

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011556.D
 Acq On : 22 Nov 2022 18:22
 Operator : KP/MD
 Sample : N5678-13RE
 Misc : 7.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FB-BP-BACKFILL-07RE

Quant Time: Nov 23 04:08:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	173230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	341444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	128382	72.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.980%
35) Dibromofluoromethane	7.722	113	110698	52.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.340%
50) Toluene-d8	10.179	98	425550	55.714	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.420%
62) 4-Bromofluorobenzene	12.483	95	134787	47.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.460%

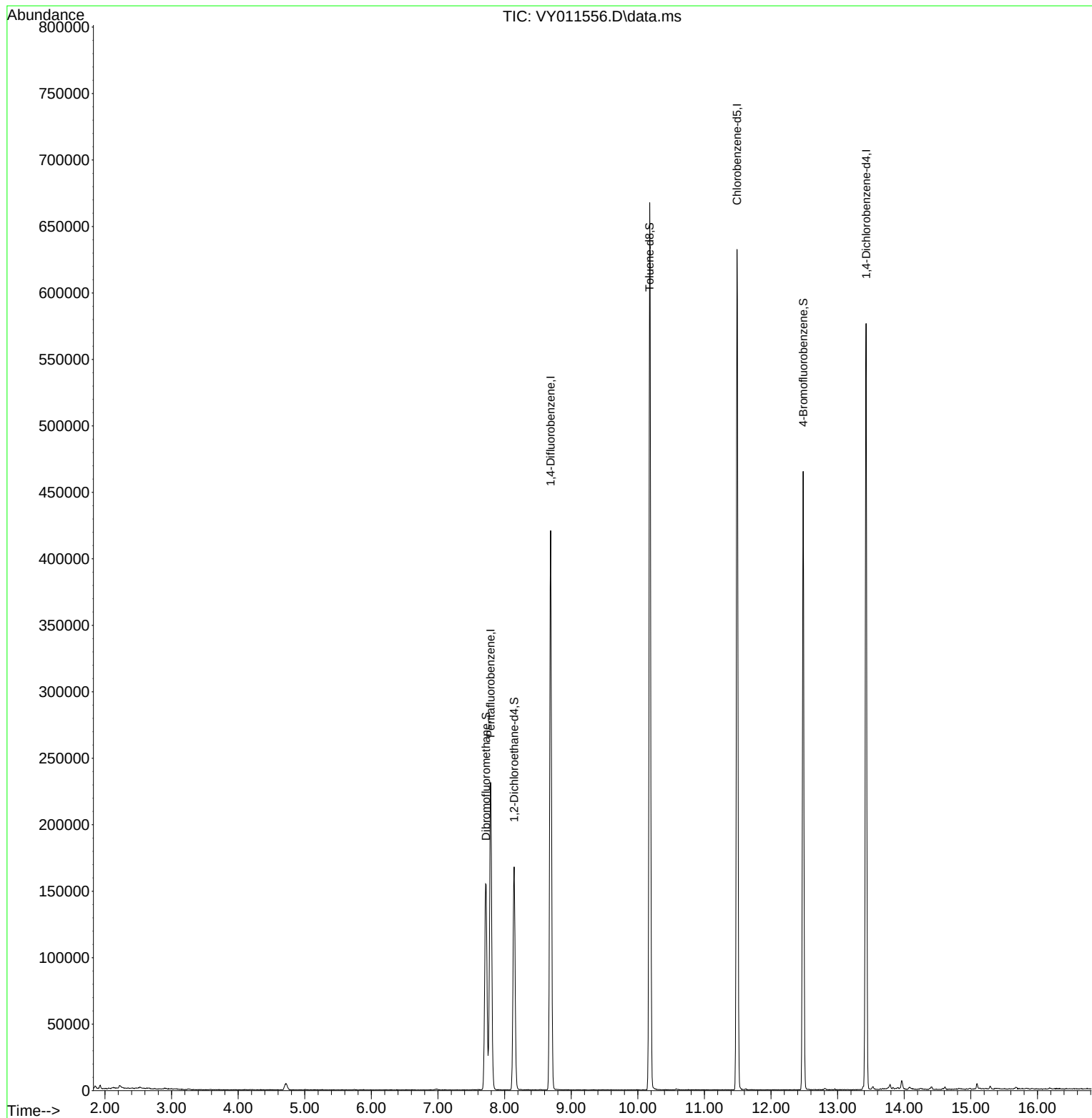
Target Compounds	Qvalue

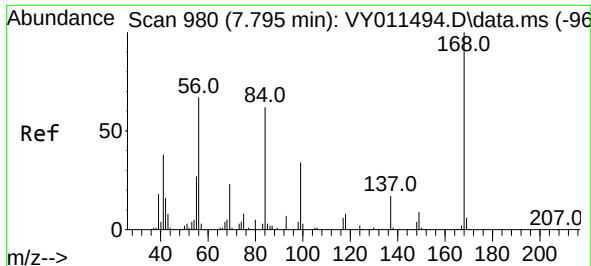
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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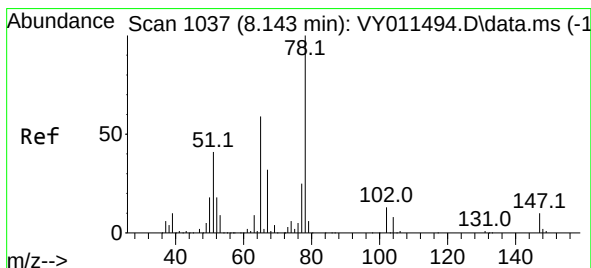
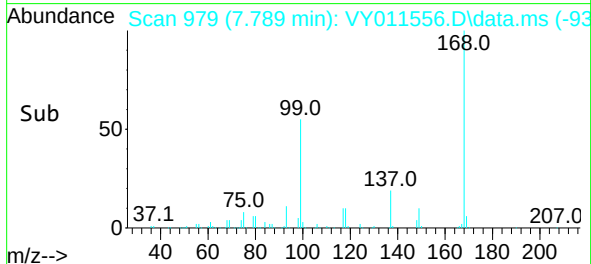
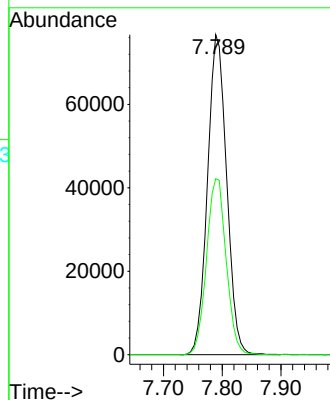
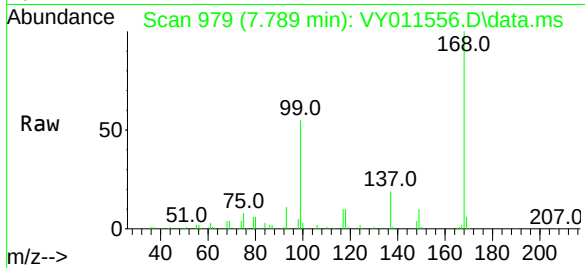




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

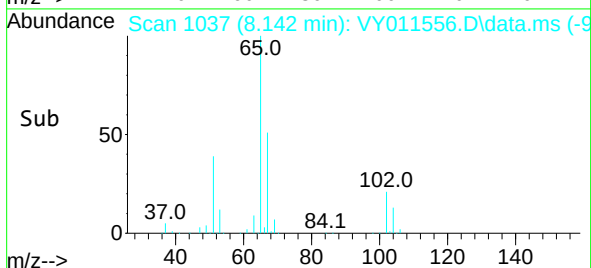
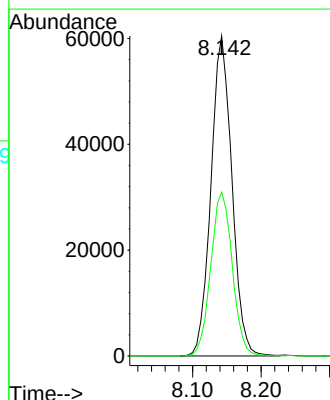
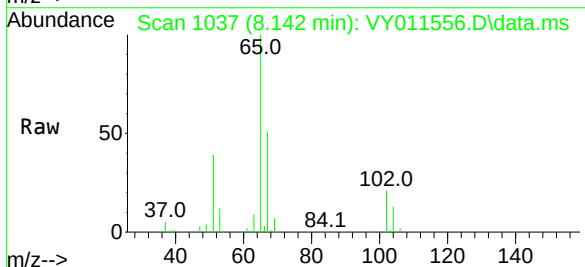
Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-07RE

