

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012439.D
 Acq On : 01 Feb 2023 13:53
 Operator : KP/MD
 Sample : 01374-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-3-13123-B

Quant Time: Feb 01 23:04:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	4248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	8353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4038	120.200	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	240.400%#
35) Dibromofluoromethane	7.716	113	1457	35.287	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.580%
50) Toluene-d8	10.179	98	9450	67.577	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	135.160%
62) 4-Bromofluorobenzene	12.483	95	3021	51.901	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.800%

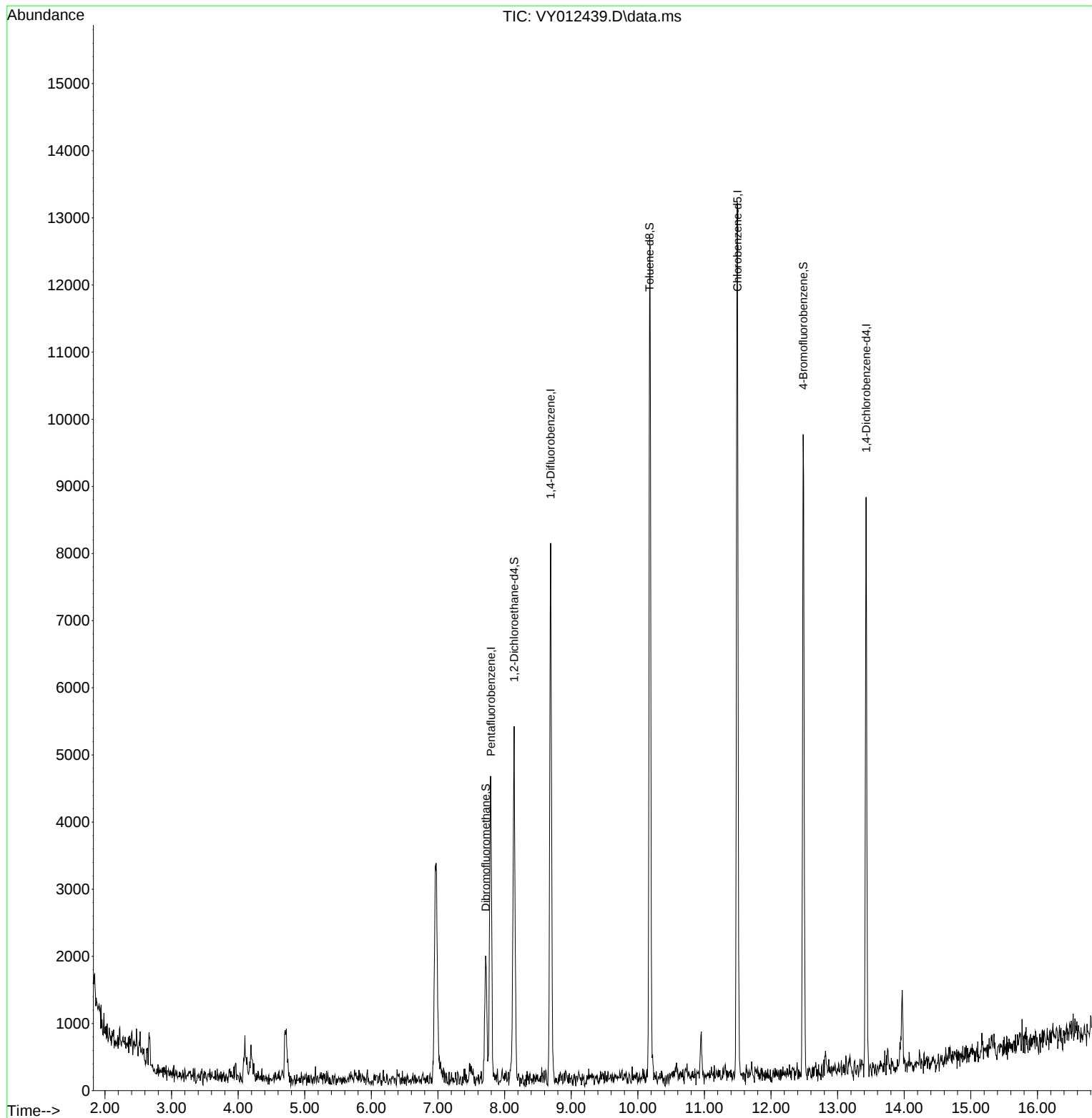
Target Compounds	Qvalue

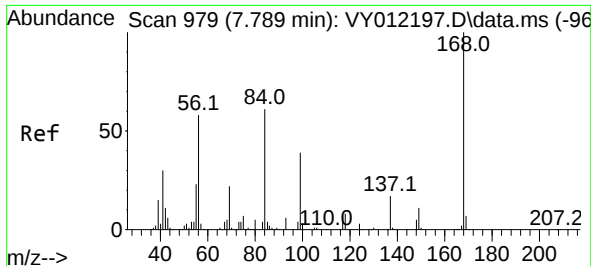
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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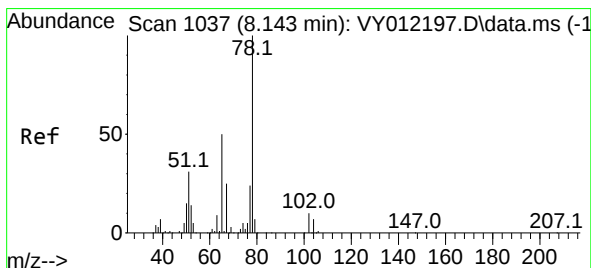
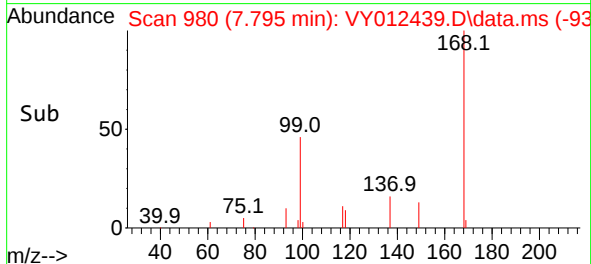
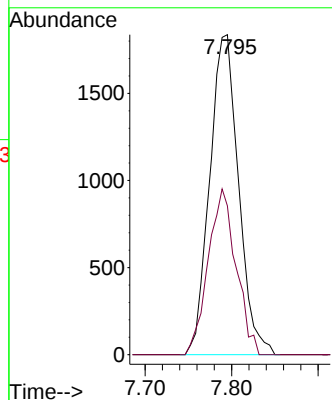
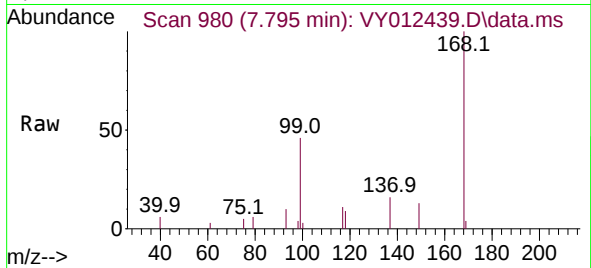




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012439.D
Acq: 01 Feb 2023 13:53

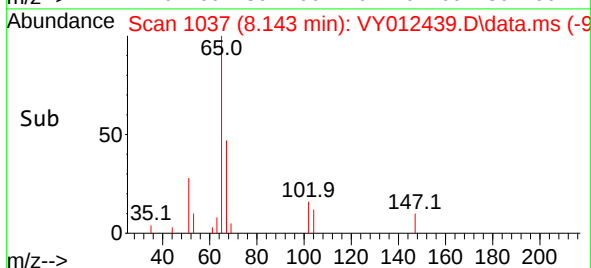
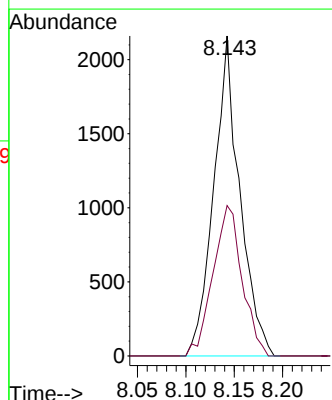
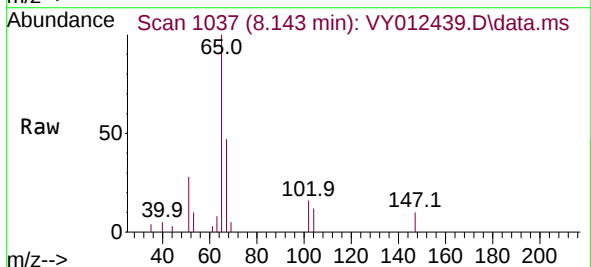
Instrument :
MSVOA_Y
ClientSampleId :
JC-3-13123-B

