

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020540.D
 Acq On : 06 Dec 2024 16:41
 Operator : SY/MD
 Sample : P5096-03
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 03:27:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

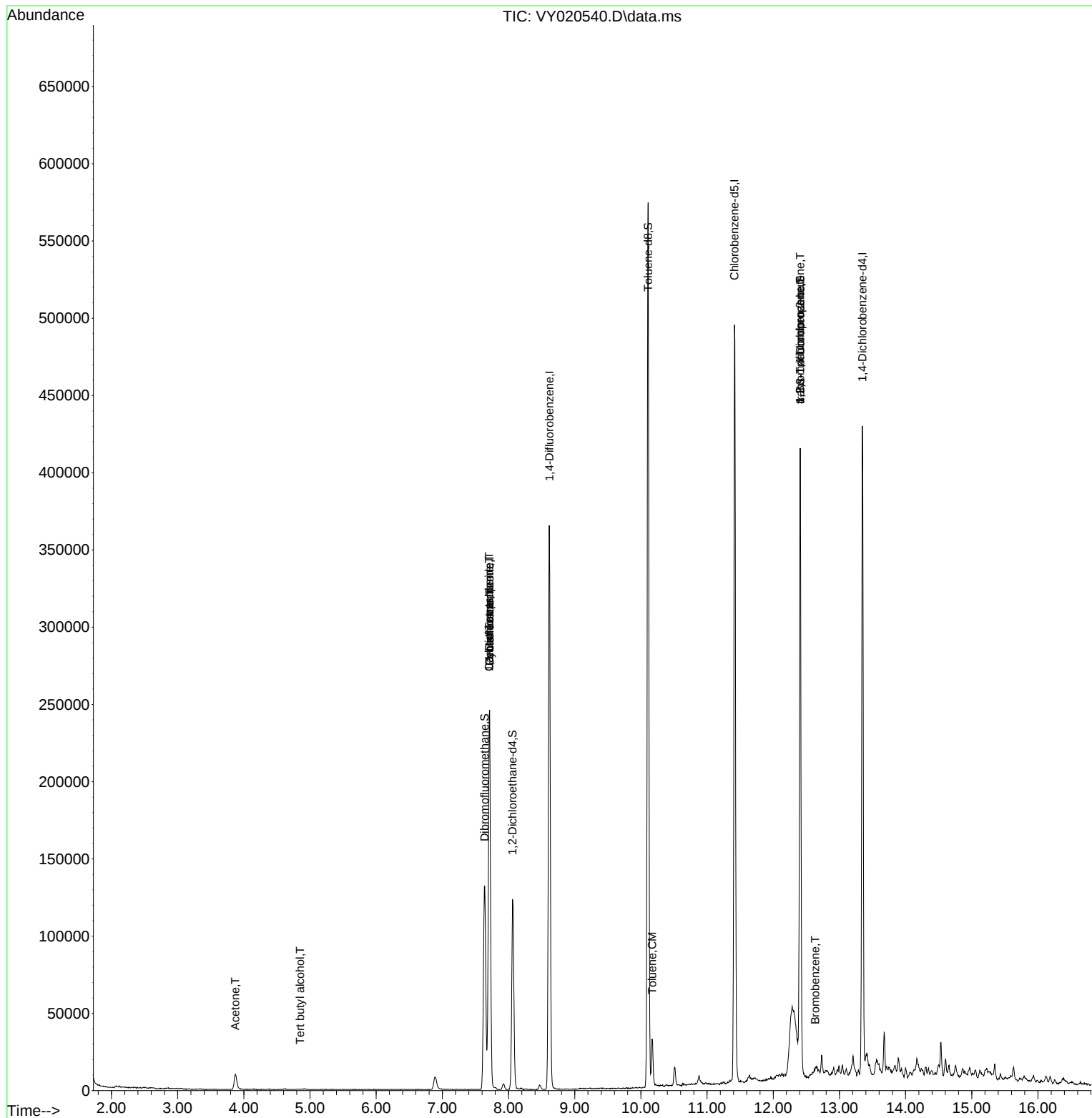
Internal Standards						
1) Pentafluorobenzene	7.713	168	185596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	311988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	267262	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	107848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	100010	52.984	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.960%	
35) Dibromofluoromethane	7.640	113	96742	49.255	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.500%	
50) Toluene-d8	10.109	98	374899	50.127	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	12.407	95	118916	45.461	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	252	2.058	ug/l #	73
16) Acetone	3.872	43	18744	39.937	ug/l	93
31) Cyclohexane	7.713	56	4572	1.229	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	14132	4.261	ug/l #	52
38) Carbon Tetrachloride	7.707	117	19540	4.936	ug/l #	16
52) Toluene	10.170	92	12718	2.084	ug/l	97
76) 1,2,3-Trichloropropane	12.407	75	63556	57.850	ug/l #	100
77) Bromobenzene	12.633	156	4410	2.041	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.407	75	63556	118.700	ug/l #	9

