

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011568.D
 Acq On : 23 Nov 2022 12:27
 Operator : KP/MD
 Sample : N5749-08
 Misc : 3.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-83

Quant Time: Nov 24 00:37:20 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	7.795	168	111910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	194336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77501	68.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.400%
35) Dibromofluoromethane	7.722	113	70403	54.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.640%
50) Toluene-d8	10.179	98	257598	55.202	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.400%
62) 4-Bromofluorobenzene	12.483	95	75145	43.554	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.100%

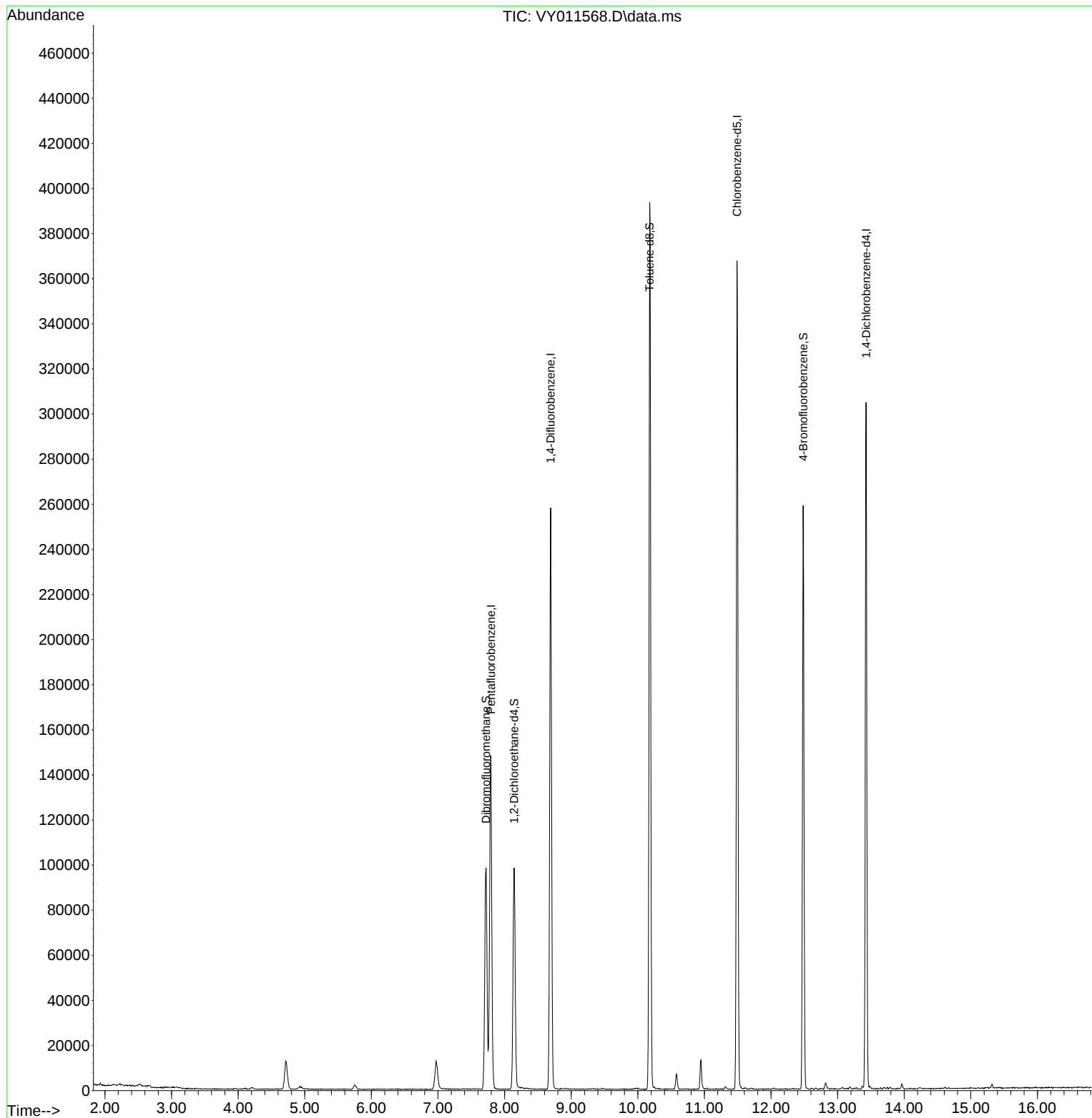
Target Compounds	Qvalue

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

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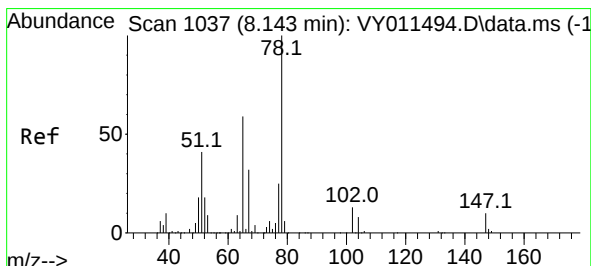
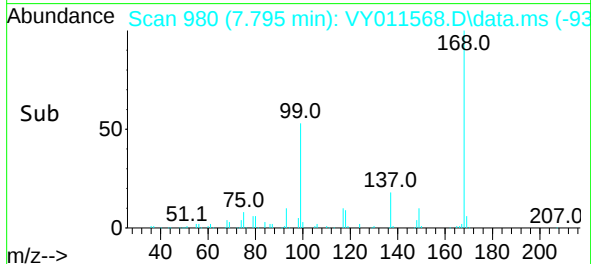
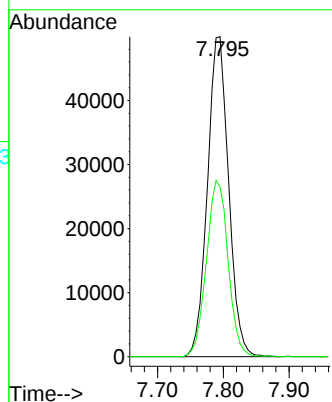
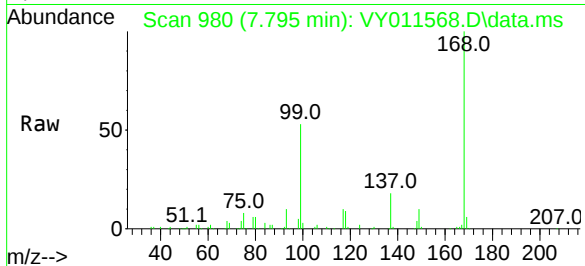




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY011568.D
Acq: 23 Nov 2022 12:27

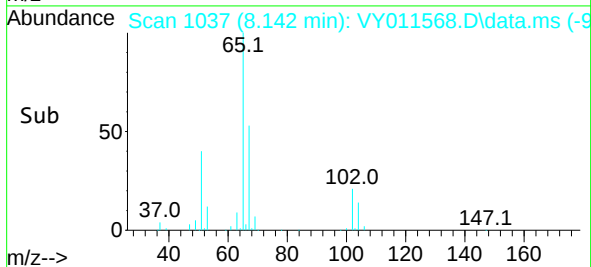
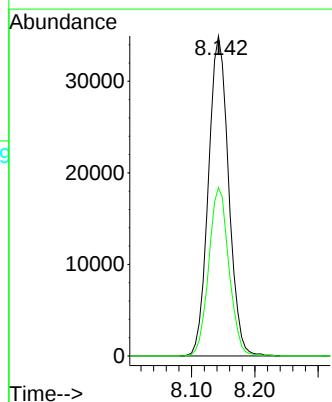
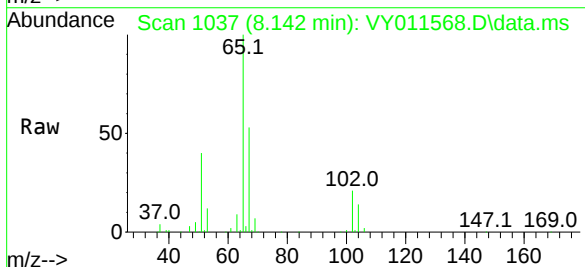
Instrument :
MSVOA_Y
ClientSampleId :
MH-83

