

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017264.D
 Acq On : 06 Feb 2024 15:02
 Operator : SY/MD
 Sample : P1356-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-020224RE

Quant Time: Feb 07 00:08:53 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	7.801	168	41432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	71305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	58227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	20004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	22683	61.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.560%
35) Dibromofluoromethane	7.728	113	24478	63.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.160%
50) Toluene-d8	10.191	98	82331	58.734	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.460%
62) 4-Bromofluorobenzene	12.489	95	20465	44.567	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.140%

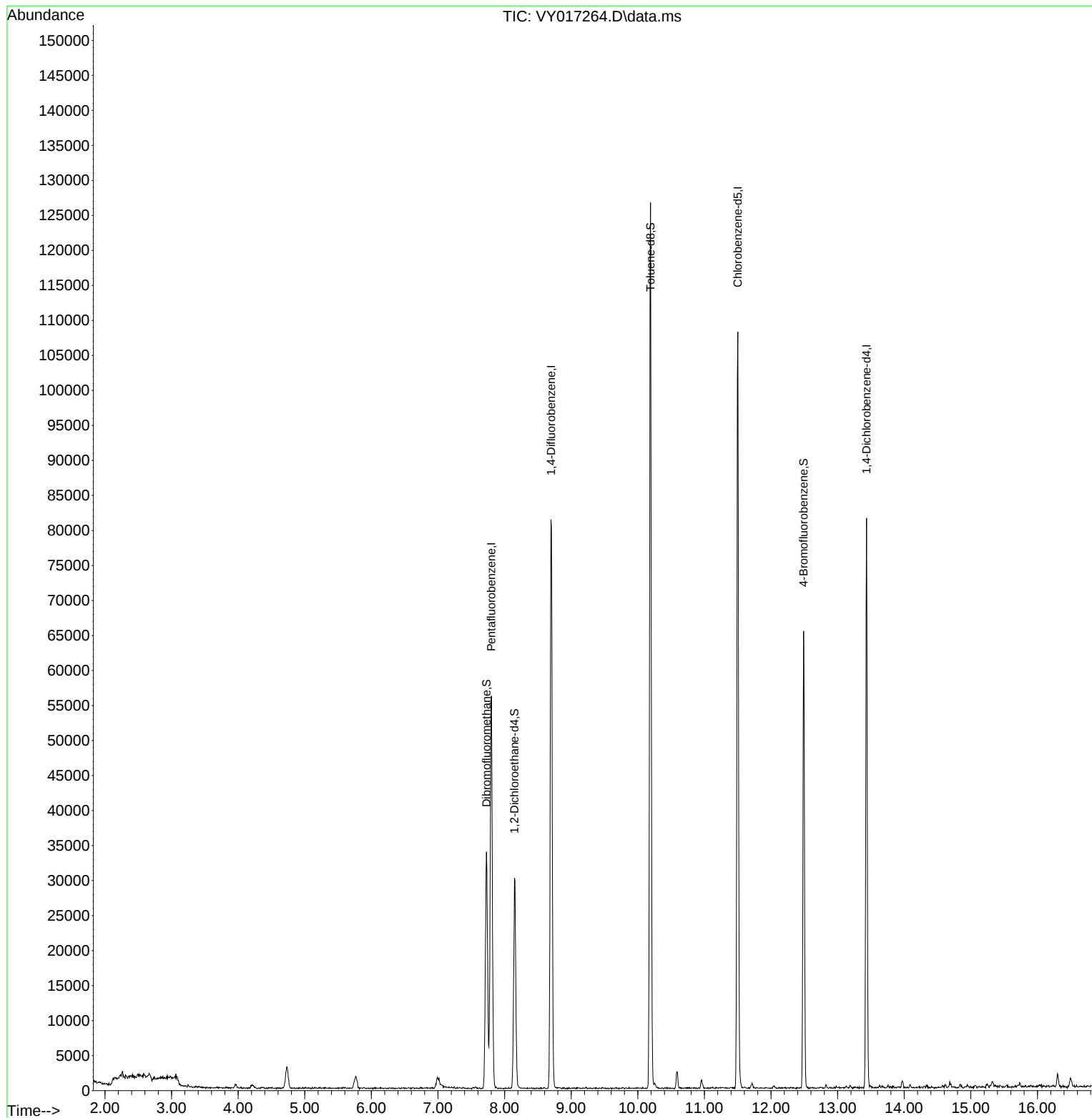
Target Compounds	Qvalue

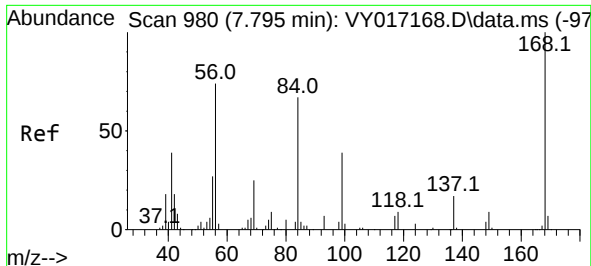
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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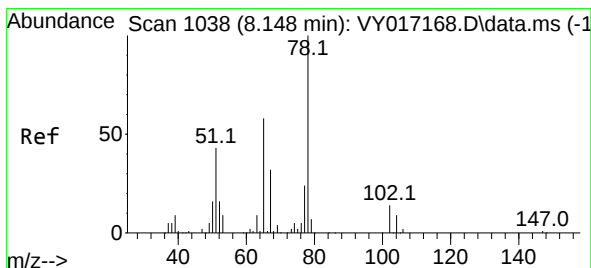
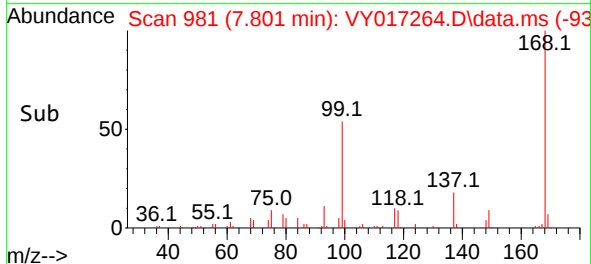
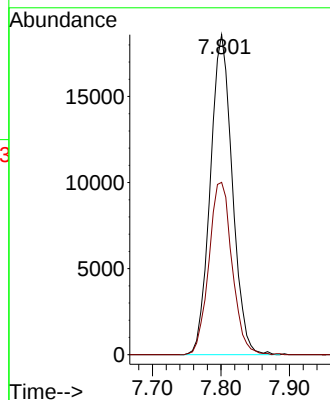
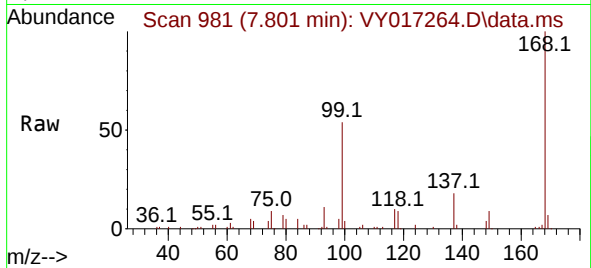




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017264.D
Acq: 06 Feb 2024 15:02

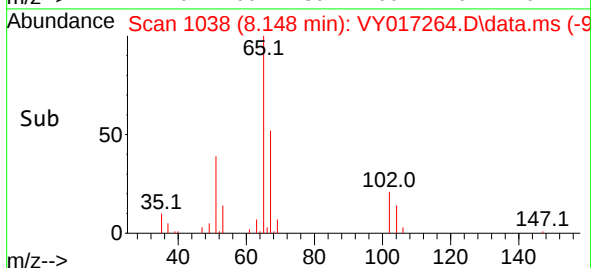
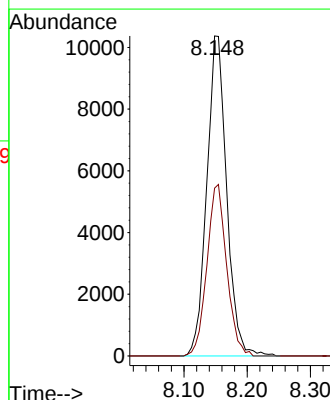
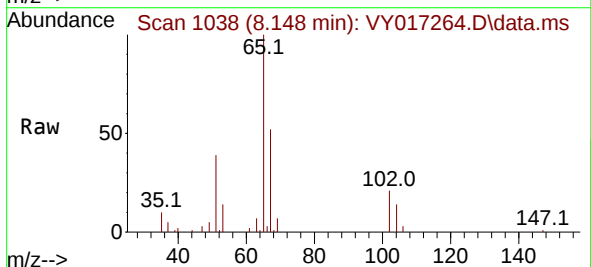
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-020224RE

