

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017324.D
 Acq On : 08 Feb 2024 19:46
 Operator : SY/MD
 Sample : P1394-02
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(3-4)

Quant Time: Feb 09 00:16:51 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	6878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1163	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2172	35.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.700%
35) Dibromofluoromethane	7.722	113	2280	44.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.000%
50) Toluene-d8	10.185	98	8150	44.179	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.360%
62) 4-Bromofluorobenzene	12.489	95	1217	20.139	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.280%

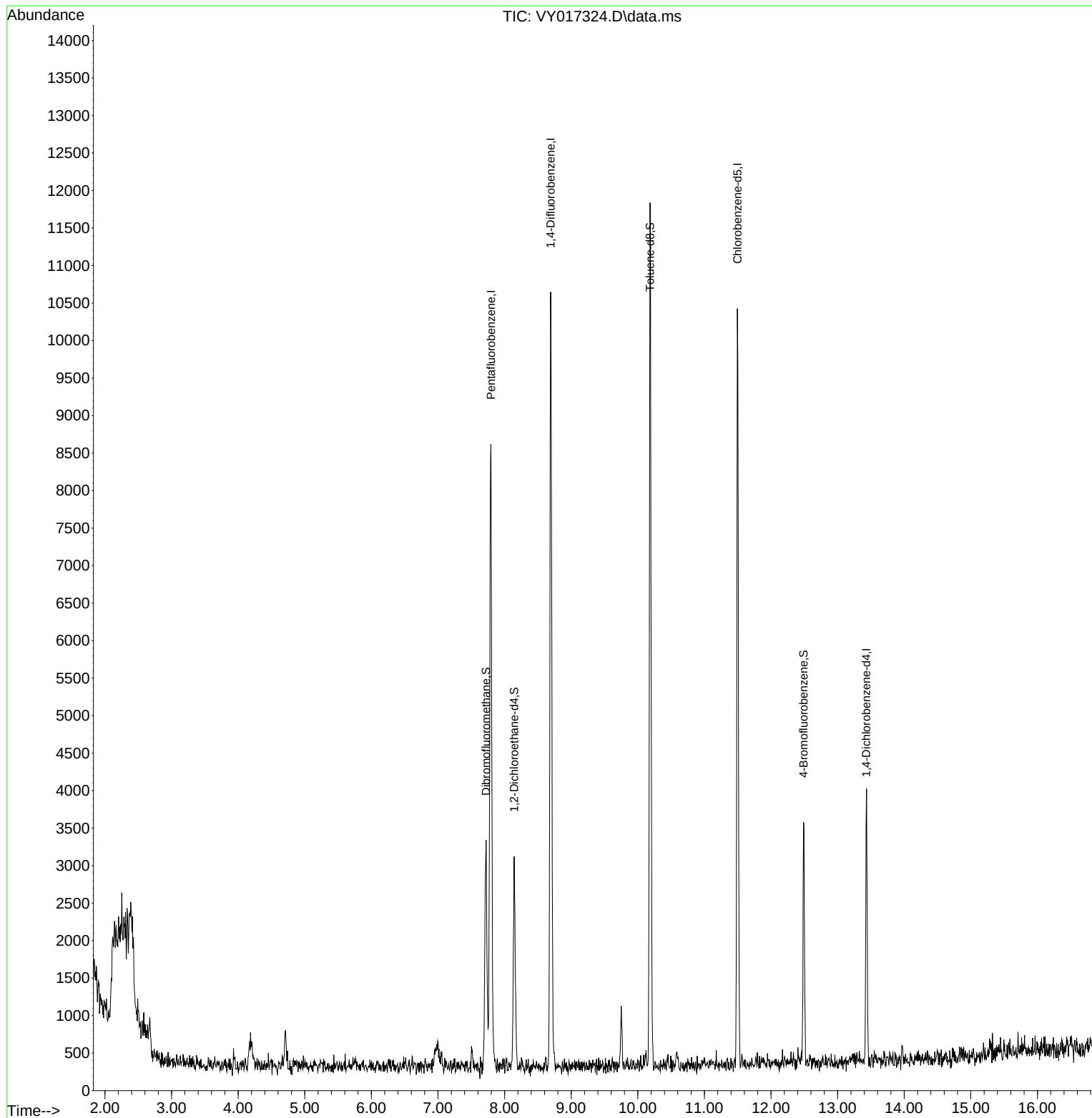
Target Compounds	Qvalue

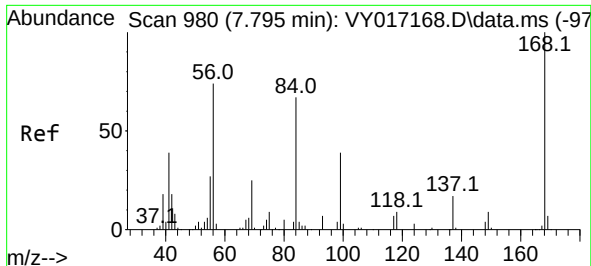
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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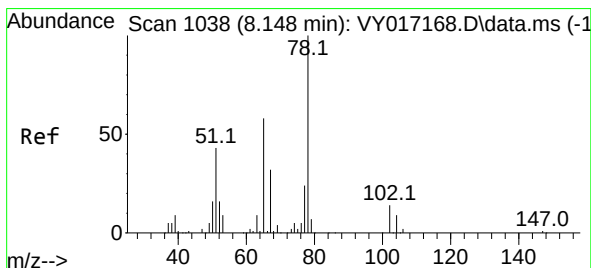
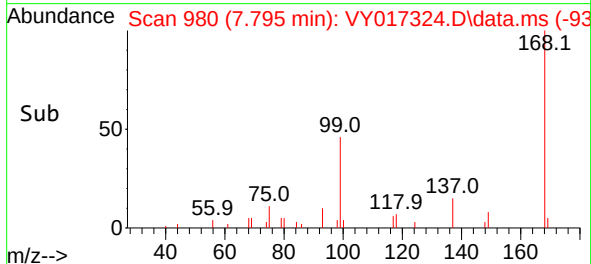
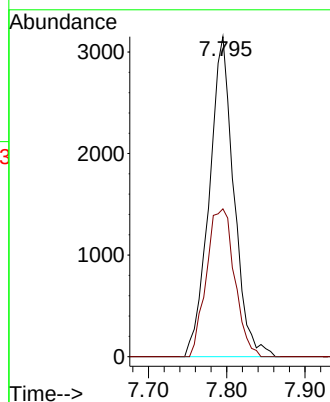
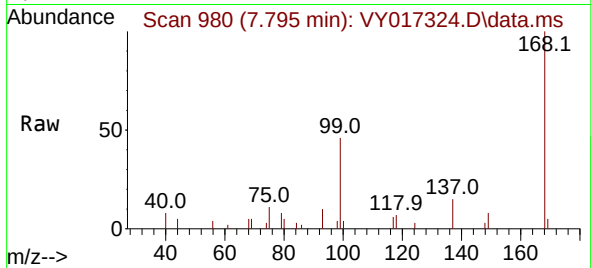




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017324.D
Acq: 08 Feb 2024 19:46

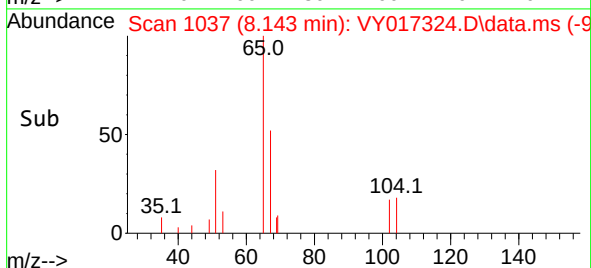
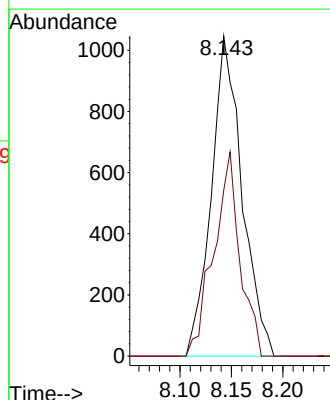
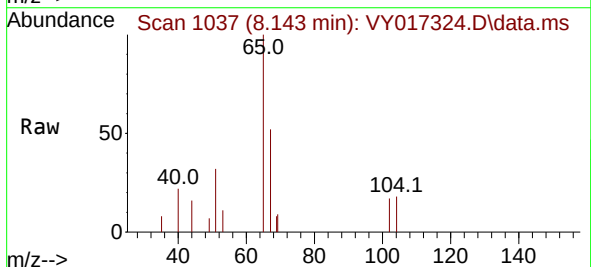
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(3-4)

