

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012137.D
 Acq On : 10 Jan 2023 13:22
 Operator : KP/MD
 Sample : 01093-02
 Misc : 5.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-214-IDWSO-20230109-2

Quant Time: Jan 11 03:08:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	200386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	336263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	311077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139339	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	116267	51.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.280%
35) Dibromofluoromethane	7.722	113	99160	44.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.720%
50) Toluene-d8	10.179	98	399934	45.844	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.680%
62) 4-Bromofluorobenzene	12.483	95	125624	41.197	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.400%

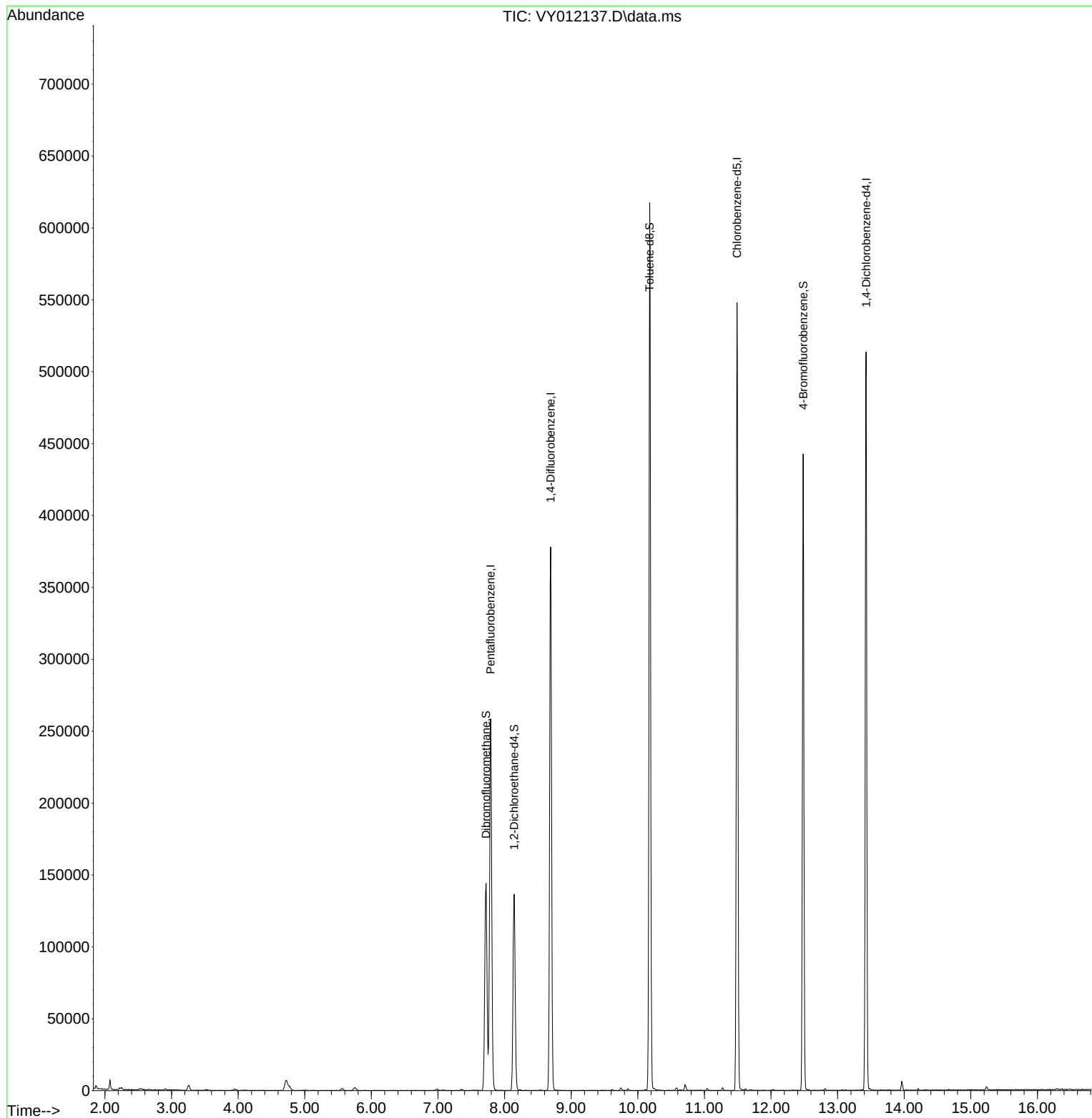
Target Compounds	Qvalue

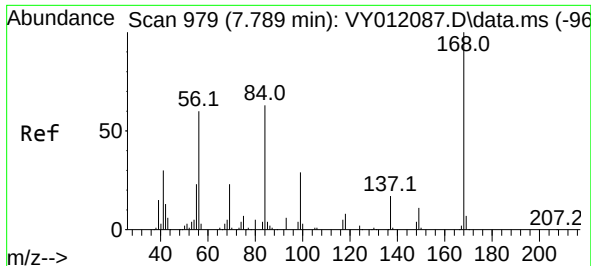
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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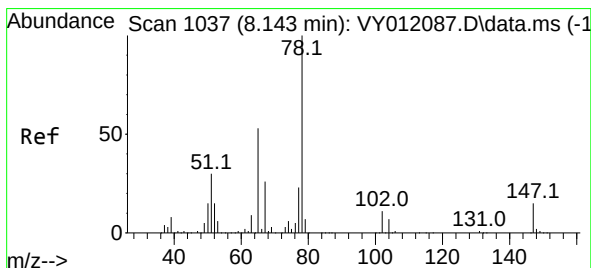
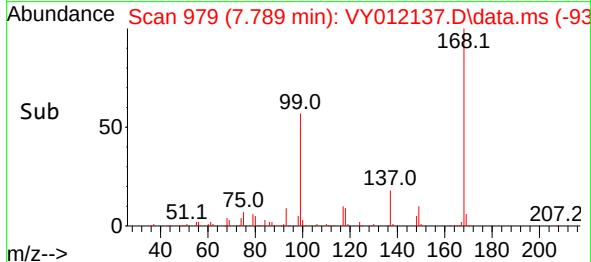
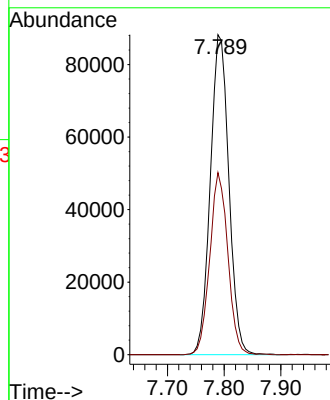
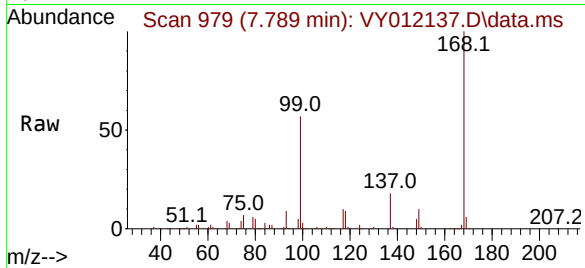




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012137.D
Acq: 10 Jan 2023 13:22

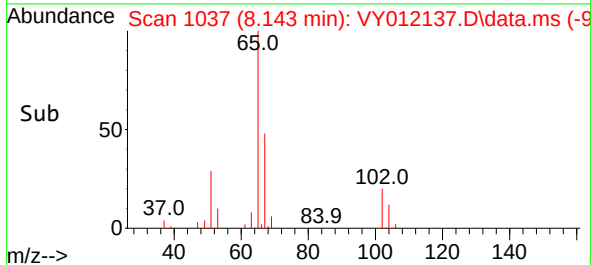
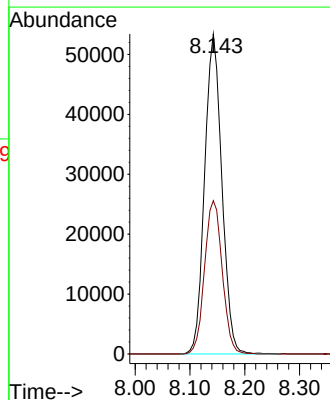
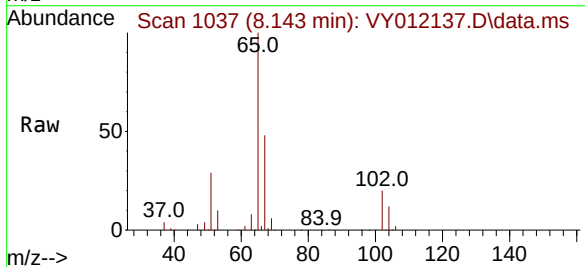
Instrument :
MSVOA_Y
ClientSampleId :
TT-214-IDWSO-20230109-2

