

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012524\
 Data File : VY017109.D
 Acq On : 25 Jan 2024 17:07
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 26 10:07:55 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	7.801	168	100230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	204527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76989	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	55607	56.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.880%
35) Dibromofluoromethane	7.728	113	53736	41.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.020%
50) Toluene-d8	10.185	98	189459	38.749	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.500%
62) 4-Bromofluorobenzene	12.489	95	60382	40.089	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.180%

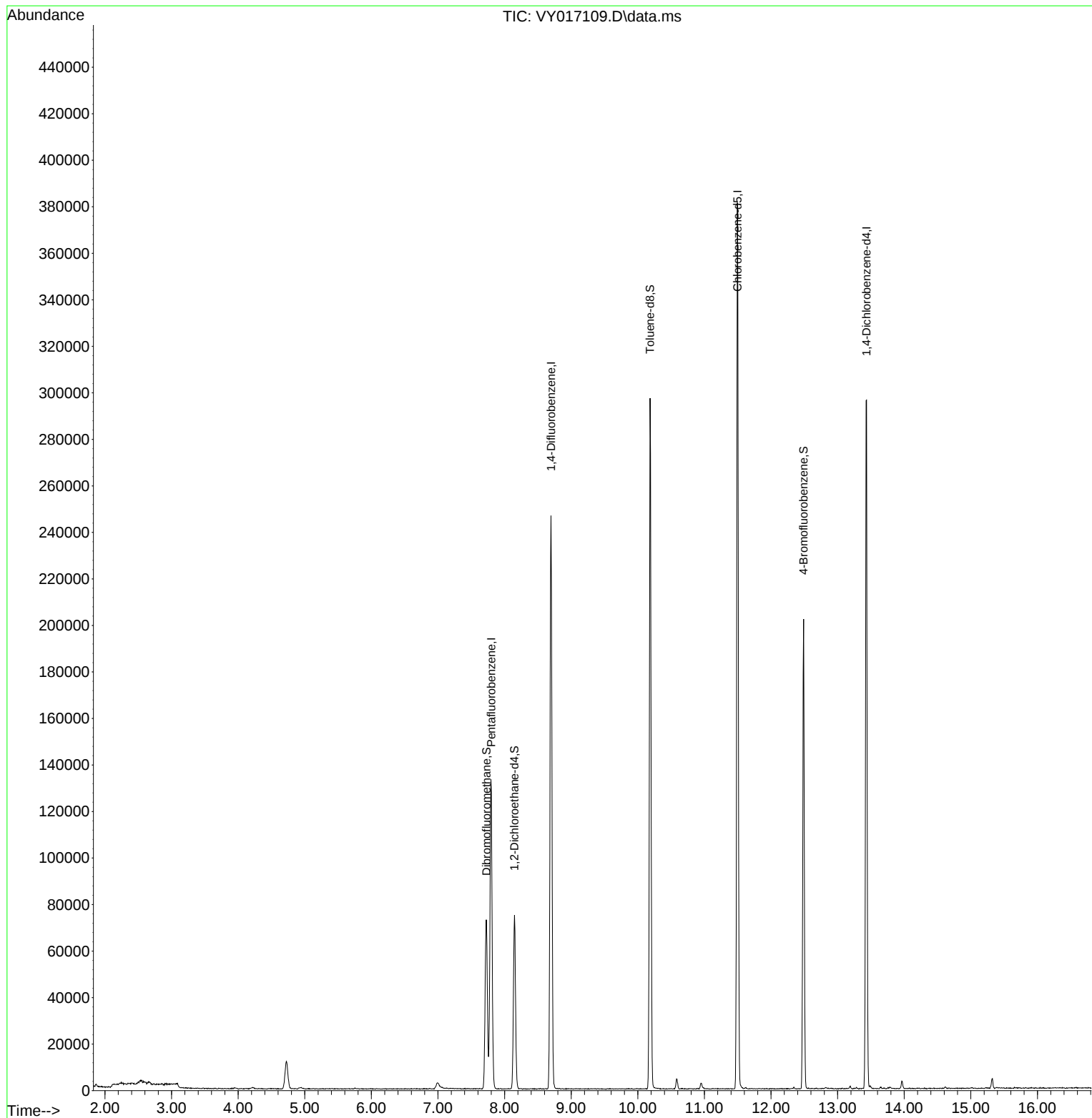
Target Compounds	Qvalue

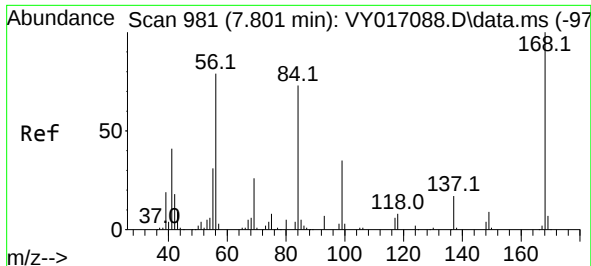
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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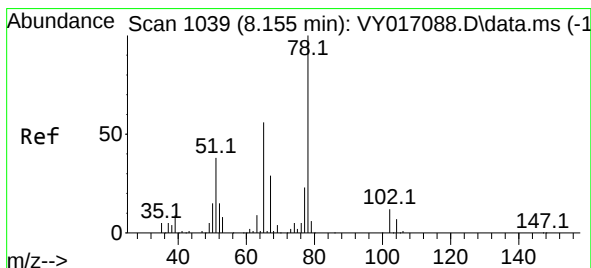
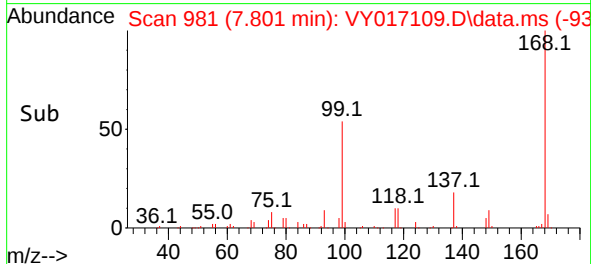
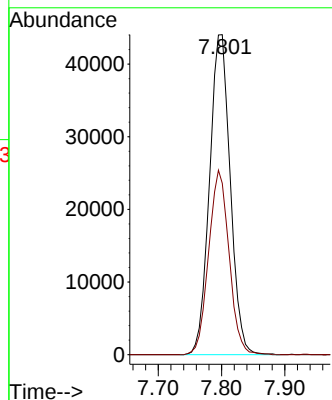
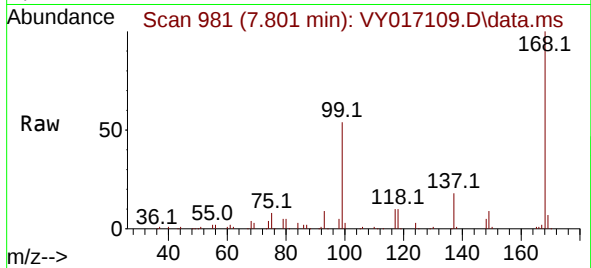




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017109.D
Acq: 25 Jan 2024 17:07

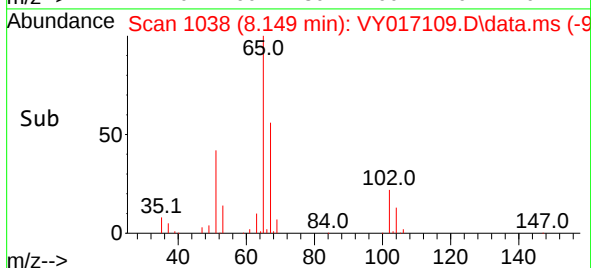
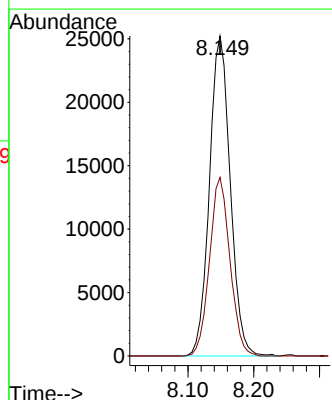
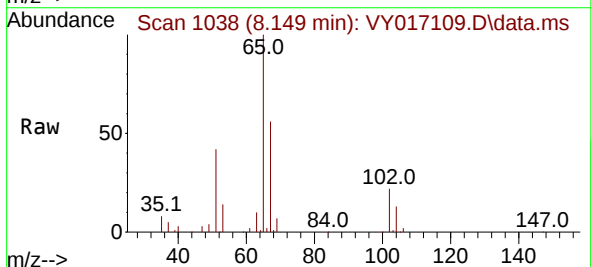
Instrument :
MSVOA_Y
ClientSampleId :

