

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017567.D
 Acq On : 05 Mar 2024 13:31
 Operator : SY/MD
 Sample : P1674-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1A

Quant Time: Mar 05 22:03:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	97442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	141256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	101540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	32206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	30389	32.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.820%
35) Dibromofluoromethane	7.716	113	40050	40.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.380%
50) Toluene-d8	10.185	98	153421	44.579	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.160%
62) 4-Bromofluorobenzene	12.489	95	30650	28.338	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.680%

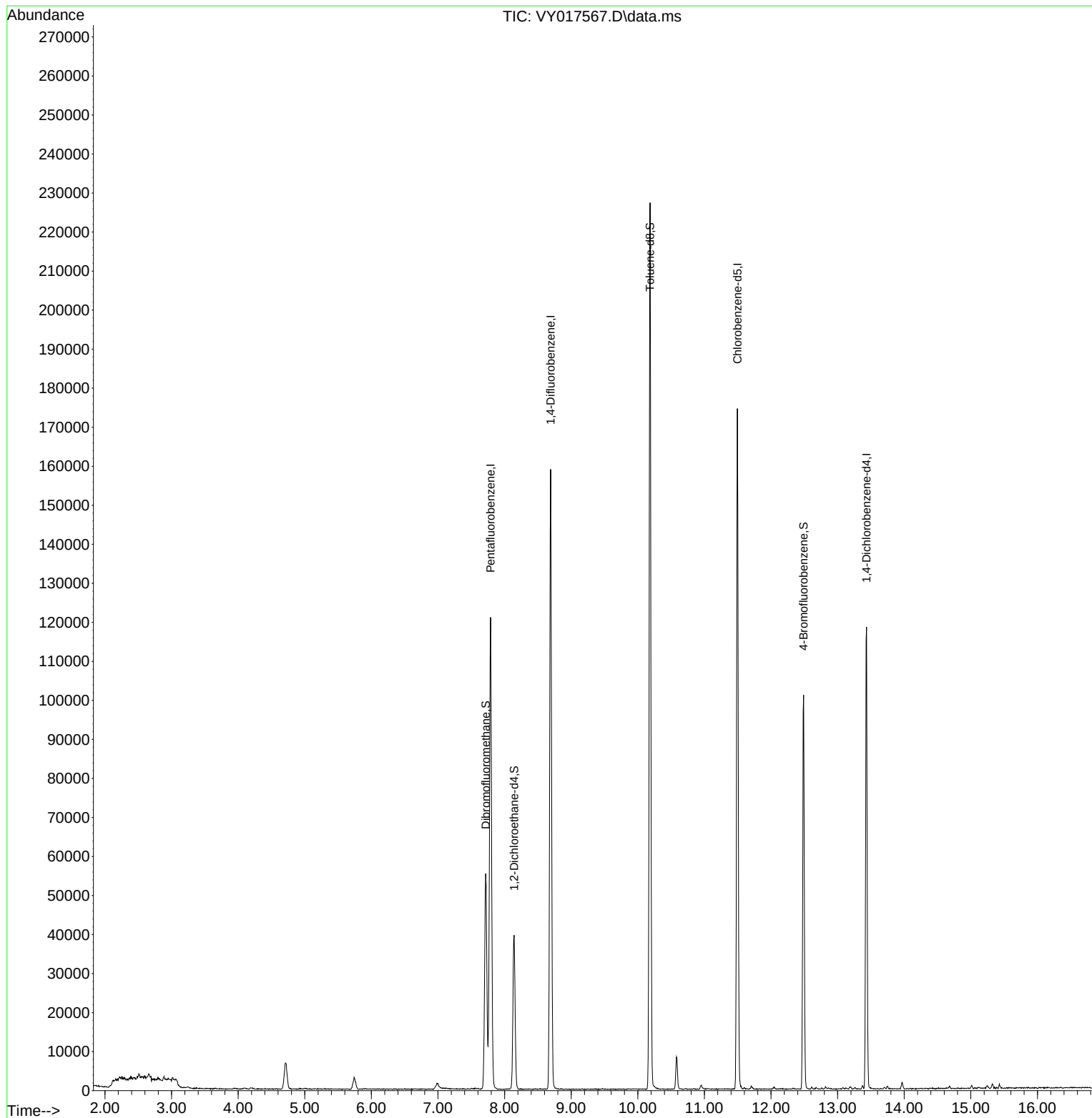
Target Compounds	Qvalue

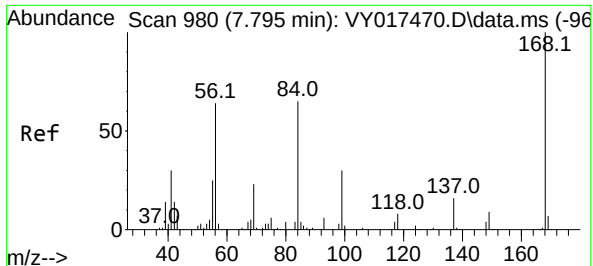
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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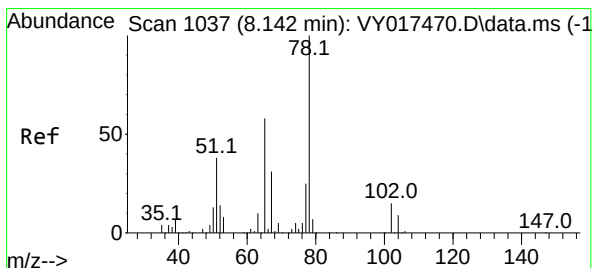
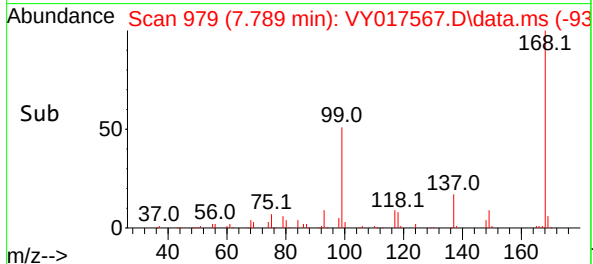
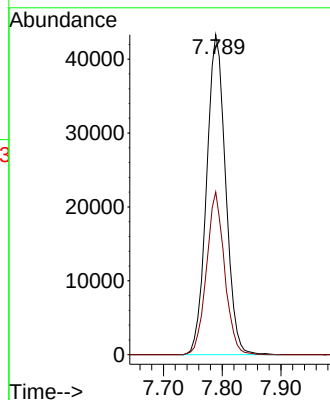
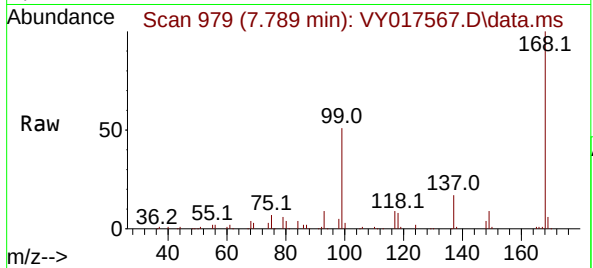




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

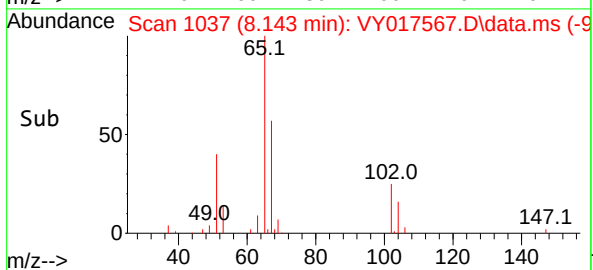
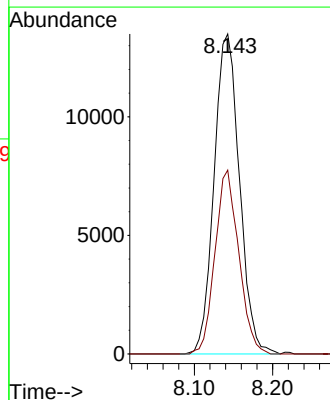
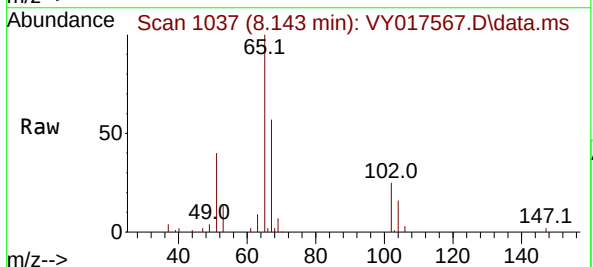
Instrument :
MSVOA_Y
ClientSampleId :
1A

