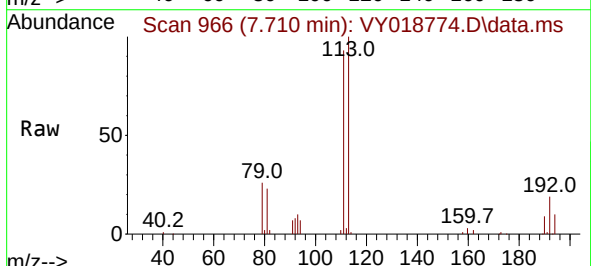
Tgt Ion:113 Resp: 40189

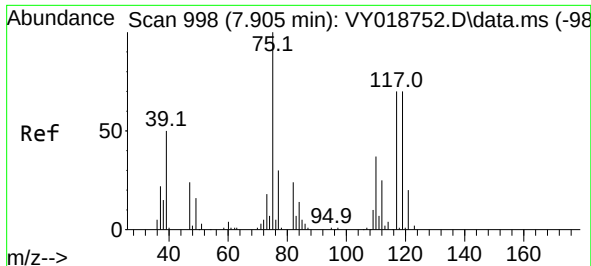
Ion Ratio Lower Upper

113 100

111 99.4 82.2 123.4

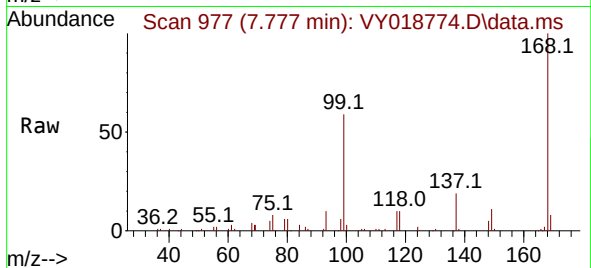
192 19.7 15.9 23.9



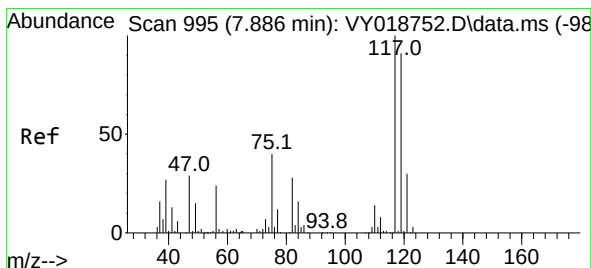
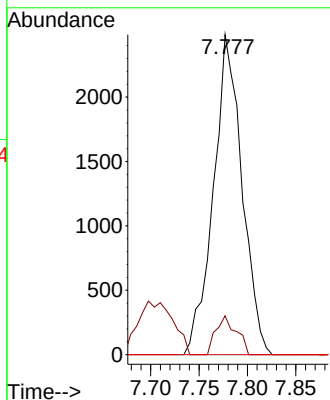
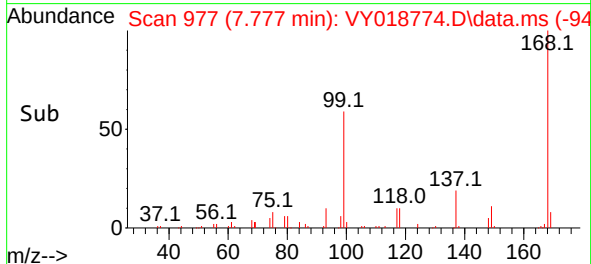


#36
1,1-Dichloropropene
Concen: 4.682 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018774.D
Acq: 11 Jul 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

