

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072224\
 Data File : VY018887.D
 Acq On : 22 Jul 2024 13:31
 Operator : SY/MD
 Sample : VY0722SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 23 01:49:38 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)

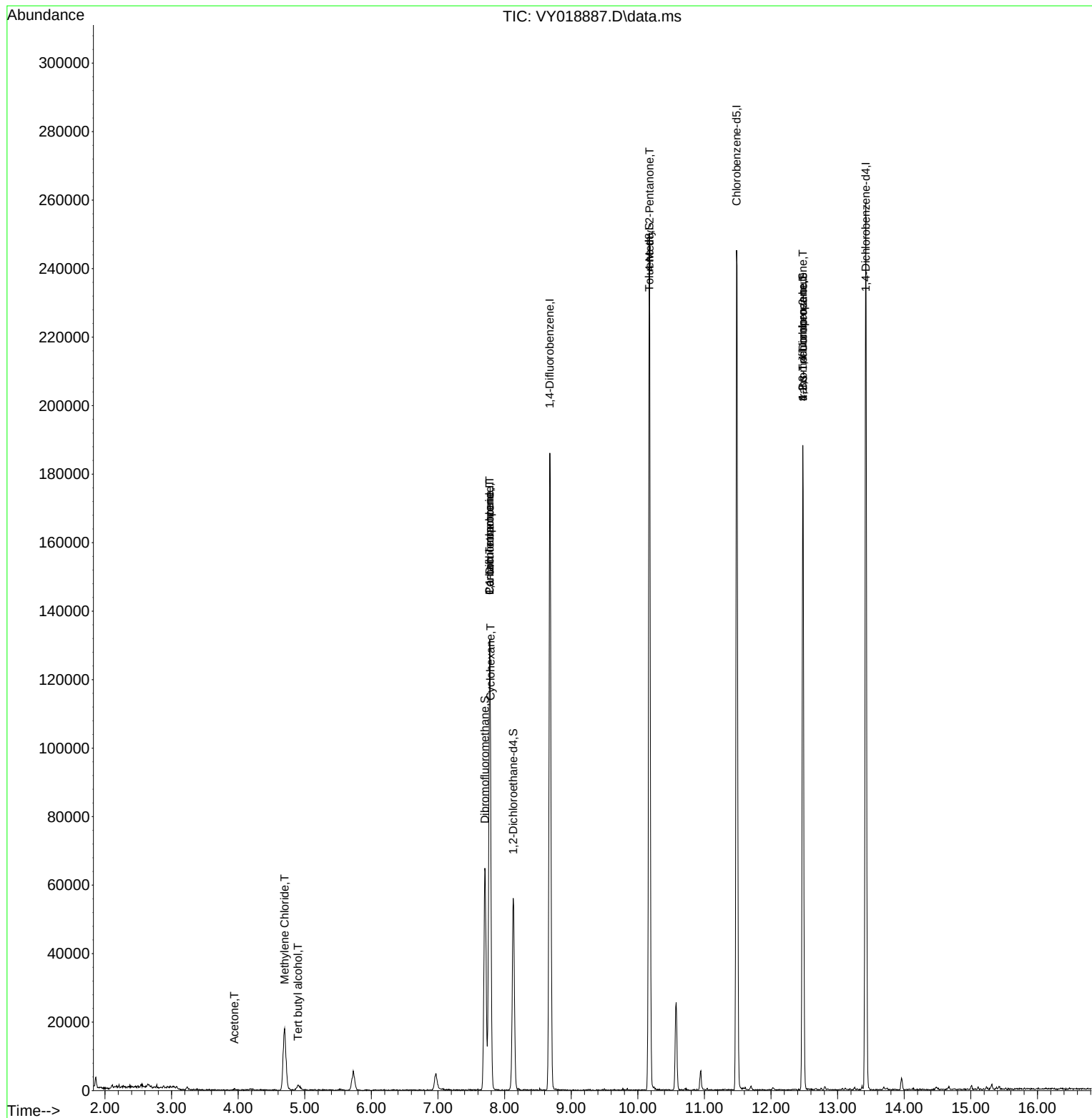
Internal Standards						
1) Pentafluorobenzene	7.777	168	103698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	161563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	136924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	42791	41.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.880%
35) Dibromofluoromethane	7.703	113	44775	44.248	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.500%
50) Toluene-d8	10.172	98	161995	42.256	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.520%
62) 4-Bromofluorobenzene	12.477	95	53982	41.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.899	59	541	5.234	ug/l #	88
16) Acetone	3.942	43	355	1.887	ug/l	87
20) Methylene Chloride	4.698	84	13849	8.921	ug/l	90
31) Cyclohexane	7.789	56	2354	1.502	ug/l #	66
36) 1,1-Dichloropropene	7.777	75	7300	5.228	ug/l #	51
38) Carbon Tetrachloride	7.777	117	10349	6.153	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	809	1.372	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	28226	54.756	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28226	122.546	ug/l #	16