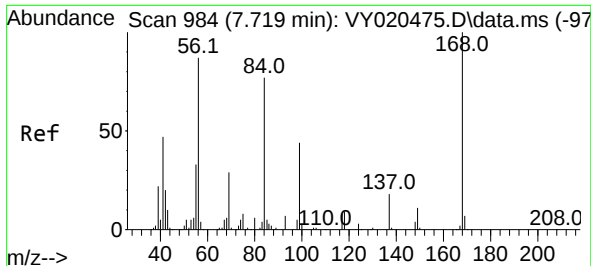
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
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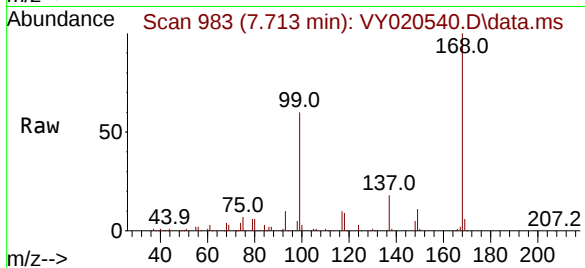
Quant Time: Dec 07 03:27:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration



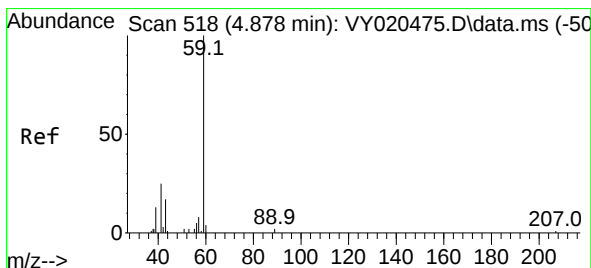
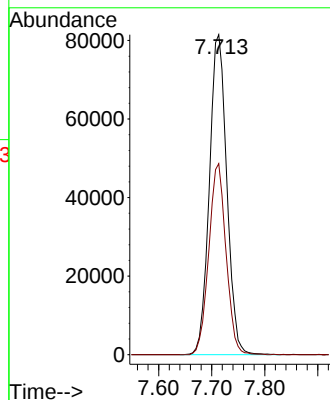
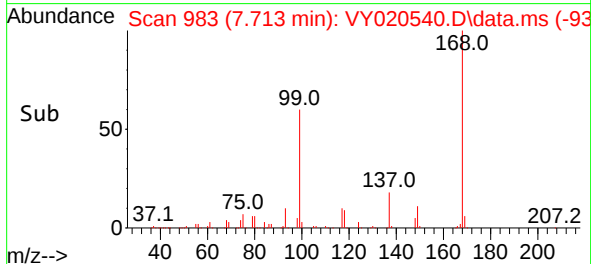


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020540.D
Acq: 06 Dec 2024 16:41

Instrument :
MSVOA_Y
ClientSampleId :

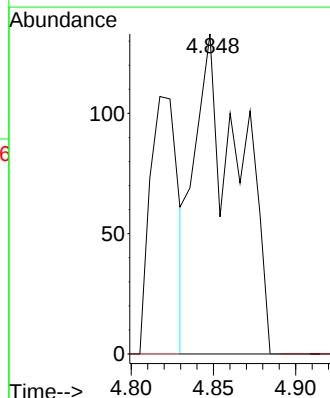
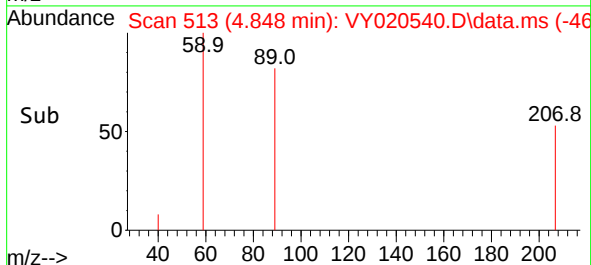
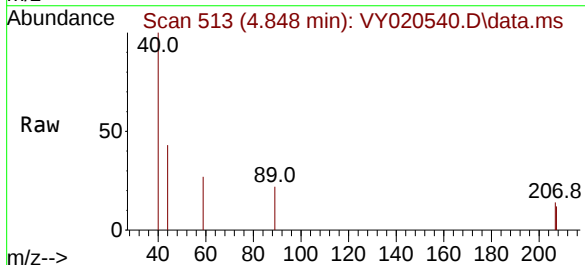


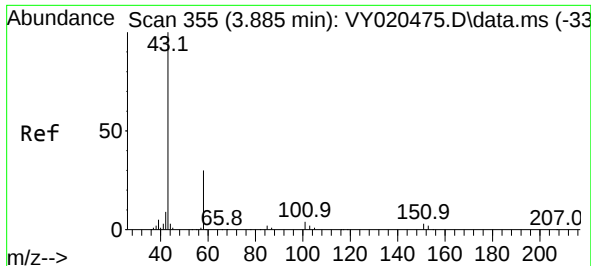
Tgt Ion:168 Resp: 185596
Ion Ratio Lower Upper
168 100
99 59.7 46.6 69.8



#11
Tert butyl alcohol
Concen: 2.058 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.031 min
Lab File: VY020540.D
Acq: 06 Dec 2024 16:41

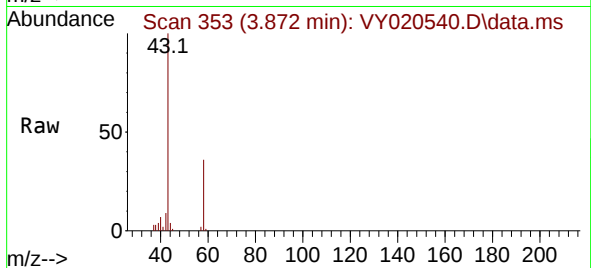
Tgt Ion: 59 Resp: 252
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



