

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013358.D
 Acq On : 19 Apr 2023 20:13
 Operator : KP/MD
 Sample : 02389-10
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPB-3WC-23-04-17

Quant Time: Apr 20 06:58:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	211977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	356683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134087	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133501	52.405	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.820%
35) Dibromofluoromethane	7.716	113	122950	53.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.480%
50) Toluene-d8	10.179	98	423368	49.257	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.477	95	130364	46.681	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.360%

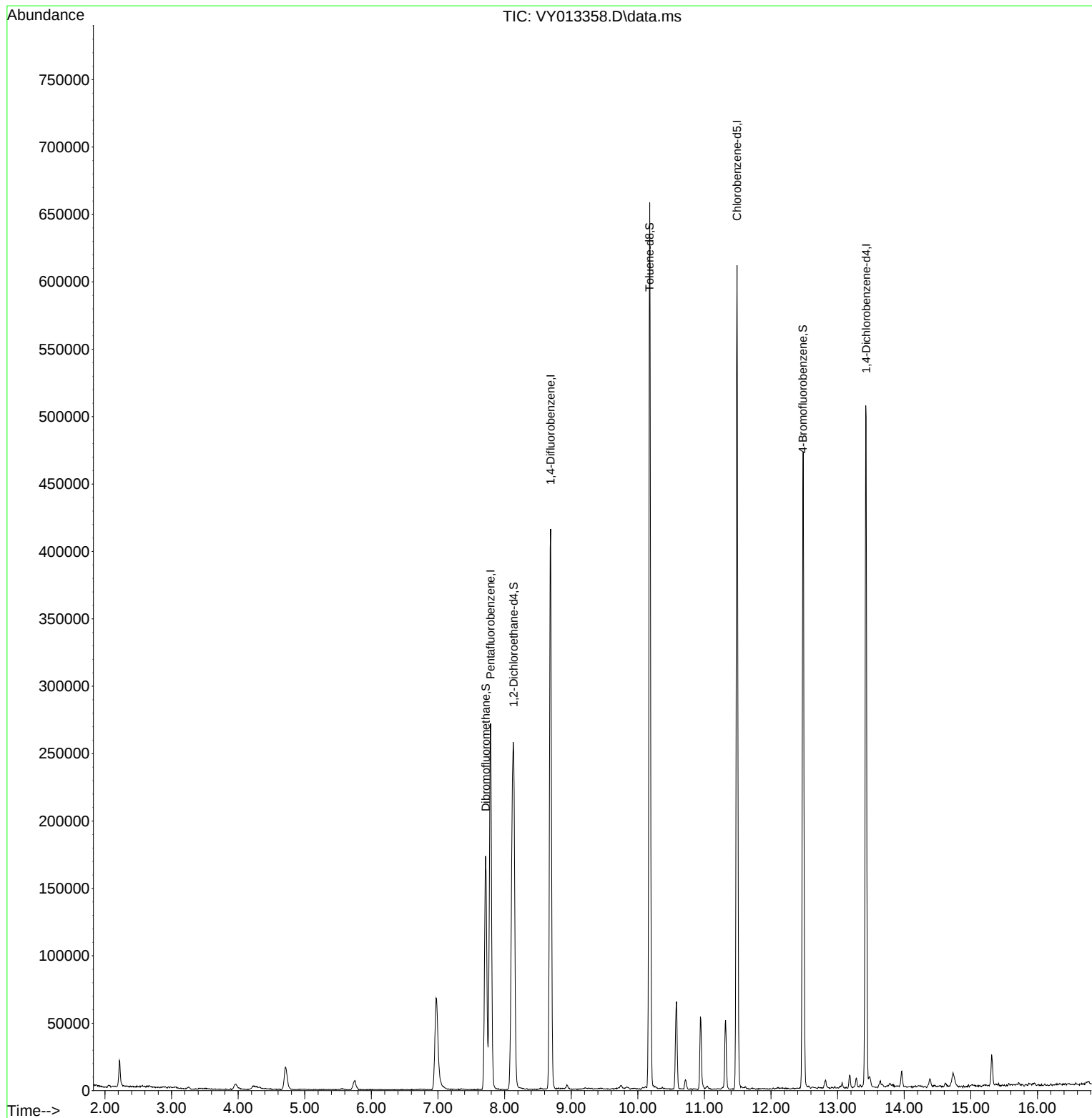
Target Compounds	Qvalue

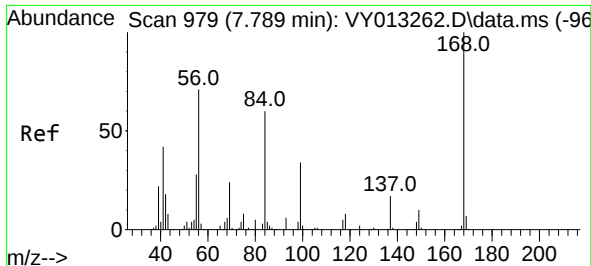
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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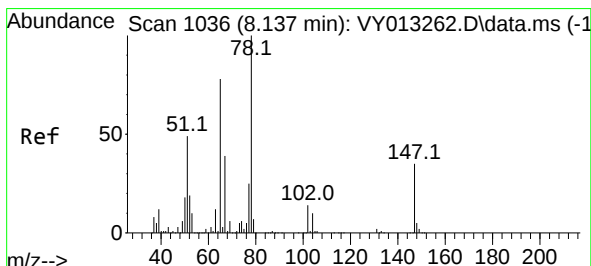
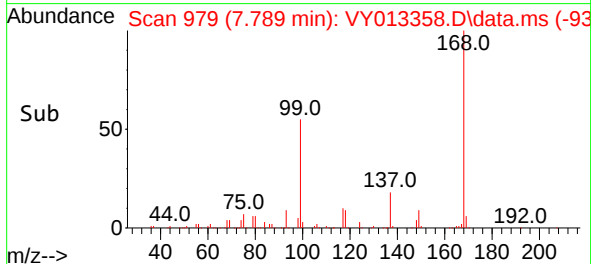
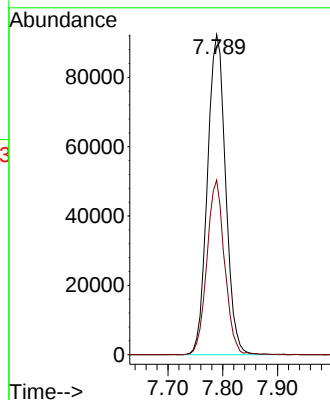
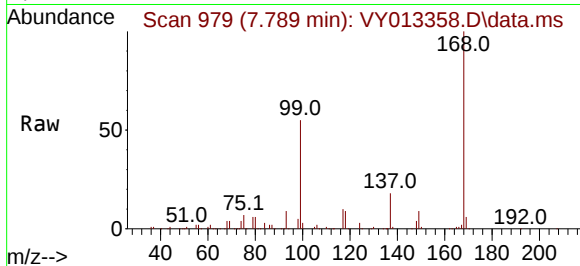




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

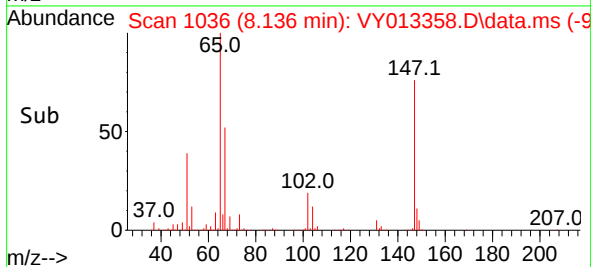
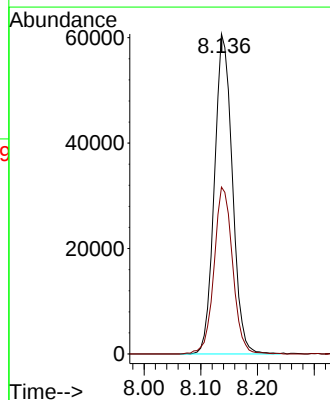
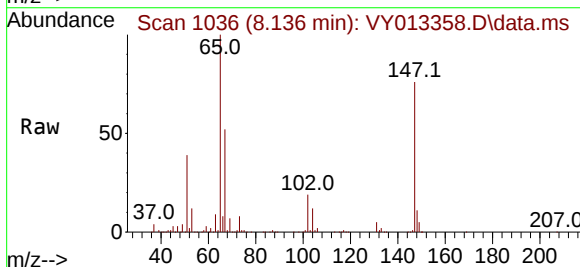
Instrument :
MSVOA_Y
ClientSampleId :
SPB-3WC-23-04-17

