

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017352.D
 Acq On : 12 Feb 2024 14:40
 Operator : SY/MD
 Sample : VY0212SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBL01

Quant Time: Feb 12 15:05:02 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	91905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	141592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	55552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	43683	53.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.420%
35) Dibromofluoromethane	7.728	113	45489	49.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.840%
50) Toluene-d8	10.191	98	159074	47.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.940%
62) 4-Bromofluorobenzene	12.489	95	44841	40.845	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.700%

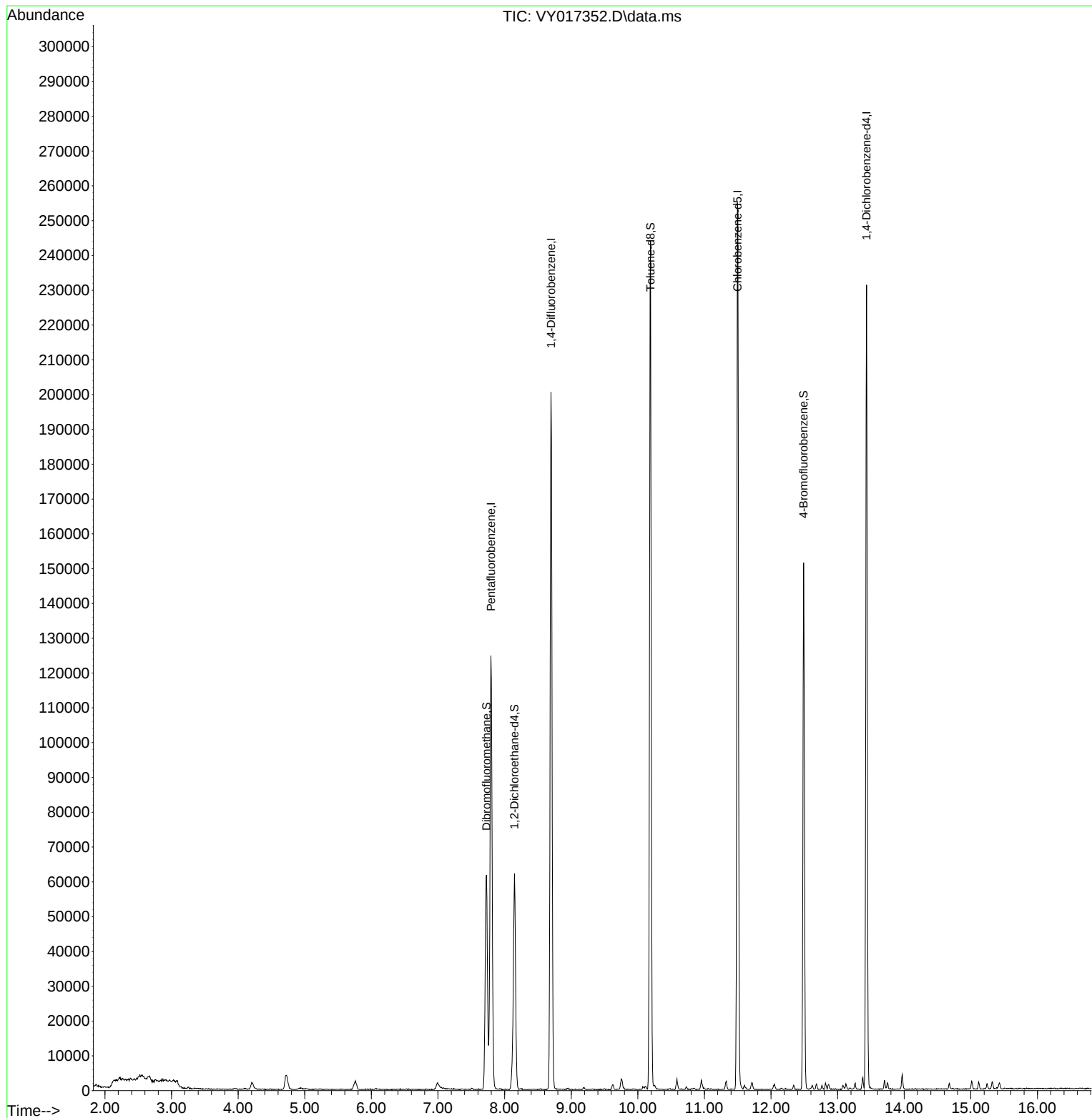
Target Compounds	Qvalue

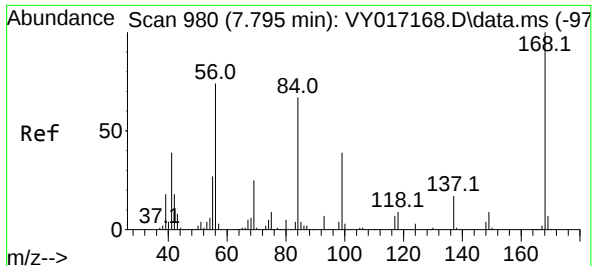
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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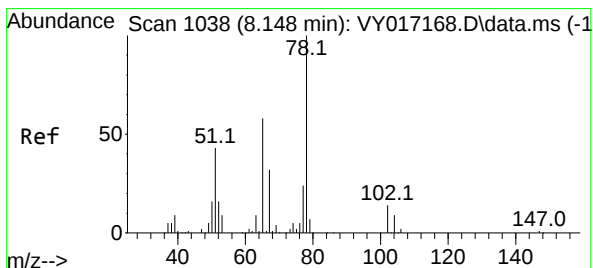
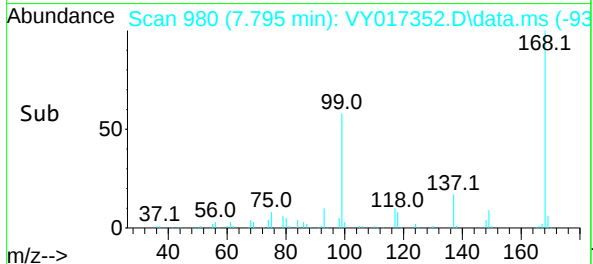
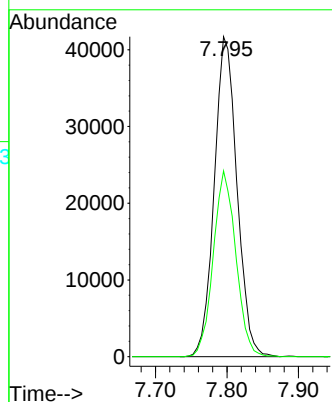
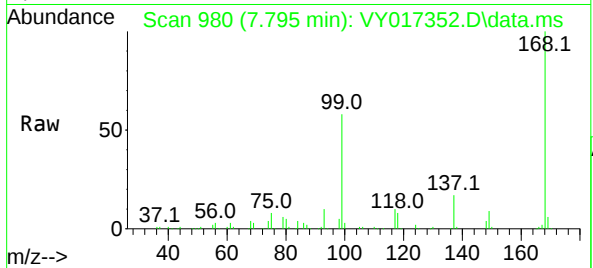




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017352.D
Acq: 12 Feb 2024 14:40

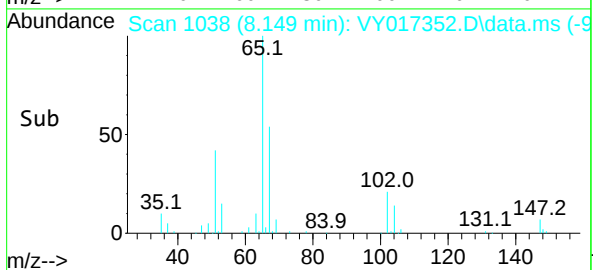
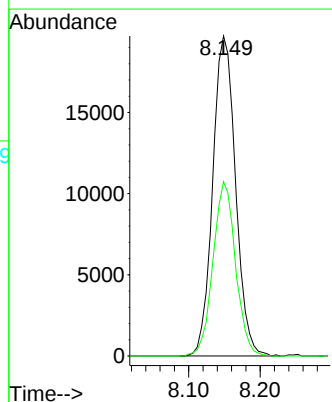
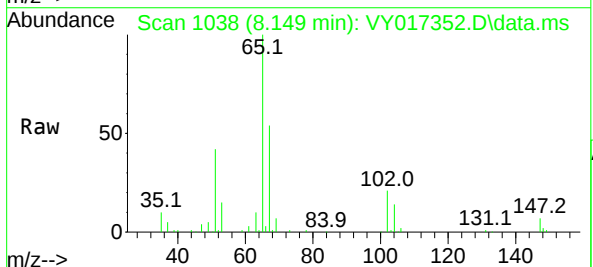
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBL01