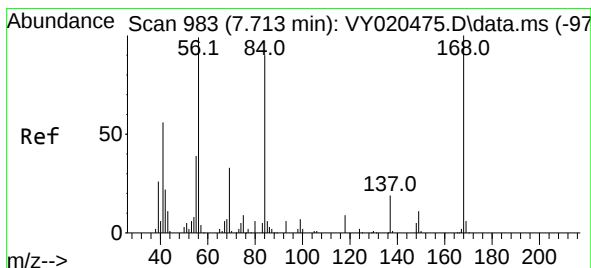
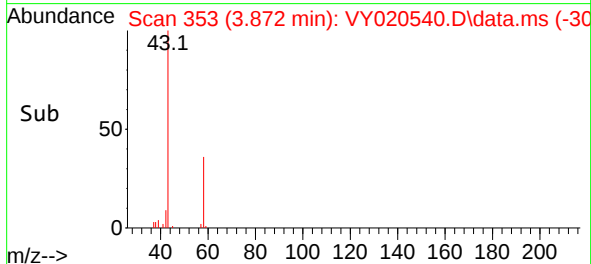
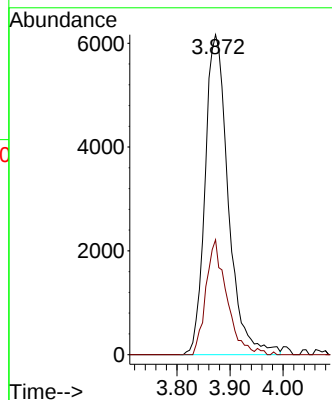


#16
Acetone
Concen: 39.937 ug/l
RT: 3.872 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY020540.D
Acq: 06 Dec 2024 16:41

Instrument :
MSVOA_Y
ClientSampleId :

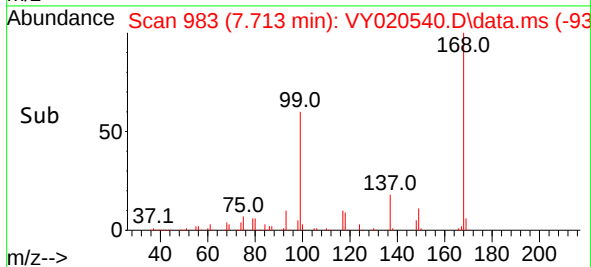
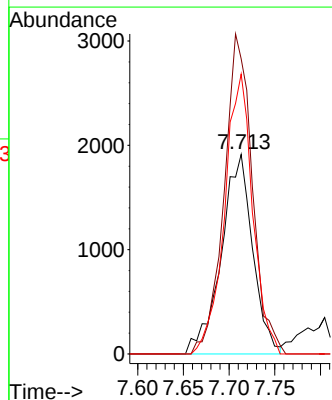
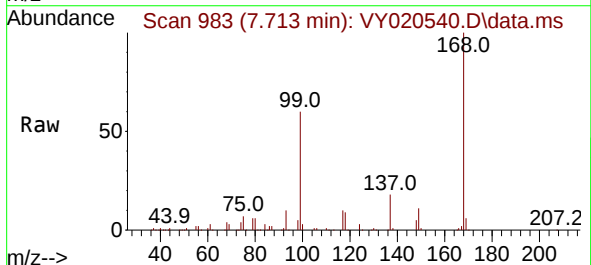


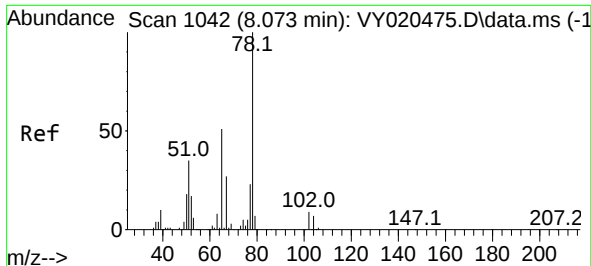
Tgt Ion: 43 Resp: 18744
Ion Ratio Lower Upper
43 100
58 35.9 25.7 38.5



#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.000 min
Lab File: VY020540.D
Acq: 06 Dec 2024 16:41

Tgt Ion: 56 Resp: 4572
Ion Ratio Lower Upper
56 100
69 147.9 25.3 37.9#
84 140.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 52.984 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020540.D

Acq: 06 Dec 2024 16:41

Instrument :

MSVOA_Y

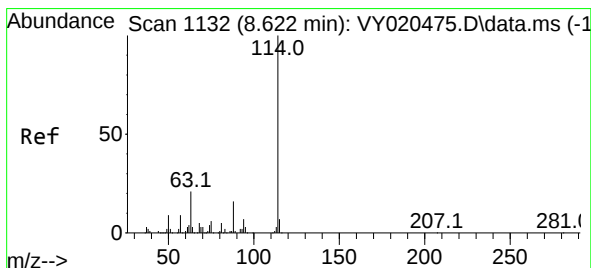
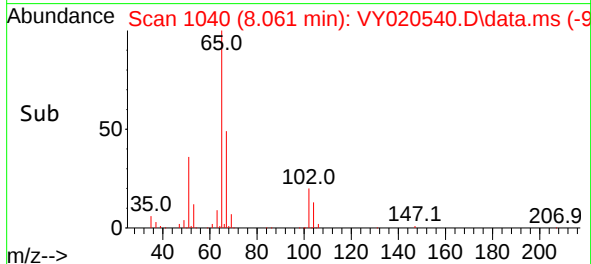
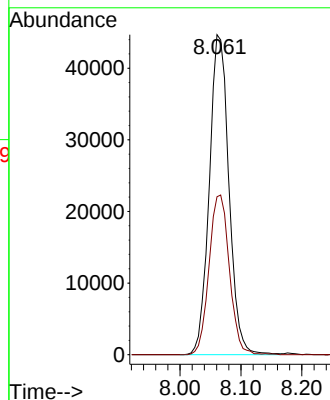
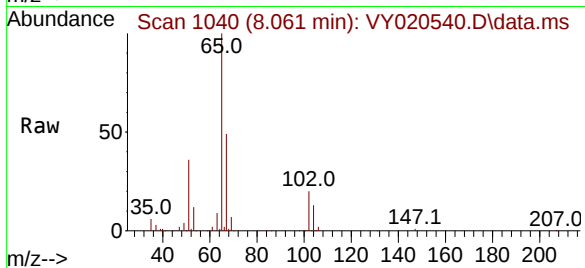
ClientSampleId :