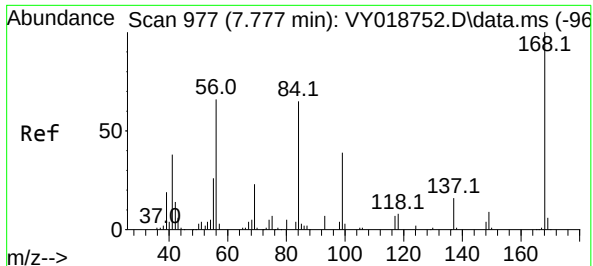
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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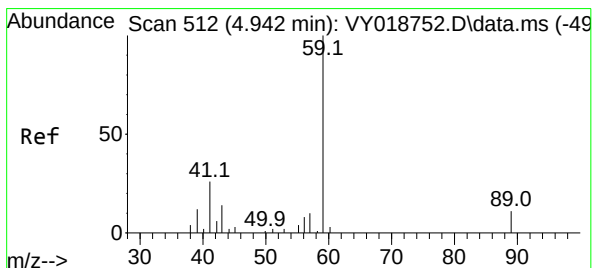
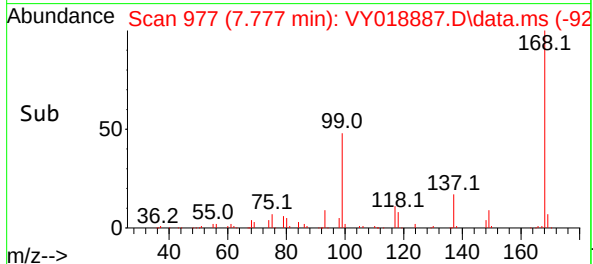
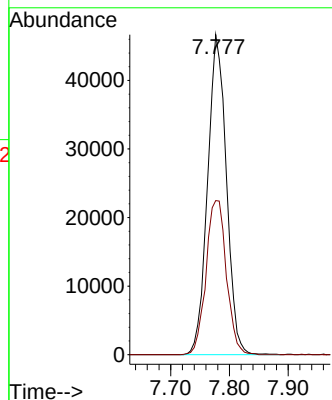
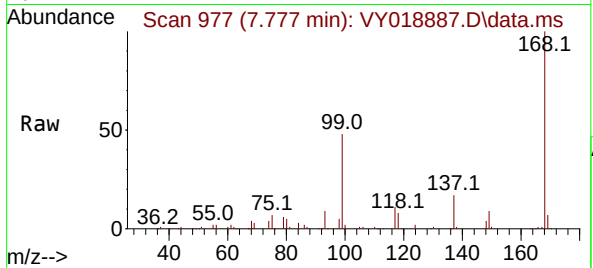




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

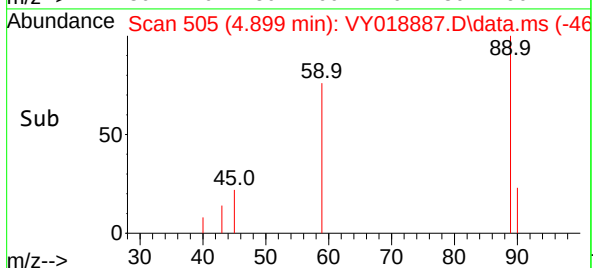
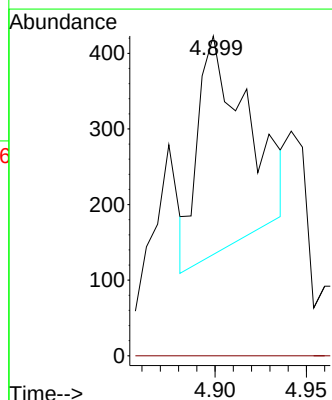
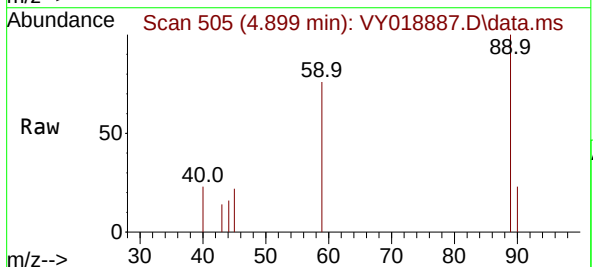
Instrument :
MSVOA_Y
ClientSampleId :

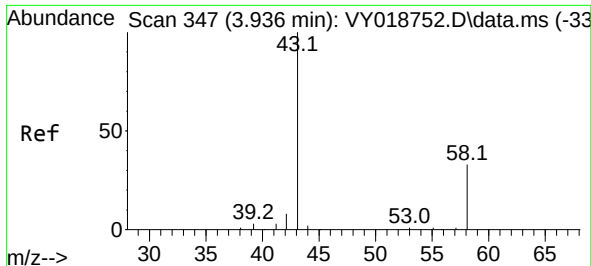
Tgt Ion:168 Resp: 103698
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#11
Tert butyl alcohol
Concen: 5.234 ug/l
RT: 4.899 min Scan# 505
Delta R.T. -0.043 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

