

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016557.D
 Acq On : 01 Dec 2023 13:23
 Operator : SY/MD
 Sample : 05598-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 347

Quant Time: Dec 01 23:37:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	105684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	179201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	167679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	76056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	56817	68.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.100%	
35) Dibromofluoromethane	7.740	113	55918	53.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.340%	
50) Toluene-d8	10.203	98	206465	50.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	12.501	95	70053	54.743	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.480%	

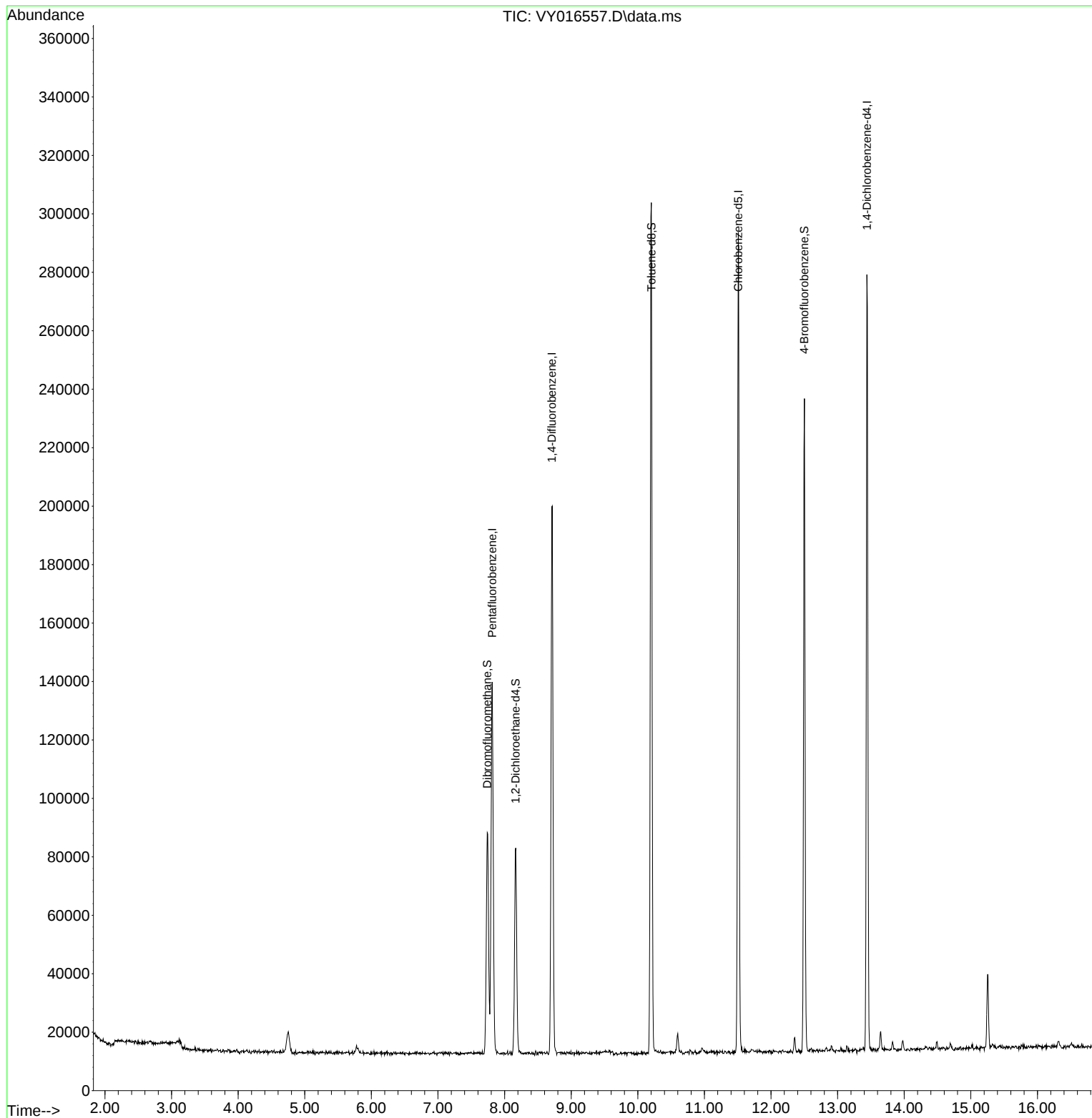
Target Compounds	Qvalue

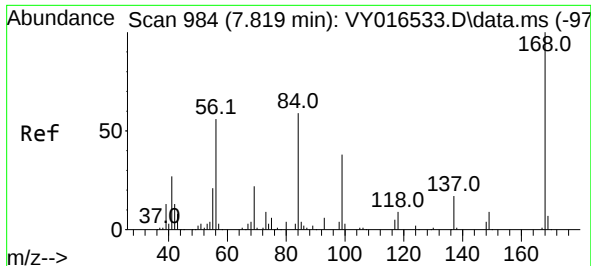
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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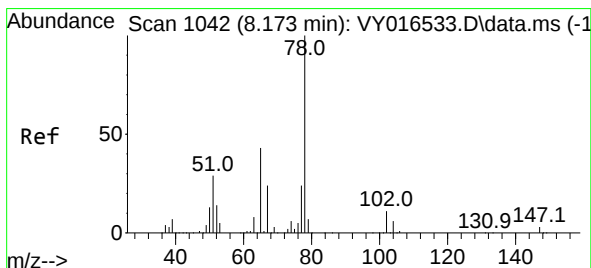
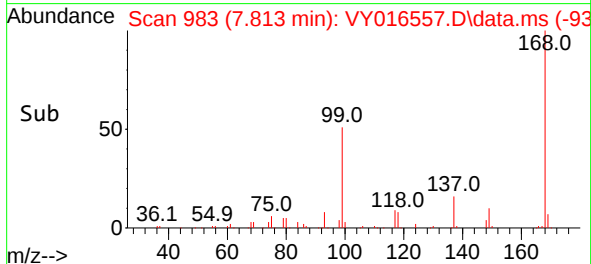
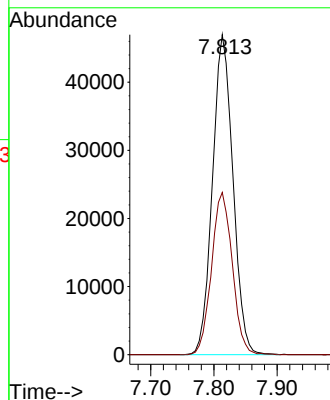
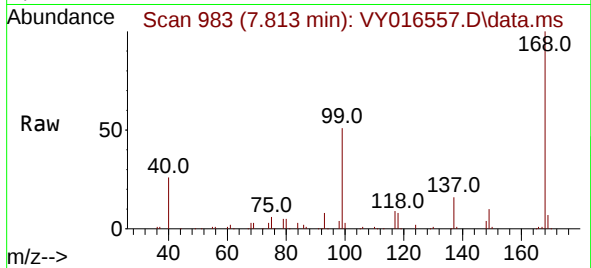




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

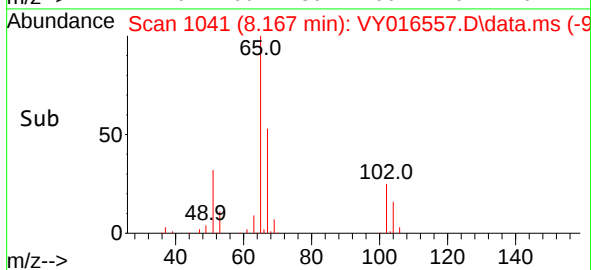
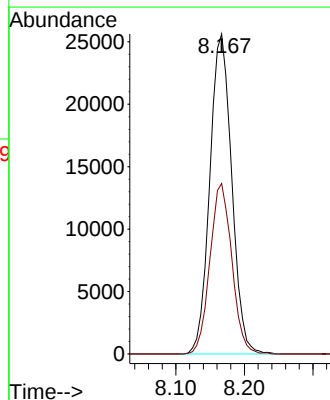
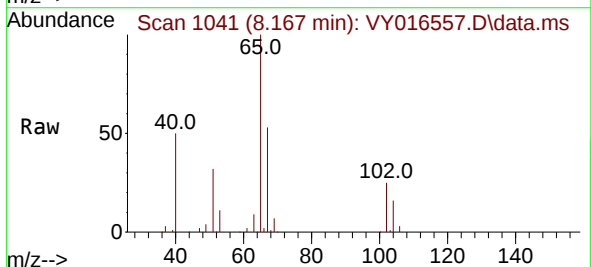
Instrument :
MSVOA_Y
ClientSampleId :
347