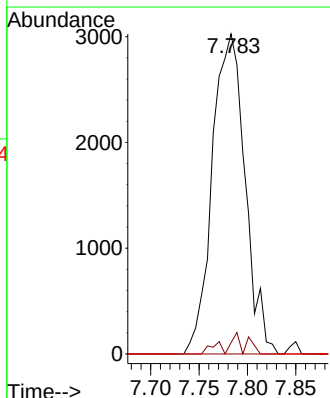
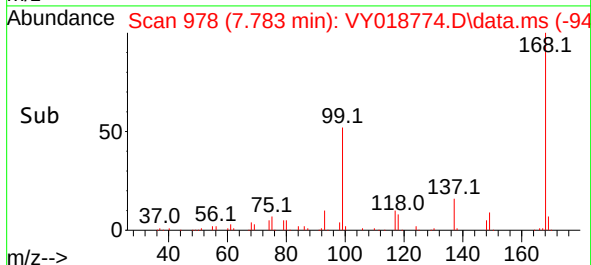
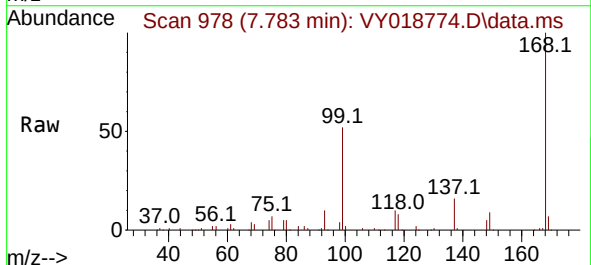


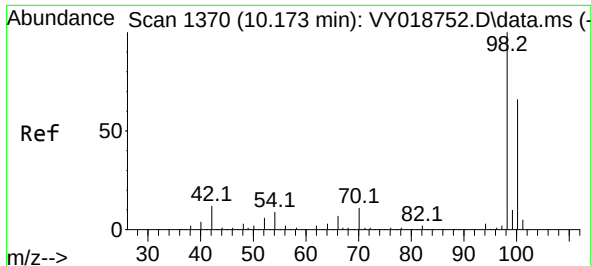
Tgt Ion: 75 Resp: 5116
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.423 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.104 min
Lab File: VY018774.D
Acq: 11 Jul 2024 12:55

Tgt Ion: 117 Resp: 7137
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 49.004 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018774.D

Acq: 11 Jul 2024 12:55

Instrument :

MSVOA_Y

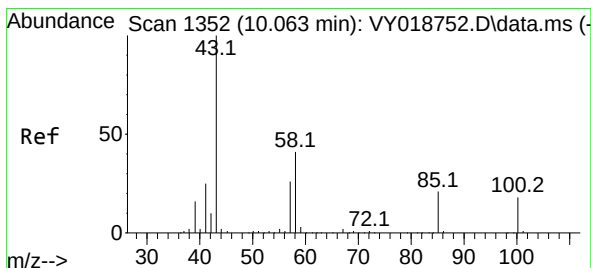
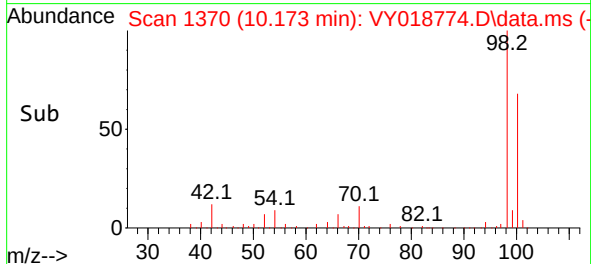
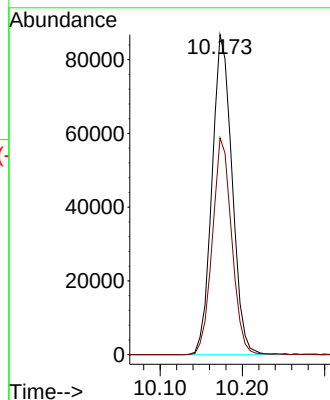
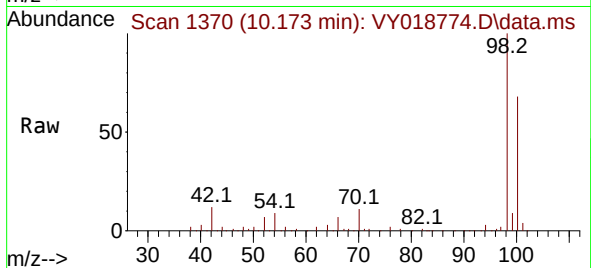
ClientSampleId :