Tgt Ion: 59 Resp: 541
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

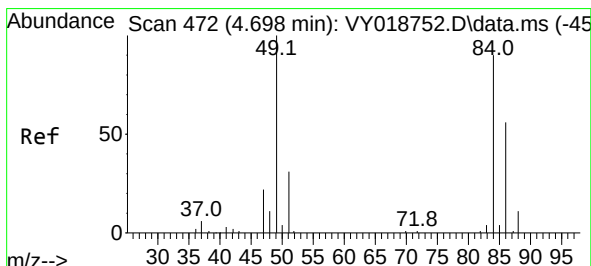
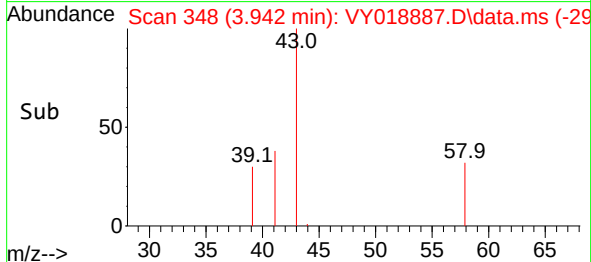
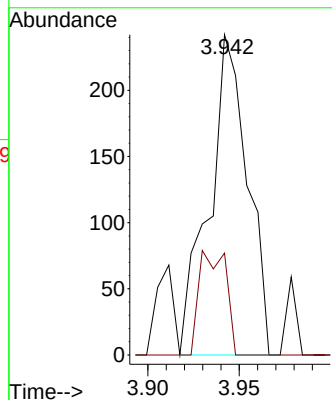
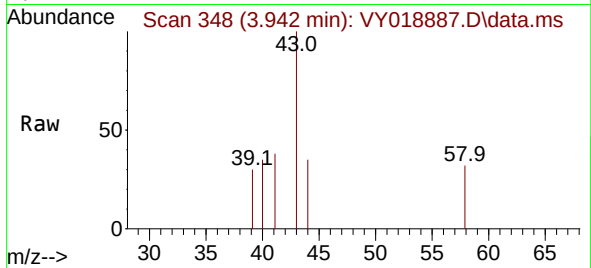




#16
Acetone
Concen: 1.887 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

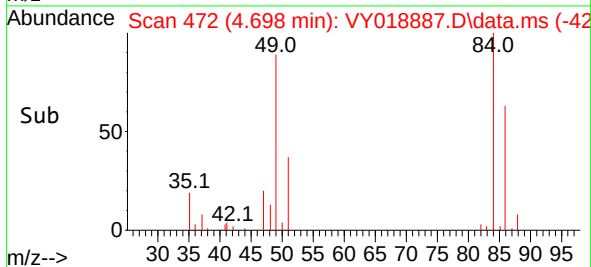
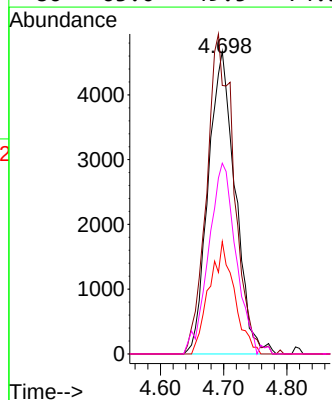
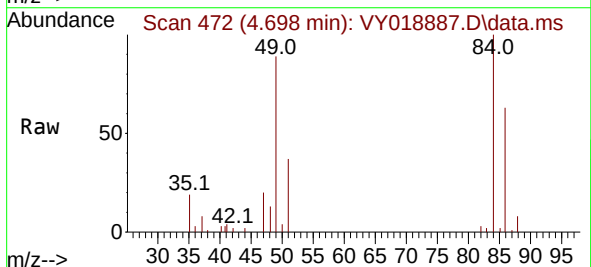
Instrument :
MSVOA_Y
ClientSampleId :

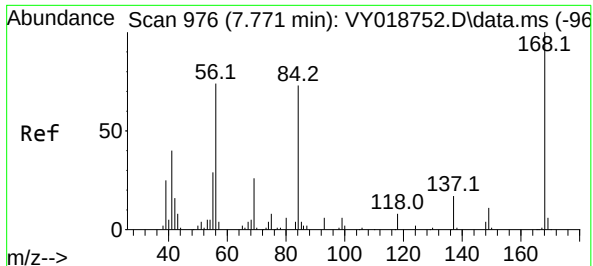
Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
58 31.8 31.7 47.5



#20
Methylene Chloride
Concen: 8.921 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

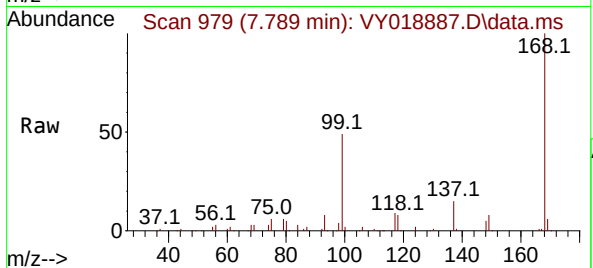
Tgt Ion: 84 Resp: 13849
Ion Ratio Lower Upper
84 100
49 88.7 84.4 126.6
51 37.1 26.0 39.0
86 63.0 49.5 74.3