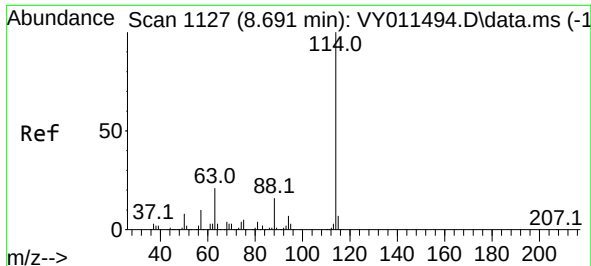
Tgt Ion:168 Resp: 173230
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 72.987 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011556.D
Acq: 22 Nov 2022 18:22

Tgt Ion: 65 Resp: 128382
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4

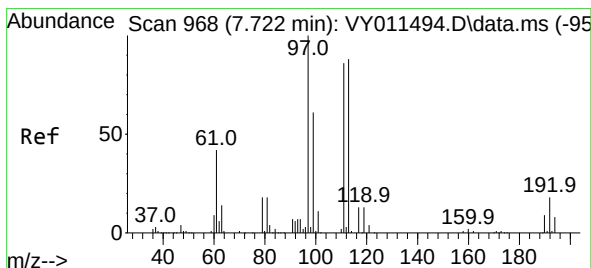
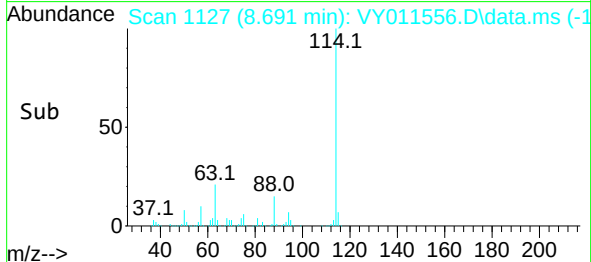
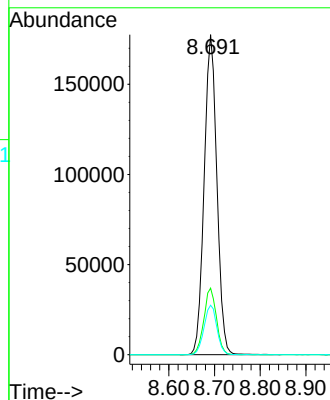
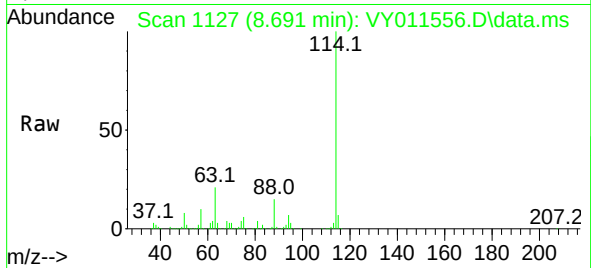




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY011556.D
 Acq: 22 Nov 2022 18:22

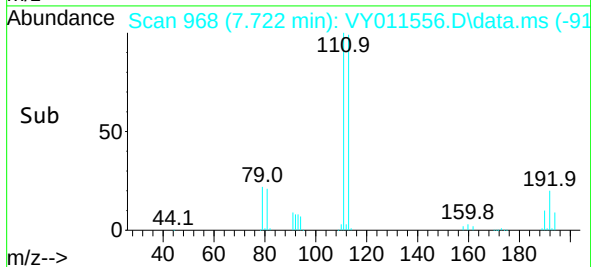
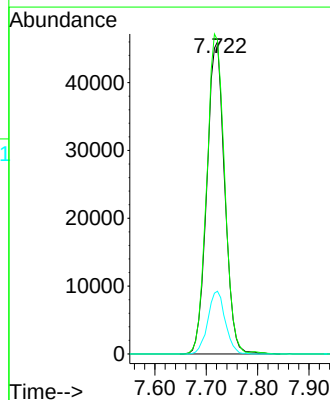
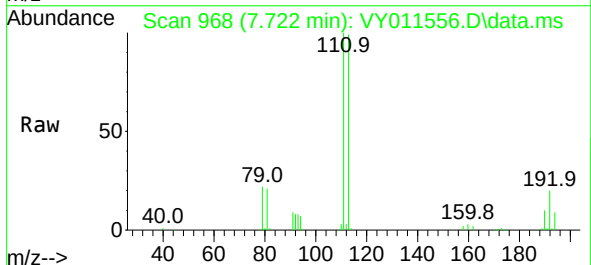
Instrument :
 MSVOA_Y
 ClientSampleId :
 250FB-BP-BACKFILL-07RE

