

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017138.D
 Acq On : 30 Jan 2024 13:05
 Operator : SY/MD
 Sample : P1276-05
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-38

Quant Time: Jan 31 00:27:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	91522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	197416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	198231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	74767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	46776	52.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.920%
35) Dibromofluoromethane	7.734	113	48644	40.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.660%
50) Toluene-d8	10.197	98	174697	38.819	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.640%
62) 4-Bromofluorobenzene	12.495	95	57198	41.258	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.520%

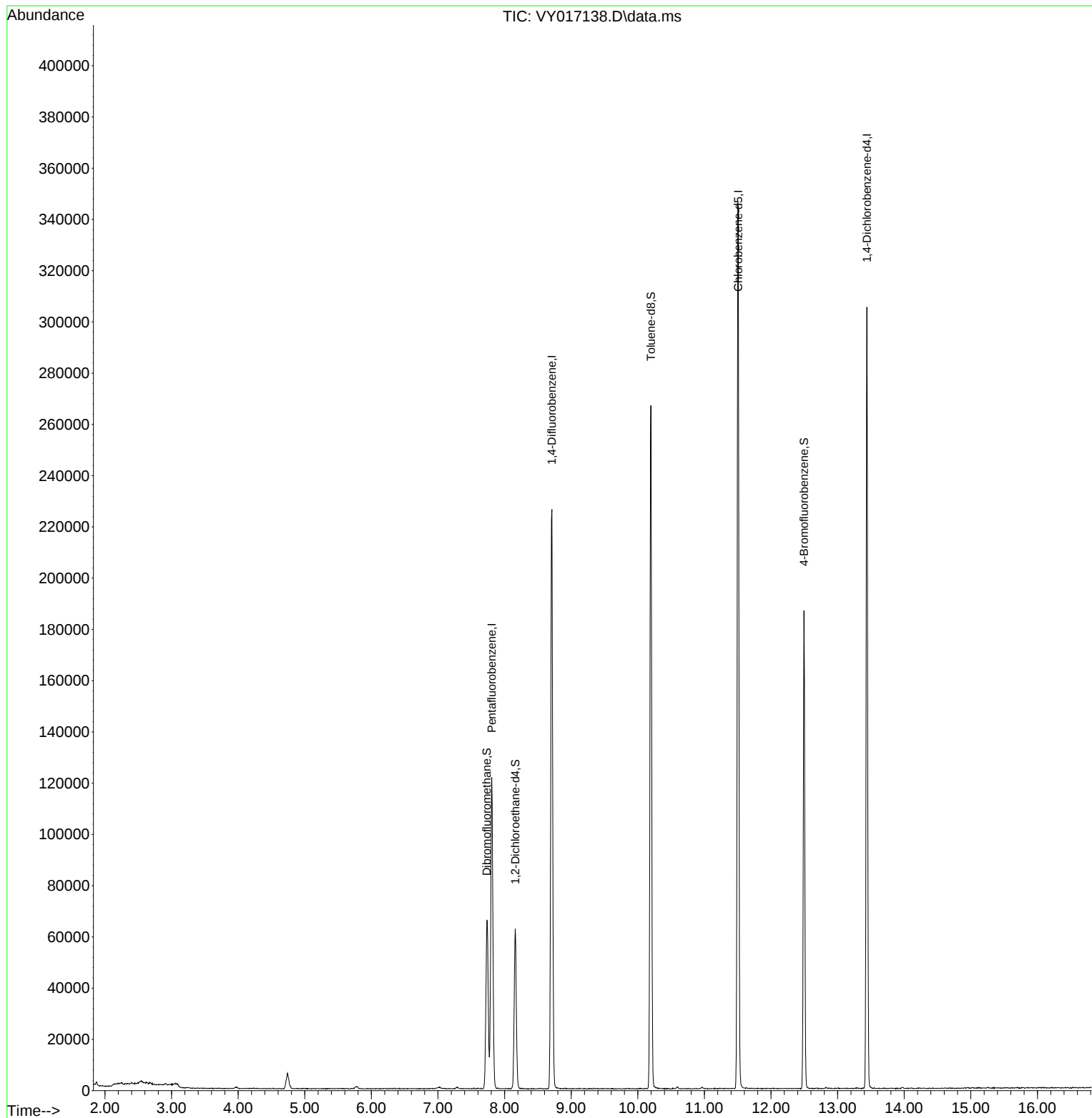
Target Compounds	Qvalue

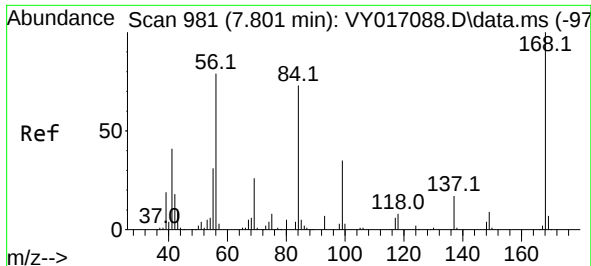
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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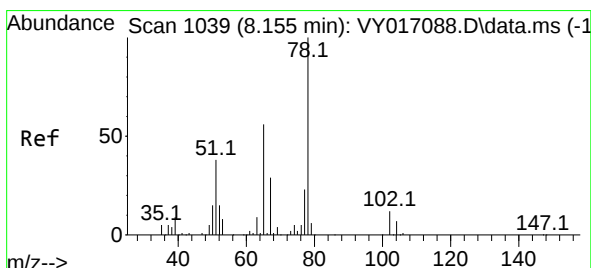
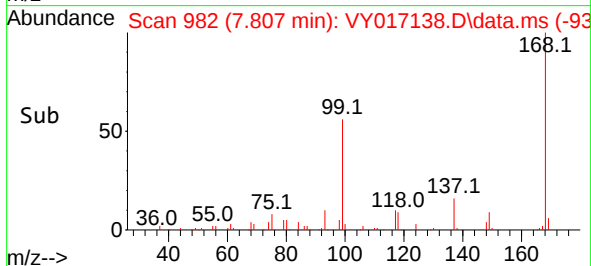
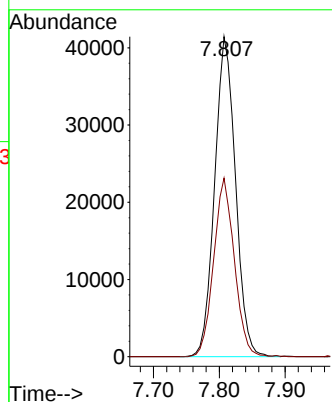
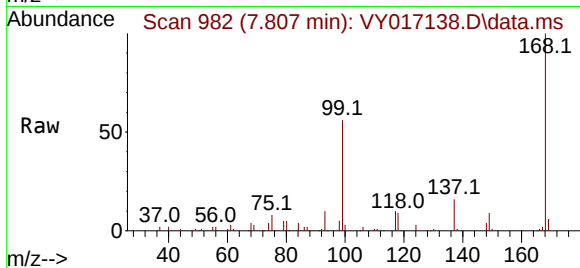




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017138.D
Acq: 30 Jan 2024 13:05

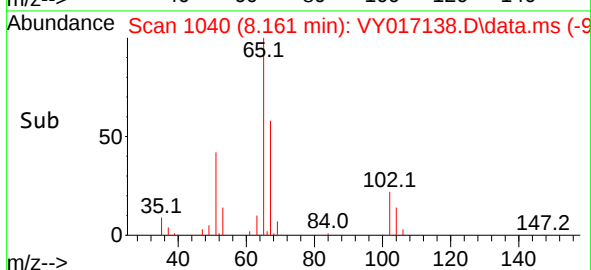
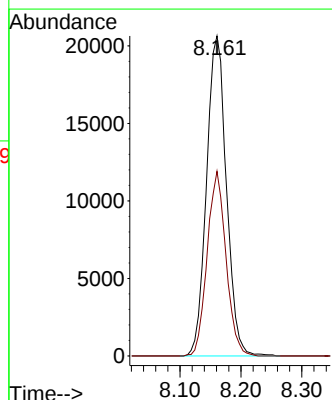
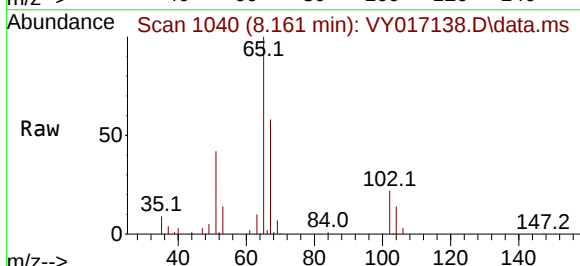
Instrument :
MSVOA_Y
ClientSampleId :
TP-38