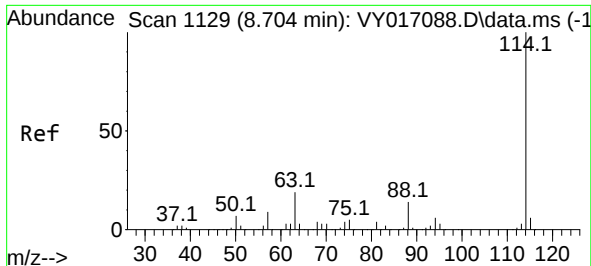
Tgt Ion:168 Resp: 100230
Ion Ratio Lower Upper
168 100
99 53.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.942 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY017109.D
Acq: 25 Jan 2024 17:07

Tgt Ion: 65 Resp: 55607
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017109.D

Acq: 25 Jan 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

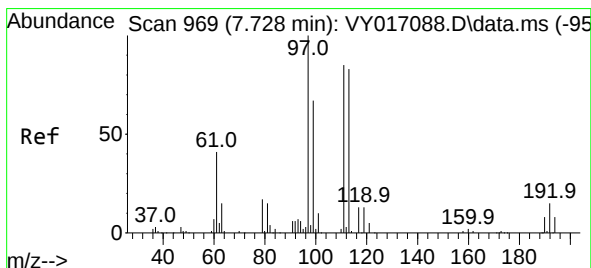
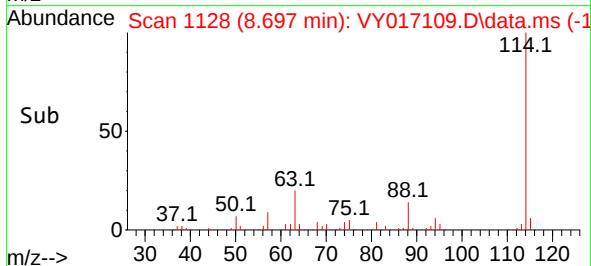
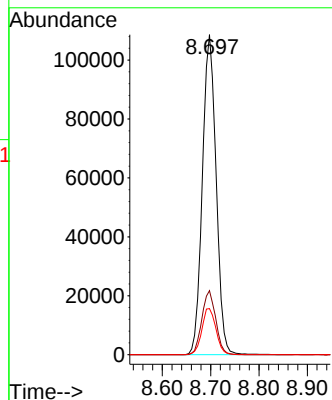
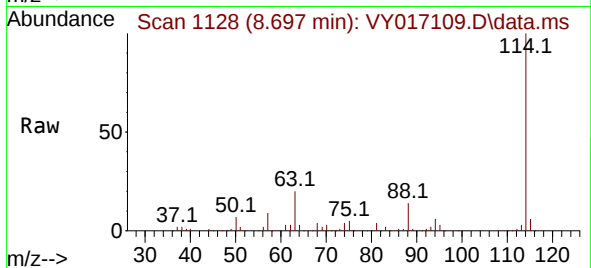
Tgt Ion:114 Resp: 214485

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 41.511 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017109.D

Acq: 25 Jan 2024 17:07

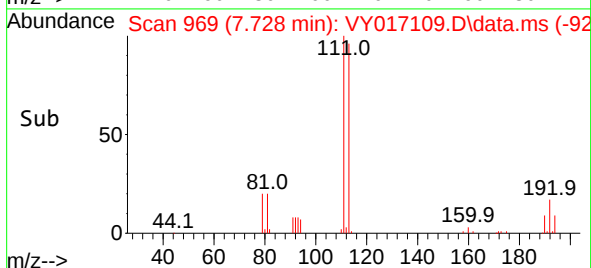
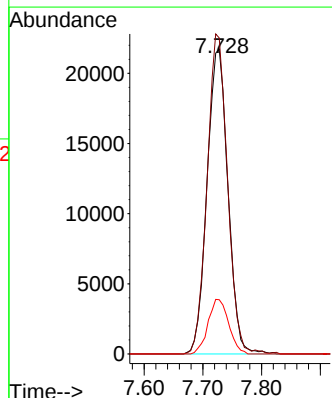
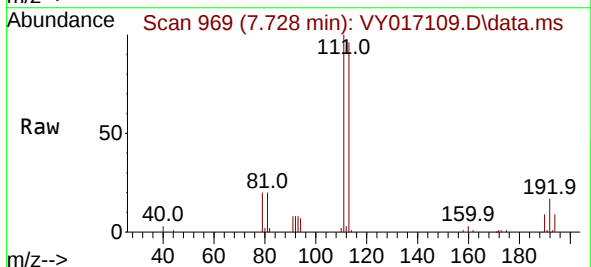
Tgt Ion:113 Resp: 53736

