

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018868.D
 Acq On : 18 Jul 2024 16:32
 Operator : SY/MD
 Sample : P3294-05
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-4-071724

Quant Time: Jul 19 01:41:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	1634	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	2434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2294	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	242	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1090	67.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.580%
35) Dibromofluoromethane	7.704	113	800	52.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.960%
50) Toluene-d8	10.179	98	2899	50.194	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.483	95	561	28.443	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.880%

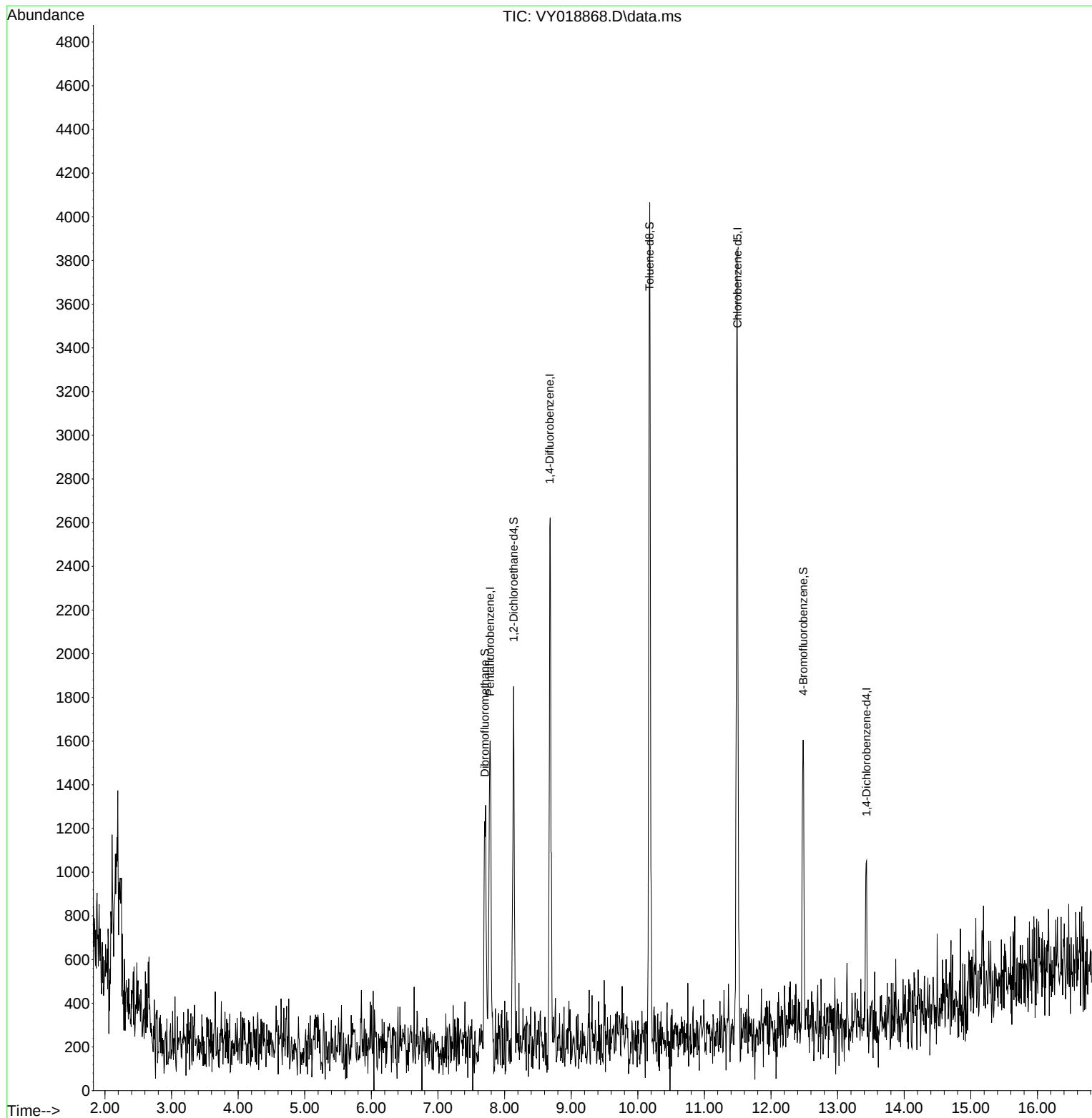
Target Compounds	Qvalue

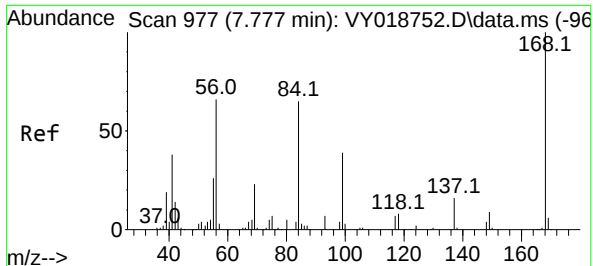
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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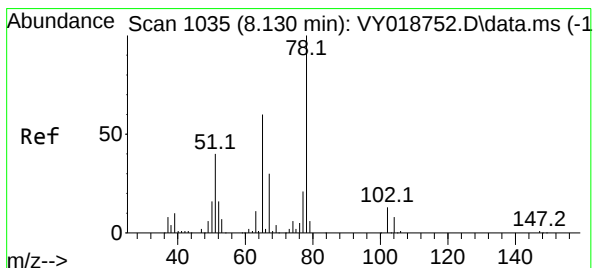
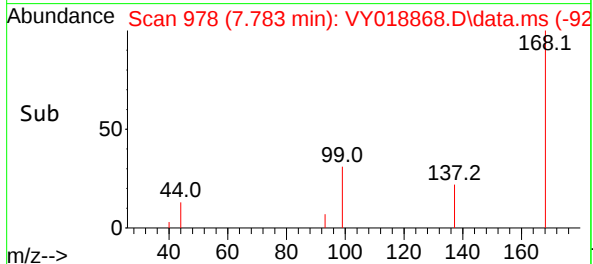
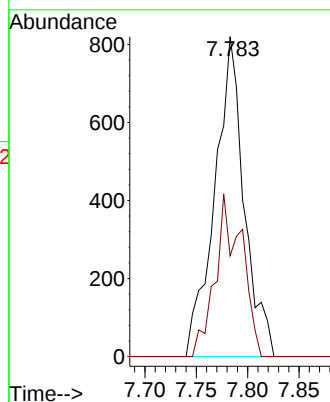
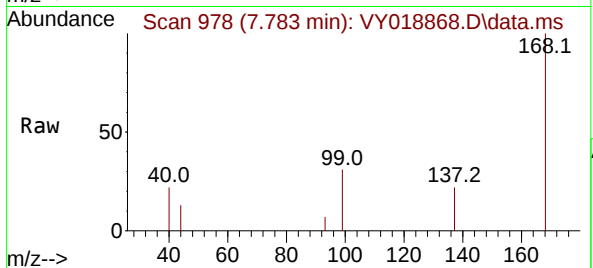




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

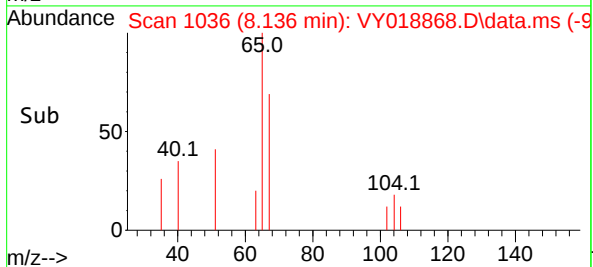
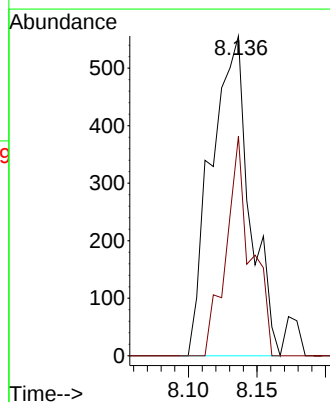
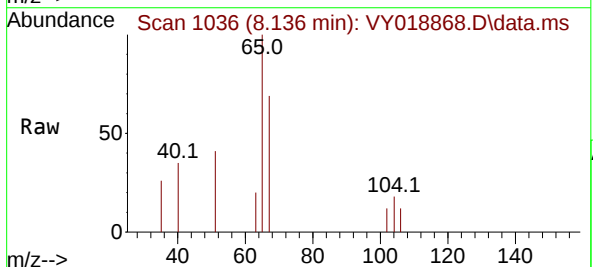
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-071724