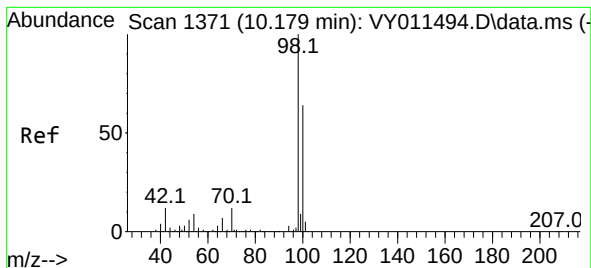
Tgt Ion:	114	Resp:	341444
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	15.4	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 52.666 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VY011556.D
 Acq: 22 Nov 2022 18:22

Tgt Ion:	113	Resp:	110698
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	19.6	17.6	26.4





#50

Toluene-d8

Concen: 55.714 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011556.D

Acq: 22 Nov 2022 18:22

Instrument :

MSVOA_Y

ClientSampleId :

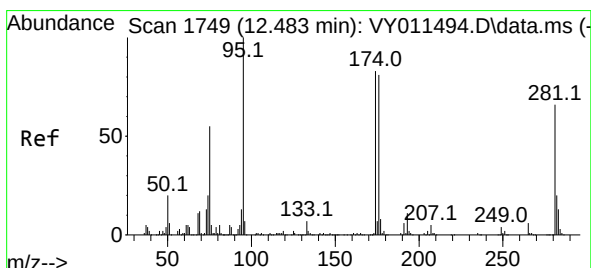
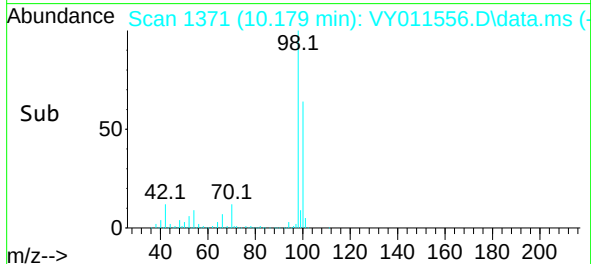
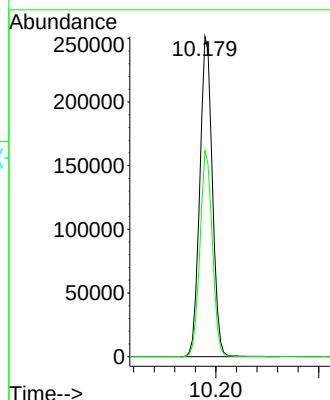
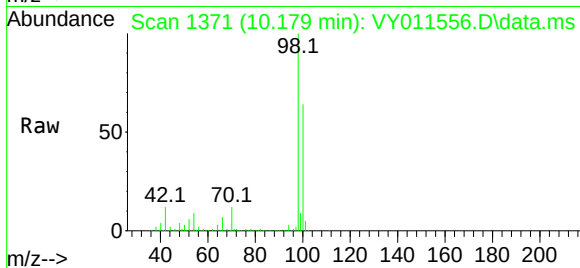
250FB-BP-BACKFILL-07RE

Tgt Ion: 98 Resp: 425550

Ion Ratio Lower Upper

98 100

100 63.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 47.728 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011556.D