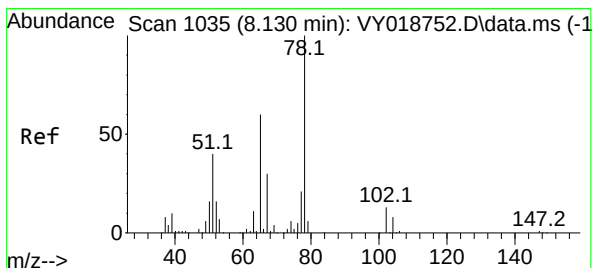
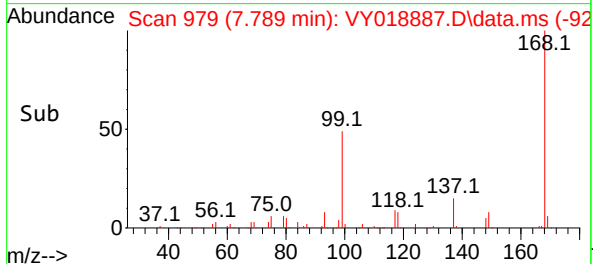
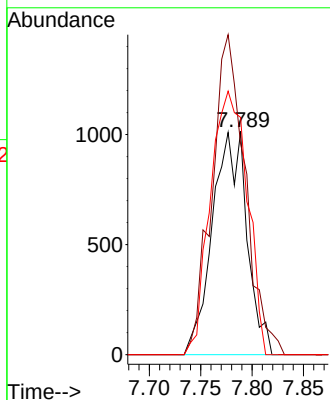


#31
Cyclohexane
Concen: 1.502 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :

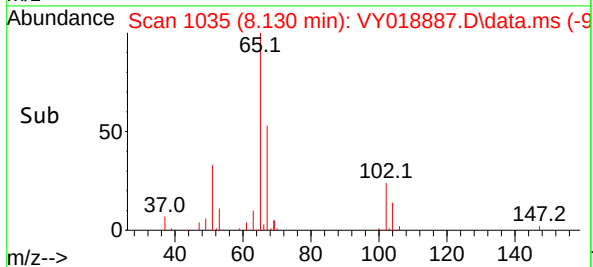
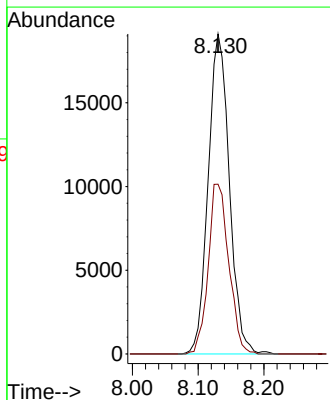
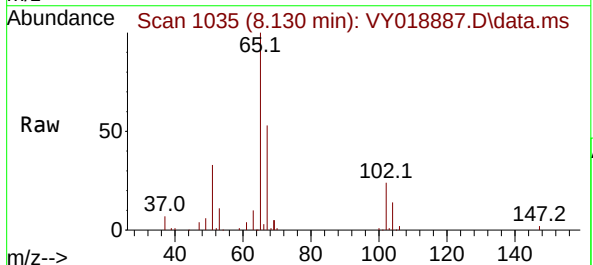


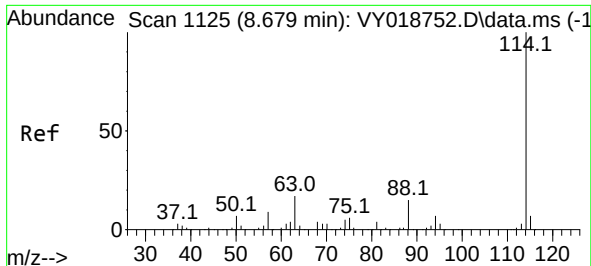
Tgt Ion: 56 Resp: 2354
Ion Ratio Lower Upper
56 100
69 94.5 28.7 43.1#
84 106.3 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 41.935 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

Tgt Ion: 65 Resp: 42791
Ion Ratio Lower Upper
65 100
67 51.7 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: VY018887.D

Acq: 22 Jul 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :

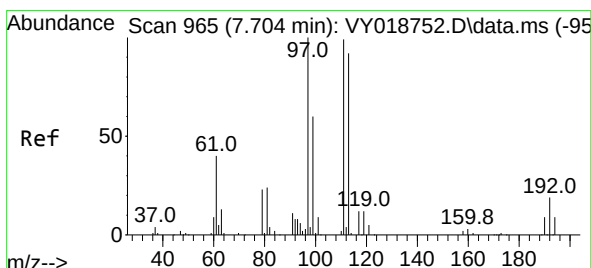
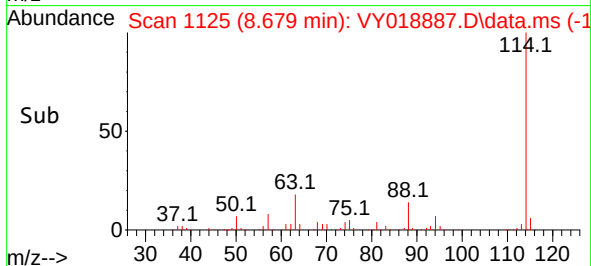
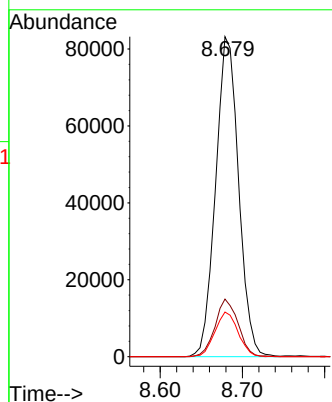
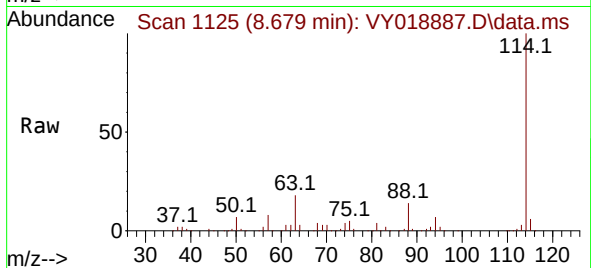
Tgt Ion:114 Resp: 161563

