

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020532.D
 Acq On : 06 Dec 2024 13:33
 Operator : SY/MD
 Sample : P5112-01
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10TH-ST-SOIL

Quant Time: Dec 07 03:24:46 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	7.719	168	150239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	255398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	189172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	54408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	78795	51.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.140%
35) Dibromofluoromethane	7.646	113	79914	49.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.400%
50) Toluene-d8	10.115	98	305761	49.941	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.414	95	71693	33.481	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	66.960%

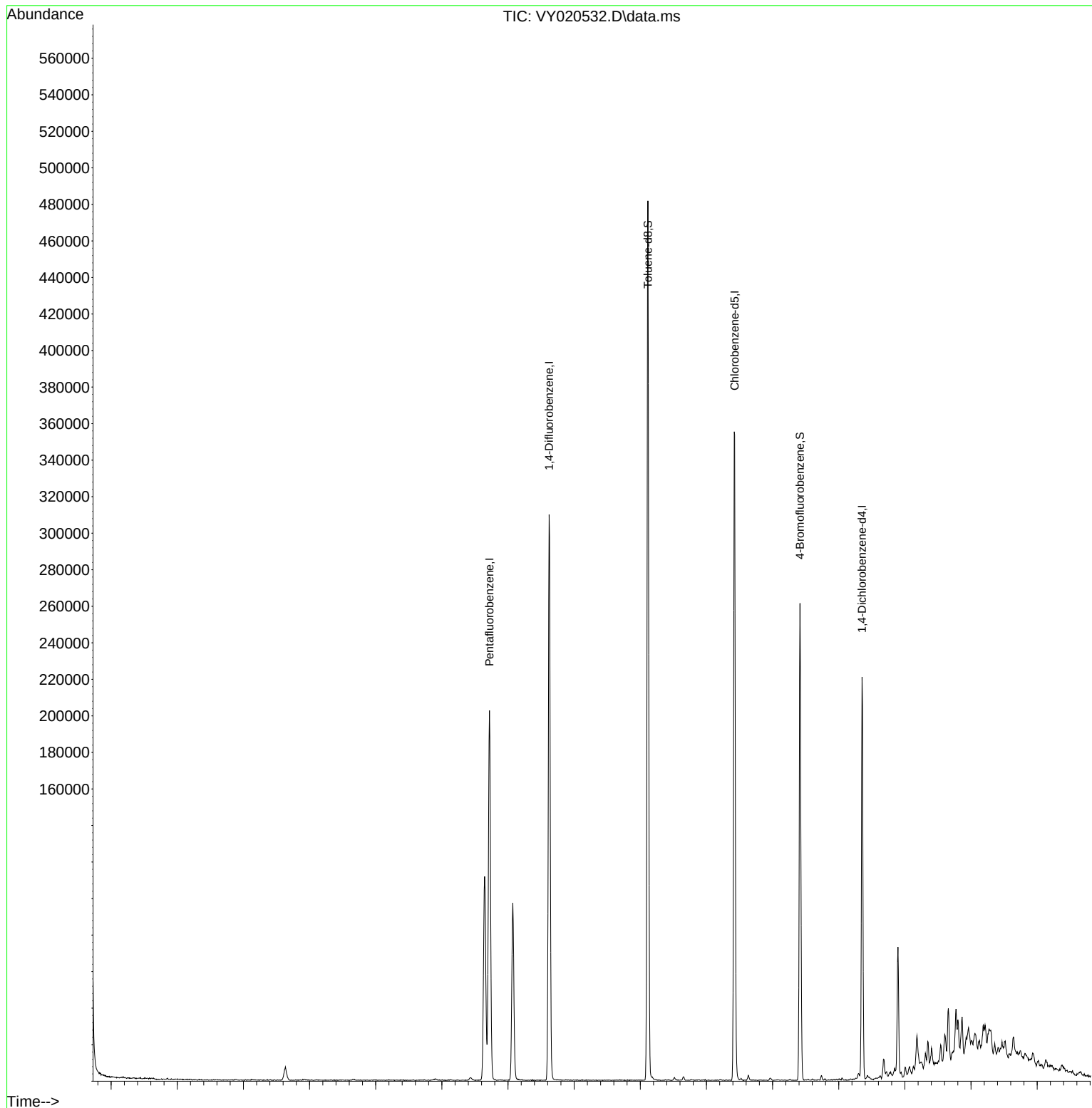
Target Compounds Qvalue

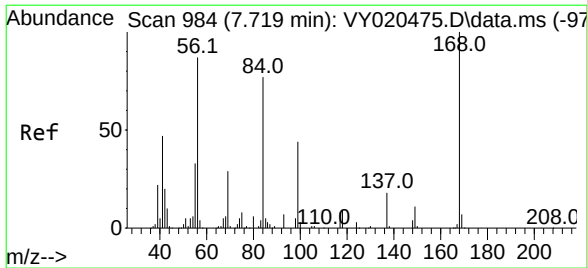
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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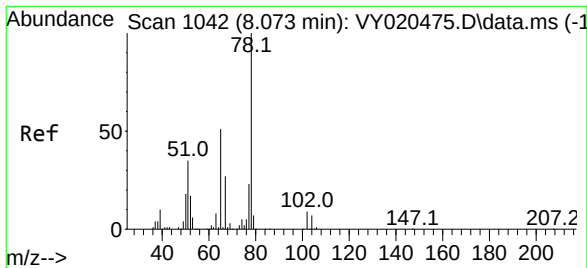
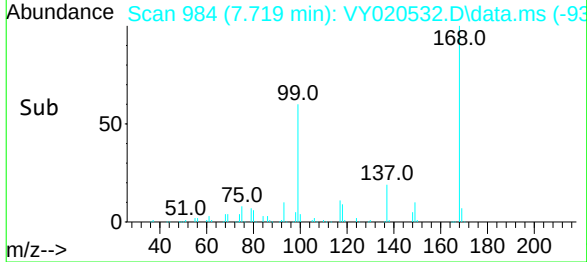
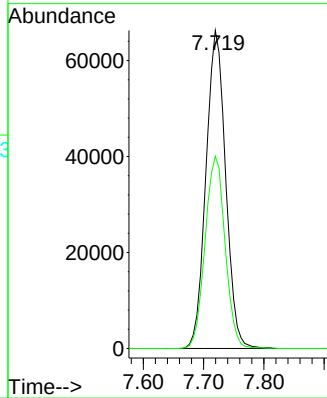
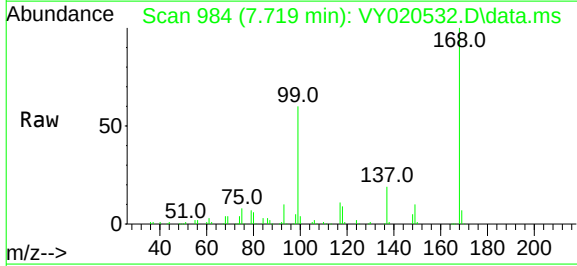




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

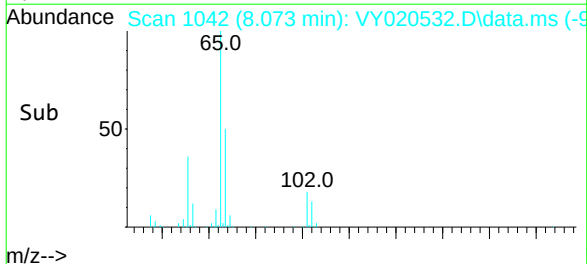
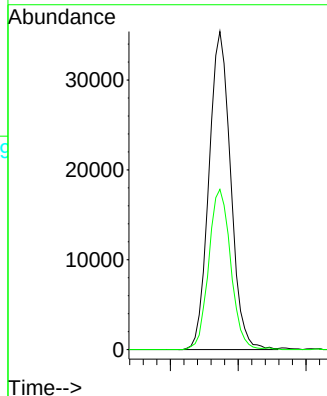
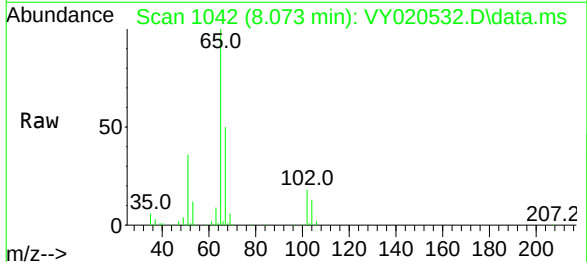
Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SOIL