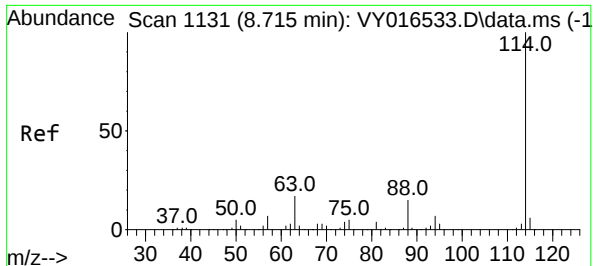
Tgt Ion:168 Resp: 105684
Ion Ratio Lower Upper
168 100
99 50.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 68.048 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

Tgt Ion: 65 Resp: 56817
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY016557.D

Acq: 01 Dec 2023 13:23

Instrument :

MSVOA_Y

ClientSampleId :

347

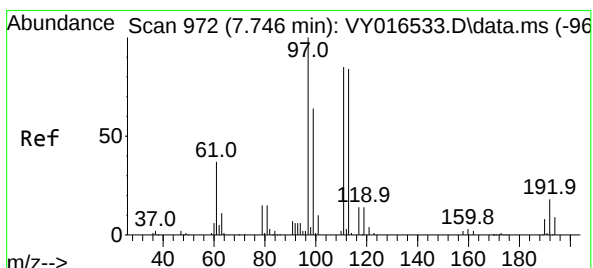
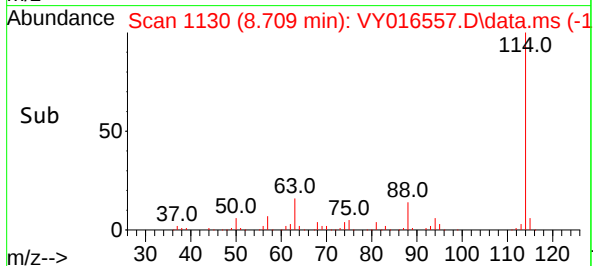
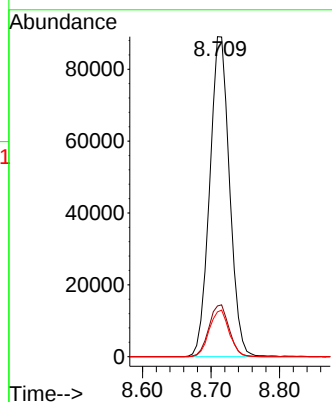
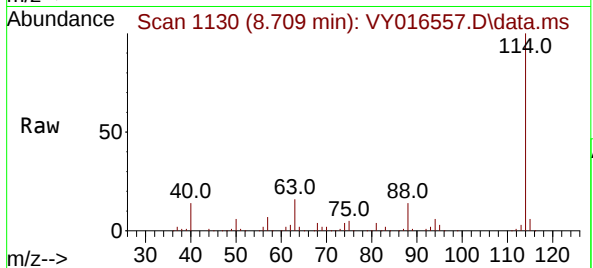
Tgt Ion:114 Resp: 179201