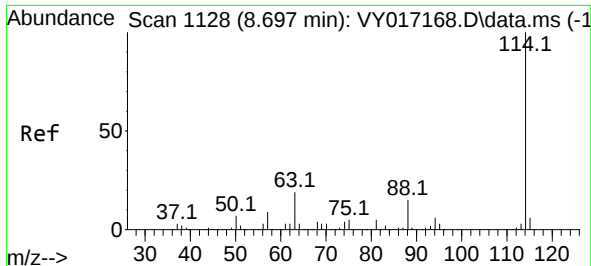
Tgt Ion:168 Resp: 41432
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 61.284 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017264.D
Acq: 06 Feb 2024 15:02

Tgt Ion: 65 Resp: 22683
Ion Ratio Lower Upper
65 100
67 53.3 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: VY017264.D

Acq: 06 Feb 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-020224RE

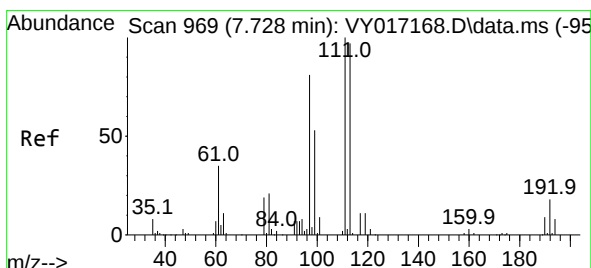
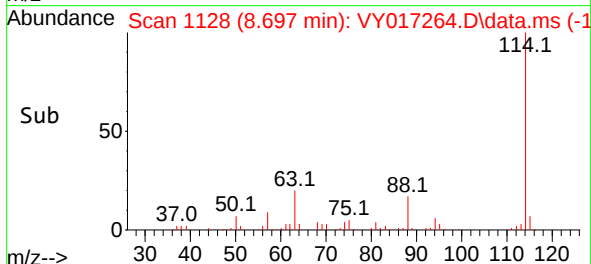
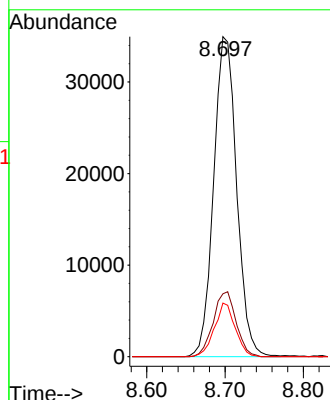
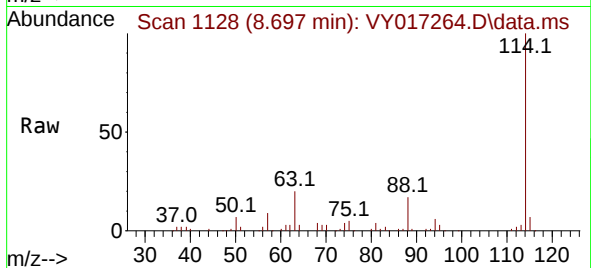
Tgt Ion:114 Resp: 71305

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 16.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 63.579 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017264.D