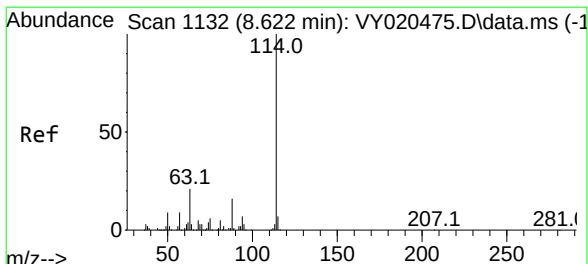
Tgt Ion:168 Resp: 150239
Ion Ratio Lower Upper
168 100
99 60.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 51.569 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY020532.D
Acq: 06 Dec 2024 13:33

Tgt Ion: 65 Resp: 78795
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.8

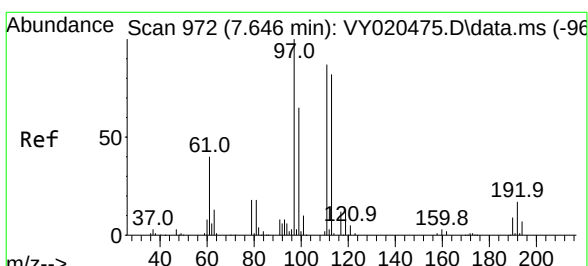
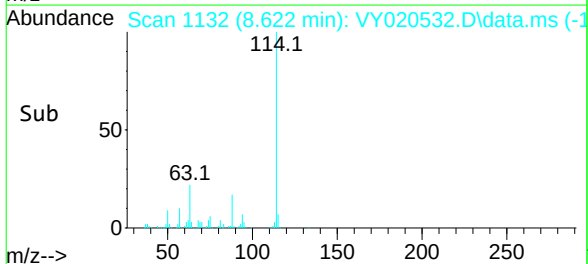
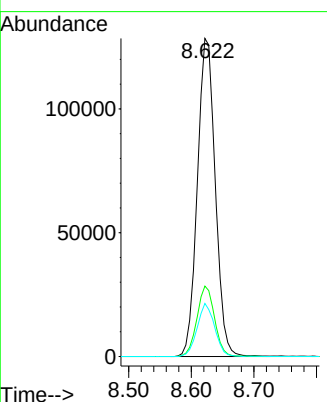
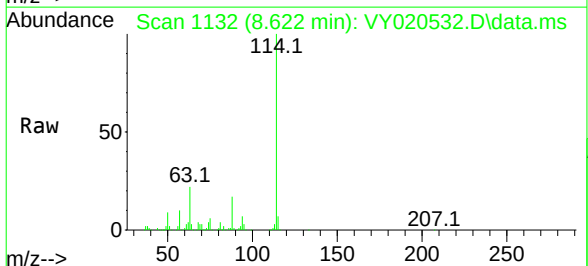




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY020532.D
 Acq: 06 Dec 2024 13:33