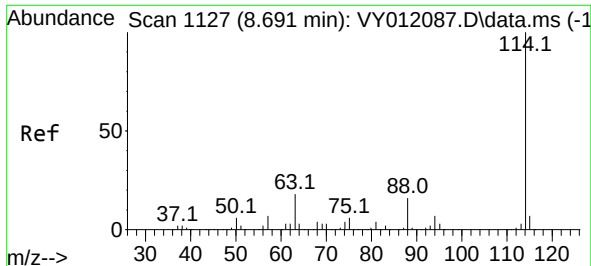
Tgt Ion:168 Resp: 200386
Ion Ratio Lower Upper
168 100
99 56.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 51.636 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012137.D
Acq: 10 Jan 2023 13:22

Tgt Ion: 65 Resp: 116267
Ion Ratio Lower Upper
65 100
67 49.2 0.0 103.2

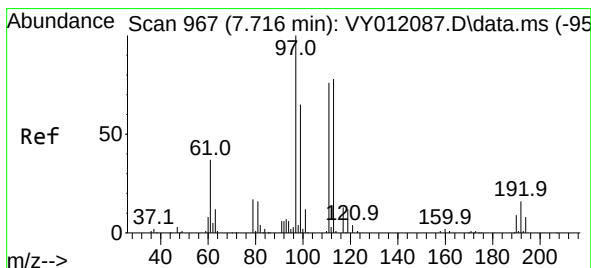
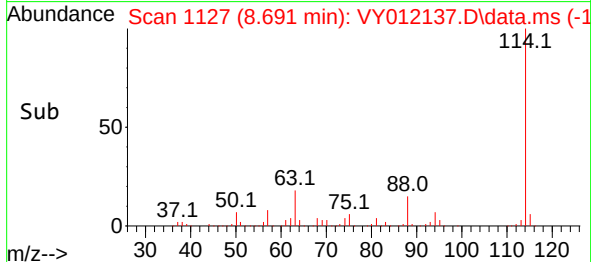
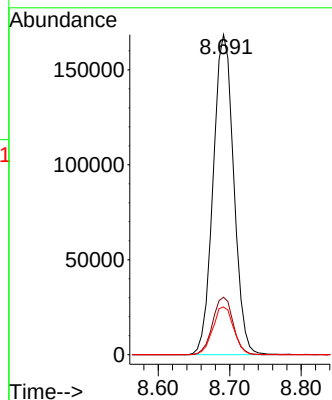
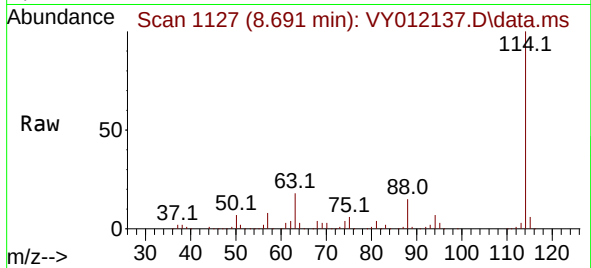




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012137.D
Acq: 10 Jan 2023 13:22