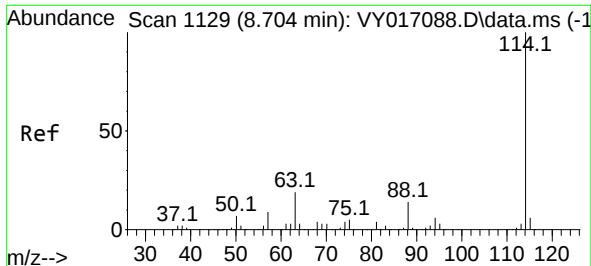
Tgt Ion:168 Resp: 91522
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.457 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017138.D
Acq: 30 Jan 2024 13:05

Tgt Ion: 65 Resp: 46776
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017138.D

Acq: 30 Jan 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

TP-38

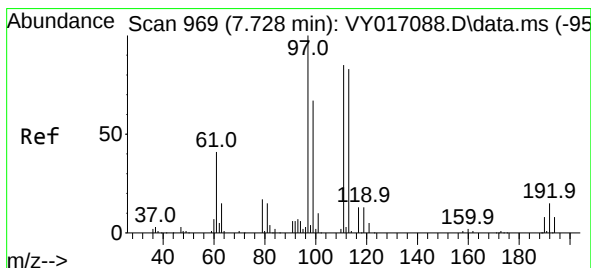
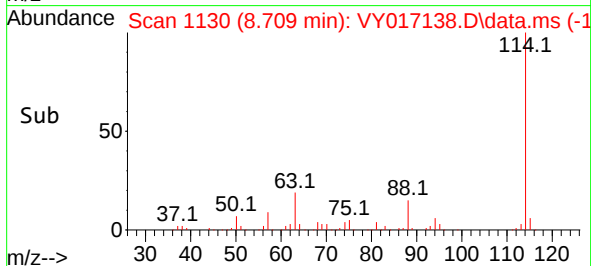
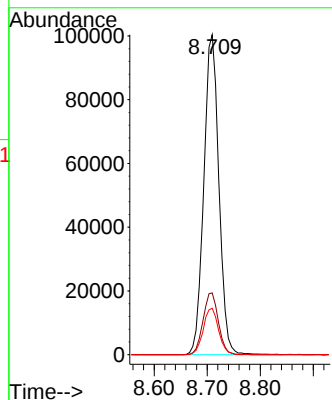
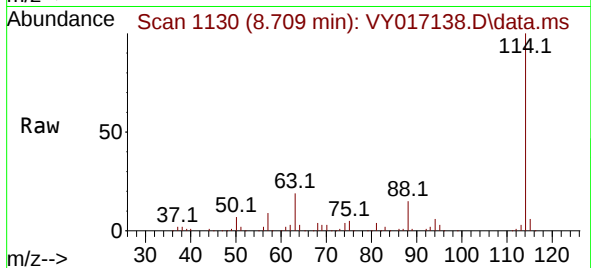
Tgt Ion:114 Resp: 197416

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.826 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017138.D

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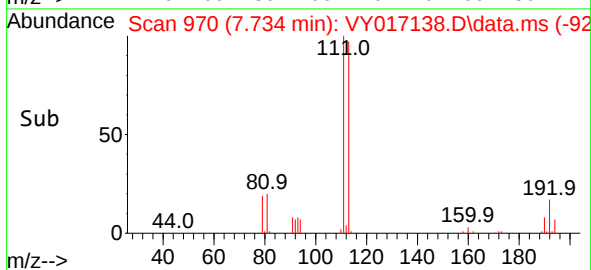
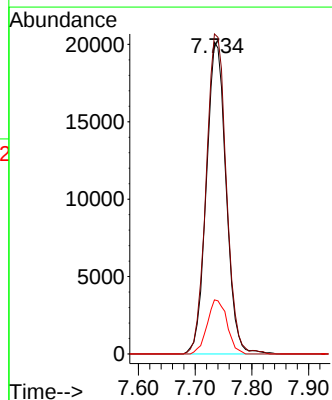
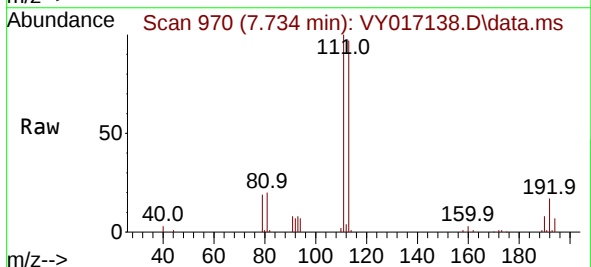
Tgt Ion:113 Resp: 48644