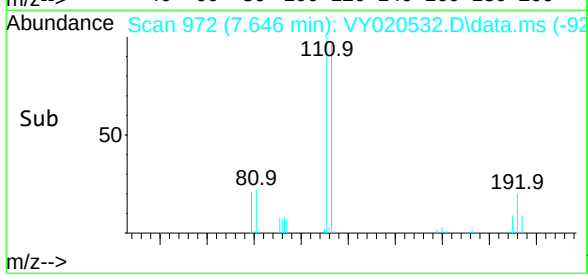
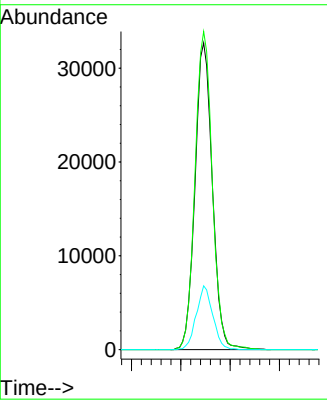
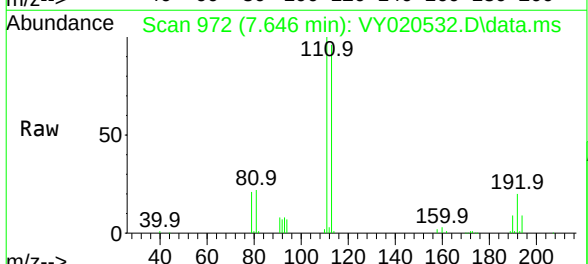
Instrument :
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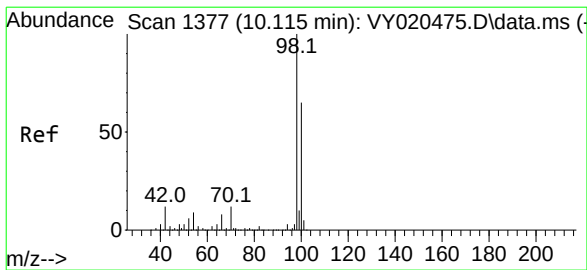
Tgt Ion:	114	Resp:	255398
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.8
88	16.7	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.702 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. -0.000 min
 Lab File: VY020532.D
 Acq: 06 Dec 2024 13:33

Tgt Ion:	113	Resp:	79914
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	19.8	15.1	22.7





#50

Toluene-d8

Concen: 49.941 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VY020532.D

Acq: 06 Dec 2024 13:33

Instrument :

MSVOA_Y

ClientSampleId :

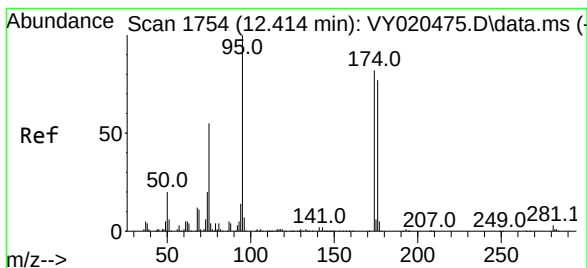
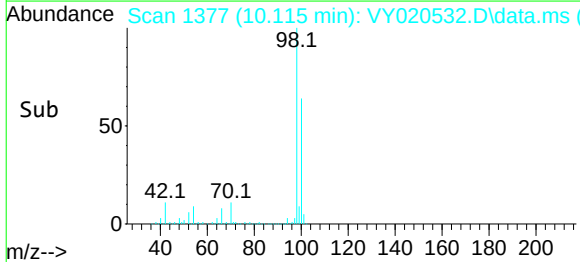
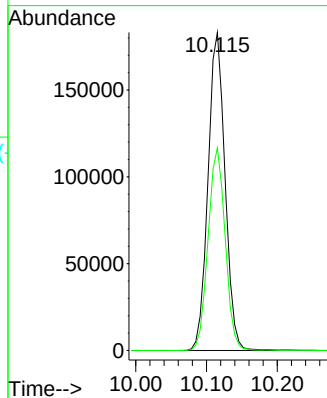
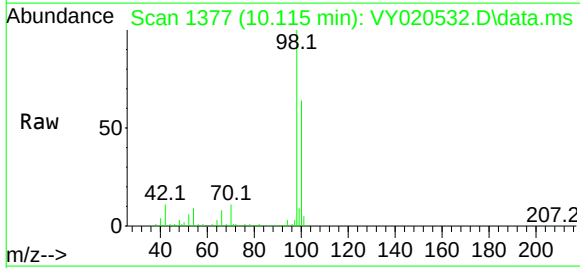
10TH-ST-SOIL

Tgt Ion: 98 Resp: 305761

Ion Ratio Lower Upper

98 100

100 64.0 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 33.481 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020532.D