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.248 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018887.D

Acq: 22 Jul 2024 13:31

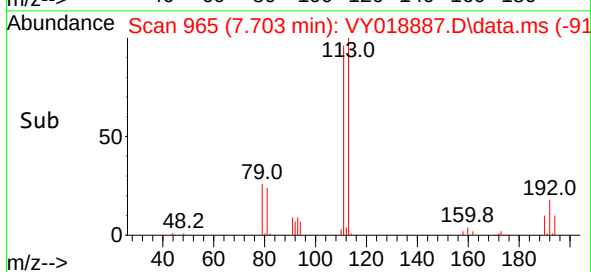
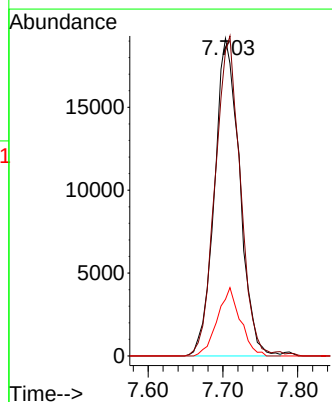
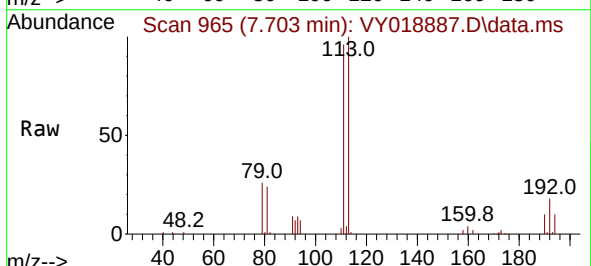
Tgt Ion:113 Resp: 44775

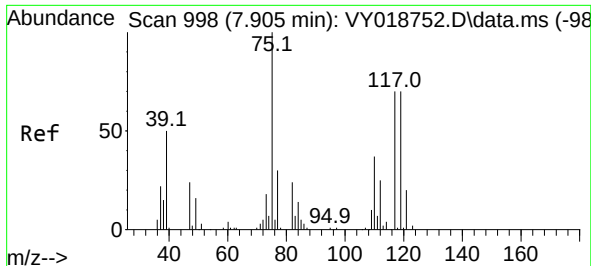
Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

192 19.7 15.9 23.9

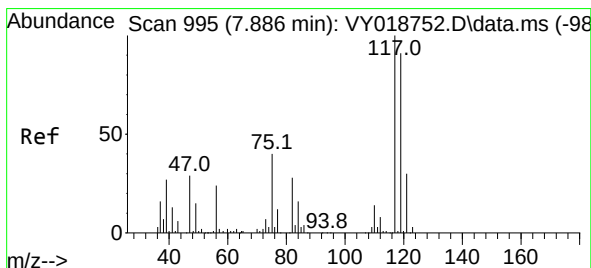
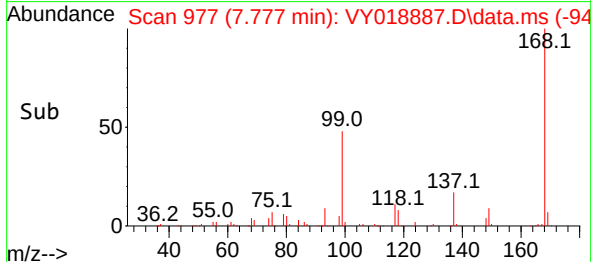
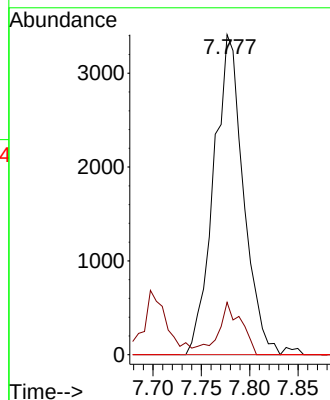
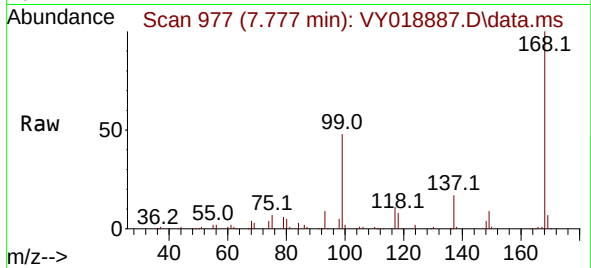




#36
1,1-Dichloropropene
Concen: 5.228 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