Tgt Ion: 65 Resp: 100010

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY020540.D

Acq: 06 Dec 2024 16:41

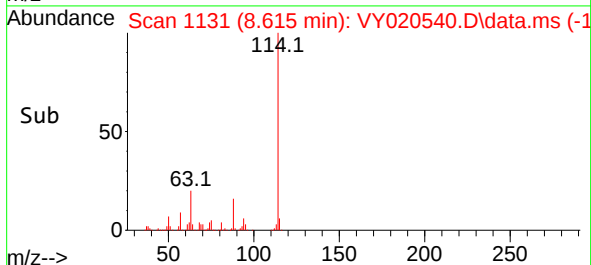
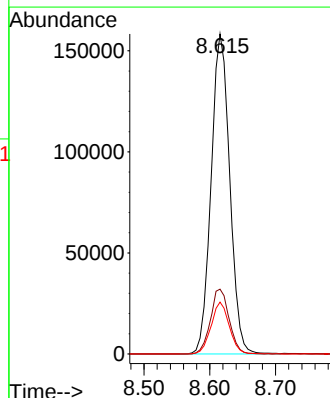
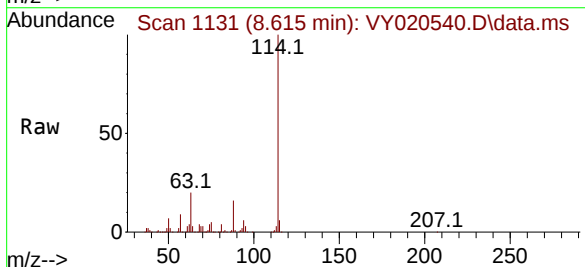
Tgt Ion: 114 Resp: 311988

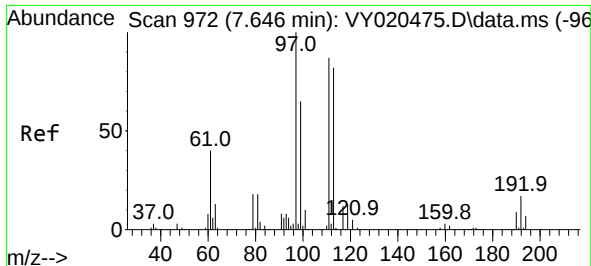
Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.8

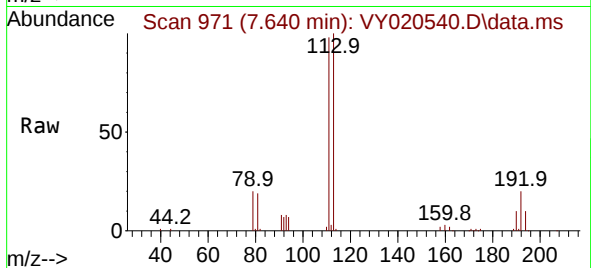
88 16.2 0.0 32.0



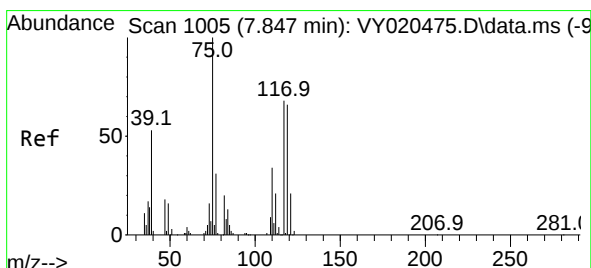
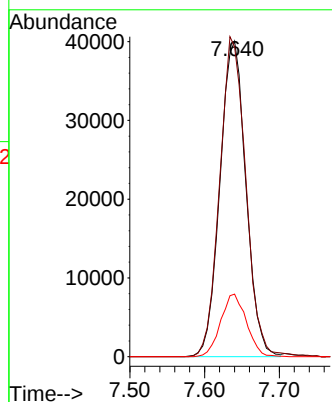
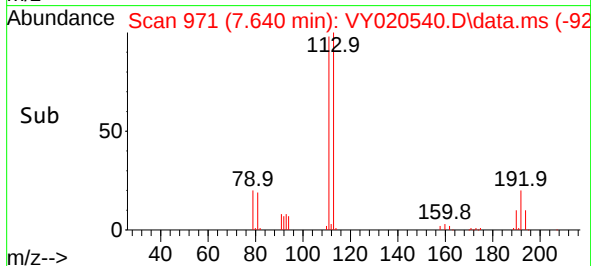


#35
Dibromofluoromethane
Concen: 49.255 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020540.D
Acq: 06 Dec 2024 16:41