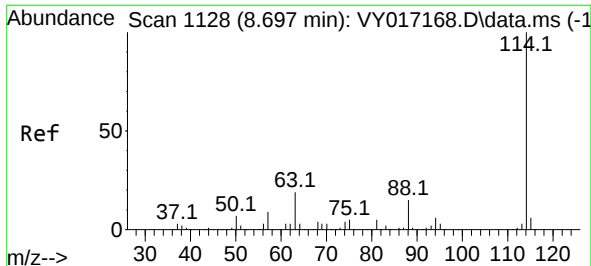
Tgt Ion:168 Resp: 91905
Ion Ratio Lower Upper
168 100
99 58.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 53.206 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017352.D
Acq: 12 Feb 2024 14:40

Tgt Ion: 65 Resp: 43683
Ion Ratio Lower Upper
65 100
67 53.7 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: VY017352.D

Acq: 12 Feb 2024 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBL01

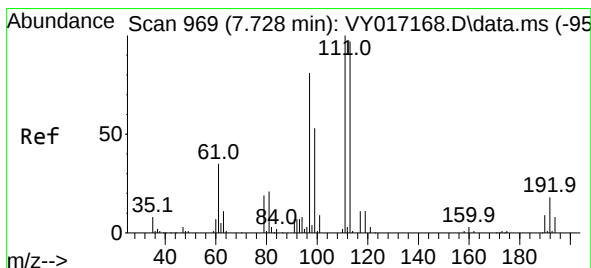
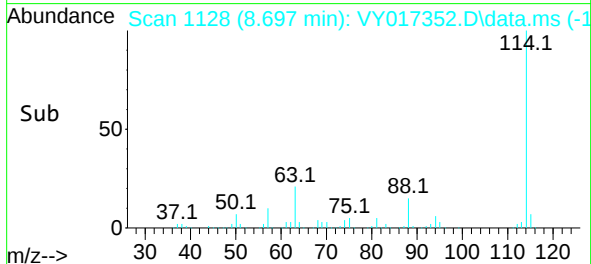
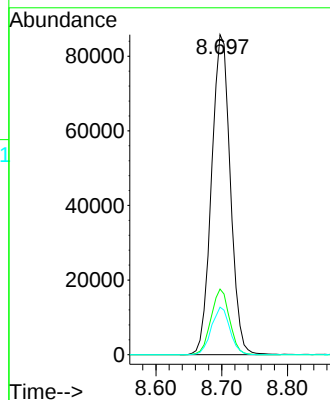
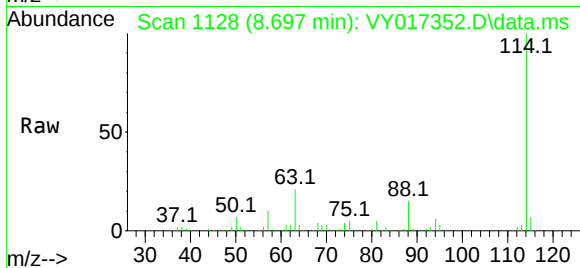
Tgt Ion:114 Resp: 170475

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.420 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017352.D

Acq: 12 Feb 2024 14:40

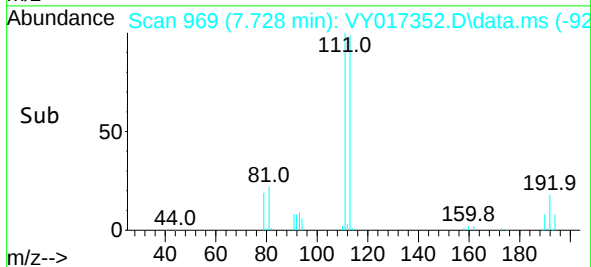
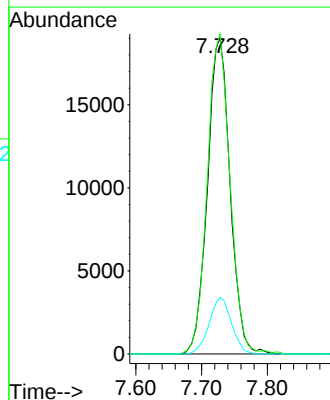
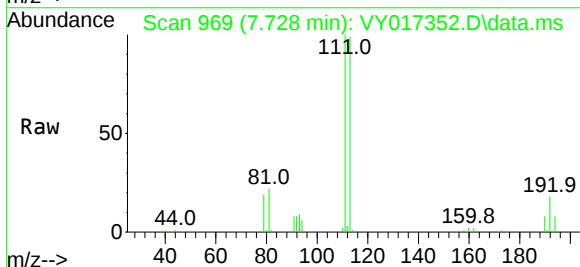
Tgt Ion:113 Resp: 45489