Acq: 22 Nov 2022 18:22

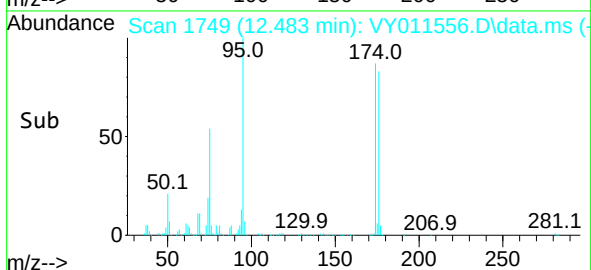
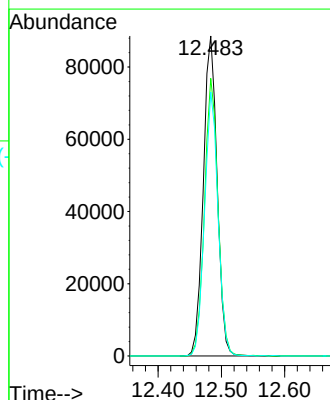
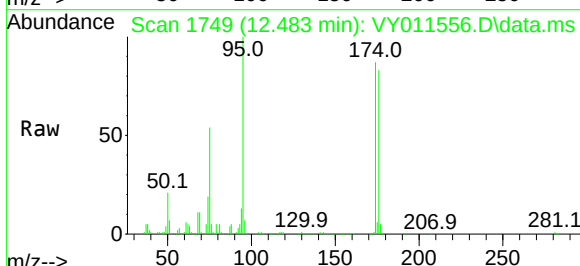
Tgt Ion: 95 Resp: 134787

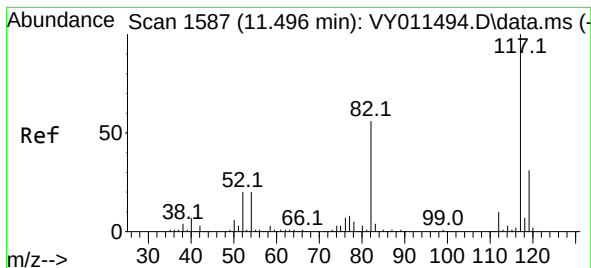
Ion Ratio Lower Upper

95 100

174 85.1 0.0 177.0

176 80.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY011556.D

Acq: 22 Nov 2022 18:22

Instrument :

MSVOA_Y

ClientSampleId :

250FB-BP-BACKFILL-07RE

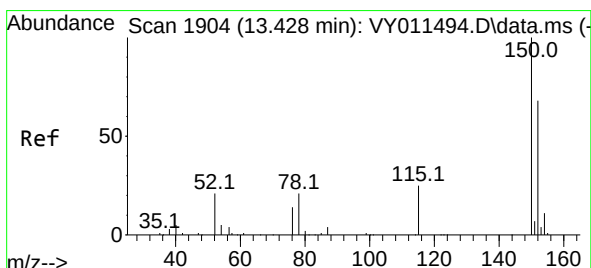
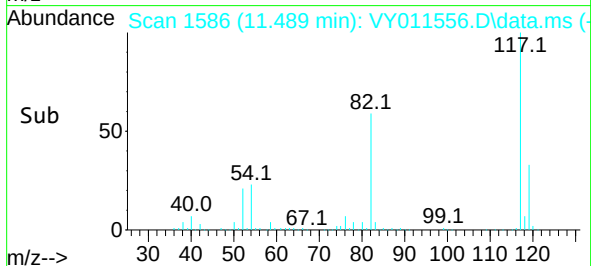
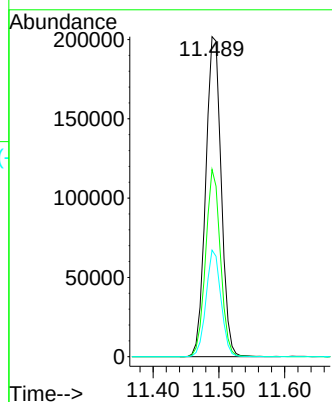
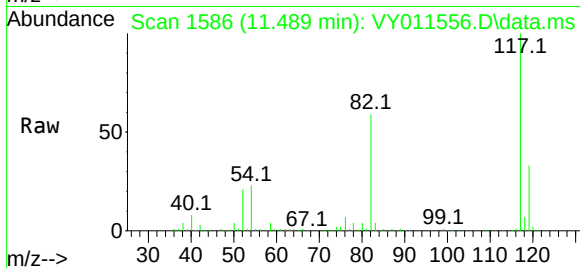
Tgt Ion:117 Resp: 330822

Ion Ratio Lower Upper

117 100

82 58.5 43.0 64.4

119 33.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011556.D

Acq: 22 Nov 2022 18:22

Tgt Ion:152 Resp: 142130

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 156.4 0.0 347.6