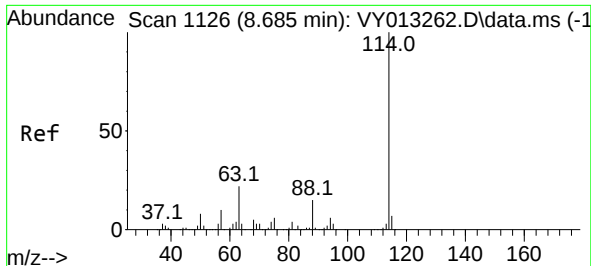
Tgt Ion:168 Resp: 211977
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 52.405 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

Tgt Ion: 65 Resp: 133501
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.0

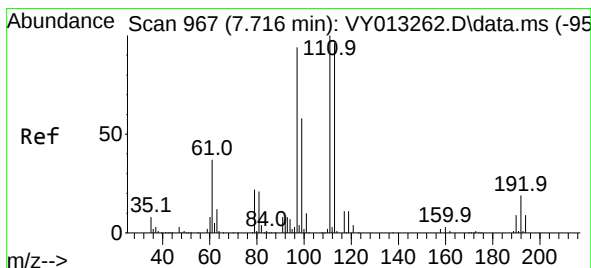
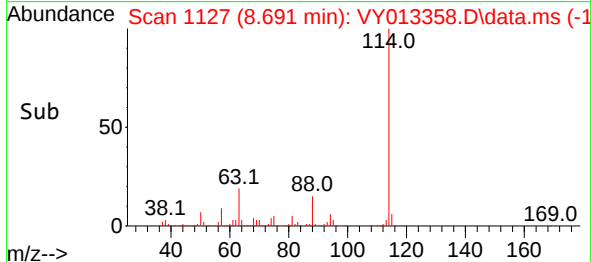
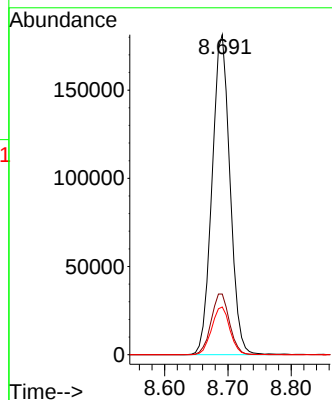
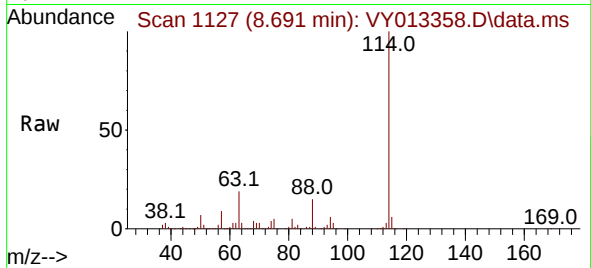




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

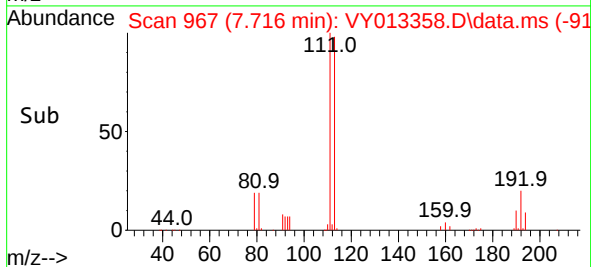
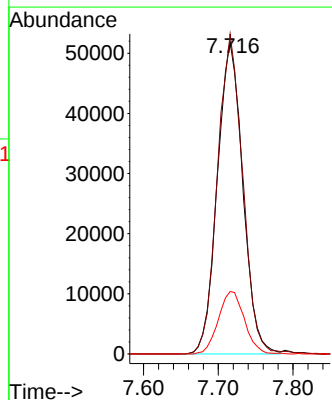
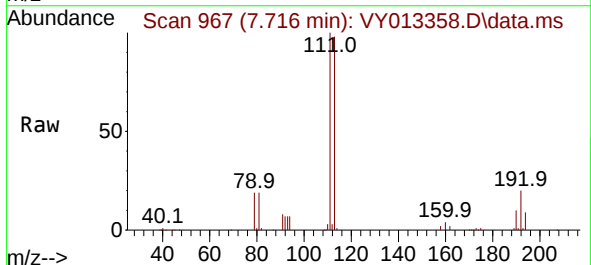
Instrument :
MSVOA_Y
ClientSampleId :
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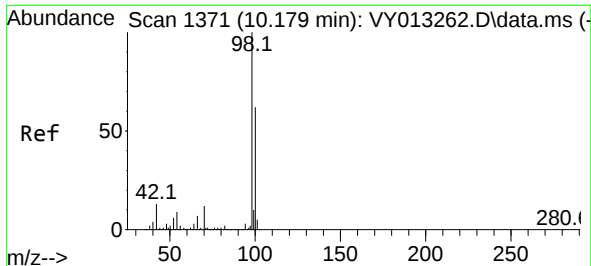
Tgt Ion:114 Resp: 356683
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.4
88 14.9 0.0 28.6



