

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017362.D
 Acq On : 12 Feb 2024 18:41
 Operator : SY/MD
 Sample : P1446-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT3475

Quant Time: Feb 13 01:30:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	81172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	156917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	140914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	51444	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	36835	50.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.600%
35) Dibromofluoromethane	7.728	113	36139	42.654	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.300%
50) Toluene-d8	10.185	98	138172	44.792	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.580%
62) 4-Bromofluorobenzene	12.489	95	37805	37.412	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.820%

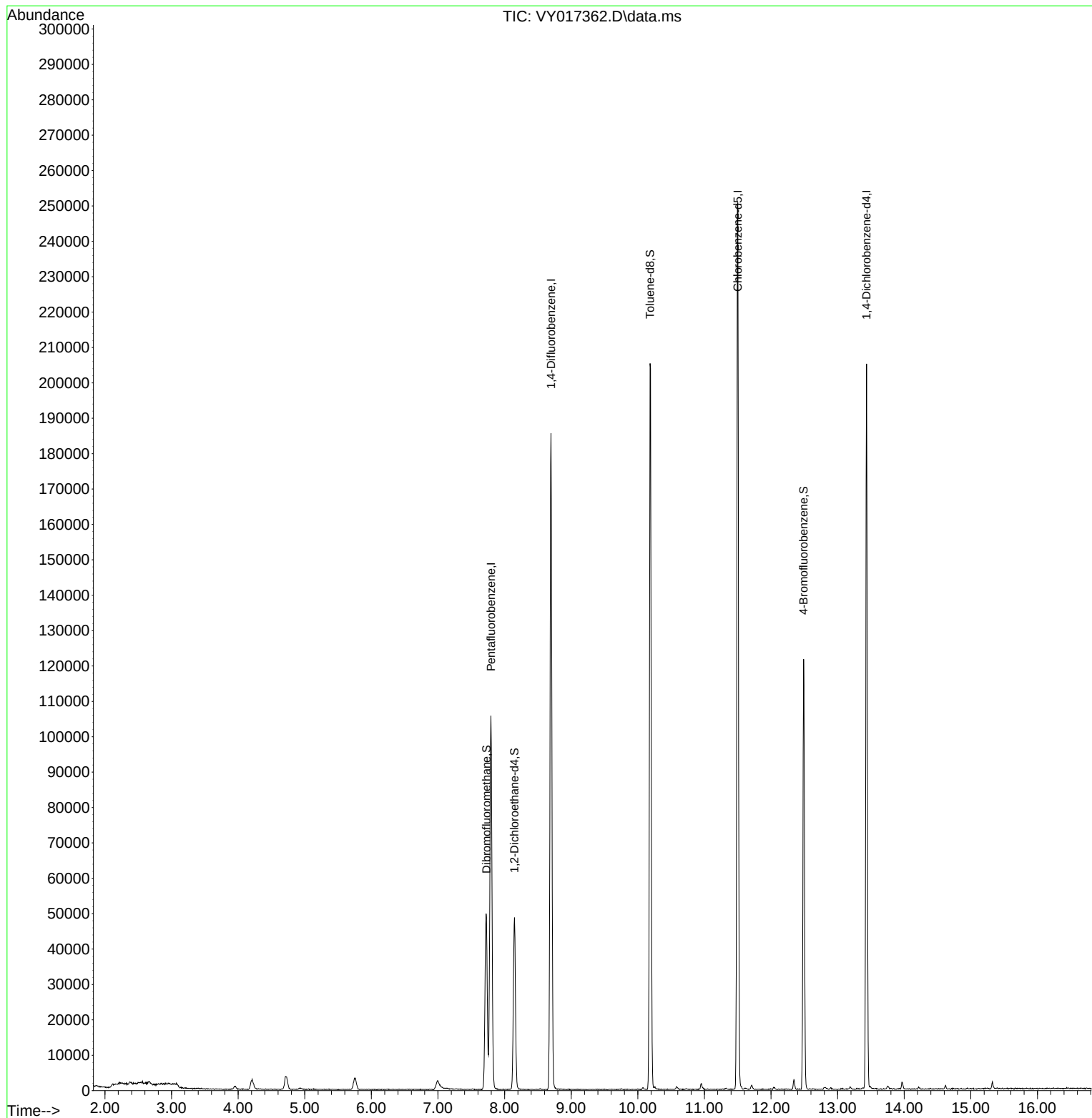
Target Compounds	Qvalue

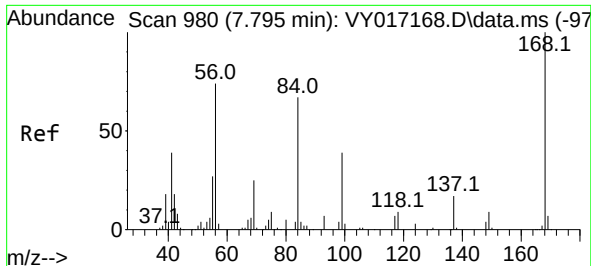
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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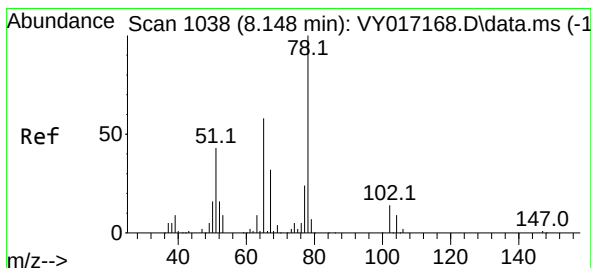
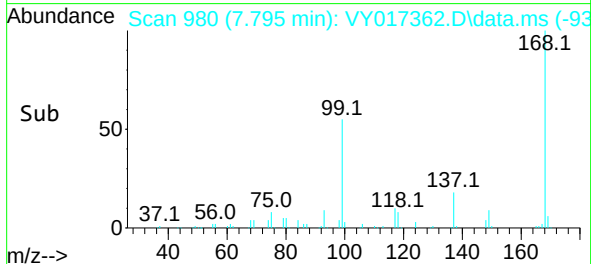
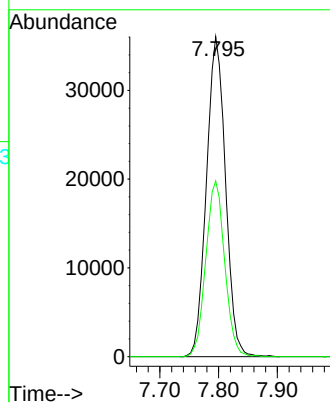
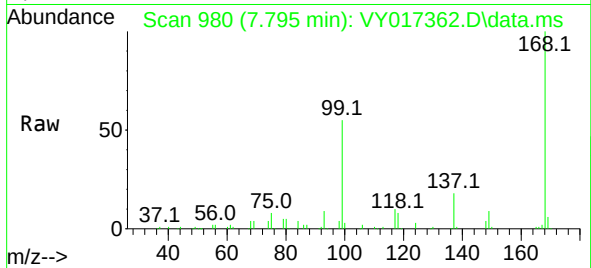




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

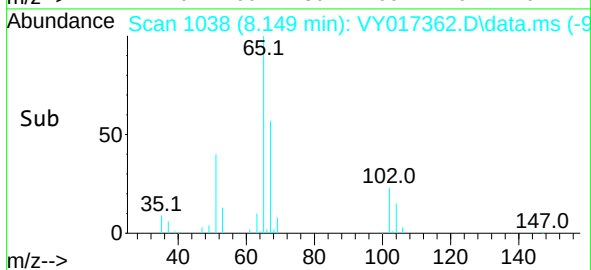
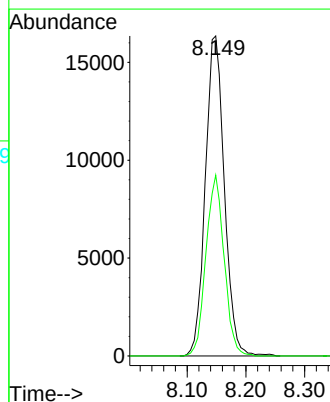
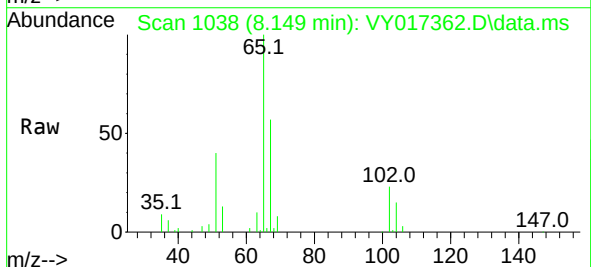
Instrument :
MSVOA_Y
ClientSampleId :
RT3475