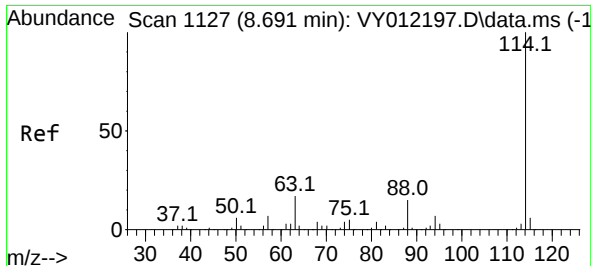
Tgt Ion:168 Resp: 4248
Ion Ratio Lower Upper
168 100
99 46.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 120.200 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012439.D
Acq: 01 Feb 2023 13:53

Tgt Ion: 65 Resp: 4038
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012439.D

Acq: 01 Feb 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

JC-3-13123-B

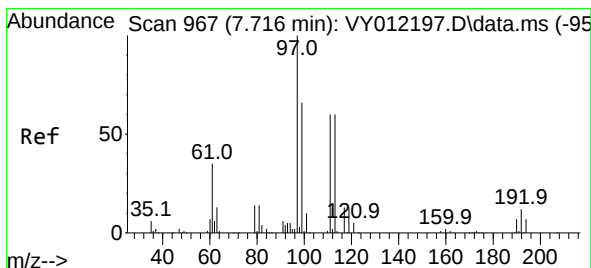
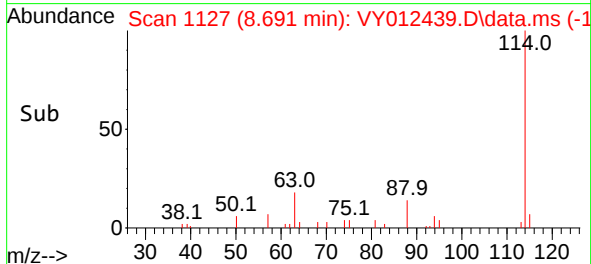
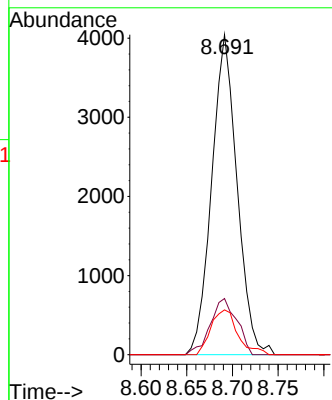
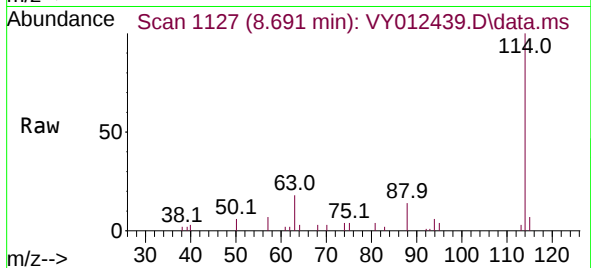
Tgt Ion:114 Resp: 7798

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 35.287 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012439.D

Acq: 01 Feb 2023 13:53

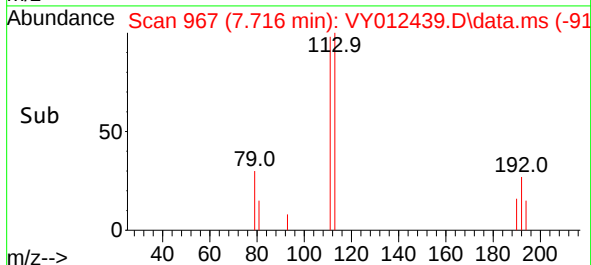
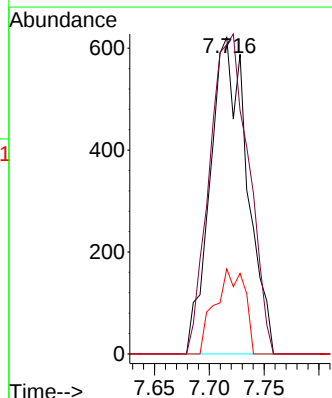
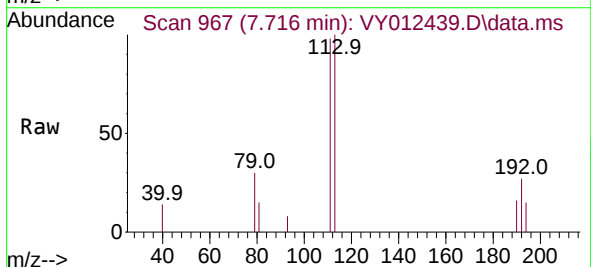
Tgt Ion:113 Resp: 1457