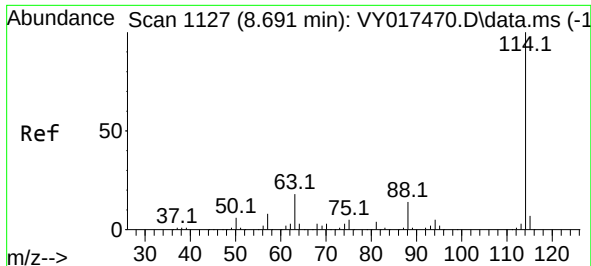
Tgt Ion:168 Resp: 97442
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 32.907 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

Tgt Ion: 65 Resp: 30389
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017567.D

Acq: 05 Mar 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :

1A

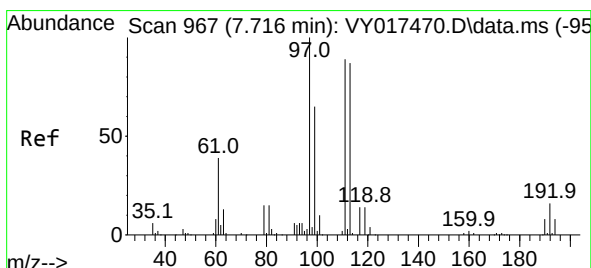
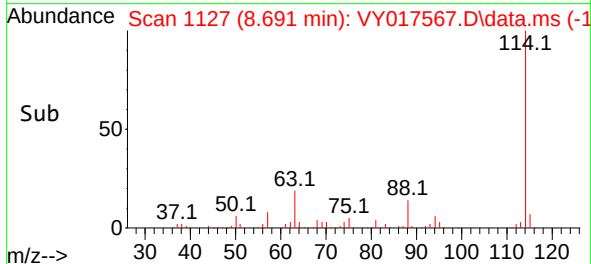
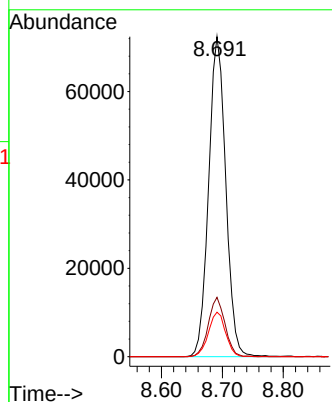
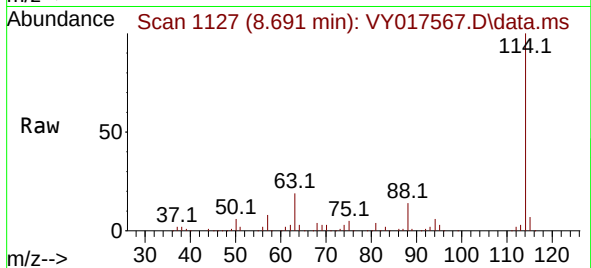
Tgt Ion:114 Resp: 141256

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 40.688 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017567.D