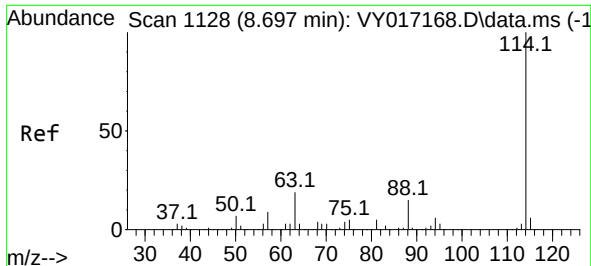
Tgt Ion:168 Resp: 81172
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.797 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

Tgt Ion: 65 Resp: 36835
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017362.D

Acq: 12 Feb 2024 18:41

Instrument :

MSVOA_Y

ClientSampleId :

RT3475

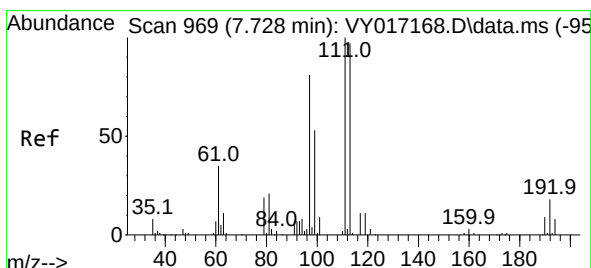
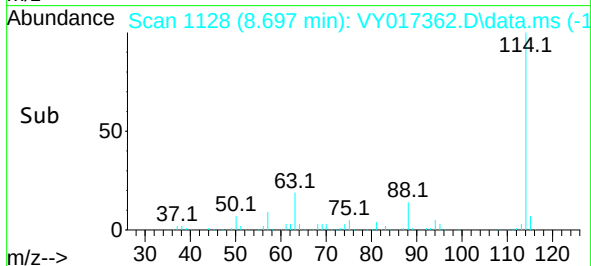
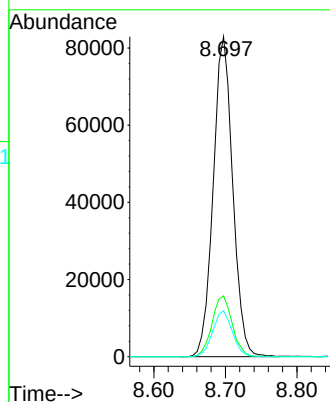
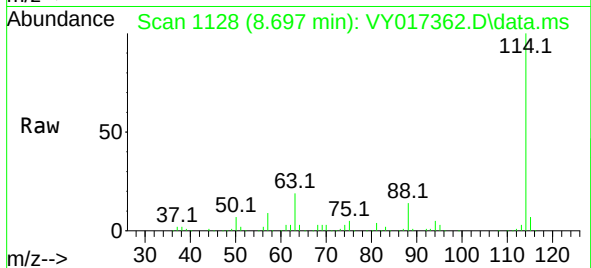
Tgt Ion:114 Resp: 156917

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 42.654 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017362.D

Acq: 12 Feb 2024 18:41

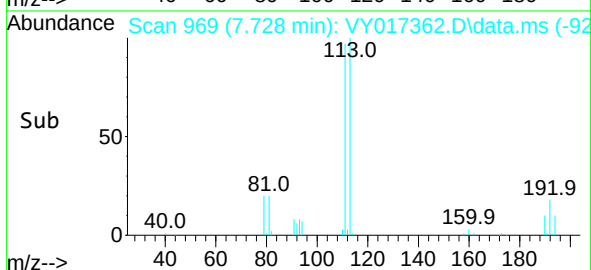
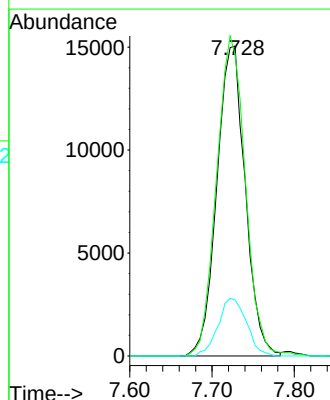
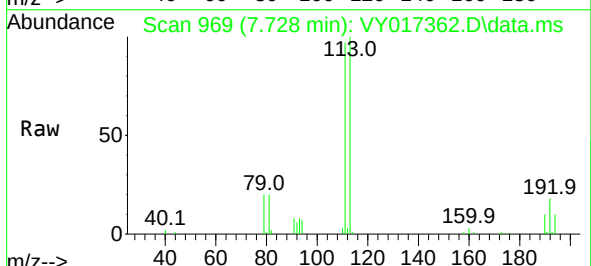
Tgt Ion:113 Resp: 36139