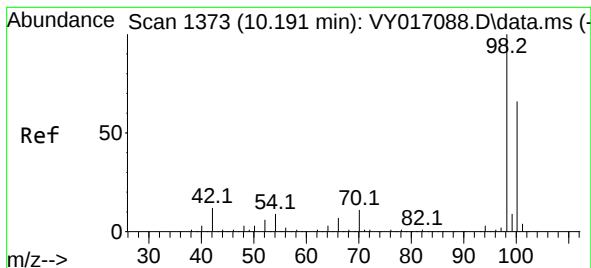
Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 17.6 14.5 21.7





#50

Toluene-d8

Concen: 38.749 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017109.D

Acq: 25 Jan 2024 17:07

Instrument :

MSVOA_Y

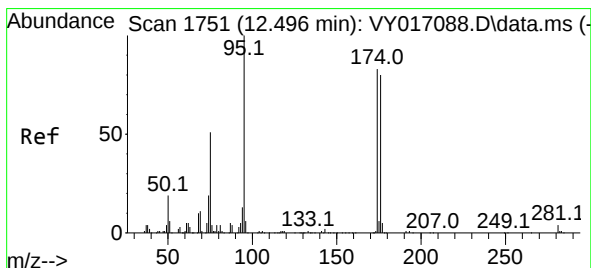
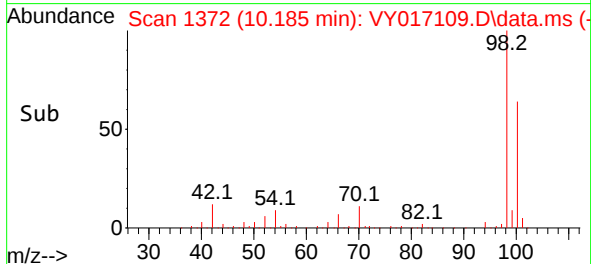
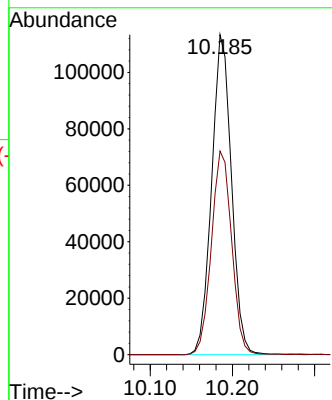
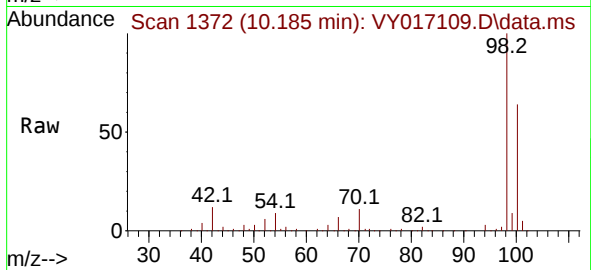
ClientSampleId :

Tgt Ion: 98 Resp: 189459

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 40.089 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017109.D

