

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020537.D
 Acq On : 06 Dec 2024 15:30
 Operator : SY/MD
 Sample : P5137-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 03:26:25 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)

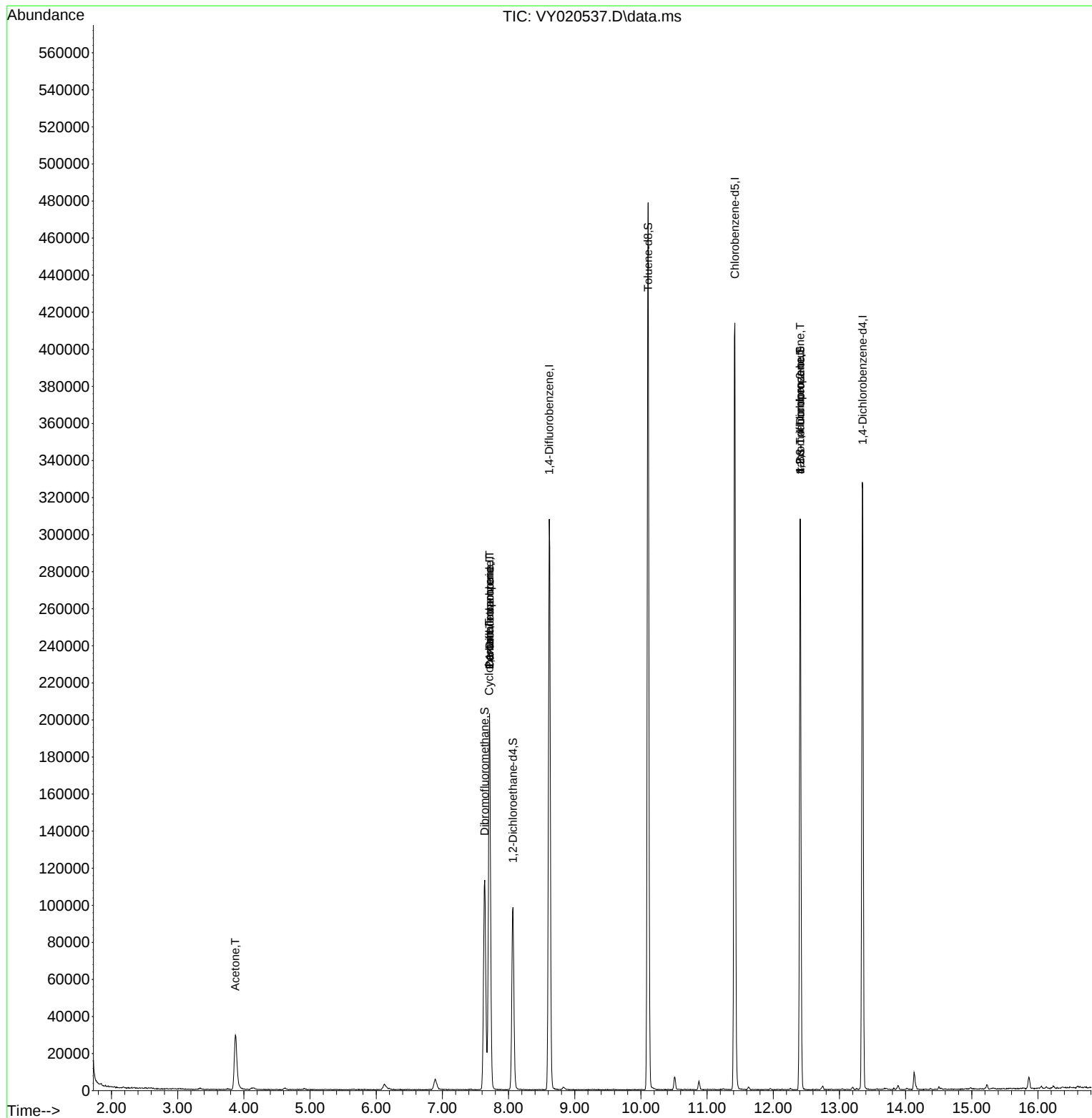
Internal Standards						
1) Pentafluorobenzene	7.713	168	148914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	255678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	214242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	84678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	81499	53.813	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.620%			
35) Dibromofluoromethane	7.640	113	79778	49.563	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.120%			
50) Toluene-d8	10.109	98	308249	50.292	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.407	95	91654	42.756	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 85.520%			
Target Compounds						Qvalue
16) Acetone	3.872	43	55463	147.284	ug/l	94
31) Cyclohexane	7.707	56	3216	1.078	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	12266	4.513	ug/l #	51
38) Carbon Tetrachloride	7.713	117	15967	4.922	ug/l #	15
76) 1,2,3-Trichloropropane	12.407	75	50225	58.225	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	50225	119.469	ug/l #	9