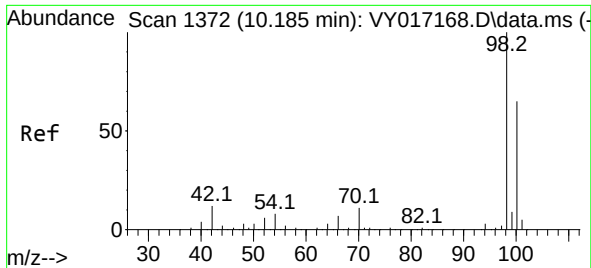
Ion Ratio Lower Upper

113 100

111 104.8 83.8 125.6

192 18.6 14.5 21.7

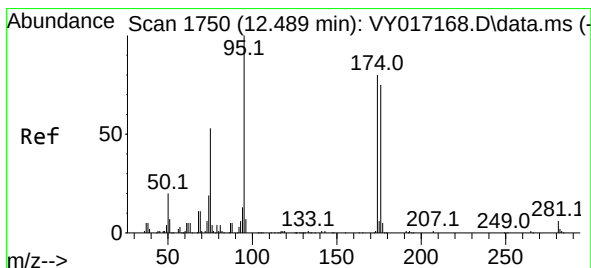
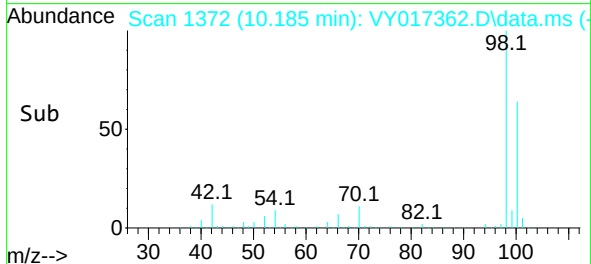
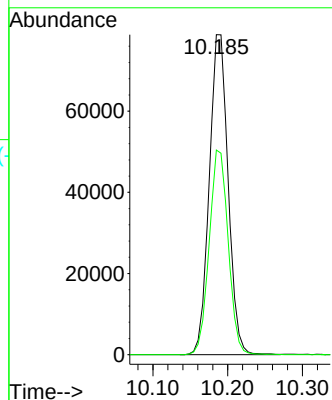
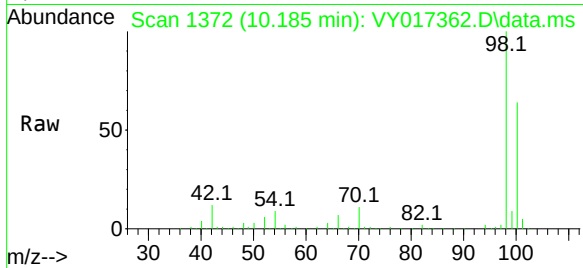




#50
Toluene-d8
Concen: 44.792 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