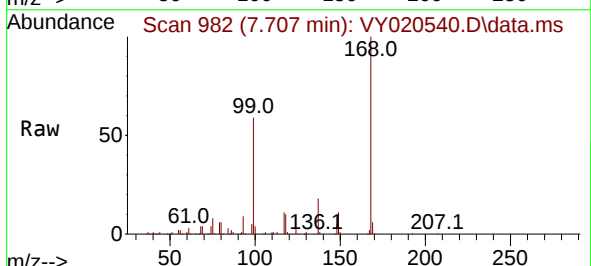
Instrument :
MSVOA_Y
ClientSampleId :



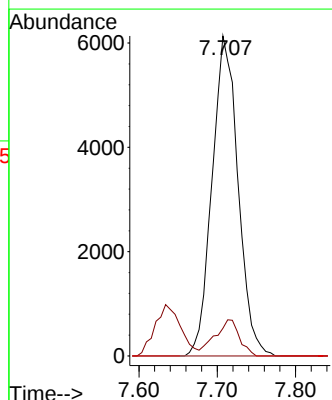
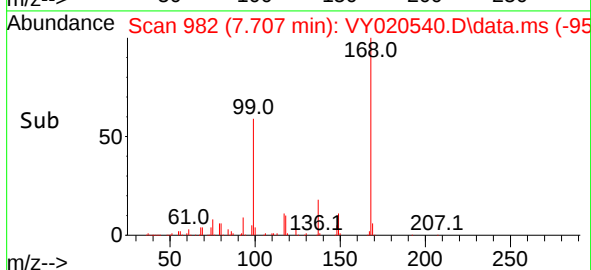
Tgt Ion:113 Resp: 96742
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 19.7 15.1 22.7

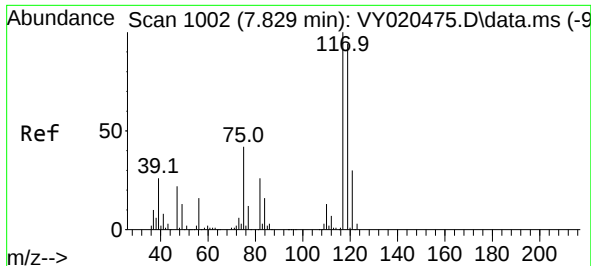


#36
1,1-Dichloropropene
Concen: 4.261 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.140 min
Lab File: VY020540.D
Acq: 06 Dec 2024 16:41



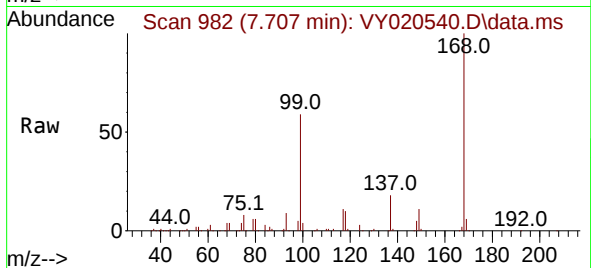
Tgt Ion: 75 Resp: 14132
Ion Ratio Lower Upper
75 100
110 10.6 16.7 50.0#
77 0.0 24.6 36.8#



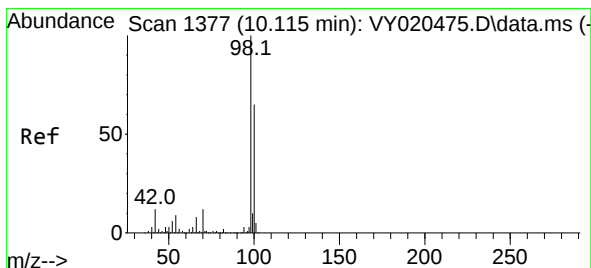
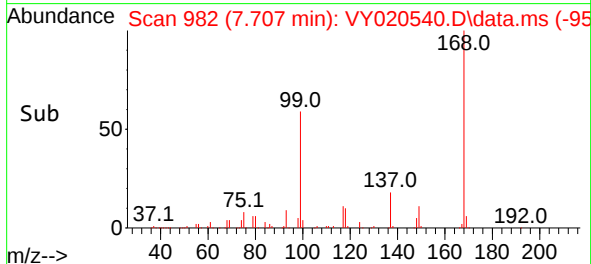
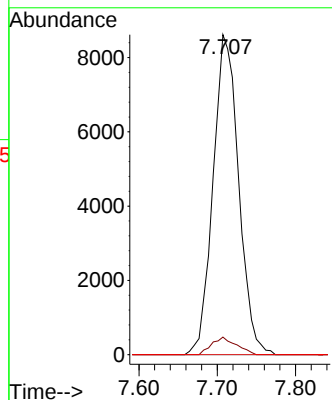


#38
Carbon Tetrachloride
Concen: 4.936 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020540.D
Acq: 06 Dec 2024 16:41

Instrument :
MSVOA_Y
ClientSampleId :