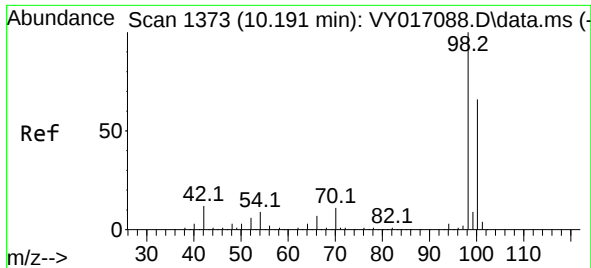
Ion Ratio Lower Upper

113 100

111 104.9 83.8 125.6

192 17.5 14.5 21.7

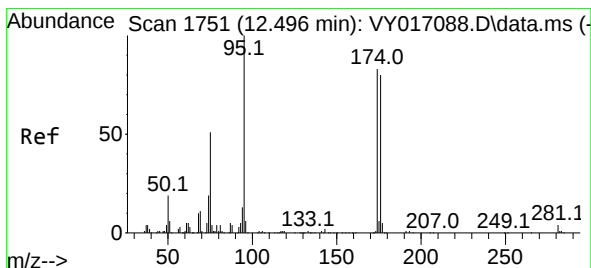
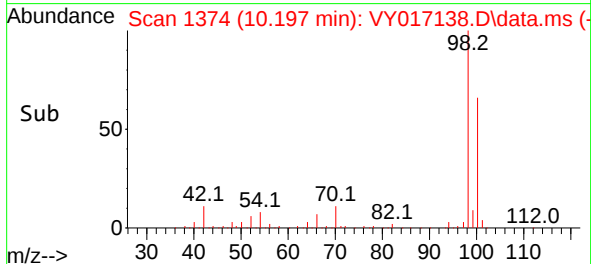
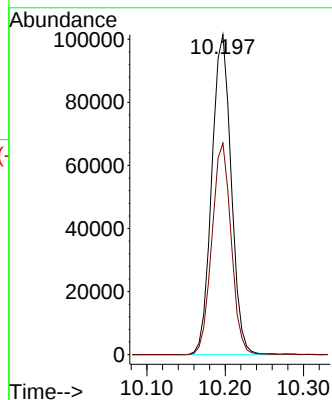
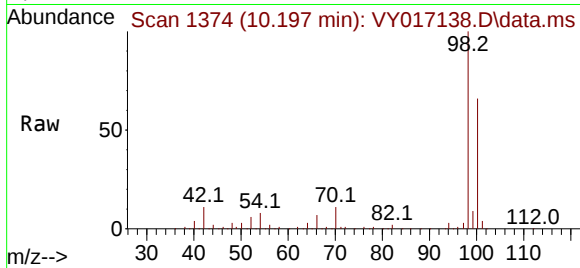




#50
Toluene-d8
Concen: 38.819 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017138.D
Acq: 30 Jan 2024 13:05