Tgt Ion: 98 Resp: 147012

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.263 ug/l

RT: 10.167 min Scan# 1369

Delta R.T. 0.104 min

Lab File: VY018774.D

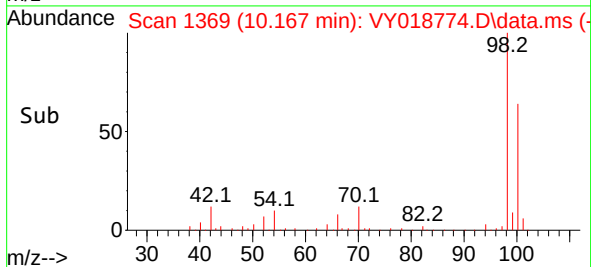
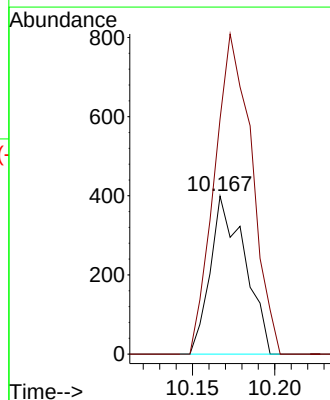
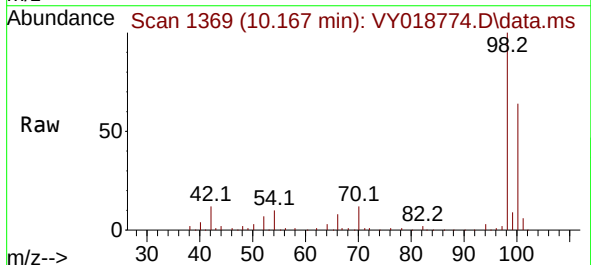
Acq: 11 Jul 2024 12:55

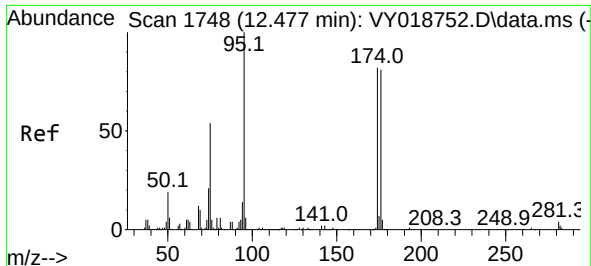
Tgt Ion: 43 Resp: 583

Ion Ratio Lower Upper

43 100

58 218.5 35.7 53.5#

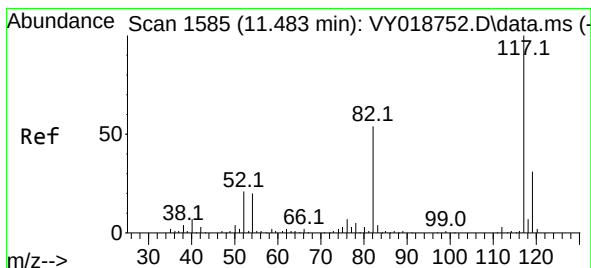
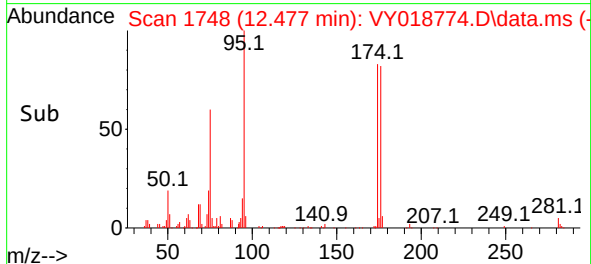
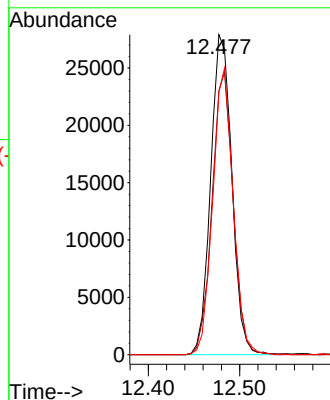
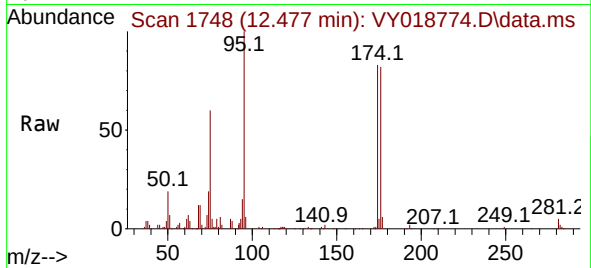