Acq: 05 Mar 2024 13:31

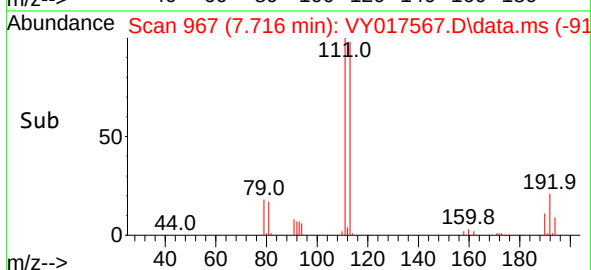
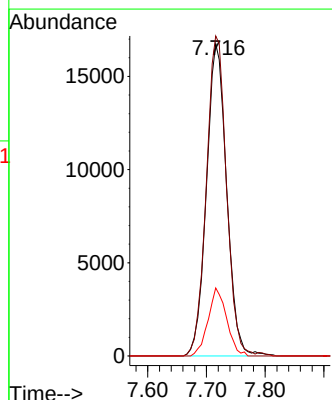
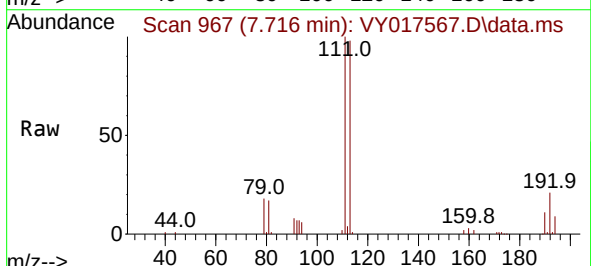
Tgt Ion:113 Resp: 40050

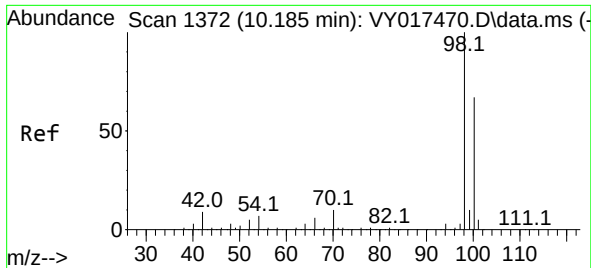
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 20.0 15.9 23.9

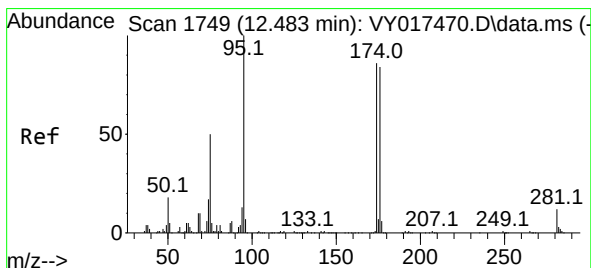
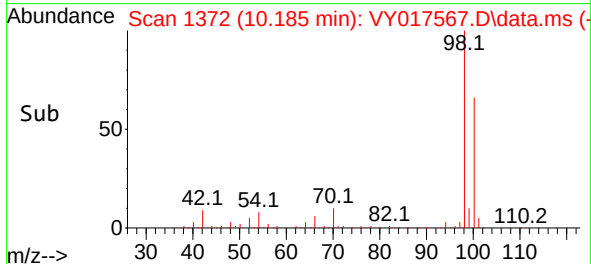
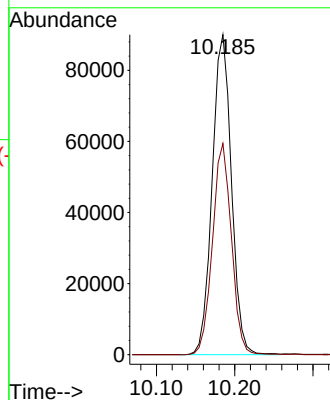
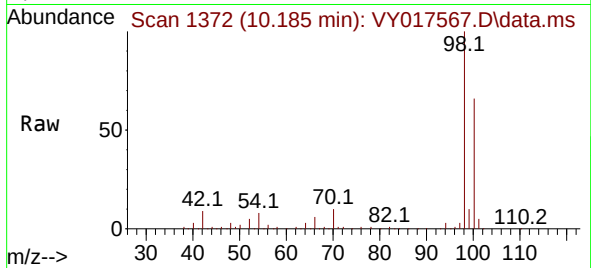




#50
Toluene-d8
Concen: 44.579 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