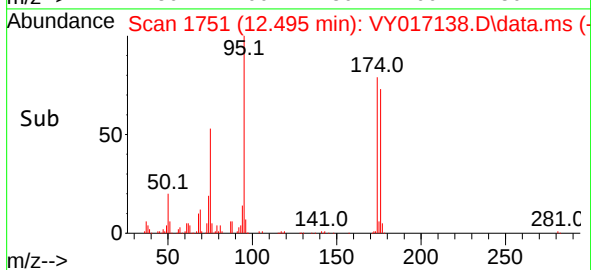
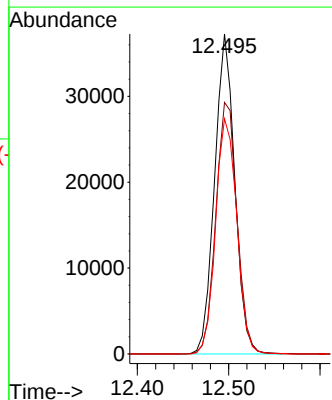
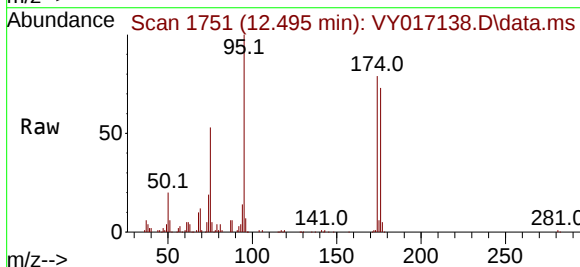
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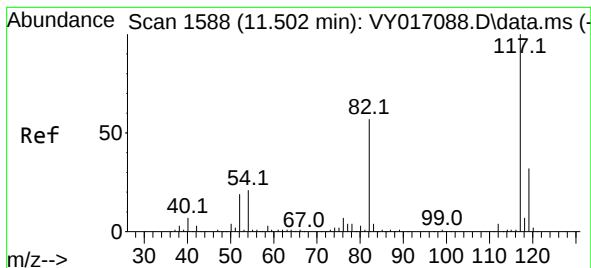
Tgt Ion: 98 Resp: 174697
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 41.258 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017138.D
Acq: 30 Jan 2024 13:05

Tgt Ion: 95 Resp: 57198
Ion Ratio Lower Upper
95 100
174 82.5 0.0 160.0
176 77.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017138.D

Acq: 30 Jan 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

TP-38

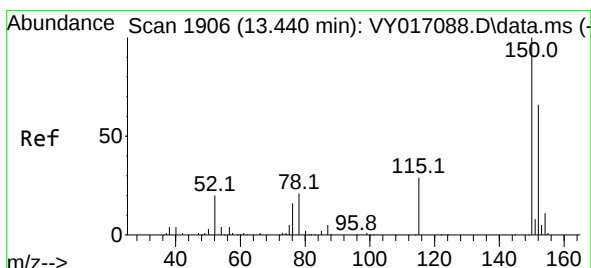
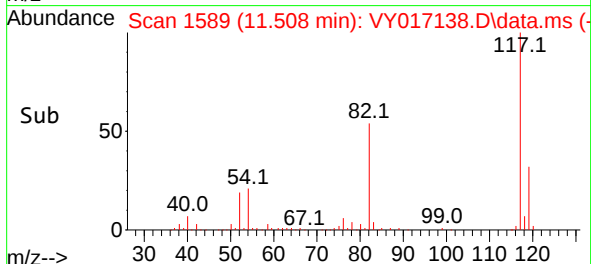
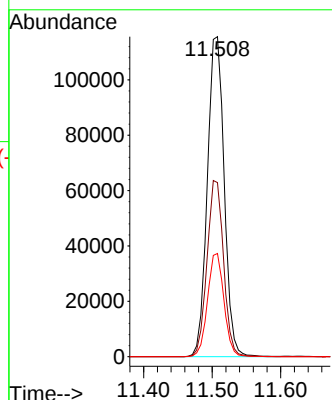
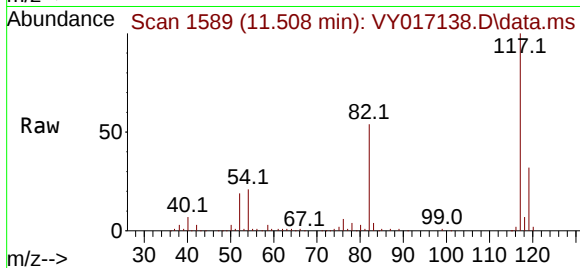
Tgt Ion:117 Resp: 198231

Ion Ratio Lower Upper

117 100

82 54.4 43.8 65.8

119 32.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017138.D

Acq: 30 Jan 2024 13:05

Tgt Ion:152 Resp: 74767

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 159.1 0.0 344.6