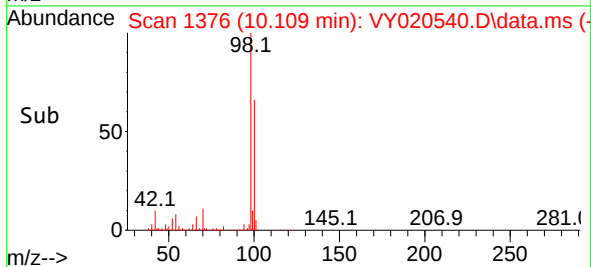
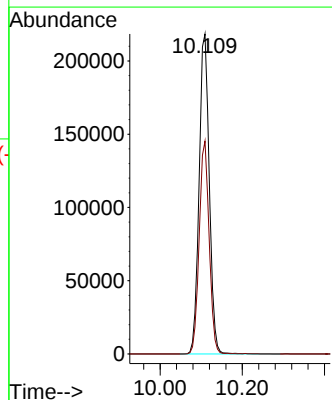
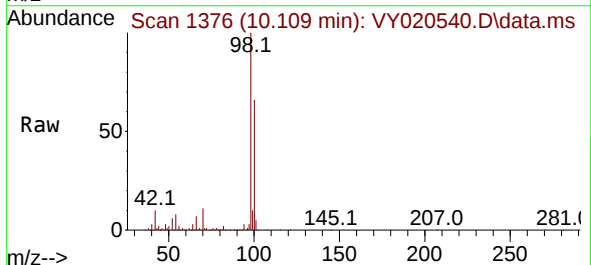


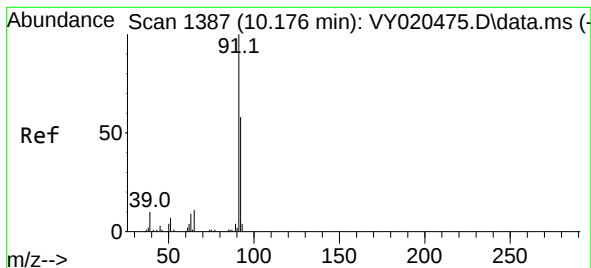
Tgt Ion:117 Resp: 19540
Ion Ratio Lower Upper
117 100
119 5.5 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.127 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020540.D
Acq: 06 Dec 2024 16:41

Tgt Ion: 98 Resp: 374899
Ion Ratio Lower Upper
98 100
100 65.1 51.3 76.9





#52

Toluene

Concen: 2.084 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.006 min

Lab File: VY020540.D

Acq: 06 Dec 2024 16:41

Instrument :

MSVOA_Y

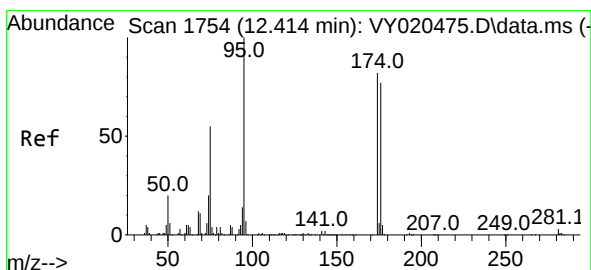
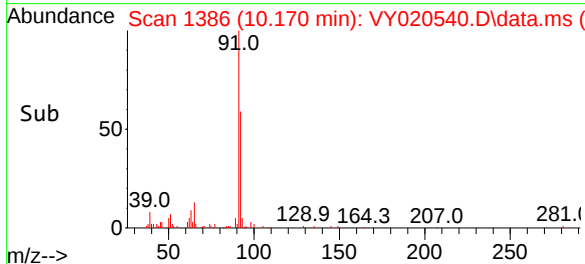
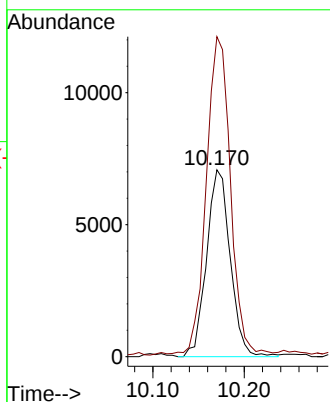
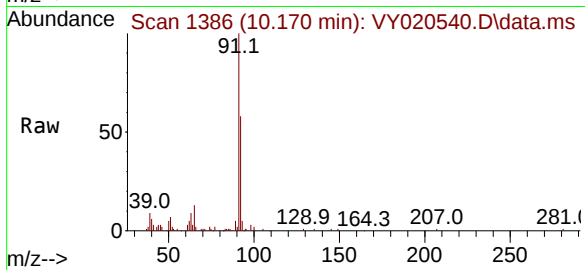
ClientSampleId :

Tgt Ion: 92 Resp: 12718

Ion Ratio Lower Upper

92 100

91 170.3 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 45.461 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020540.D

Acq: 06 Dec 2024 16:41

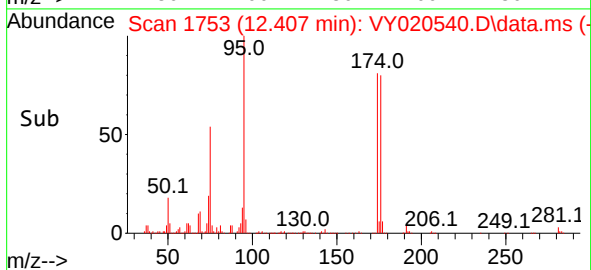
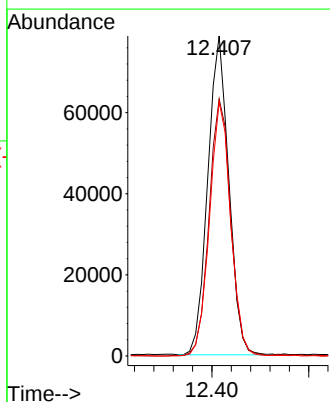
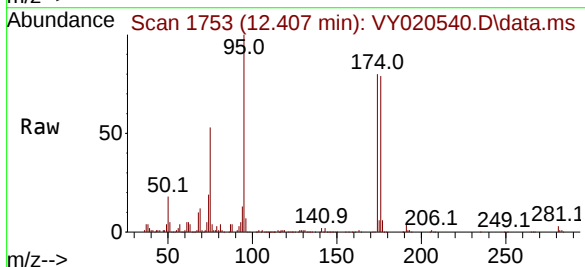
Tgt Ion: 95 Resp: 118916