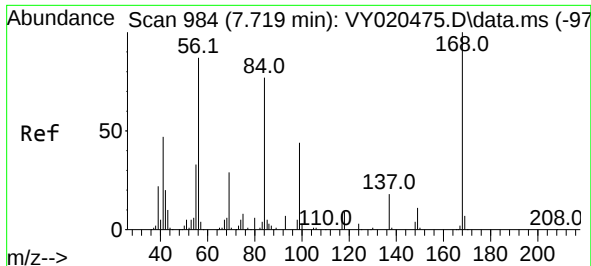
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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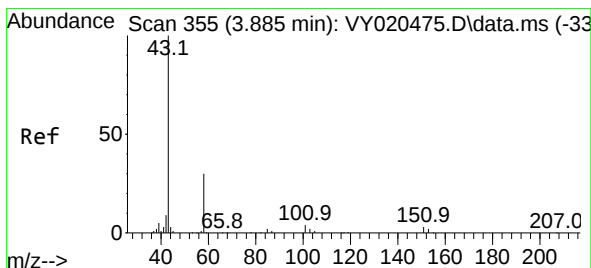
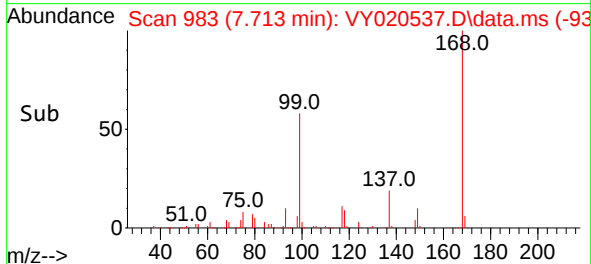
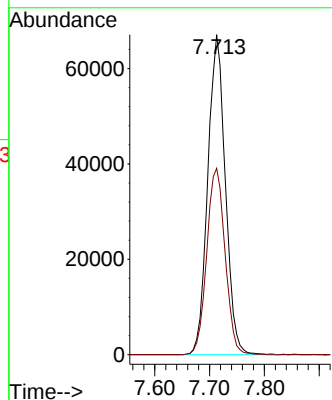
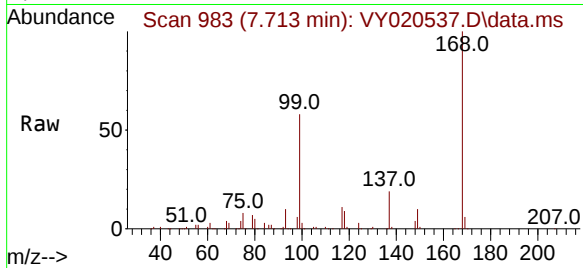




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020537.D
Acq: 06 Dec 2024 15:30

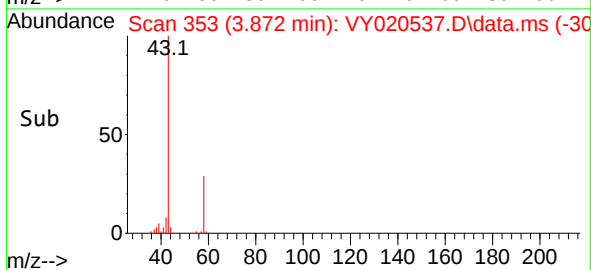
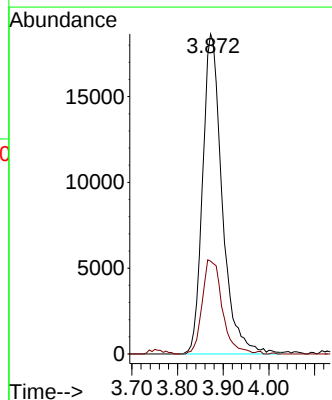
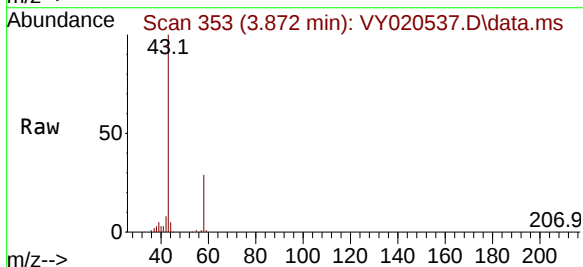
Instrument :
MSVOA_Y
ClientSampleId :