Acq: 06 Feb 2024 15:02

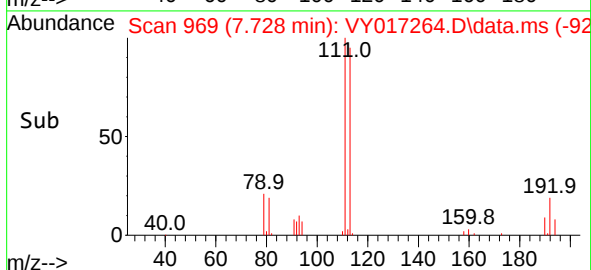
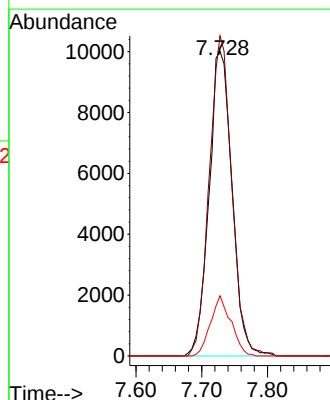
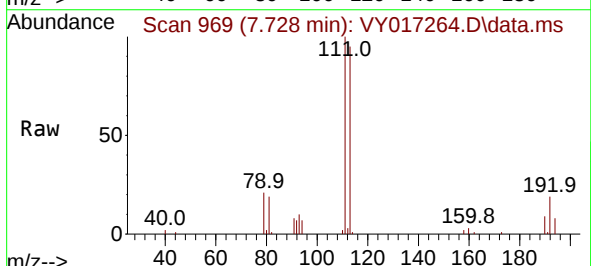
Tgt Ion:113 Resp: 24478

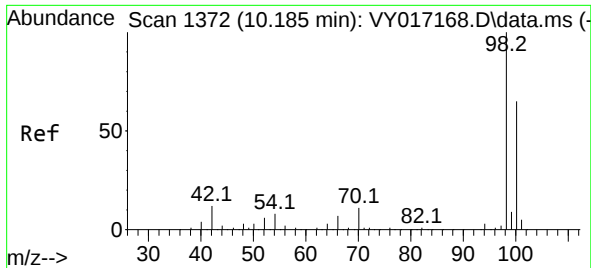
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 17.6 14.5 21.7

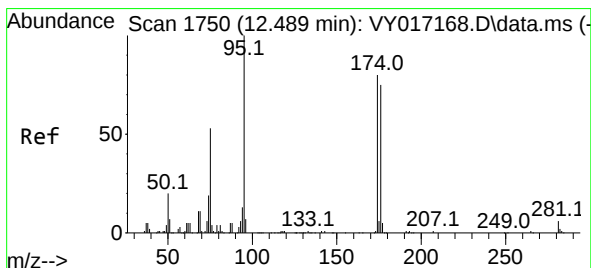
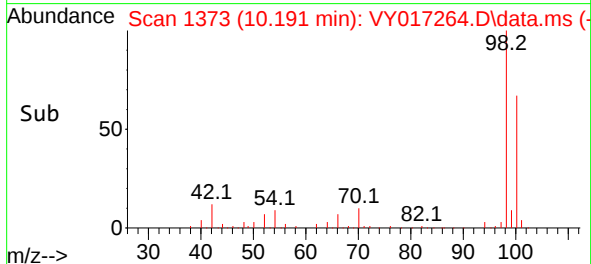
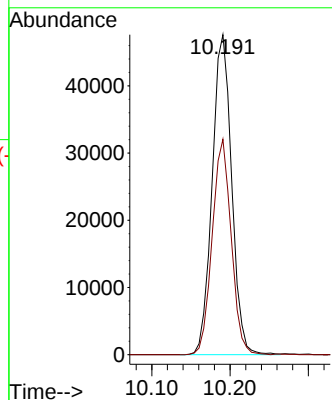
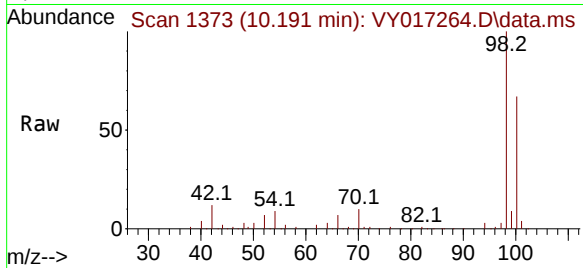




#50
Toluene-d8
Concen: 58.734 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017264.D
Acq: 06 Feb 2024 15:02