Ion Ratio Lower Upper

114 100

63 15.9 0.0 42.4

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.167 ug/l

RT: 7.740 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY016557.D

Acq: 01 Dec 2023 13:23

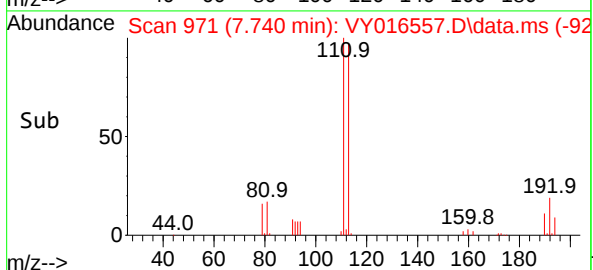
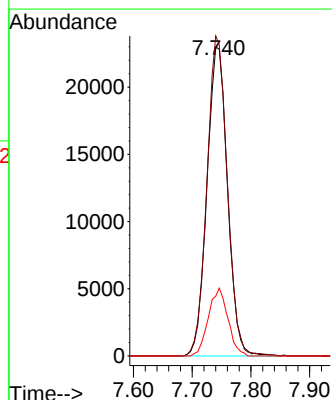
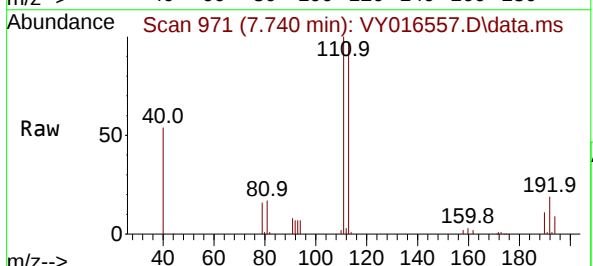
Tgt Ion:113 Resp: 55918

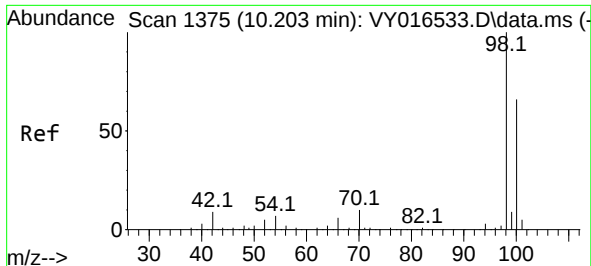
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 20.8 16.9 25.3

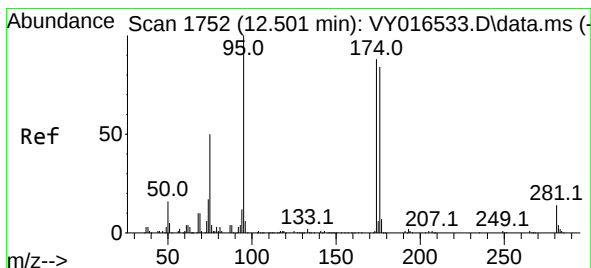
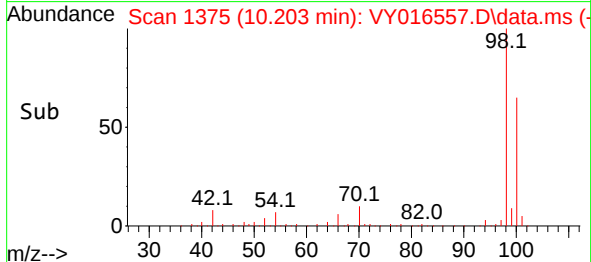
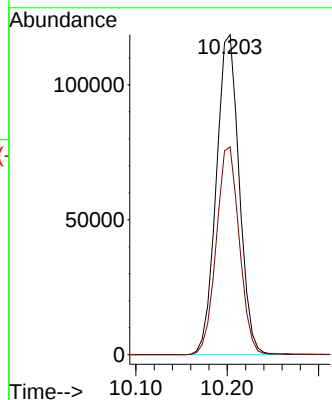
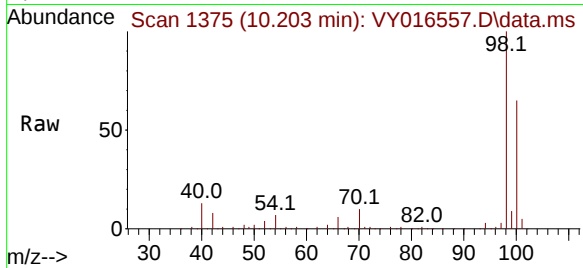




#50
Toluene-d8
Concen: 50.614 ug/l
RT: 10.203 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