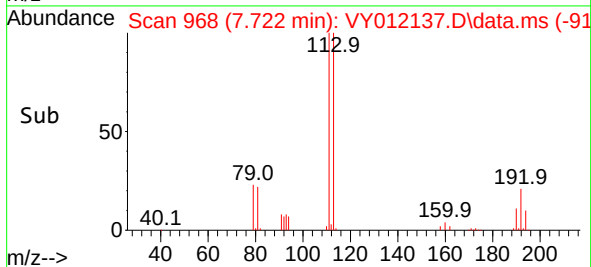
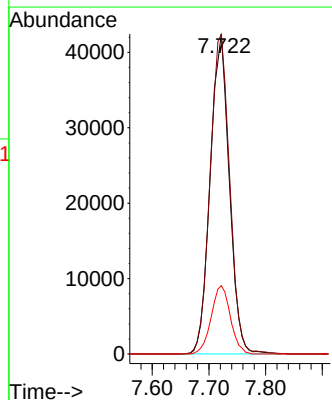
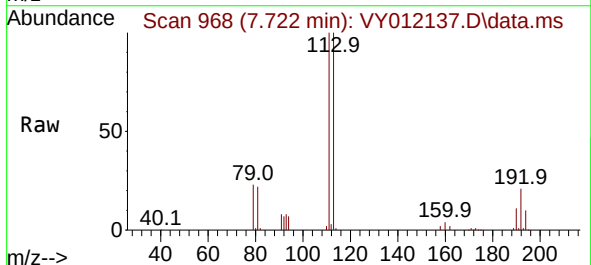
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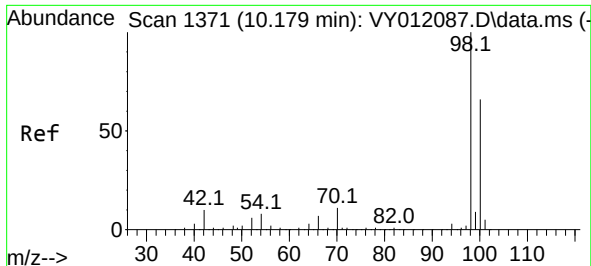
Tgt Ion:114 Resp: 336263
Ion Ratio Lower Upper
114 100
63 18.0 0.0 39.6
88 14.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 44.865 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012137.D
Acq: 10 Jan 2023 13:22

Tgt Ion:113 Resp: 99160
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.4
192 21.4 16.0 24.0

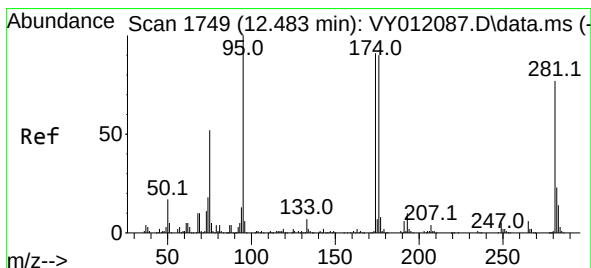
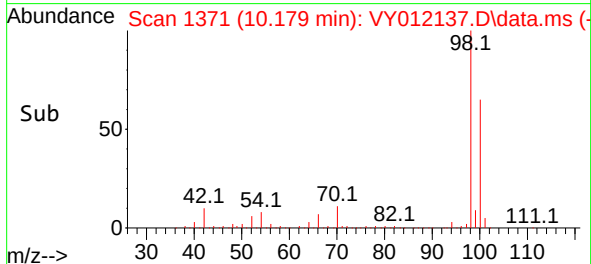
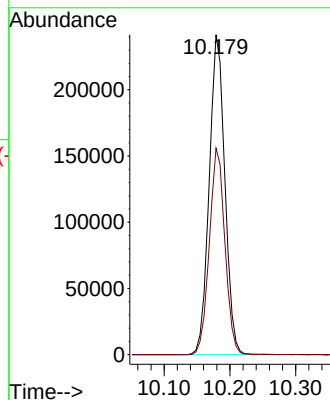
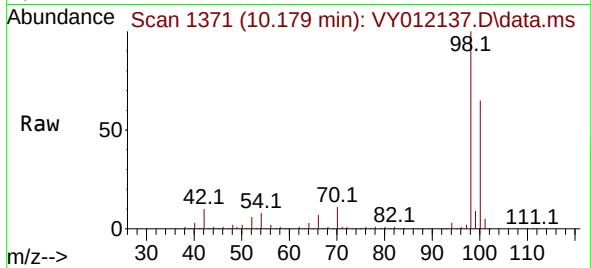




#50
Toluene-d8
Concen: 45.844 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012137.D
Acq: 10 Jan 2023 13:22