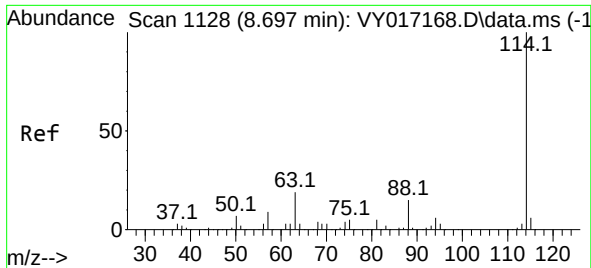
Tgt Ion:168 Resp: 6878
Ion Ratio Lower Upper
168 100
99 46.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 35.349 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017324.D
Acq: 08 Feb 2024 19:46

Tgt Ion: 65 Resp: 2172
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017324.D

Acq: 08 Feb 2024 19:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(3-4)

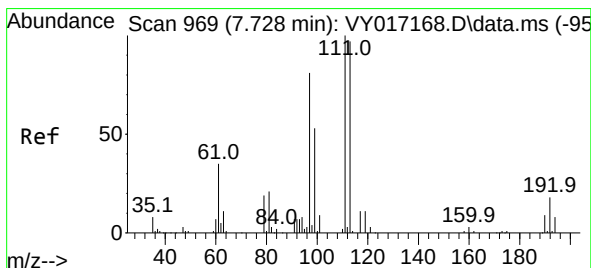
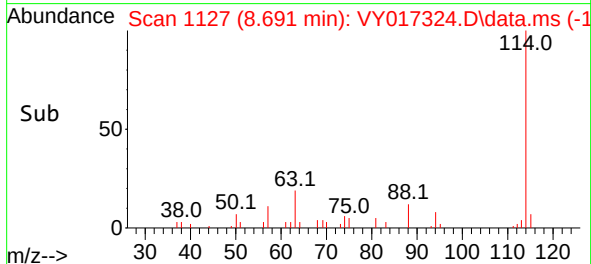
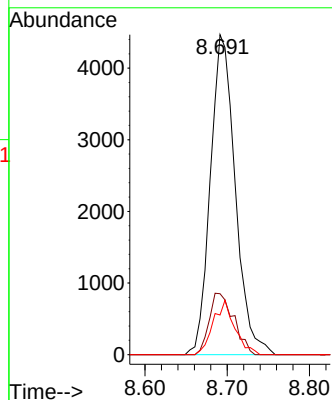
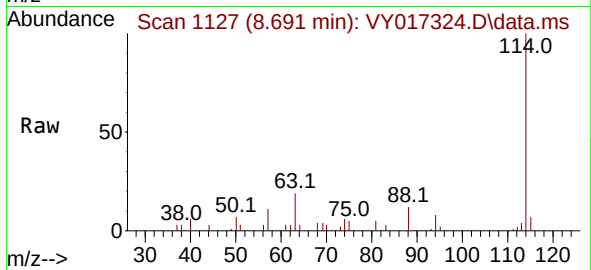
Tgt Ion:114 Resp: 9384

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 12.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.999 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017324.D

Acq: 08 Feb 2024 19:46

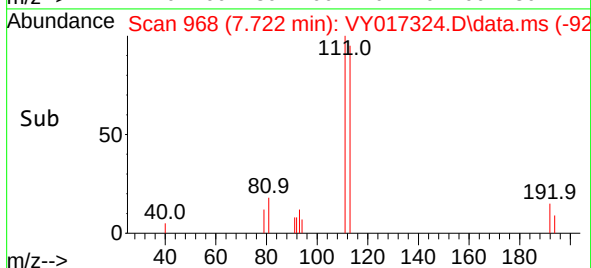
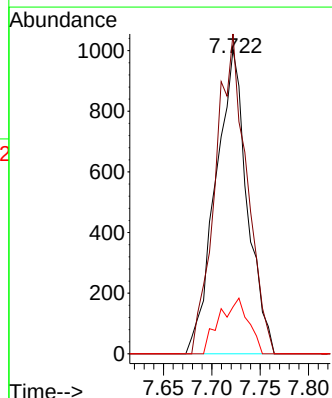
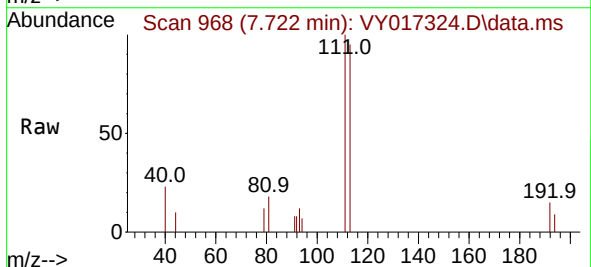
Tgt Ion:113 Resp: 2280