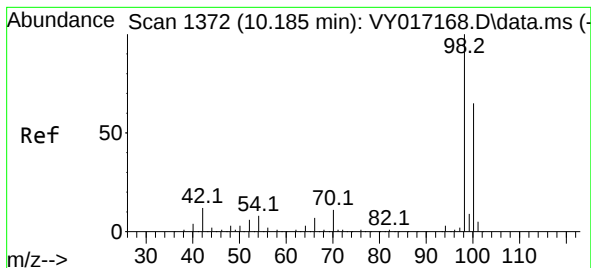
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 17.6 14.5 21.7





#50

Toluene-d8

Concen: 47.466 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017352.D

Acq: 12 Feb 2024 14:40

Instrument :

MSVOA_Y

ClientSampleId :

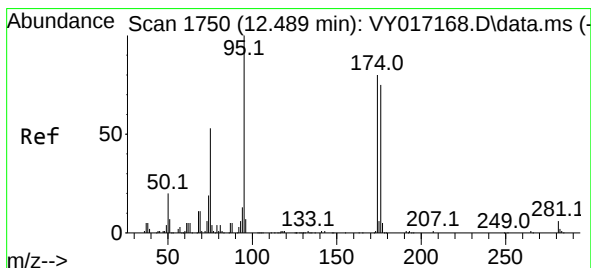
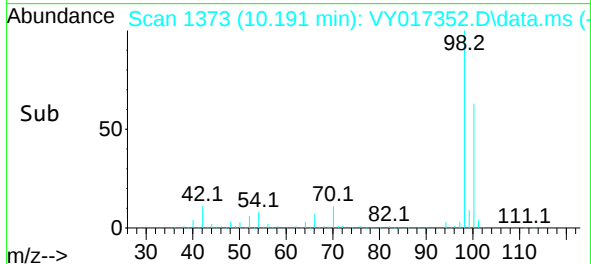
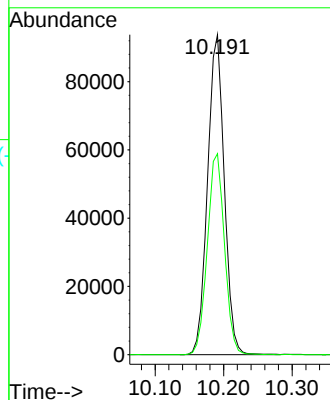
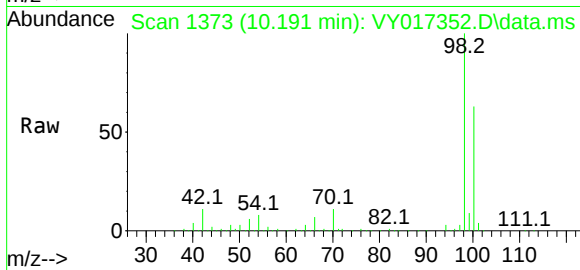
VY0212SBL01

Tgt Ion: 98 Resp: 159074

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 40.845 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017352.D