Tgt Ion:168 Resp: 111910
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.203 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011568.D
Acq: 23 Nov 2022 12:27

Tgt Ion: 65 Resp: 77501
Ion Ratio Lower Upper
65 100
67 52.6 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: VY011568.D

Acq: 23 Nov 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :

MH-83

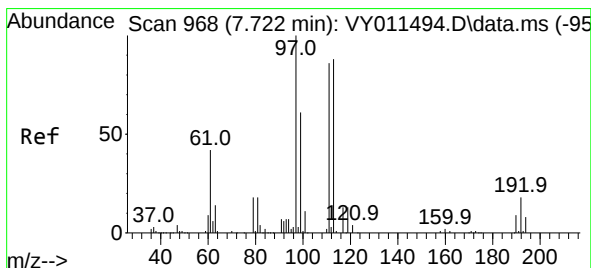
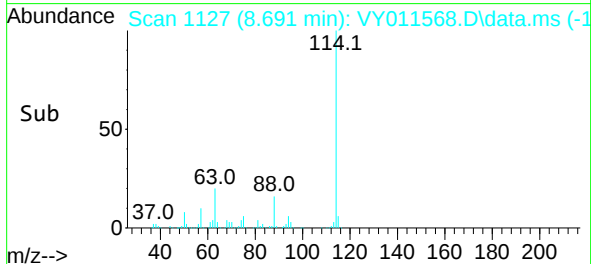
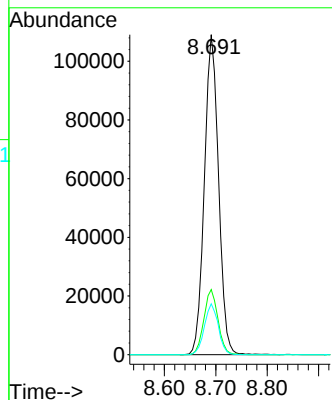
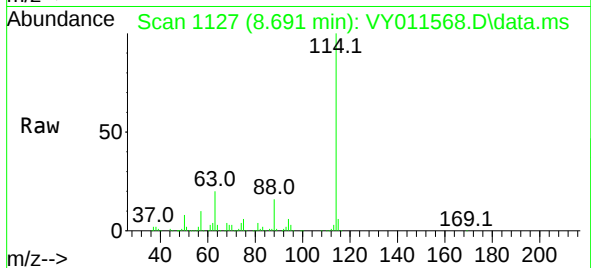
Tgt Ion:114 Resp: 208603

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.825 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011568.D

Acq: 23 Nov 2022 12:27

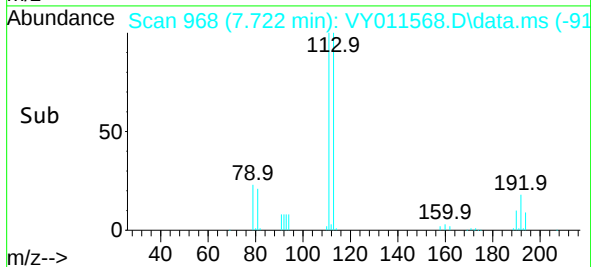
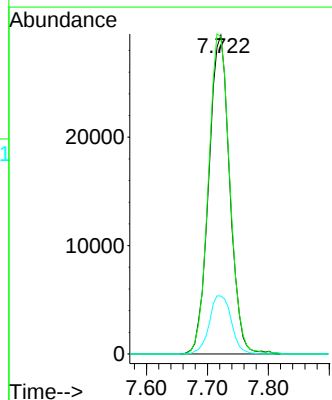
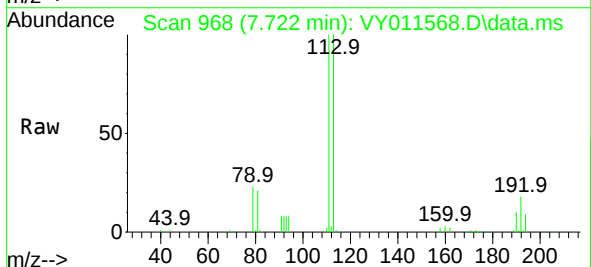
Tgt Ion:113 Resp: 70403