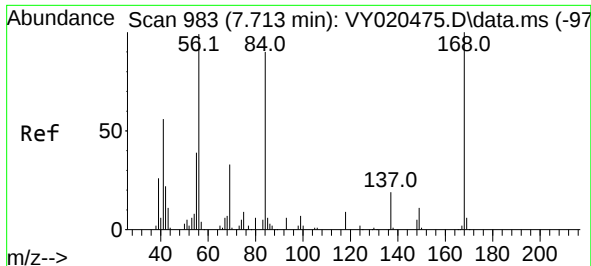
Tgt Ion:168 Resp: 148914
Ion Ratio Lower Upper
168 100
99 58.2 46.6 69.8



#16
Acetone
Concen: 147.284 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.013 min
Lab File: VY020537.D
Acq: 06 Dec 2024 15:30

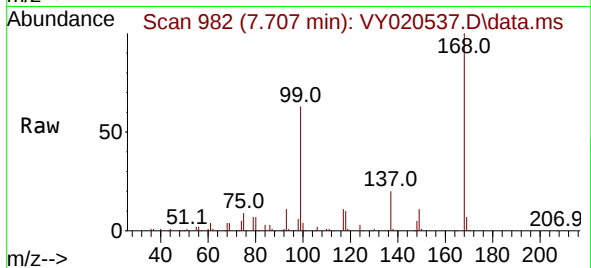
Tgt Ion: 43 Resp: 55463
Ion Ratio Lower Upper
43 100
58 29.0 25.7 38.5



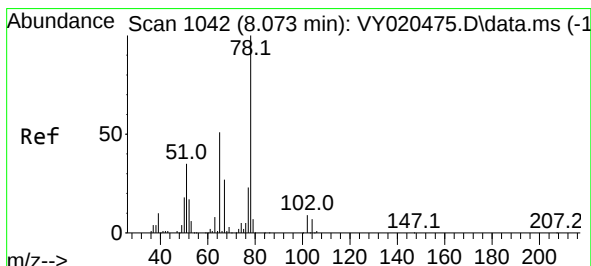
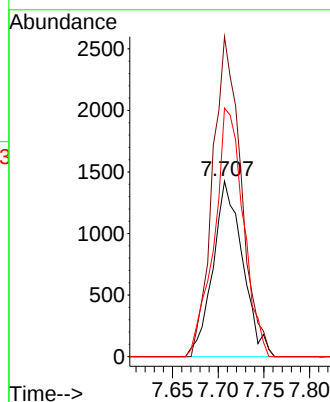
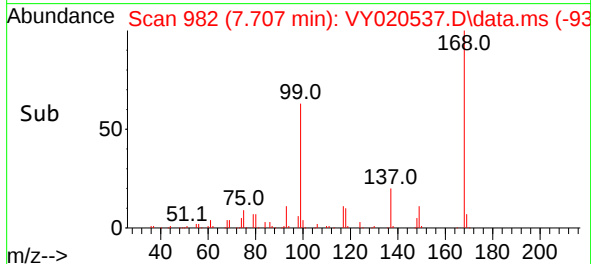


#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.707 min Scan# 983
Delta R.T. -0.007 min
Lab File: VY020537.D
Acq: 06 Dec 2024 15:30

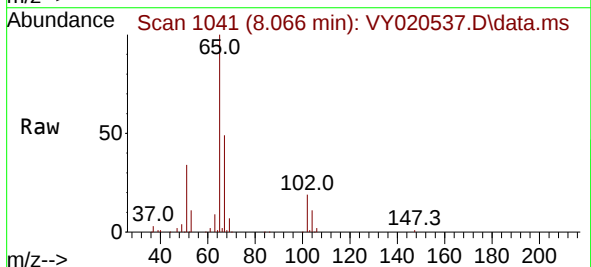
Instrument :
MSVOA_Y
ClientSampleId :



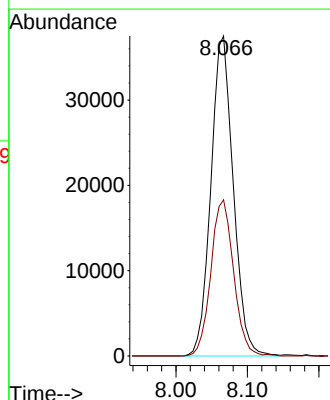
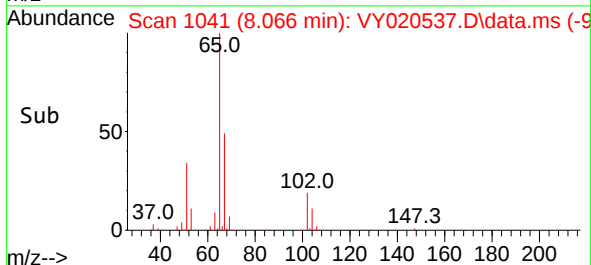
Tgt Ion: 56 Resp: 3216
Ion Ratio Lower Upper
56 100
69 182.3 25.3 37.9#
84 141.6 66.9 100.3#