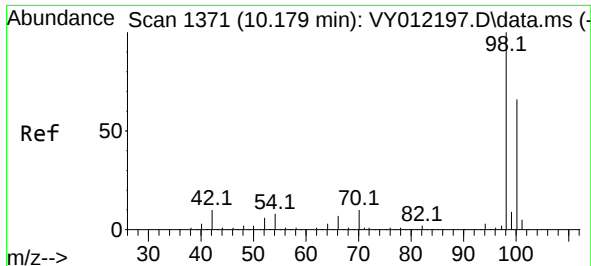
Ion Ratio Lower Upper

113 100

111 106.7 83.0 124.4

192 21.4 16.0 24.0

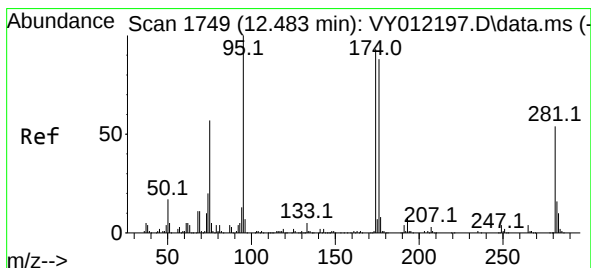
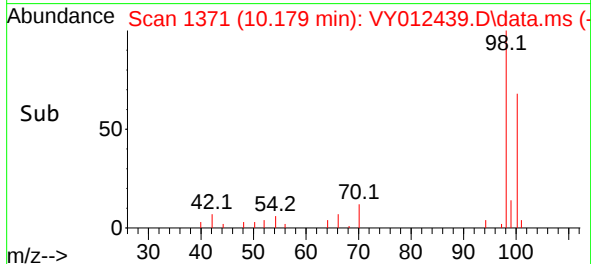
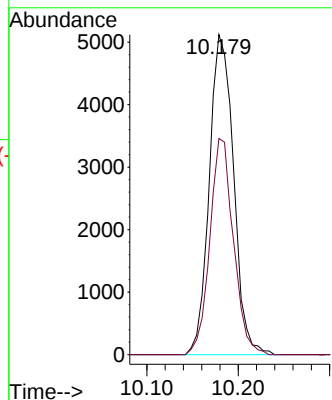
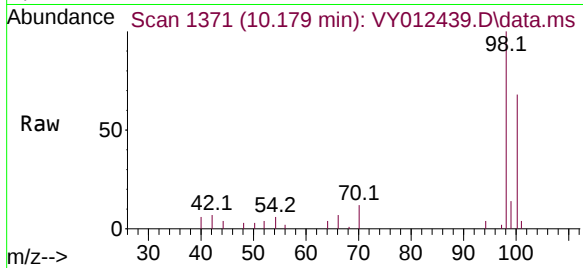




#50
Toluene-d8
Concen: 67.577 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012439.D
Acq: 01 Feb 2023 13:53