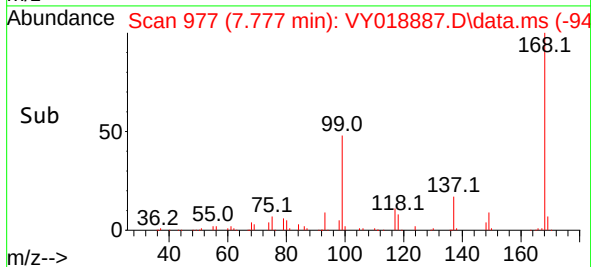
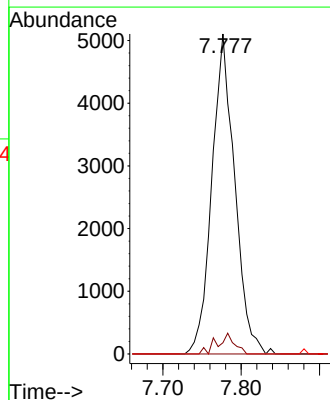
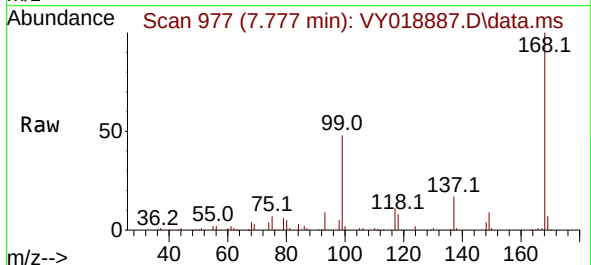
Instrument :
MSVOA_Y
ClientSampleId :

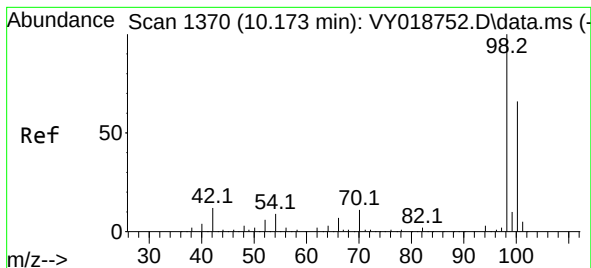
Tgt Ion: 75 Resp: 7300
Ion Ratio Lower Upper
75 100
110 12.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.153 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.110 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

Tgt Ion:117 Resp: 10349
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 42.256 ug/l

RT: 10.172 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018887.D

Acq: 22 Jul 2024 13:31

Instrument :

MSVOA_Y

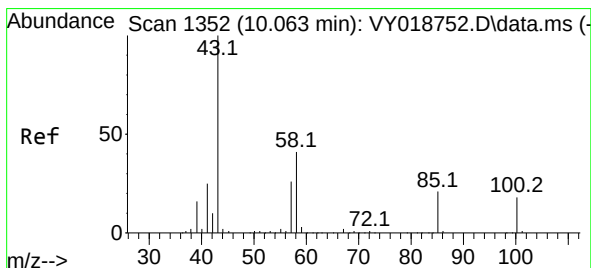
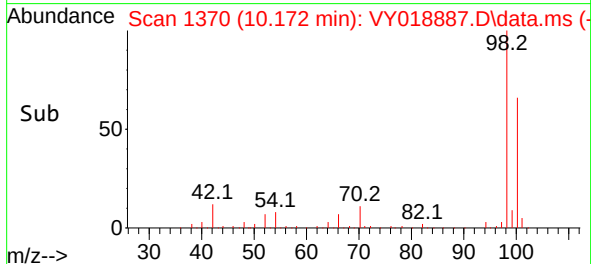
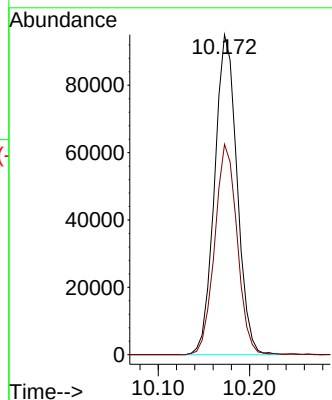
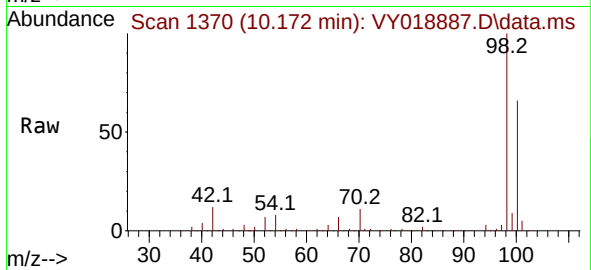
ClientSampleId :

Tgt Ion: 98 Resp: 161995

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.372 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.116 min

Lab File: VY018887.D

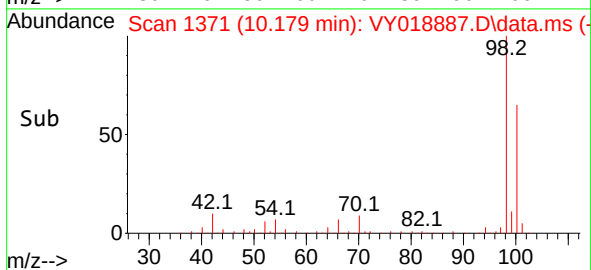
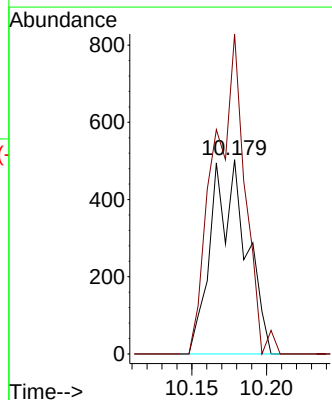
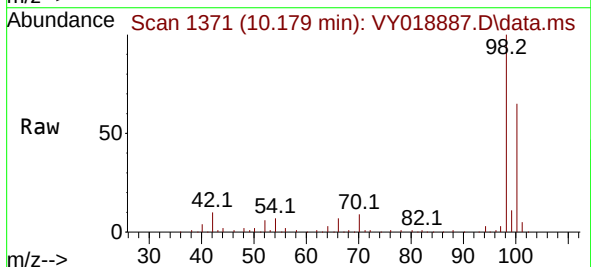
Acq: 22 Jul 2024 13:31