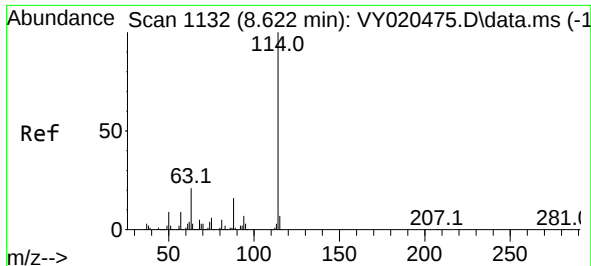


#33
1,2-Dichloroethane-d4
Concen: 53.813 ug/l
RT: 8.066 min Scan# 1041
Delta R.T. -0.007 min
Lab File: VY020537.D
Acq: 06 Dec 2024 15:30



Tgt Ion: 65 Resp: 81499
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.007 min

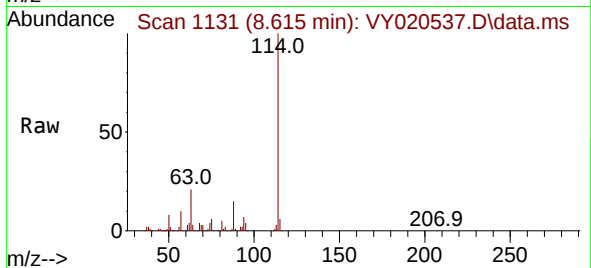
Lab File: VY020537.D

Acq: 06 Dec 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :



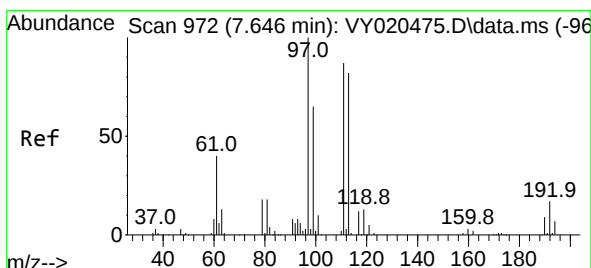
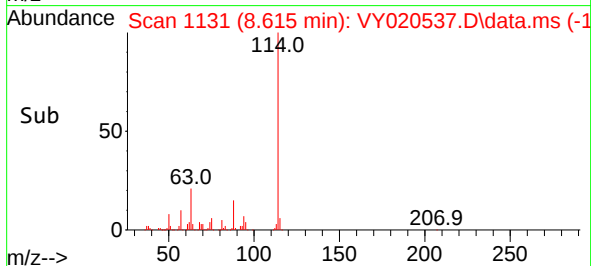
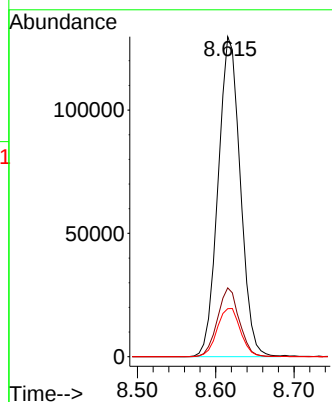
Tgt Ion:114 Resp: 255678

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.8

88 15.0 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.563 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.007 min

