

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011056.D
 Acq On : 21 Oct 2022 17:23
 Operator : KP/MD
 Sample : N5217-05RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-G1-3.5-4.0RE

Quant Time: Oct 22 01:24:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	39519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	64735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	58174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22942	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28549	78.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.860%
35) Dibromofluoromethane	7.716	113	28531	80.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	160.760%#
50) Toluene-d8	10.179	98	84875	62.793	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	125.580%
62) 4-Bromofluorobenzene	12.477	95	26417	55.512	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.020%

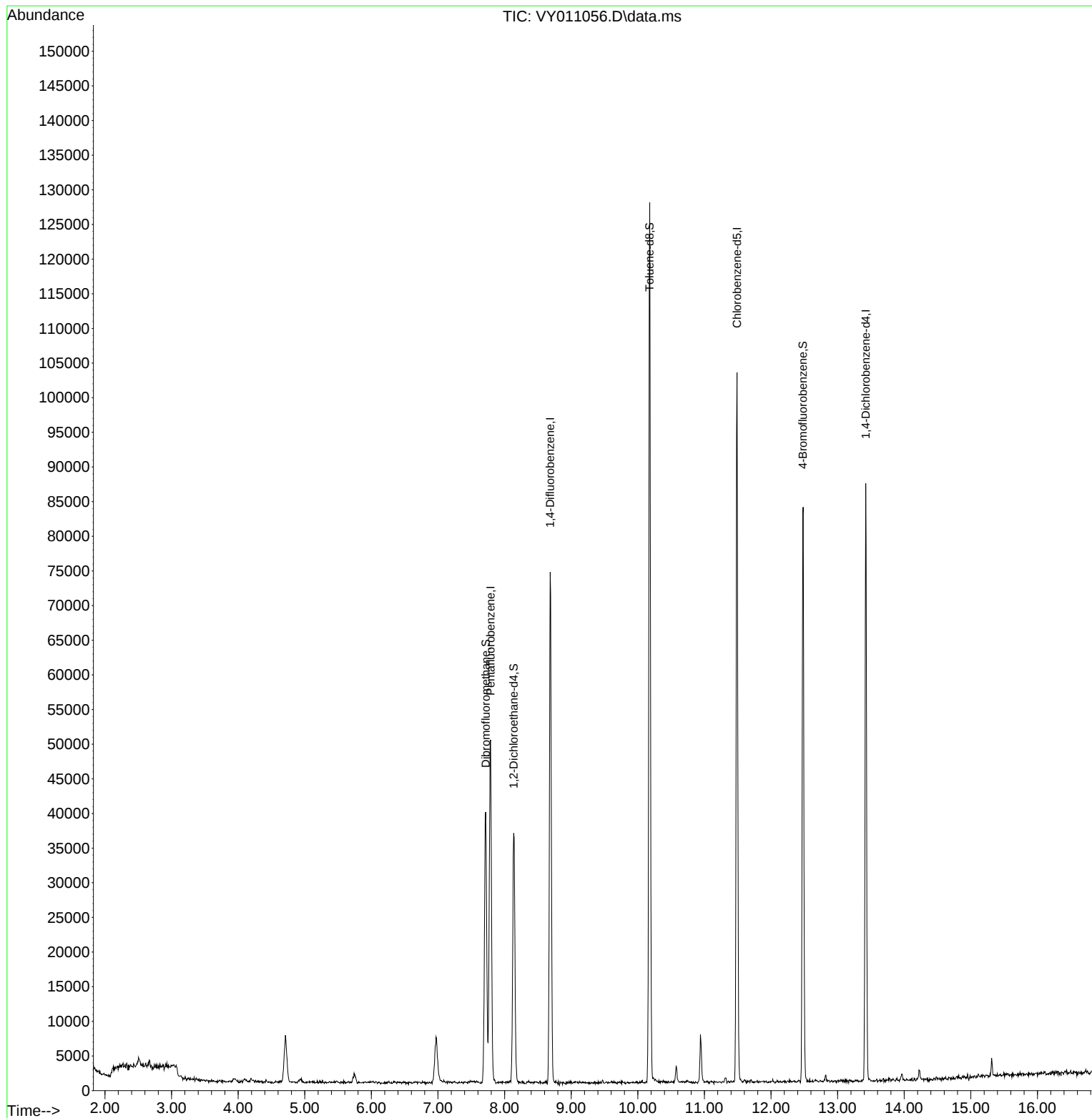
Target Compounds	Qvalue

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

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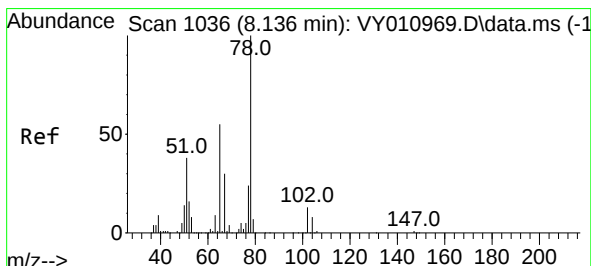
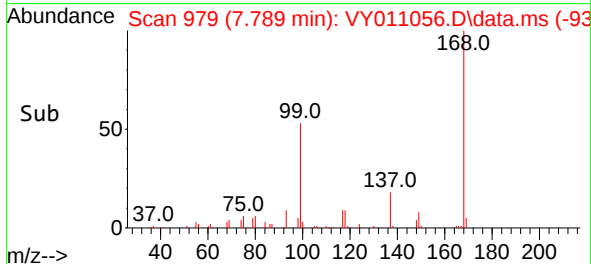
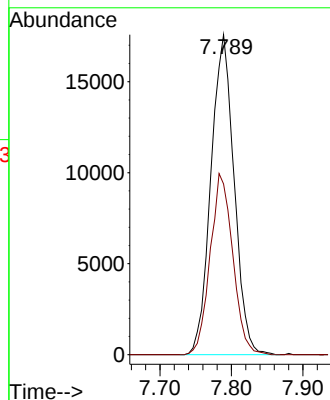
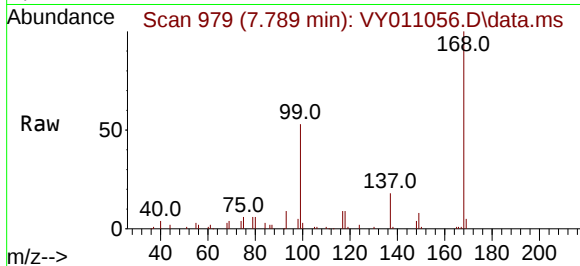




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

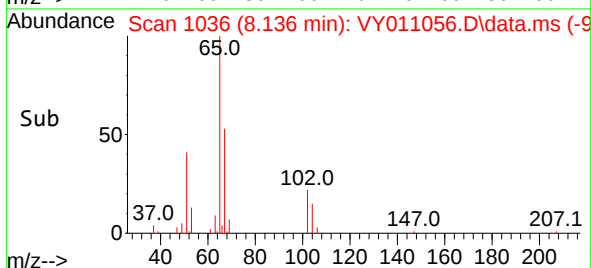
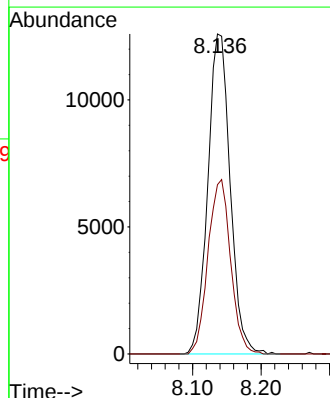
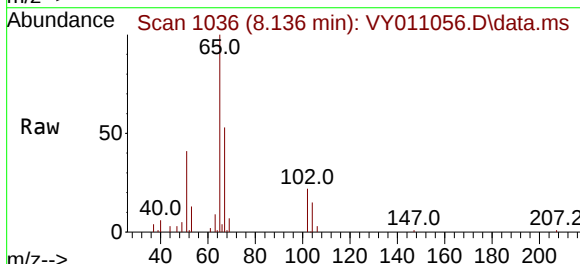
Instrument :
MSVOA_Y
ClientSampleId :
SB-G1-3.5-4.0RE