#62
4-Bromofluorobenzene
Concen: 43.838 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018774.D
Acq: 11 Jul 2024 12:55

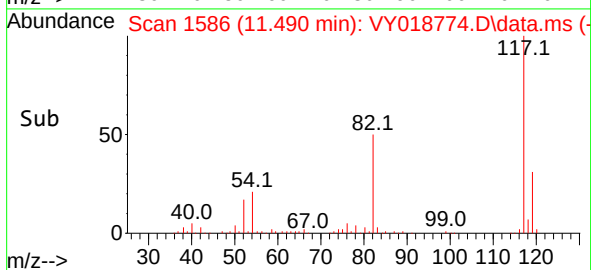
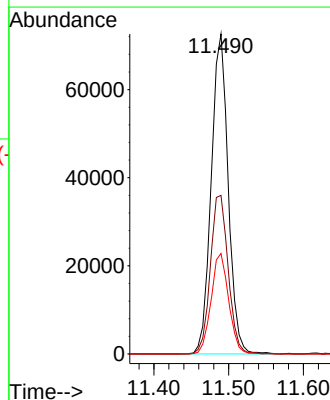
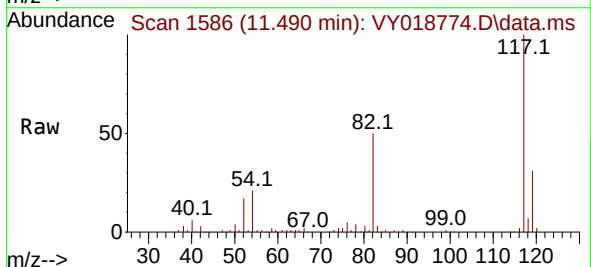
Instrument :
MSVOA_Y
ClientSampleId :

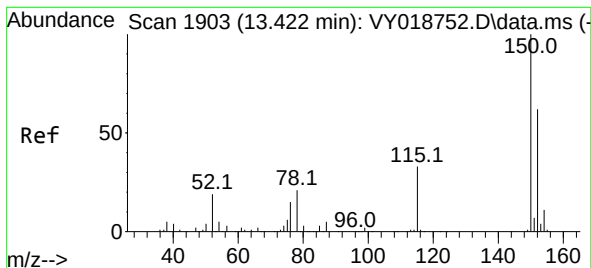
Tgt Ion: 95 Resp: 44913
Ion Ratio Lower Upper
95 100
174 87.7 0.0 175.6
176 86.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018774.D
Acq: 11 Jul 2024 12:55

Tgt Ion: 117 Resp: 114680
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 31.4 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: VY018774.D