Lab File: VY020537.D

Acq: 06 Dec 2024 15:30

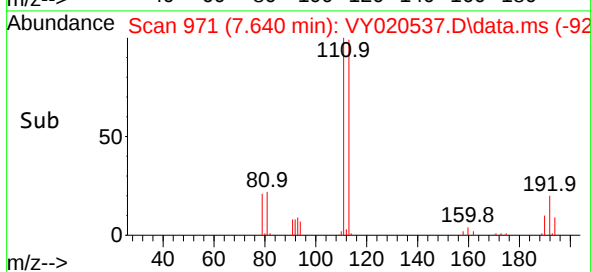
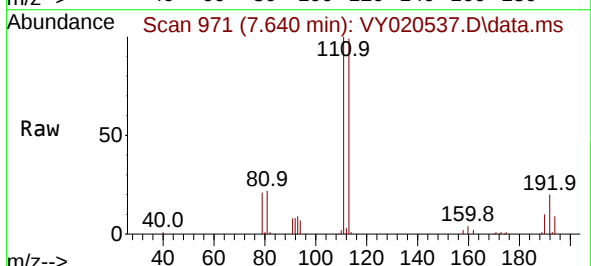
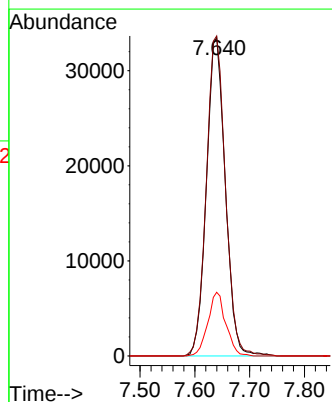
Tgt Ion:113 Resp: 79778

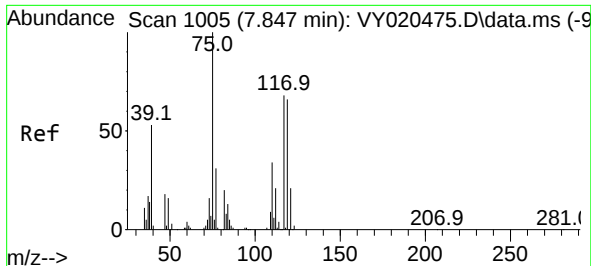
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 19.0 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.513 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.135 min

Lab File: VY020537.D

Acq: 06 Dec 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

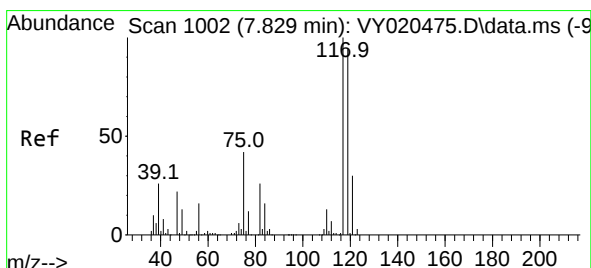
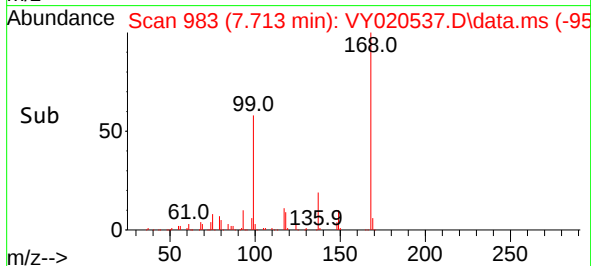
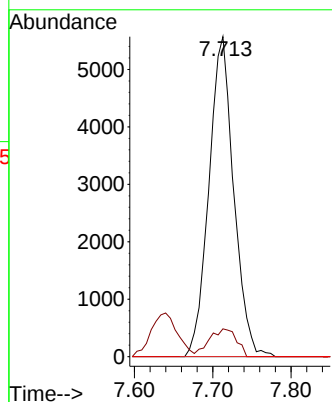
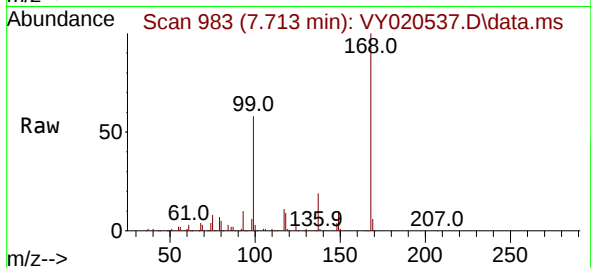
Tgt Ion: 75 Resp: 12266

Ion Ratio Lower Upper

75 100

110 9.5 16.7 50.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.922 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.116 min