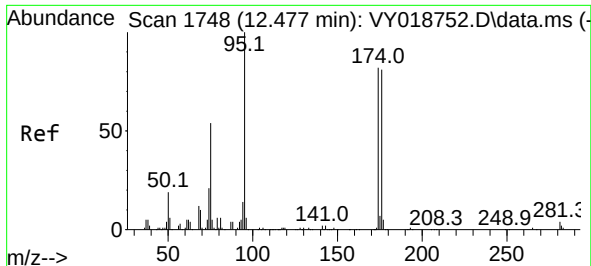
Tgt Ion: 43 Resp: 809

Ion Ratio Lower Upper

43 100

58 146.4 35.7 53.5#

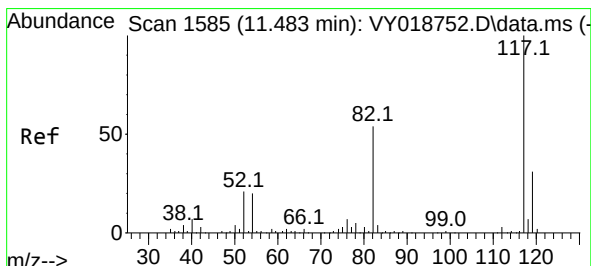
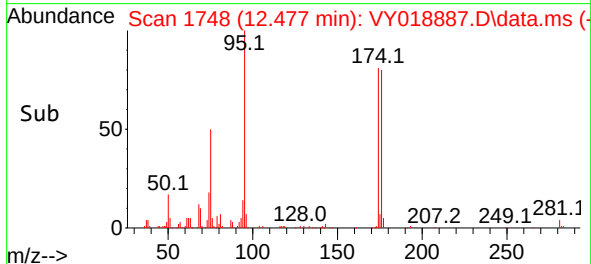
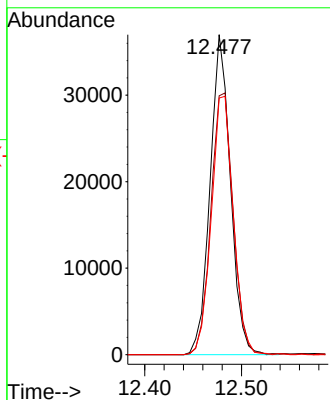
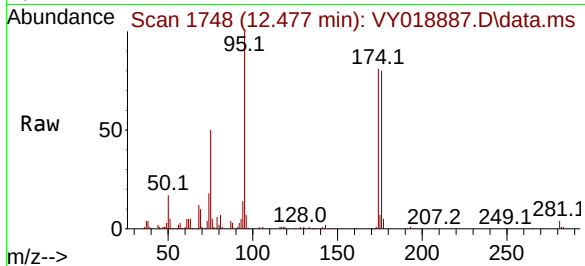




#62
4-Bromofluorobenzene
Concen: 41.232 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

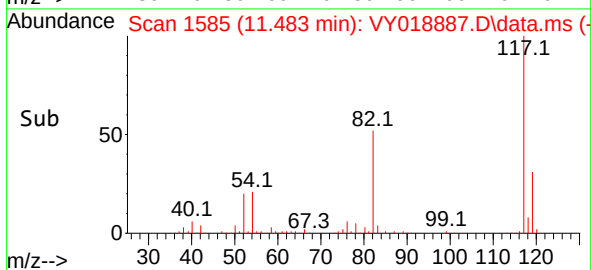
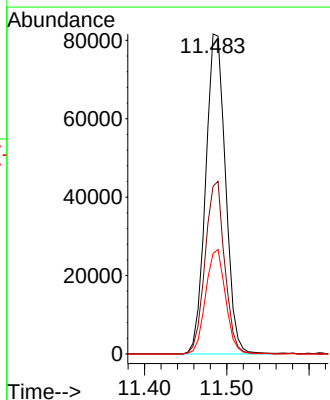
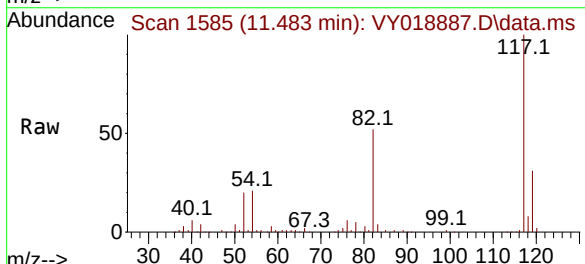
Instrument :
MSVOA_Y
ClientSampleId :

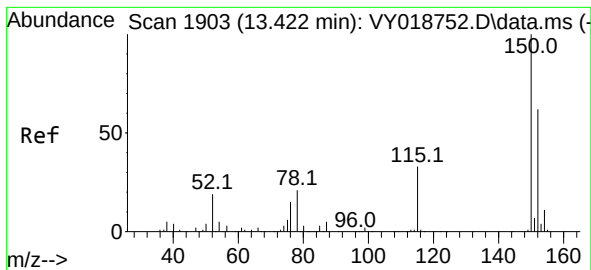
Tgt Ion:	95	Resp:	53982
Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	175.6
176	87.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