Acq: 06 Dec 2024 13:33

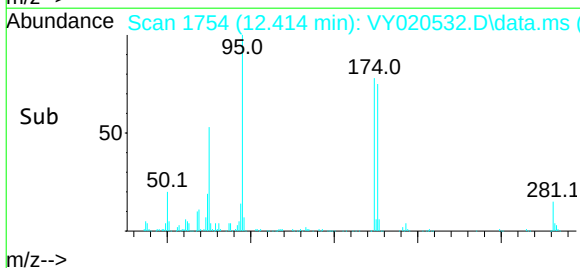
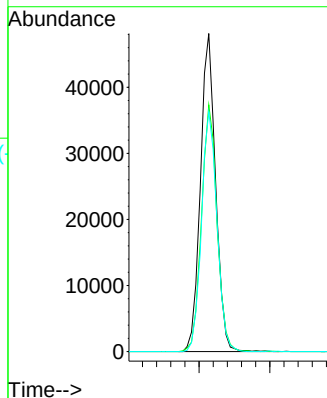
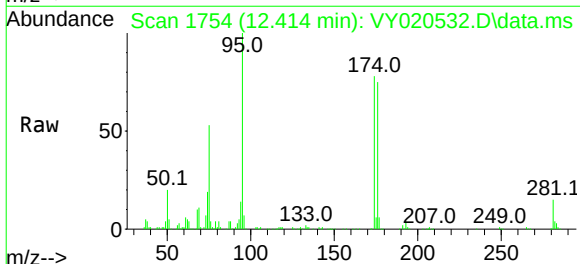
Tgt Ion: 95 Resp: 71693

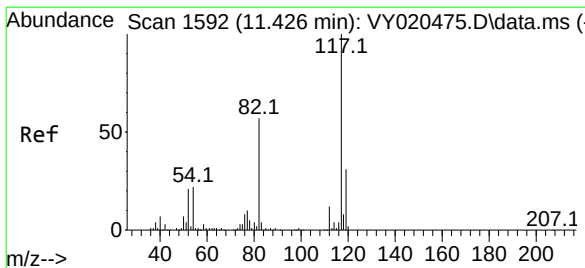
Ion Ratio Lower Upper

95 100

174 79.1 0.0 156.8

176 76.8 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. -0.000 min

Lab File: VY020532.D

Acq: 06 Dec 2024 13:33

Instrument :

MSVOA_Y

ClientSampleId :

10TH-ST-SOIL

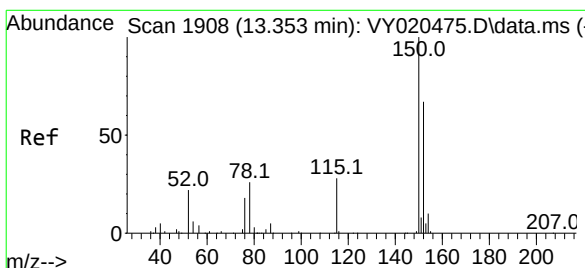
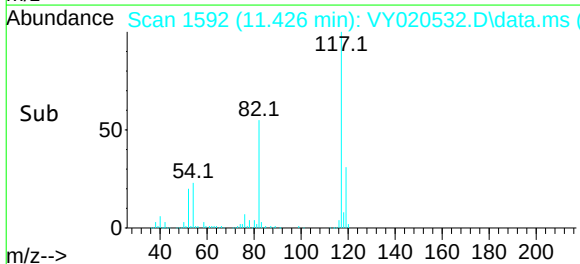
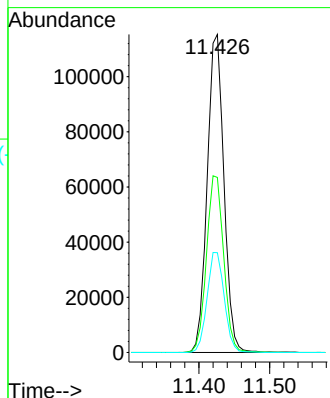
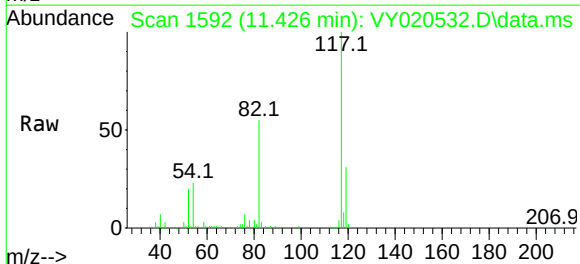
Tgt Ion:117 Resp: 189172

Ion Ratio Lower Upper

117 100

82 55.0 48.2 72.4

119 31.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020532.D

Acq: 06 Dec 2024 13:33

Tgt Ion:152 Resp: 54408

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 157.2 0.0 348.2