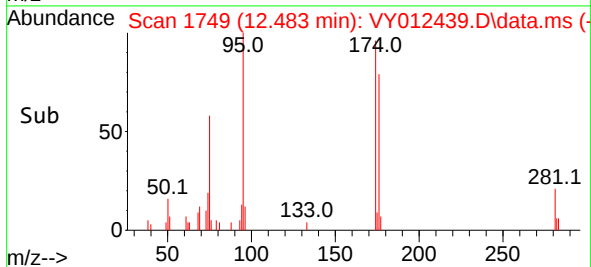
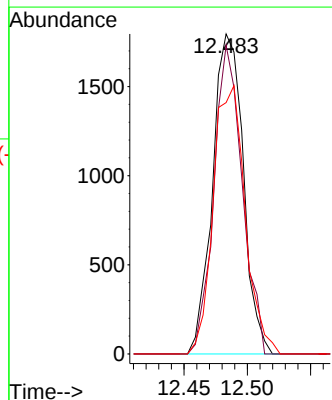
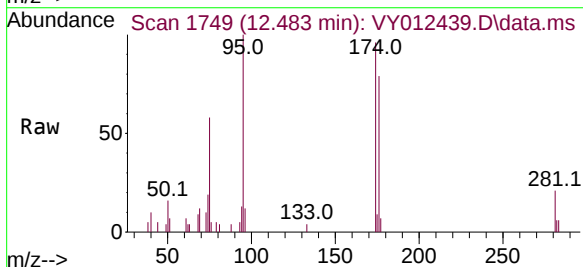
Instrument :
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ClientSampleId :
JC-3-13123-B

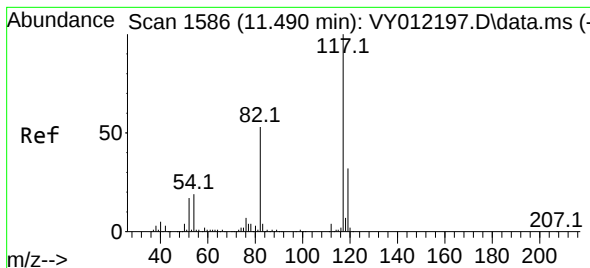
Tgt Ion: 98 Resp: 9450
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.901 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012439.D
Acq: 01 Feb 2023 13:53

Tgt Ion: 95 Resp: 3021
Ion Ratio Lower Upper
95 100
174 89.1 0.0 172.0
176 87.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012439.D

Acq: 01 Feb 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

JC-3-13123-B

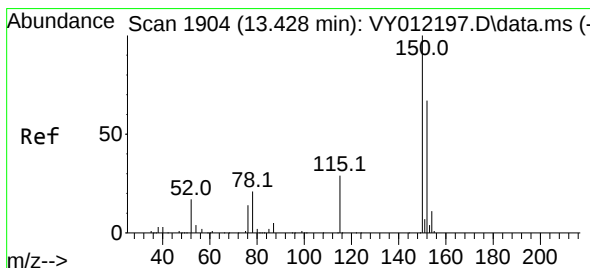
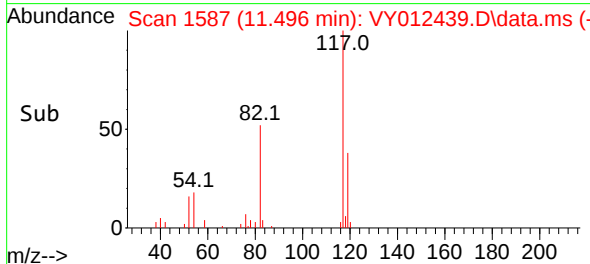
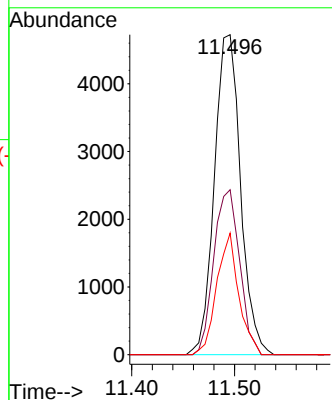
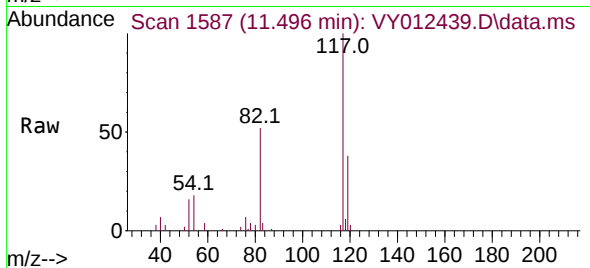
Tgt Ion:117 Resp: 8353

Ion Ratio Lower Upper

117 100

82 51.6 44.8 67.2

119 38.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012439.D

Acq: 01 Feb 2023 13:53

Tgt Ion:152 Resp: 2520

Ion Ratio Lower Upper

152 100

115 58.5 29.1 87.3

150 166.3 0.0 342.6