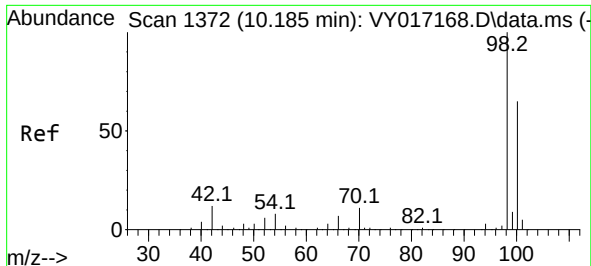
Ion Ratio Lower Upper

113 100

111 104.3 83.8 125.6

192 16.8 14.5 21.7

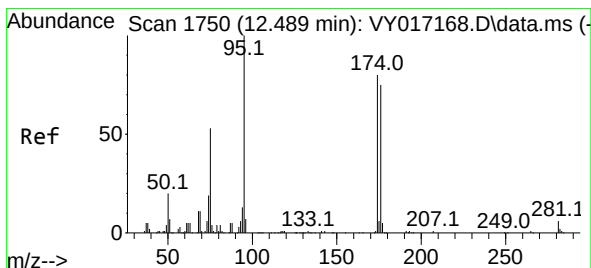
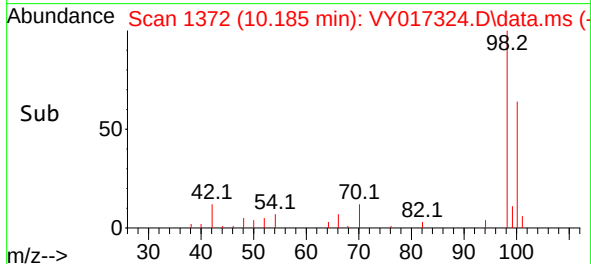
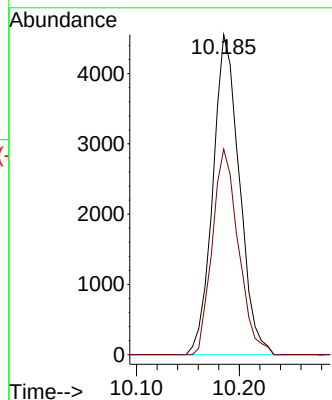
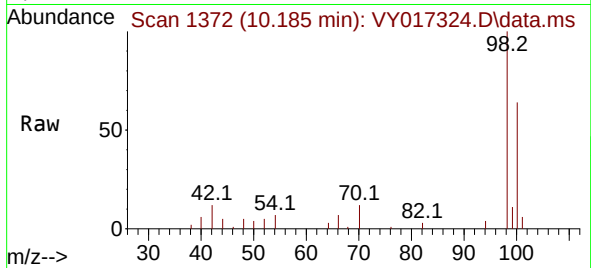




#50
Toluene-d8
Concen: 44.179 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017324.D
Acq: 08 Feb 2024 19:46