Lab File: VY020537.D

Acq: 06 Dec 2024 15:30

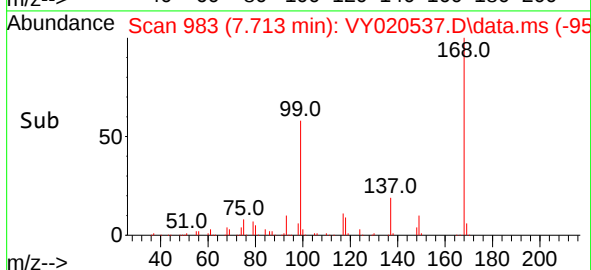
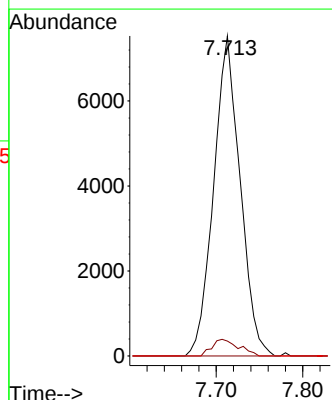
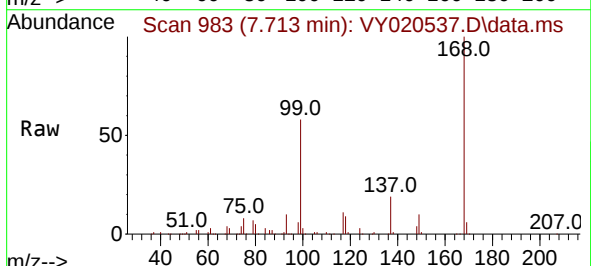
Tgt Ion: 117 Resp: 15967

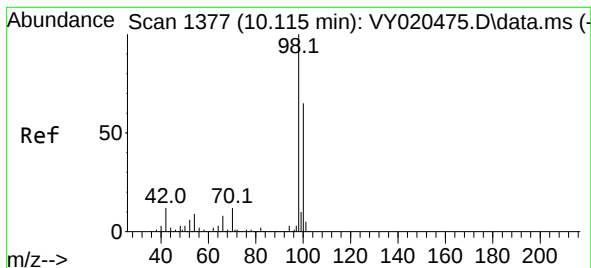
Ion Ratio Lower Upper

117 100

119 4.6 77.8 116.6#

121 0.0 24.6 37.0#

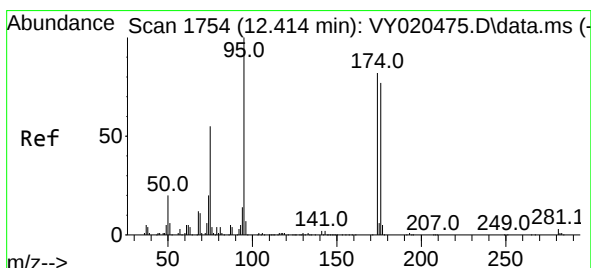
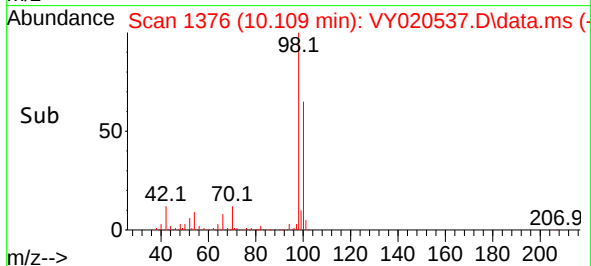
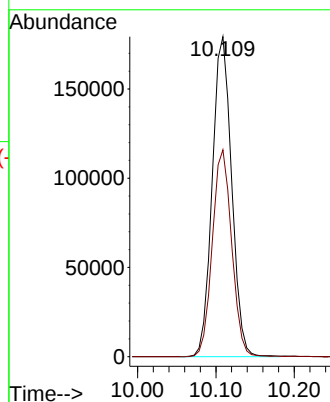
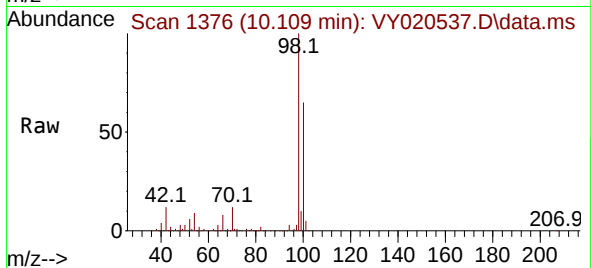




#50
Toluene-d8
Concen: 50.292 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY020537.D
Acq: 06 Dec 2024 15:30