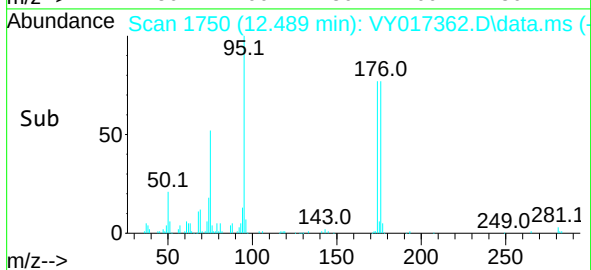
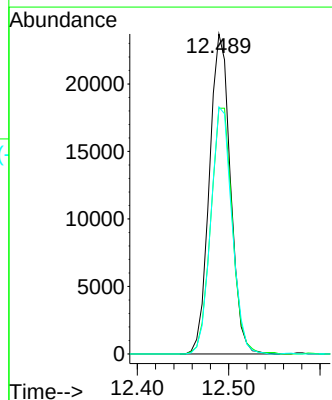
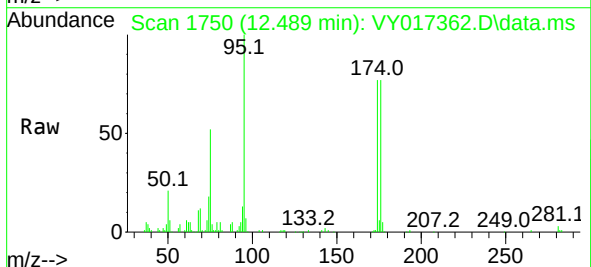
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MSVOA_Y
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RT3475

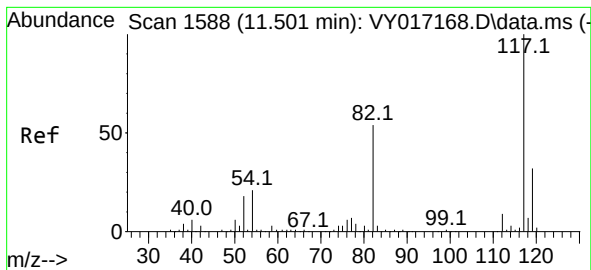
Tgt Ion: 98 Resp: 138172
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.412 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017362.D
Acq: 12 Feb 2024 18:41

Tgt Ion: 95 Resp: 37805
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 77.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017362.D

Acq: 12 Feb 2024 18:41

Instrument :

MSVOA_Y

ClientSampleId :

RT3475

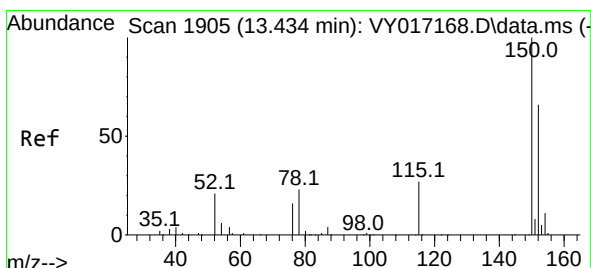
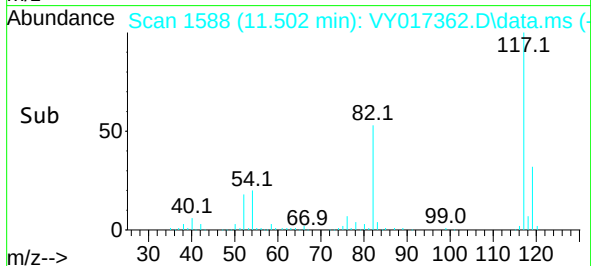
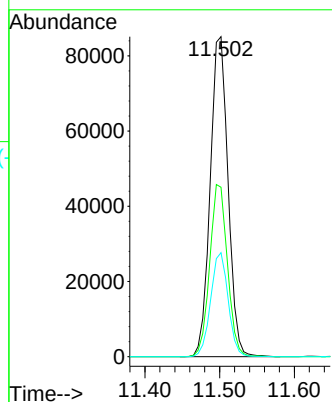
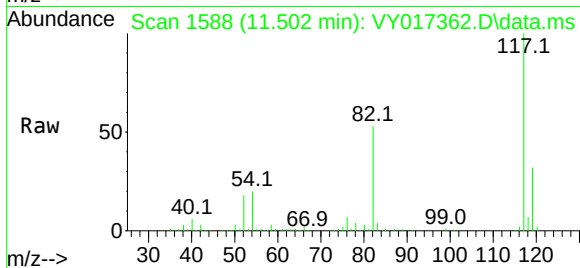
Tgt Ion:117 Resp: 140914

Ion Ratio Lower Upper

117 100

82 53.0 43.8 65.8

119 32.5 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: VY017362.D

Acq: 12 Feb 2024 18:41

Tgt Ion:152 Resp: 51444

Ion Ratio Lower Upper

152 100

115 57.7 30.0 90.0

150 157.0 0.0 344.6