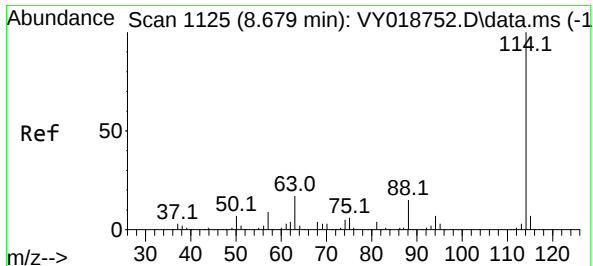
Tgt Ion:168 Resp: 1634
Ion Ratio Lower Upper
168 100
99 31.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 67.791 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

Tgt Ion: 65 Resp: 1090
Ion Ratio Lower Upper
65 100
67 44.3 0.0 109.6

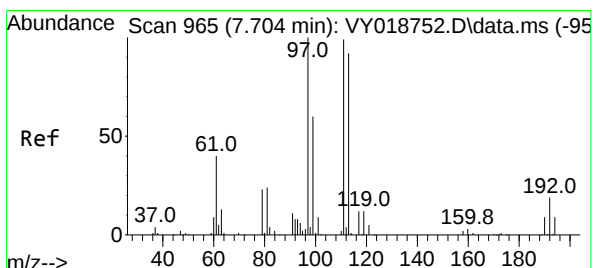
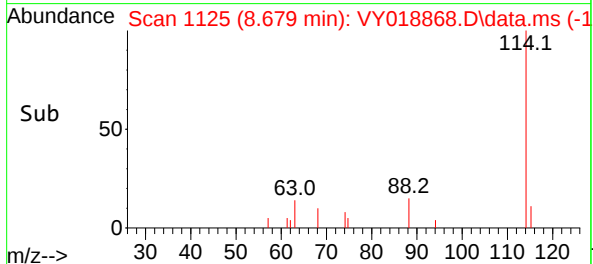
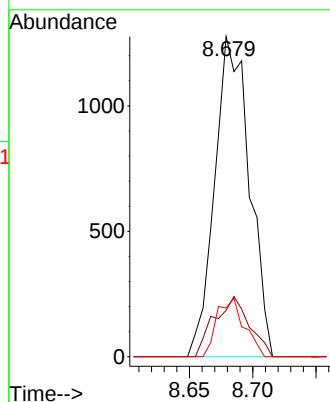
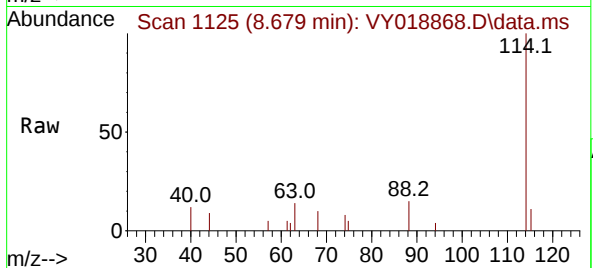




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

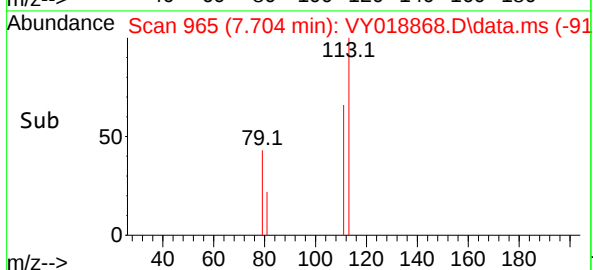
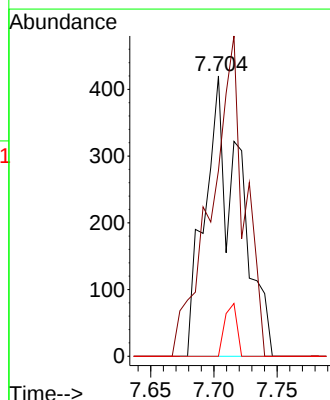
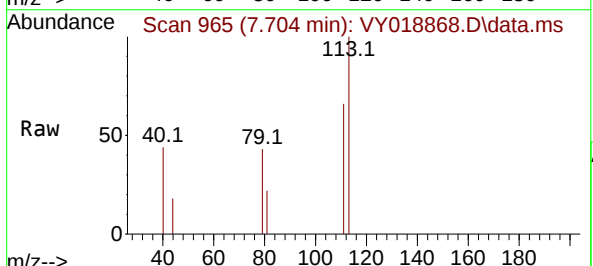
Instrument :
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ClientSampleId :
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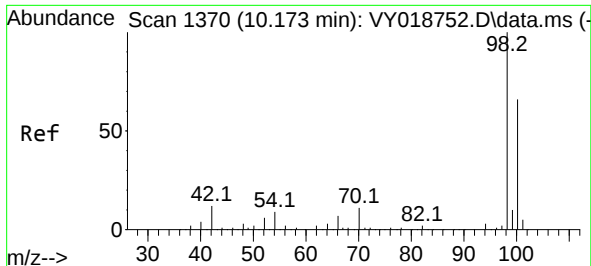
Tgt Ion:114 Resp: 2434
Ion Ratio Lower Upper
114 100
63 14.5 0.0 35.0
88 15.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.477 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