Acq: 12 Feb 2024 14:40

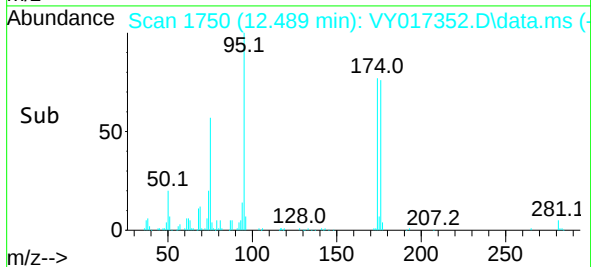
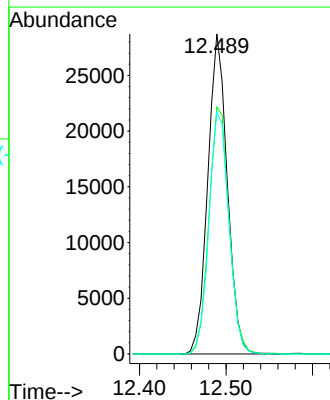
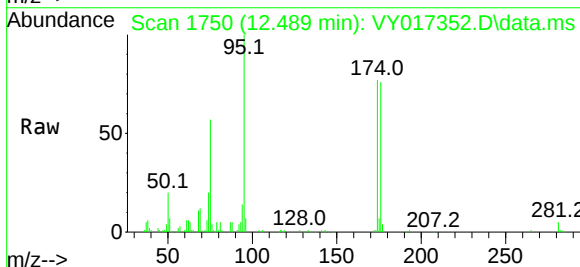
Tgt Ion: 95 Resp: 44841

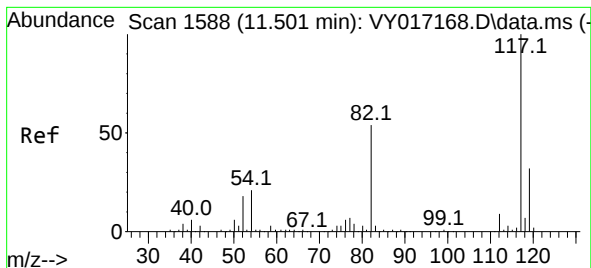
Ion Ratio Lower Upper

95 100

174 79.7 0.0 160.0

176 77.6 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: VY017352.D

Acq: 12 Feb 2024 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBL01

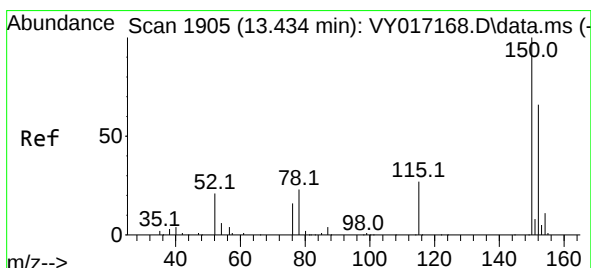
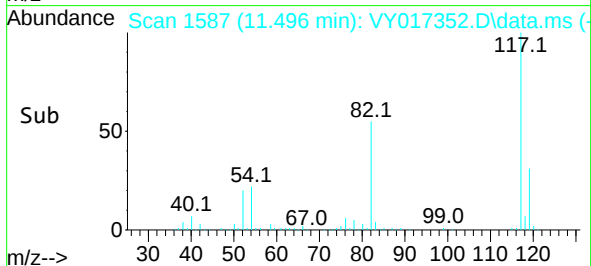
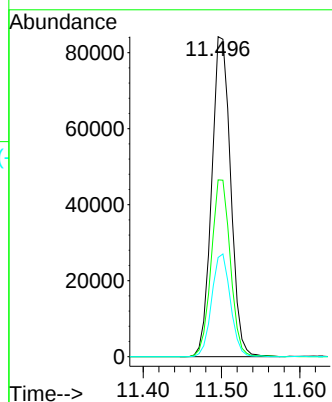
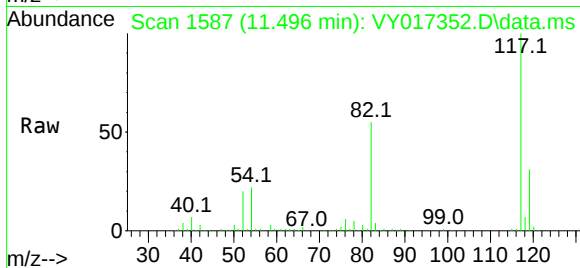
Tgt Ion:117 Resp: 141592

Ion Ratio Lower Upper

117 100

82 55.2 43.8 65.8

119 31.0 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: VY017352.D

Acq: 12 Feb 2024 14:40

Tgt Ion:152 Resp: 55552

Ion Ratio Lower Upper

152 100

115 61.0 30.0 90.0

150 156.1 0.0 344.6