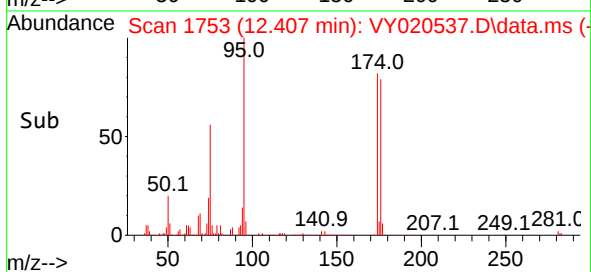
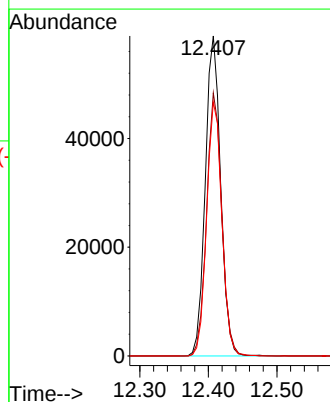
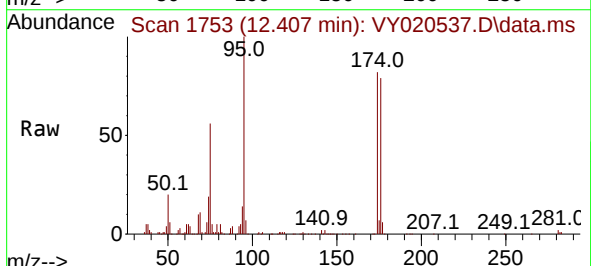
Instrument :
MSVOA_Y
ClientSampleId :

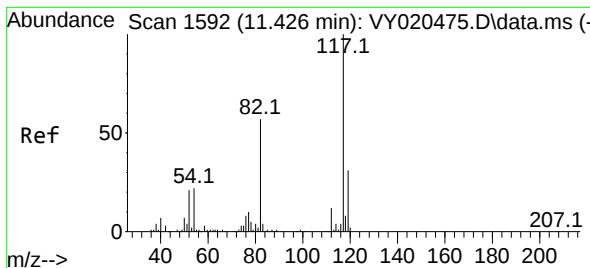
Tgt Ion: 98 Resp: 308249
Ion Ratio Lower Upper
98 100
100 64.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 42.756 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.007 min
Lab File: VY020537.D
Acq: 06 Dec 2024 15:30

Tgt Ion: 95 Resp: 91654
Ion Ratio Lower Upper
95 100
174 81.7 0.0 156.8
176 78.8 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY020537.D

Acq: 06 Dec 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

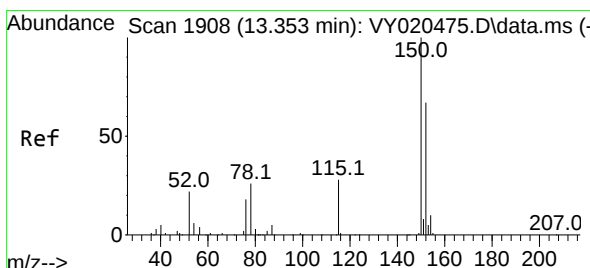
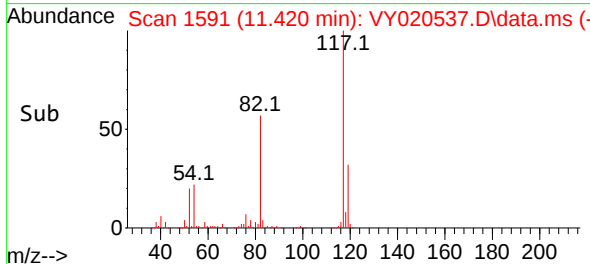
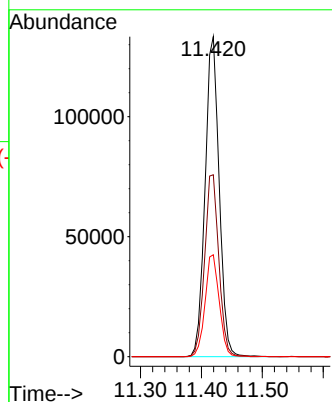
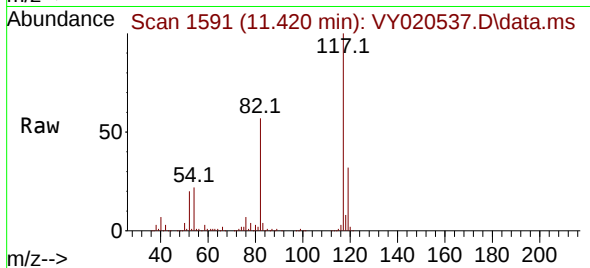
Tgt Ion:117 Resp: 214242