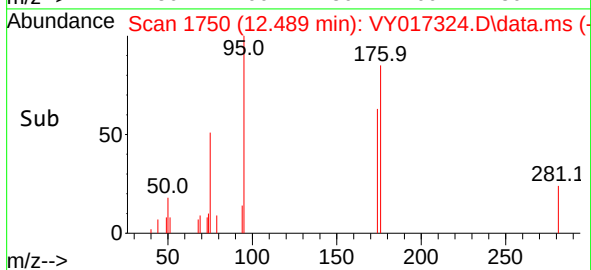
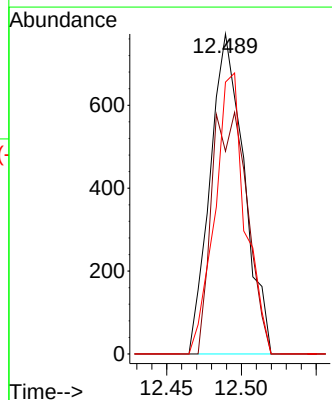
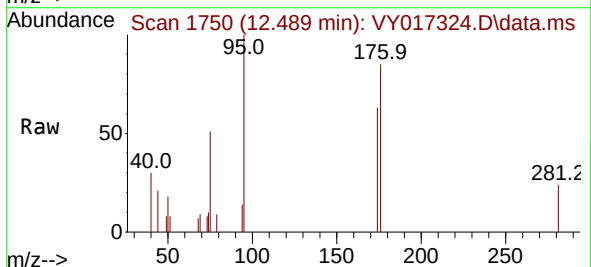
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MSVOA_Y
ClientSampleId :
SB-2(3-4)

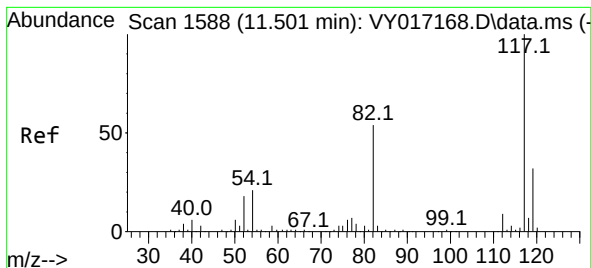
Tgt Ion: 98 Resp: 8150
Ion Ratio Lower Upper
98 100
100 63.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 20.139 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017324.D
Acq: 08 Feb 2024 19:46

Tgt Ion: 95 Resp: 1217
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 79.0 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: VY017324.D

Acq: 08 Feb 2024 19:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(3-4)

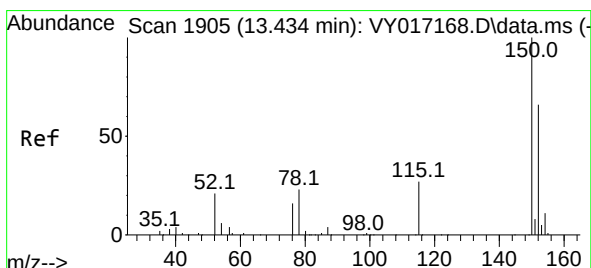
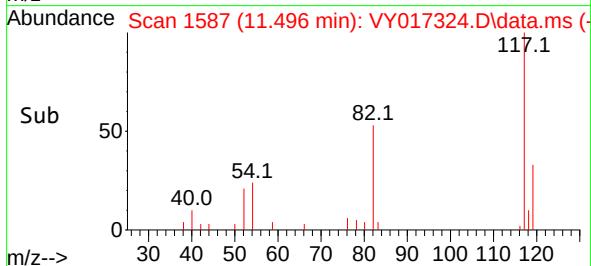
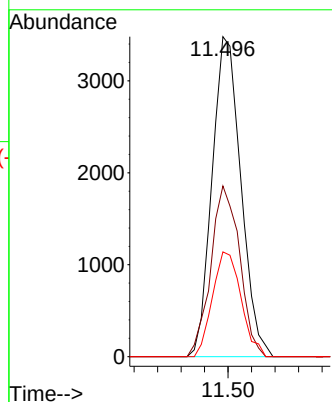
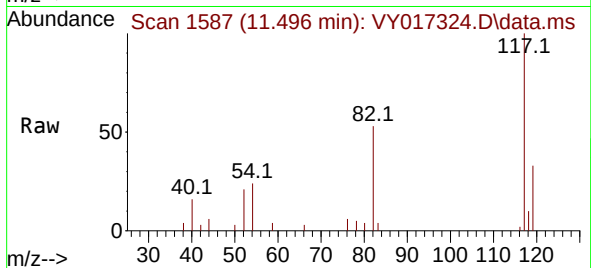
Tgt Ion:117 Resp: 5927

Ion Ratio Lower Upper

117 100

82 53.4 43.8 65.8

119 32.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017324.D

Acq: 08 Feb 2024 19:46

Tgt Ion:152 Resp: 1163

Ion Ratio Lower Upper

152 100

115 66.3 30.0 90.0

150 141.5 0.0 344.6