Acq: 25 Jan 2024 17:07

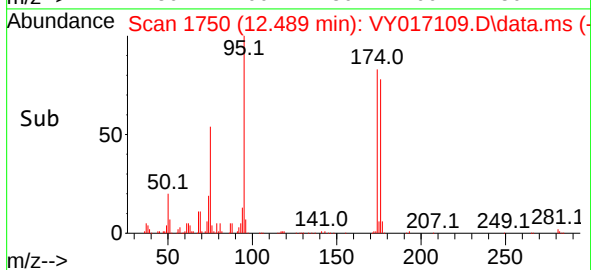
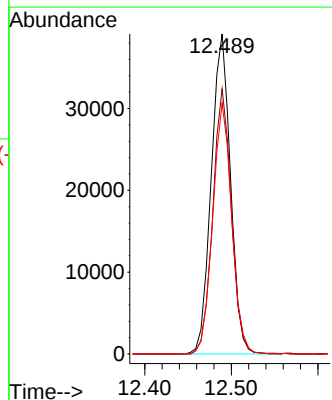
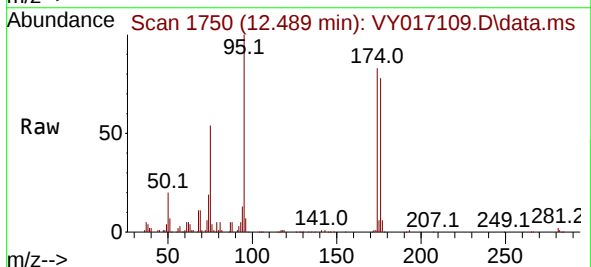
Tgt Ion: 95 Resp: 60382

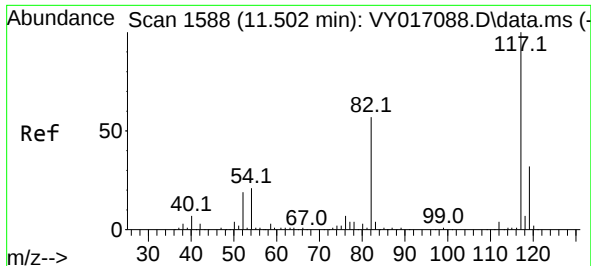
Ion Ratio Lower Upper

95 100

174 79.6 0.0 160.0

176 77.3 0.0 151.8

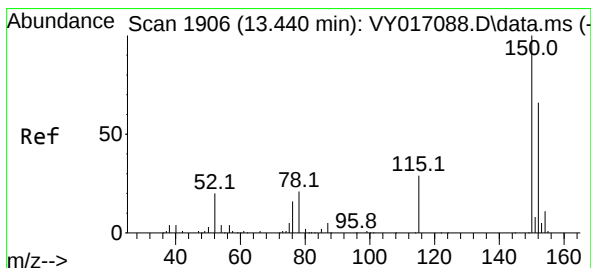
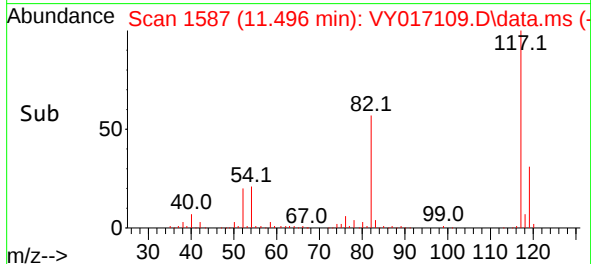
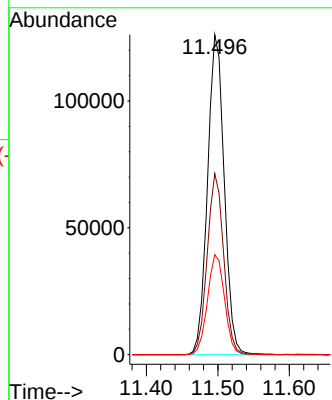
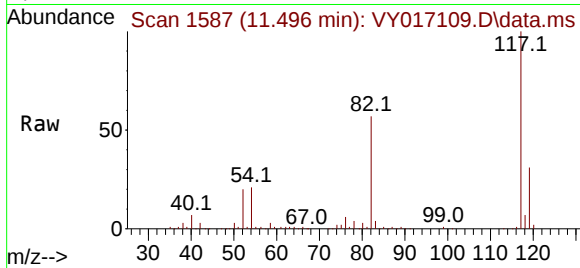




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017109.D
Acq: 25 Jan 2024 17:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 204527
Ion Ratio Lower Upper
117 100
82 56.6 43.8 65.8
119 31.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017109.D
Acq: 25 Jan 2024 17:07

Tgt Ion:152 Resp: 76989
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 156.1 0.0 344.6