Ion Ratio Lower Upper

117 100

82 56.9 48.2 72.4

119 31.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020537.D

Acq: 06 Dec 2024 15:30

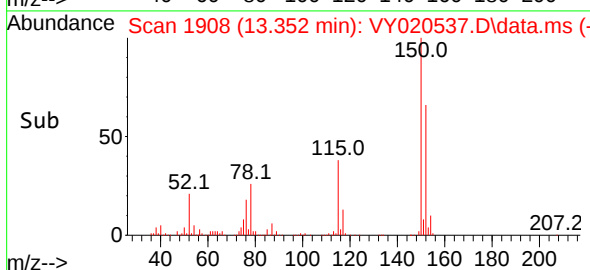
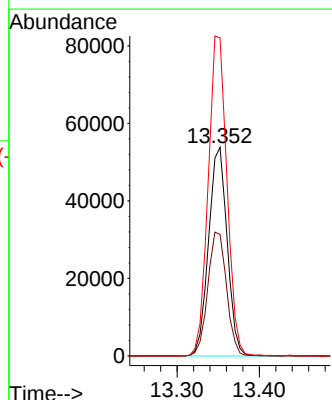
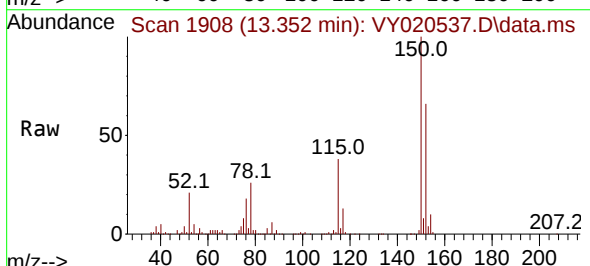
Tgt Ion:152 Resp: 84678

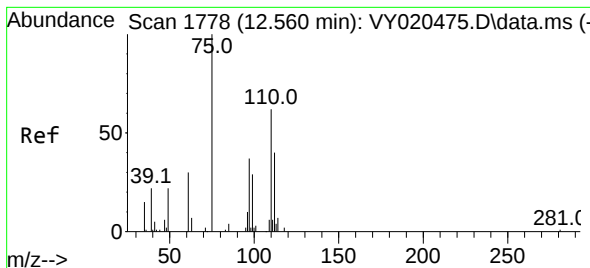
Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 154.6 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 58.225 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY020537.D

Acq: 06 Dec 2024 15:30

Instrument :

MSVOA_Y

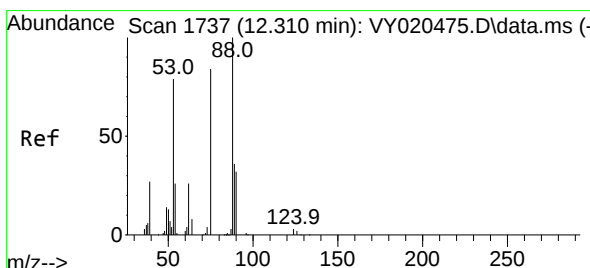
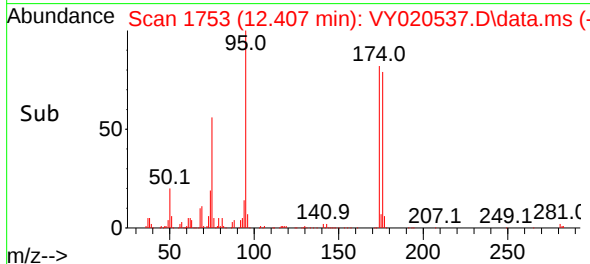
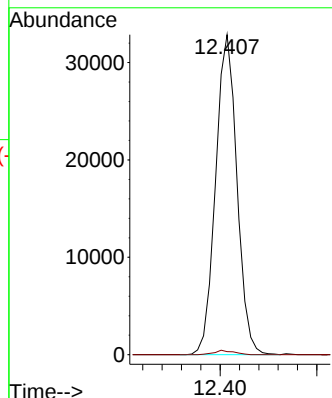
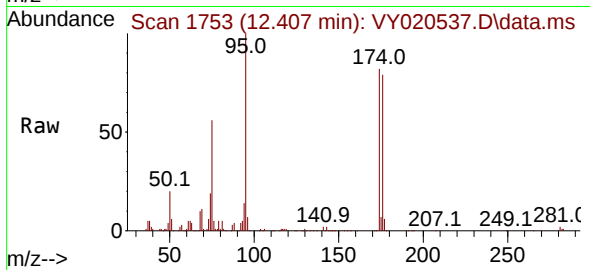
ClientSampleId :

Tgt Ion: 75 Resp: 50225

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 119.469 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.097 min

Lab File: VY020537.D

Acq: 06 Dec 2024 15:30

Tgt Ion: 75 Resp: 50225

Ion Ratio Lower Upper

75 100

53 0.0 81.1 121.7#

89 0.0 35.1 52.7#