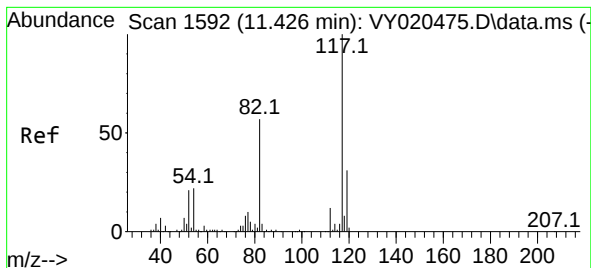
Ion Ratio Lower Upper

95 100

174 82.5 0.0 156.8

176 80.2 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

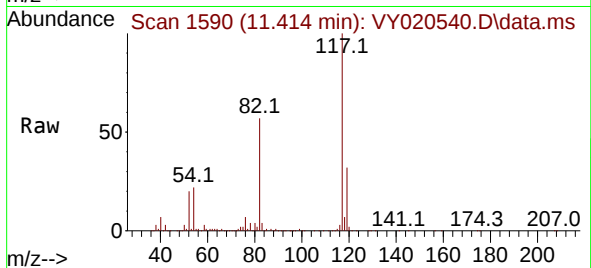
Lab File: VY020540.D

Acq: 06 Dec 2024 16:41

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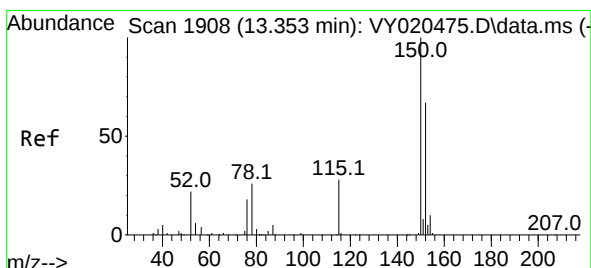
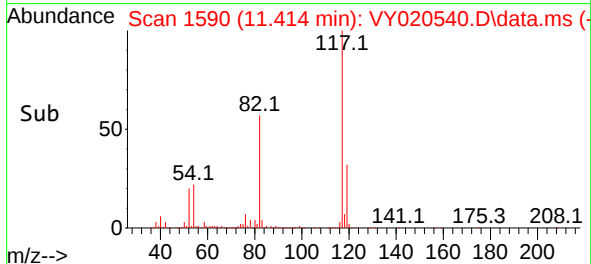
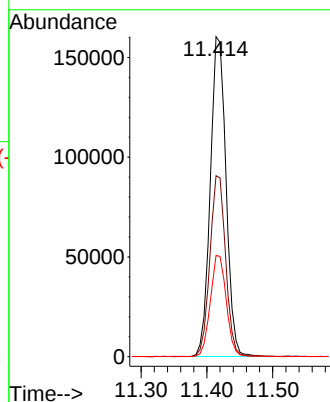
Tgt Ion:117 Resp: 267262

Ion Ratio Lower Upper

117 100

82 56.5 48.2 72.4

119 31.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020540.D

Acq: 06 Dec 2024 16:41

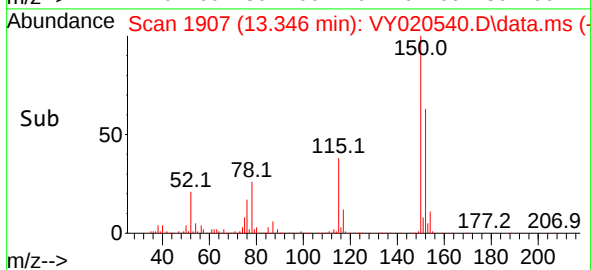
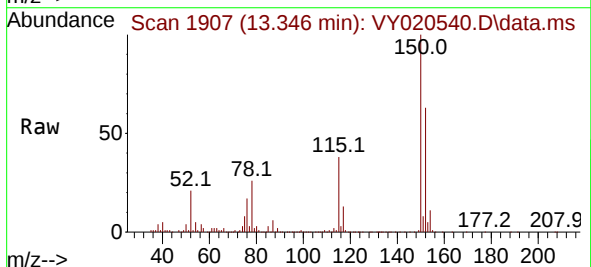
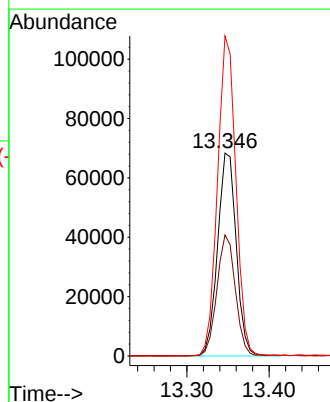
Tgt Ion:152 Resp: 107848

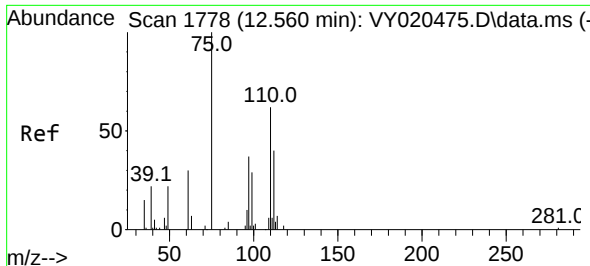
Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 155.2 0.0 348.2