Acq: 11 Jul 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

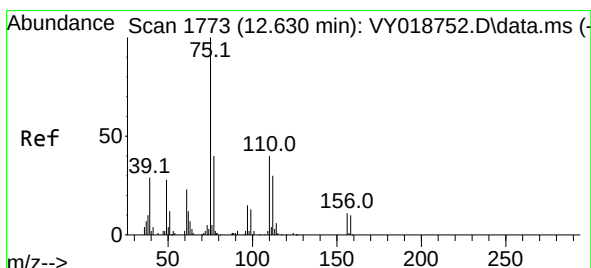
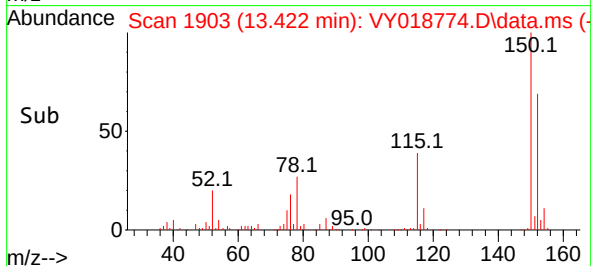
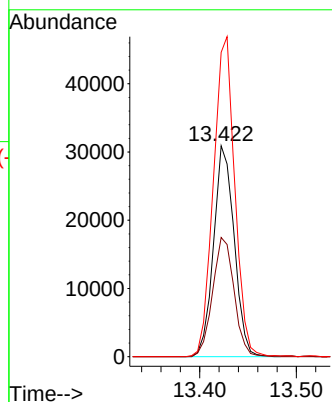
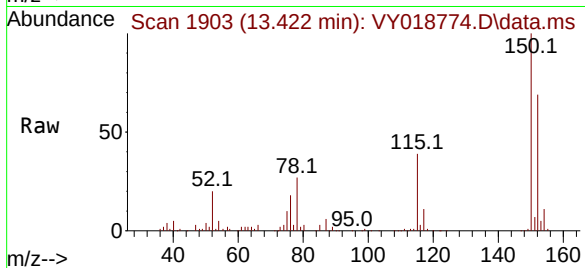
Tgt Ion:152 Resp: 45731

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 157.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 70.784 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018774.D

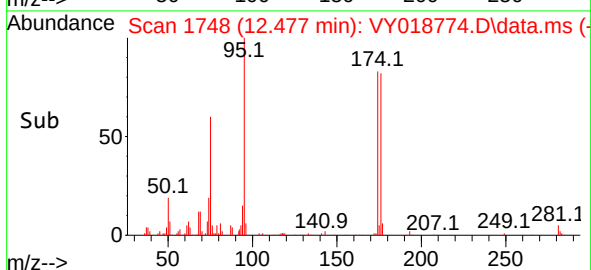
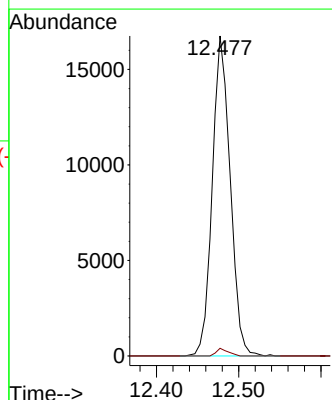
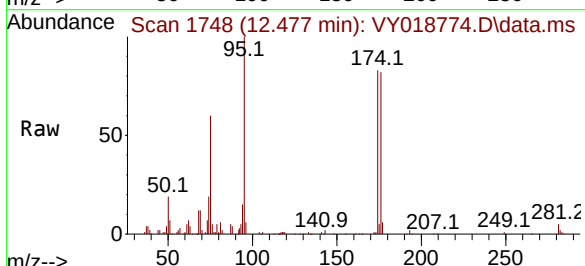
Acq: 11 Jul 2024 12:55

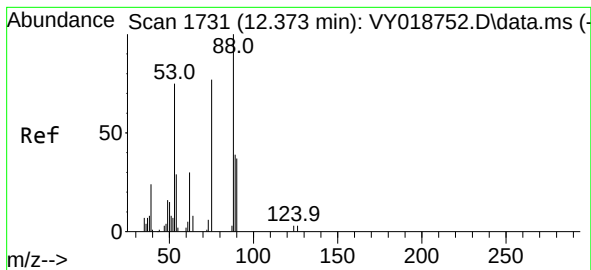
Tgt Ion: 75 Resp: 25353

Ion Ratio Lower Upper

75 100

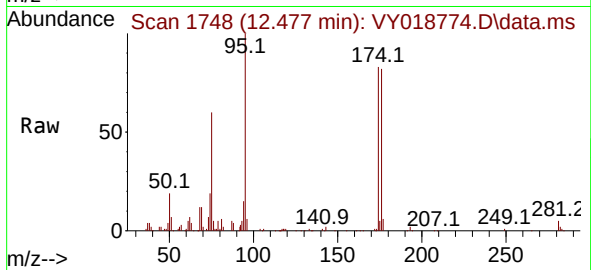
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 158.419 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018774.D
Acq: 11 Jul 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	25353
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