Tgt Ion:113 Resp: 800
Ion Ratio Lower Upper
113 100
111 109.5 82.2 123.4
192 6.5 15.9 23.9#

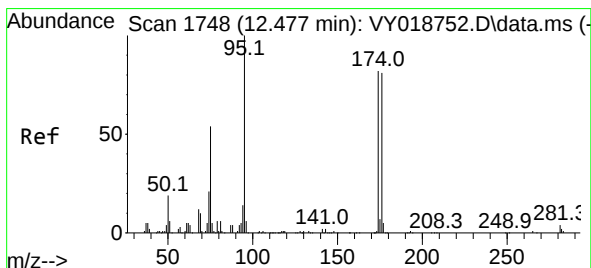
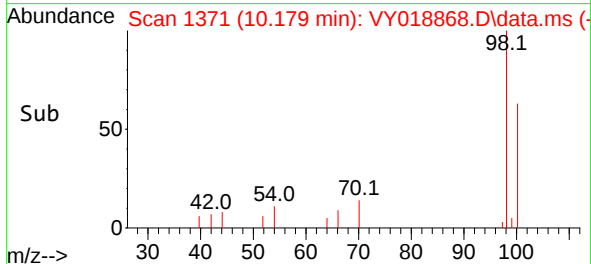
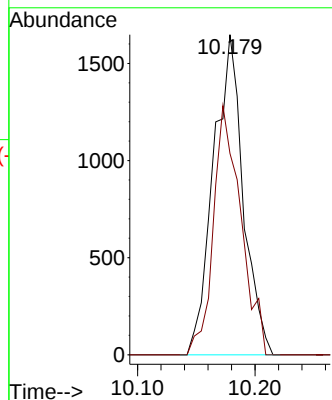
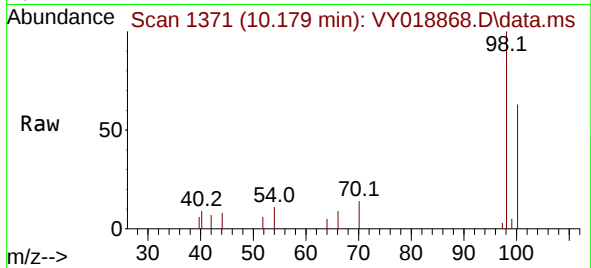




#50
Toluene-d8
Concen: 50.194 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