#35
Dibromofluoromethane
Concen: 53.245 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

Tgt Ion:113 Resp: 122950
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 20.5 16.8 25.2

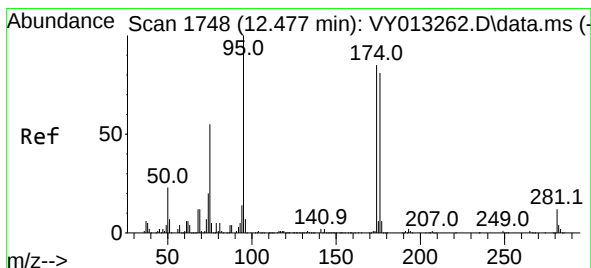
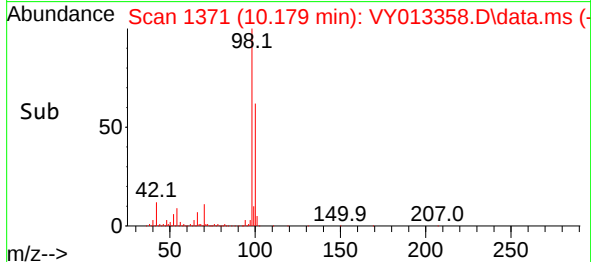
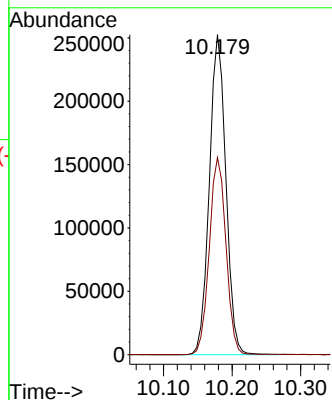
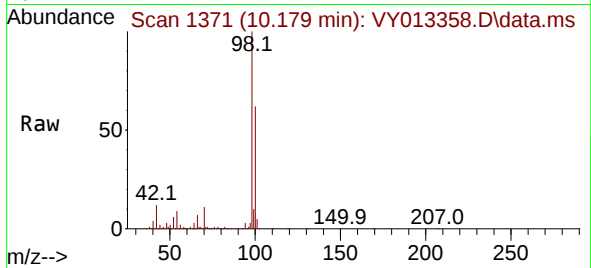




#50
Toluene-d8
Concen: 49.257 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

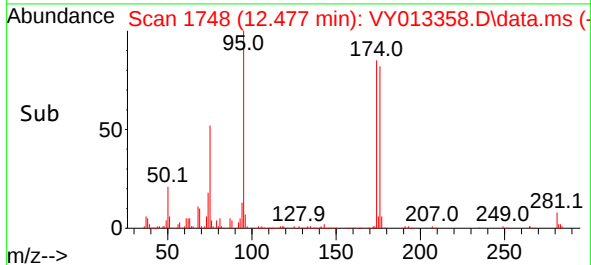
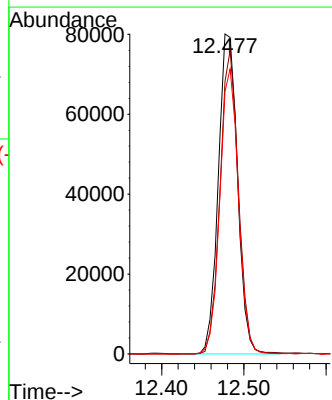
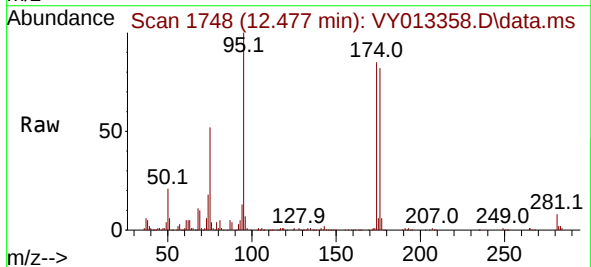
Instrument :
MSVOA_Y
ClientSampleId :
SPB-3WC-23-04-17