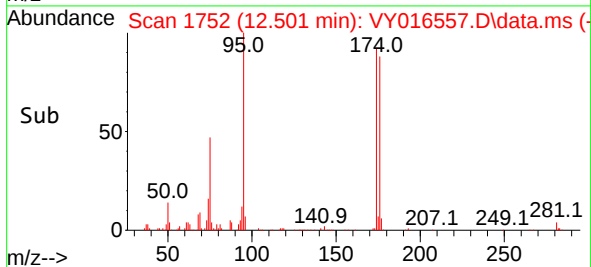
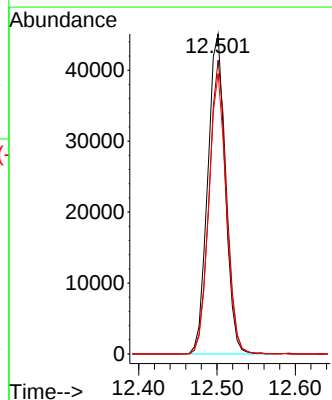
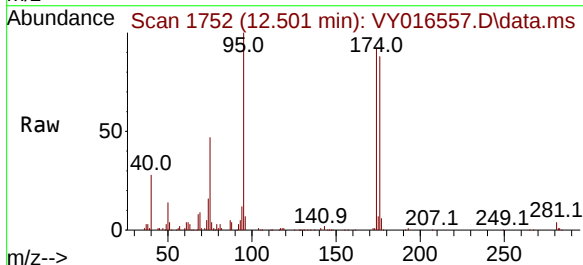
Instrument :
MSVOA_Y
ClientSampleId :
347

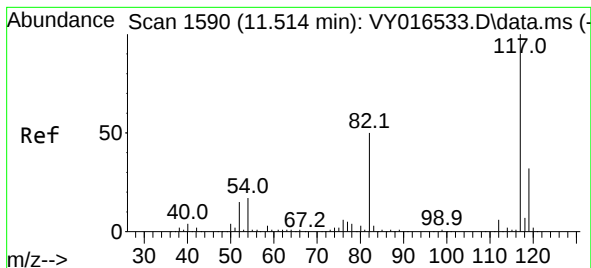
Tgt Ion: 98 Resp: 206465
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.743 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY016557.D
Acq: 01 Dec 2023 13:23

Tgt Ion: 95 Resp: 70053
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.2
176 87.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016557.D

Acq: 01 Dec 2023 13:23

Instrument :

MSVOA_Y

ClientSampleId :

347

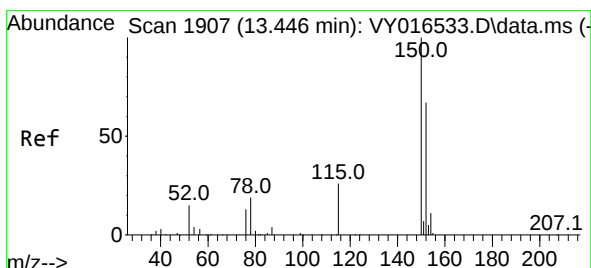
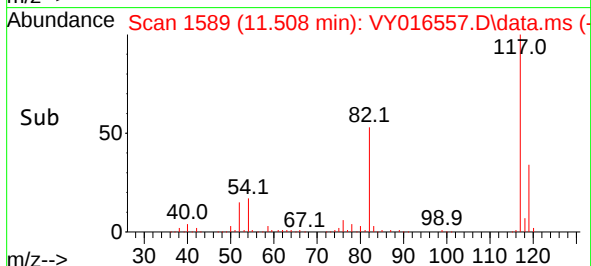
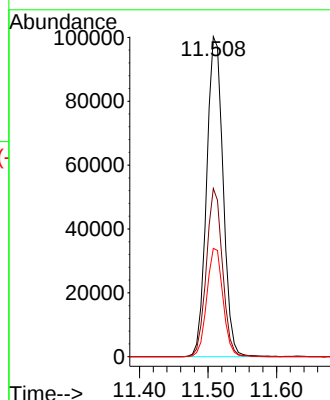
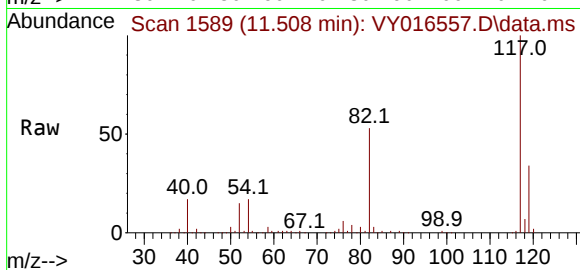
Tgt Ion:117 Resp: 167679

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 33.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY016557.D

Acq: 01 Dec 2023 13:23

Tgt Ion:152 Resp: 76056

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 156.4 0.0 348.8