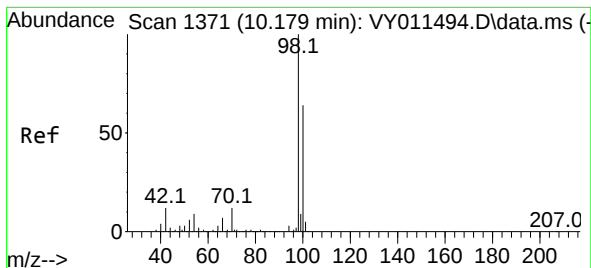
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 19.1 17.6 26.4

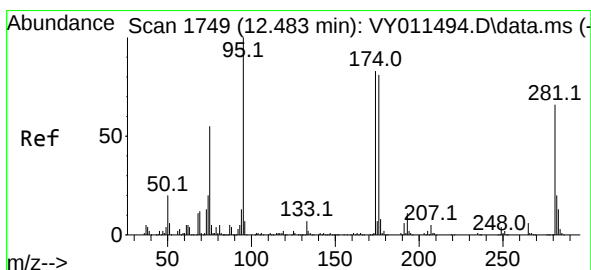
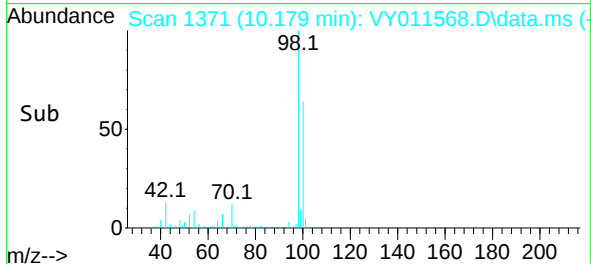
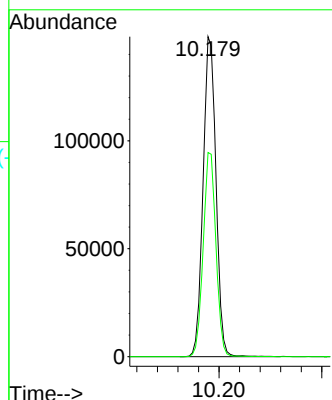
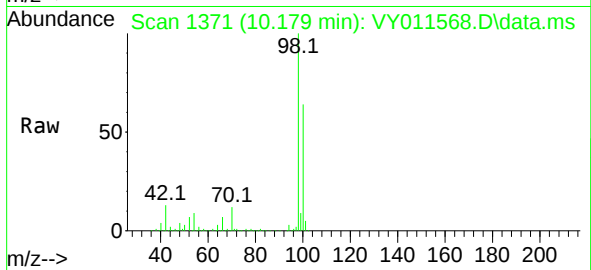




#50
Toluene-d8
Concen: 55.202 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011568.D
Acq: 23 Nov 2022 12:27