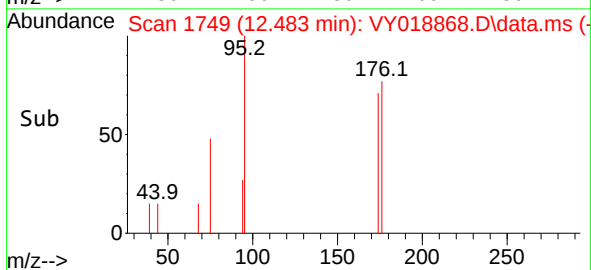
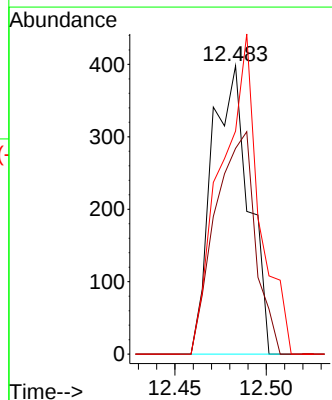
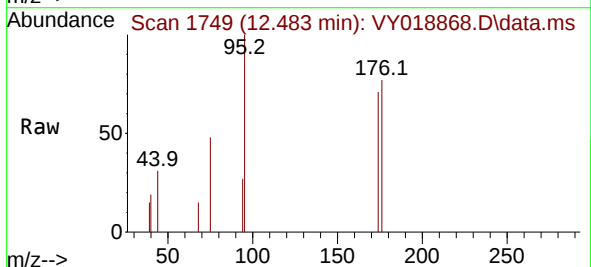
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-071724

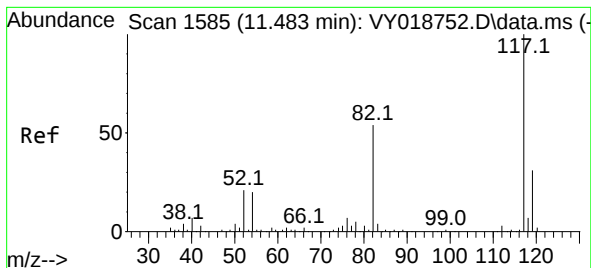
Tgt Ion: 98 Resp: 2899
Ion Ratio Lower Upper
98 100
100 71.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.443 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

Tgt Ion: 95 Resp: 561
Ion Ratio Lower Upper
95 100
174 83.4 0.0 175.6
176 113.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY018868.D

Acq: 18 Jul 2024 16:32

Instrument :

MSVOA_Y

ClientSampleId :

HR-4-071724

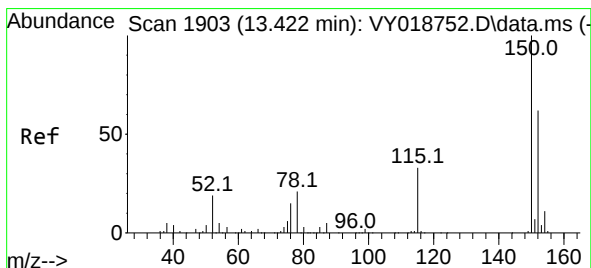
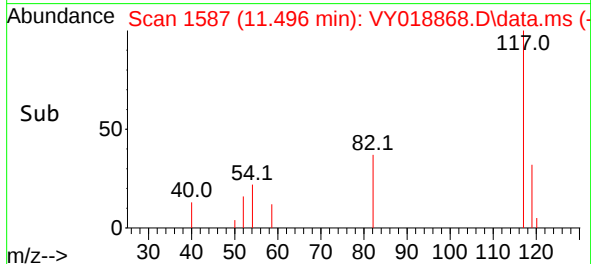
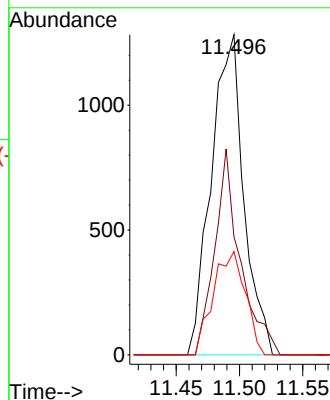
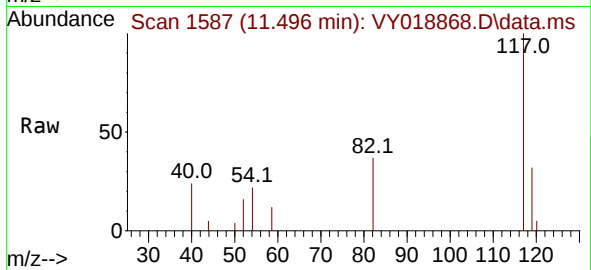
Tgt Ion:117 Resp: 2294

Ion Ratio Lower Upper

117 100

82 36.9 42.4 63.6#

119 32.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY018868.D

Acq: 18 Jul 2024 16:32

Tgt Ion:152 Resp: 242

Ion Ratio Lower Upper

152 100

115 81.4 28.2 84.7

150 177.7 0.0 345.6