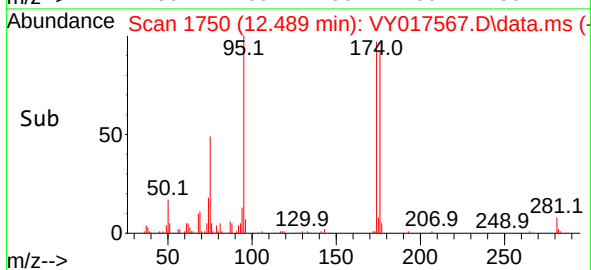
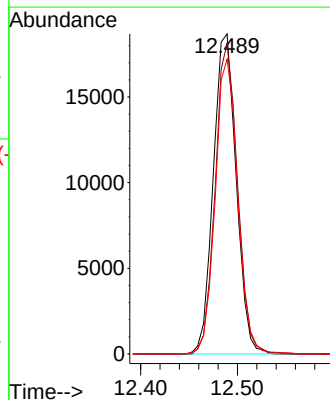
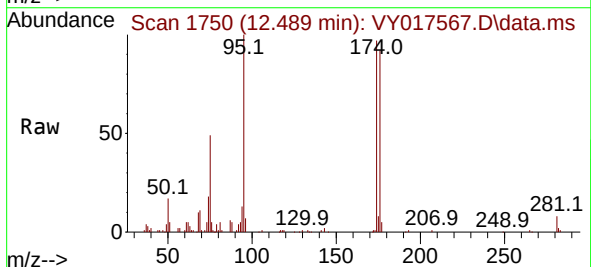
Instrument :
MSVOA_Y
ClientSampleId :
1A

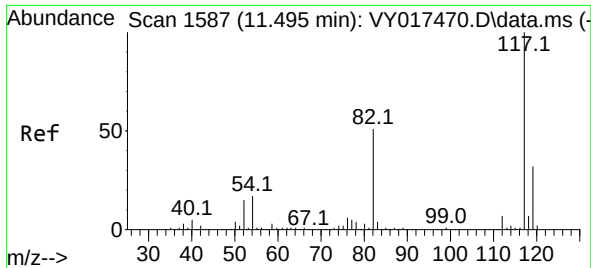
Tgt Ion: 98 Resp: 153421
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.338 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

Tgt Ion: 95 Resp: 30650
Ion Ratio Lower Upper
95 100
174 94.6 0.0 175.6
176 90.7 0.0 171.4

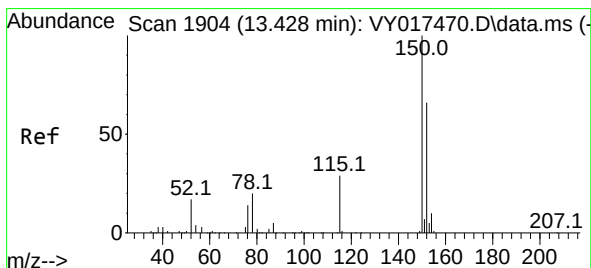
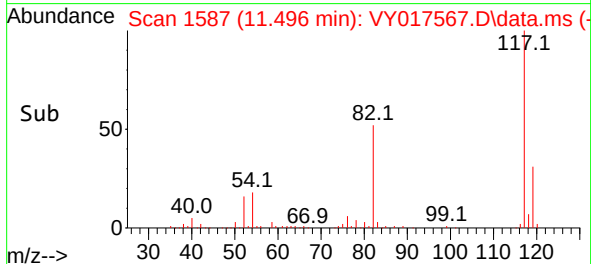
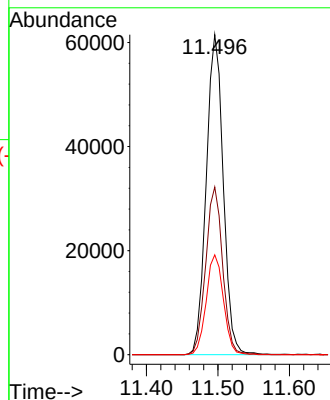
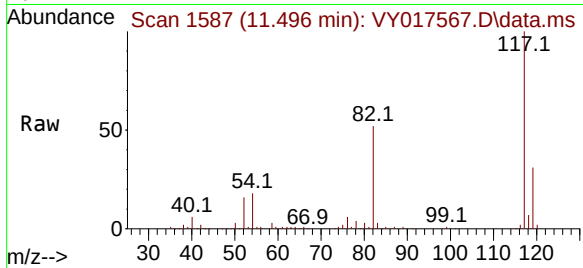




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :
1A

Tgt Ion:117 Resp: 101540
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 31.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017567.D
Acq: 05 Mar 2024 13:31

Tgt Ion:152 Resp: 32206
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 160.0 0.0 345.6