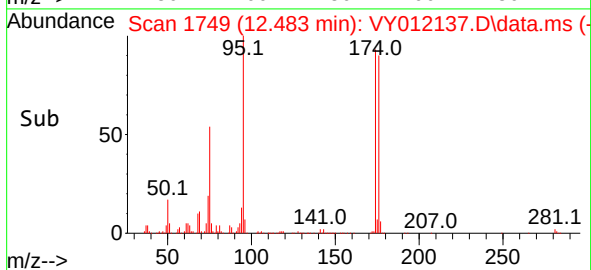
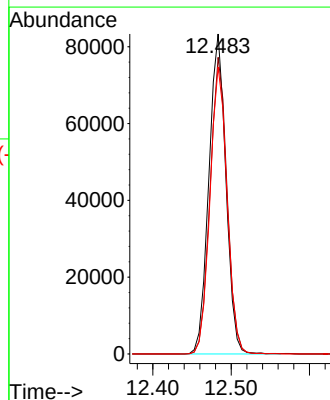
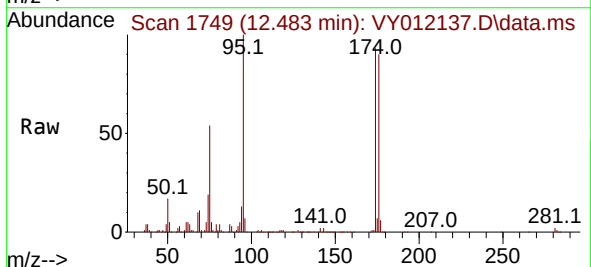
Instrument :
MSVOA_Y
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TT-214-IDWSO-20230109-2

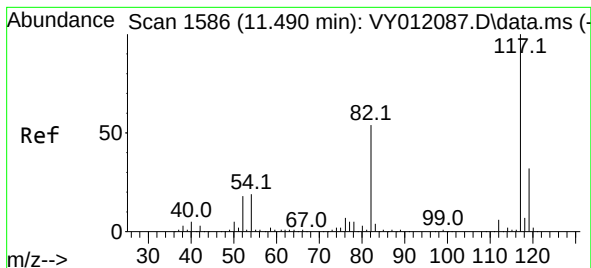
Tgt Ion: 98 Resp: 399934
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.197 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012137.D
Acq: 10 Jan 2023 13:22

Tgt Ion: 95 Resp: 125624
Ion Ratio Lower Upper
95 100
174 92.9 0.0 172.0
176 90.0 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012137.D

Acq: 10 Jan 2023 13:22

Instrument :

MSVOA_Y

ClientSampleId :

TT-214-IDWSO-20230109-2

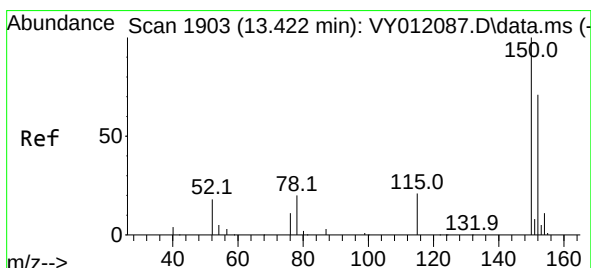
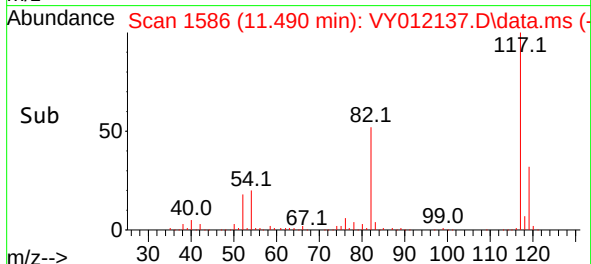
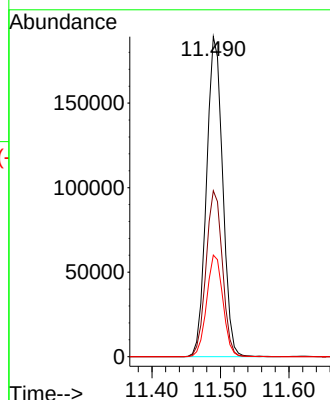
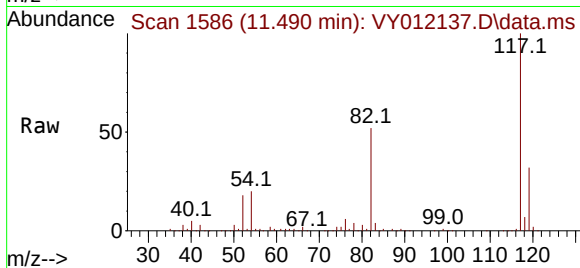
Tgt Ion:117 Resp: 311077

Ion Ratio Lower Upper

117 100

82 51.9 44.8 67.2

119 31.7 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: VY012137.D

Acq: 10 Jan 2023 13:22

Tgt Ion:152 Resp: 139339

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

150 156.1 0.0 342.6