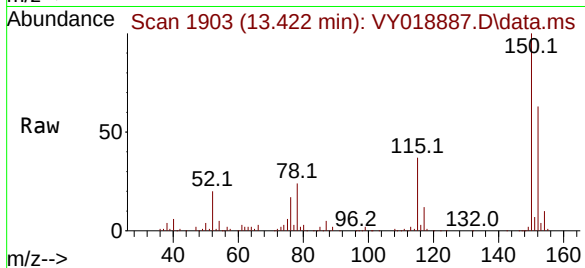
Tgt Ion:	117	Resp:	136924
Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.4	63.6
119	31.4	25.9	38.9



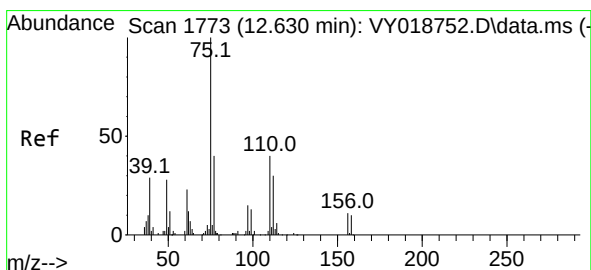
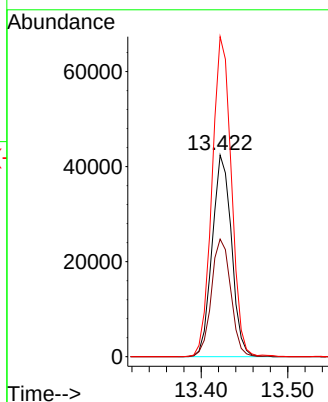
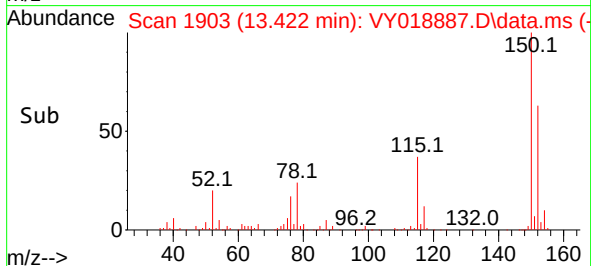


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :

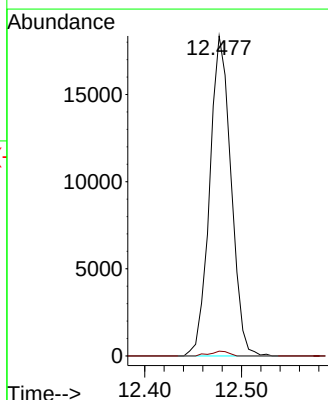
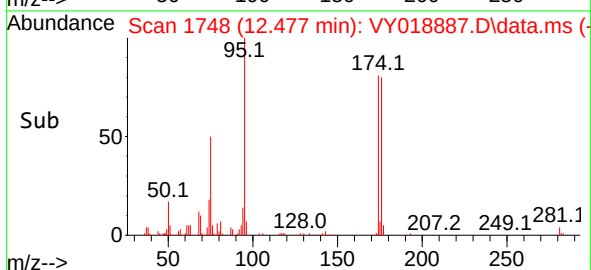
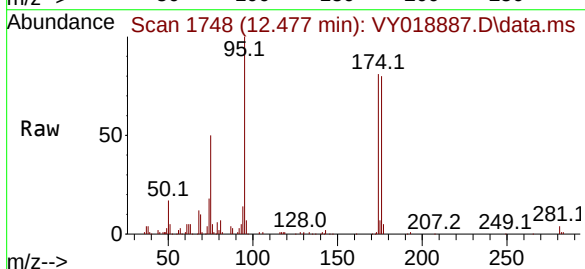


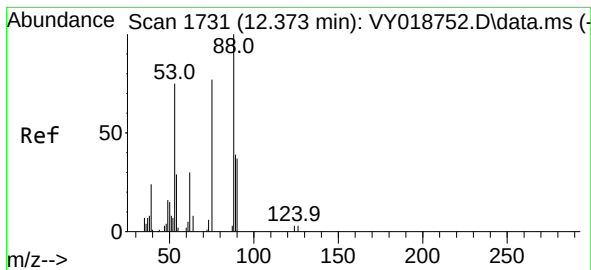
Tgt Ion:152 Resp: 65817
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 158.9 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 54.756 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

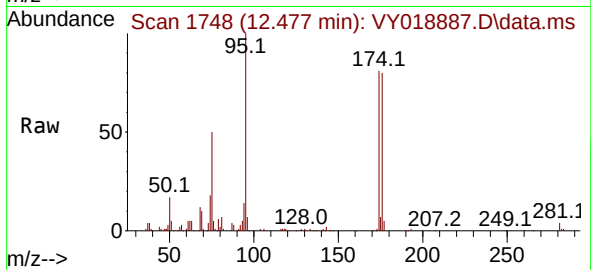
Tgt Ion: 75 Resp: 28226
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.546 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY018887.D
Acq: 22 Jul 2024 13:31

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#