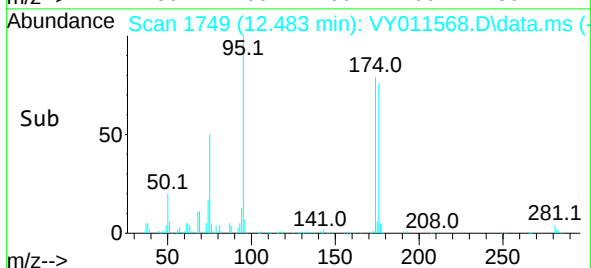
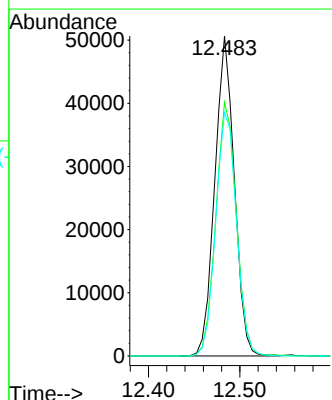
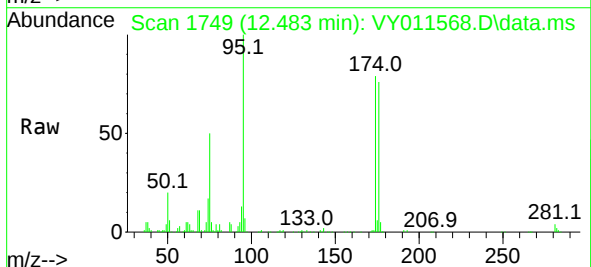
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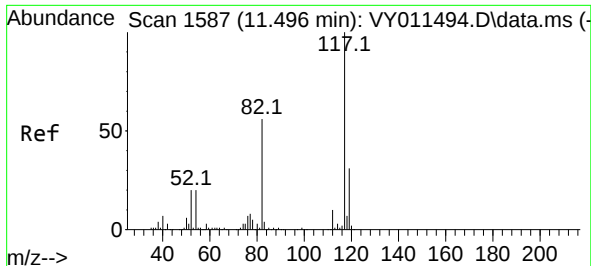
Tgt Ion: 98 Resp: 257598
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.554 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011568.D
Acq: 23 Nov 2022 12:27

Tgt Ion: 95 Resp: 75145
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 80.8 0.0 175.8

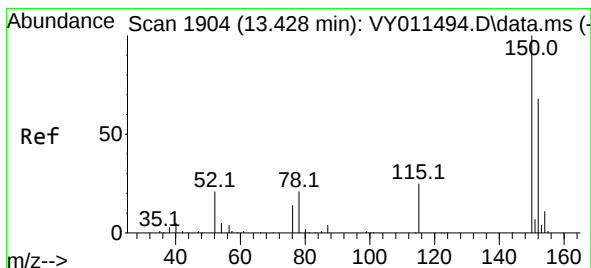
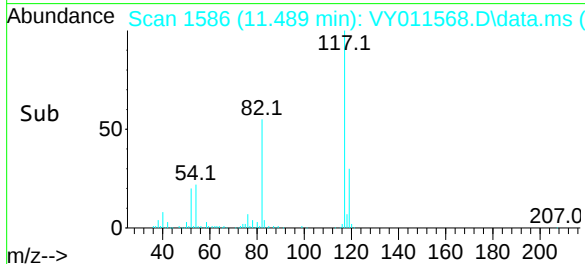
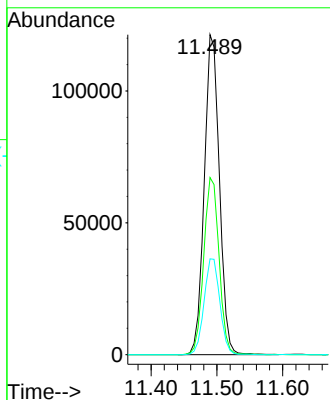
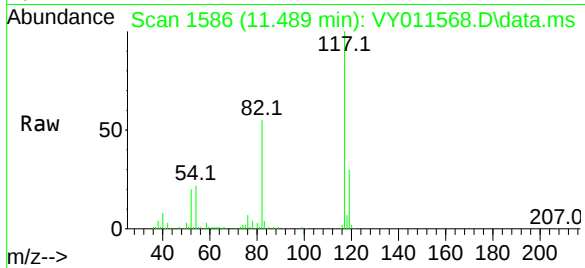




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011568.D
Acq: 23 Nov 2022 12:27

Instrument :
MSVOA_Y
ClientSampleId :
MH-83

Tgt Ion:117 Resp: 194336
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 29.9 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: VY011568.D
Acq: 23 Nov 2022 12:27

Tgt Ion:152 Resp: 77273
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 158.2 0.0 347.6