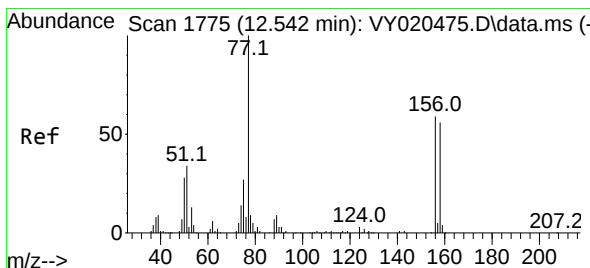
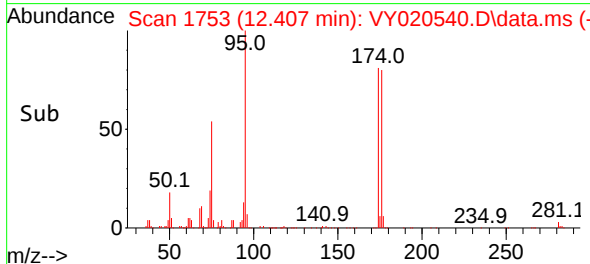
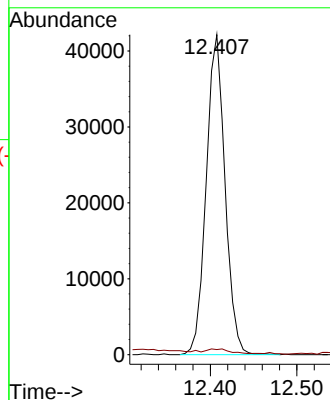
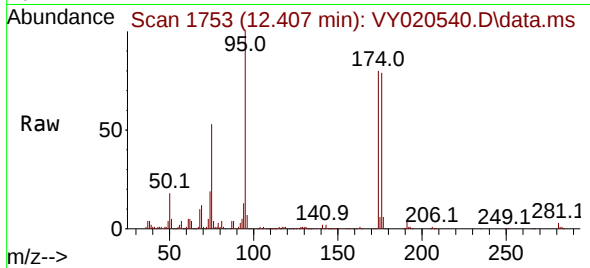




#76
1,2,3-Trichloropropane
Concen: 57.850 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY020540.D
Acq: 06 Dec 2024 16:41

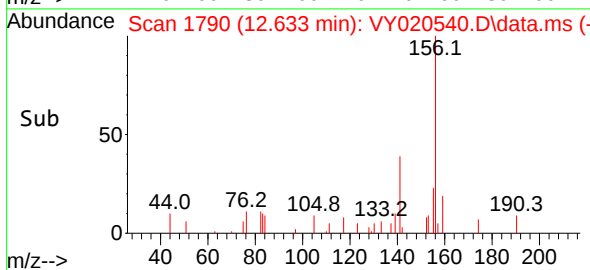
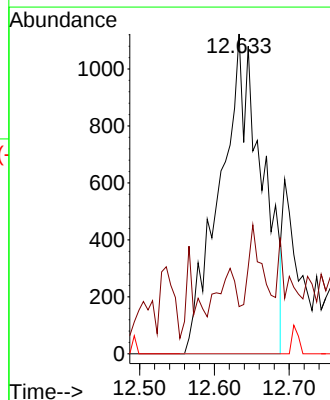
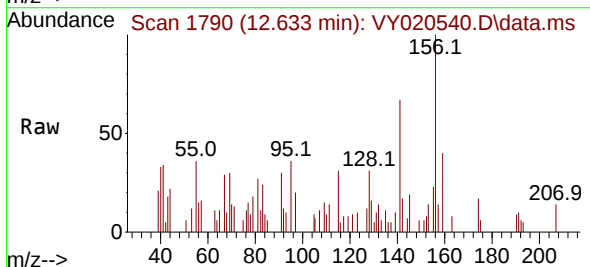
Instrument :
MSVOA_Y
ClientSampleId :

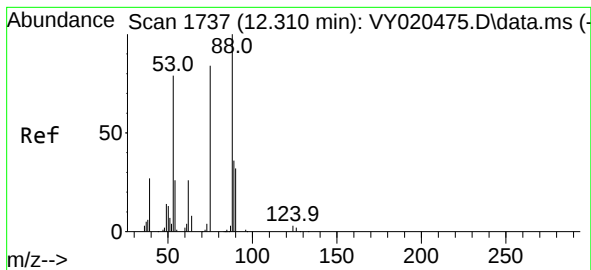
Tgt Ion: 75 Resp: 63556
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#77
Bromobenzene
Concen: 2.041 ug/l
RT: 12.633 min Scan# 1790
Delta R.T. 0.091 min
Lab File: VY020540.D
Acq: 06 Dec 2024 16:41

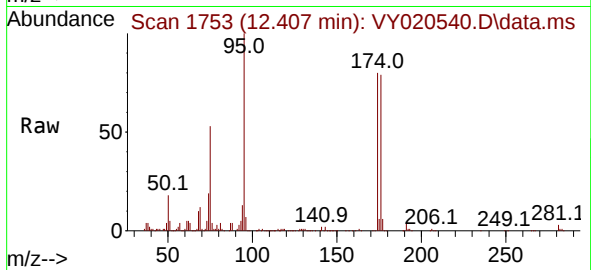
Tgt Ion: 156 Resp: 4410
Ion Ratio Lower Upper
156 100
77 5.9 97.2 291.6#
158 0.0 47.8 143.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.700 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY020540.D
 Acq: 06 Dec 2024 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 63556
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.1 35.1 52.7#