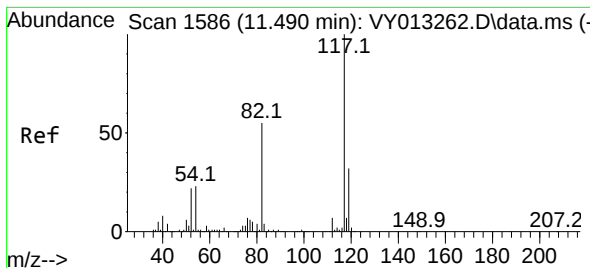
Tgt Ion: 98 Resp: 423368
Ion Ratio Lower Upper
98 100
100 62.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.681 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013358.D
Acq: 19 Apr 2023 20:13

Tgt Ion: 95 Resp: 130364
Ion Ratio Lower Upper
95 100
174 90.9 0.0 176.6
176 86.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013358.D

Acq: 19 Apr 2023 20:13

Instrument :

MSVOA_Y

ClientSampleId :

SPB-3WC-23-04-17

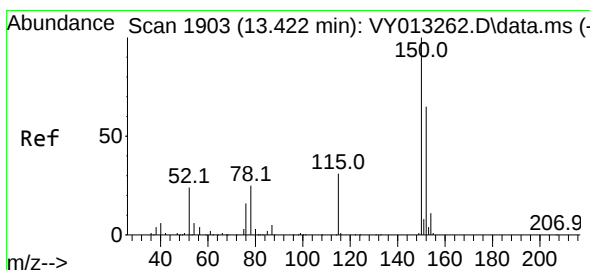
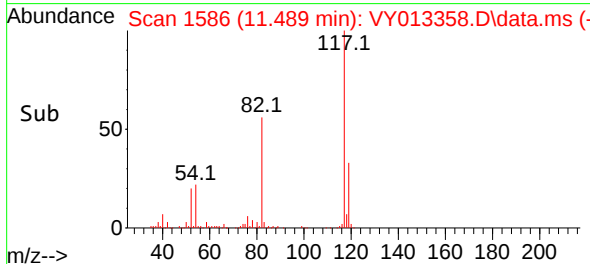
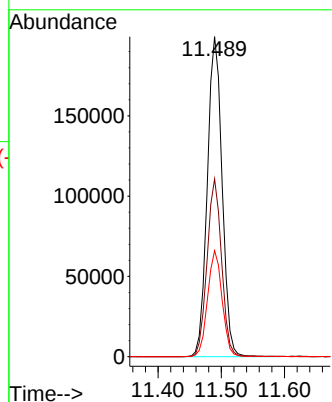
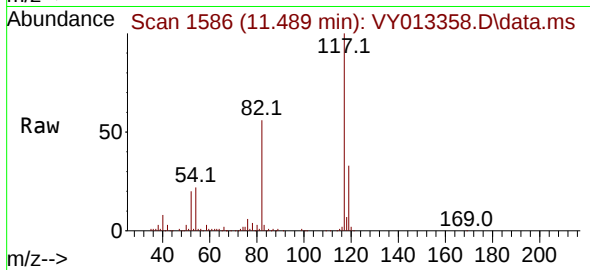
Tgt Ion:117 Resp: 324826

Ion Ratio Lower Upper

117 100

82 55.6 45.4 68.0

119 33.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013358.D

Acq: 19 Apr 2023 20:13

Tgt Ion:152 Resp: 134087

Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 156.6 0.0 347.8