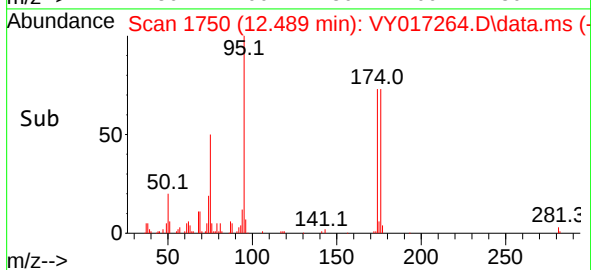
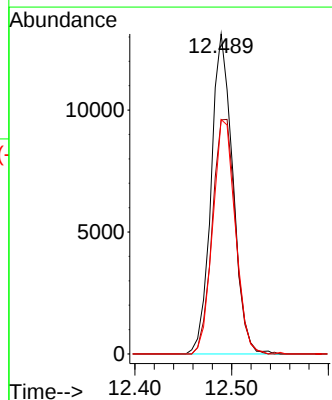
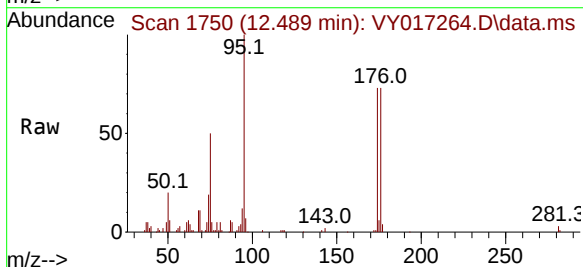
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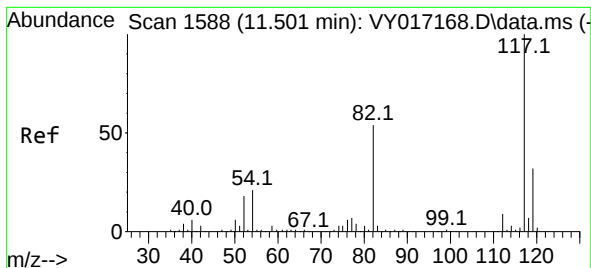
Tgt Ion: 98 Resp: 82331
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.567 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017264.D
Acq: 06 Feb 2024 15:02

Tgt Ion: 95 Resp: 20465
Ion Ratio Lower Upper
95 100
174 78.2 0.0 160.0
176 75.8 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: VY017264.D

Acq: 06 Feb 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-020224RE

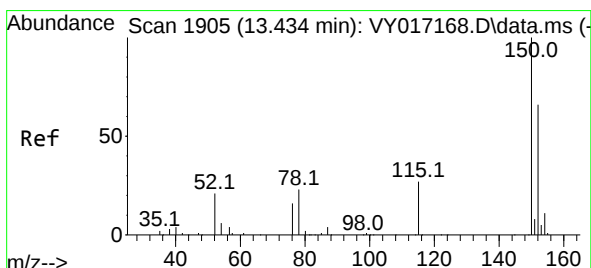
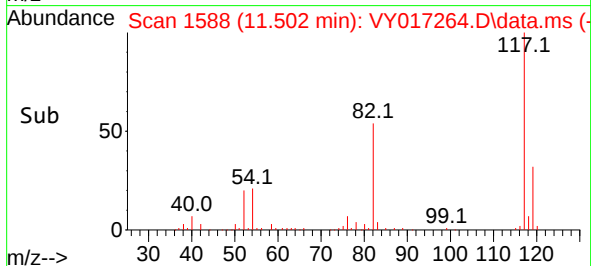
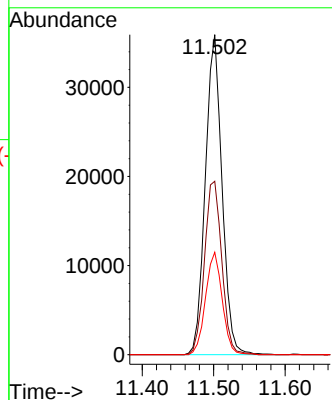
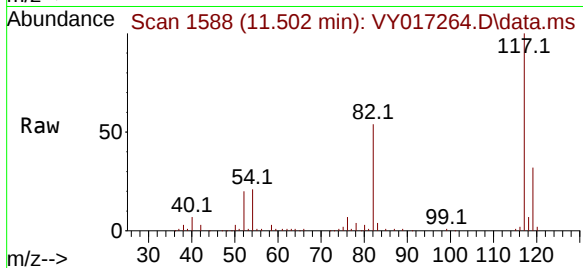
Tgt Ion:117 Resp: 58227

Ion Ratio Lower Upper

117 100

82 54.2 43.8 65.8

119 32.0 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: VY017264.D

Acq: 06 Feb 2024 15:02

Tgt Ion:152 Resp: 20004

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 157.8 0.0 344.6