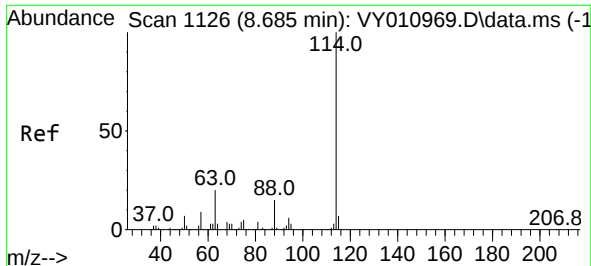
Tgt Ion:168 Resp: 39519
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 78.425 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

Tgt Ion: 65 Resp: 28549
Ion Ratio Lower Upper
65 100
67 55.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011056.D

Acq: 21 Oct 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-G1-3.5-4.0RE

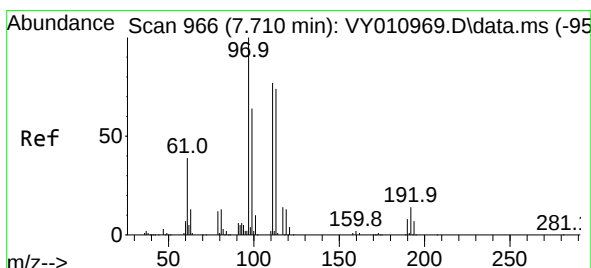
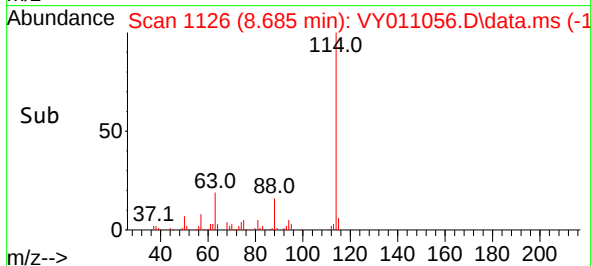
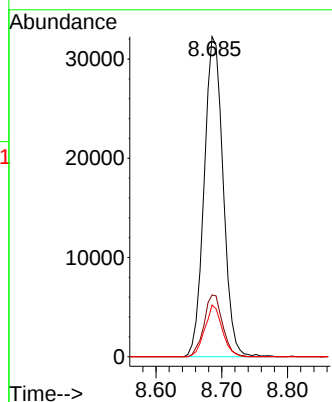
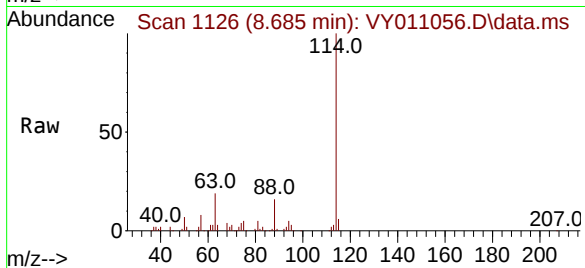
Tgt Ion:114 Resp: 64735

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 16.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 80.375 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011056.D

Acq: 21 Oct 2022 17:23

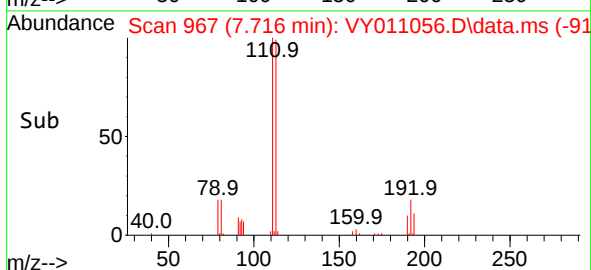
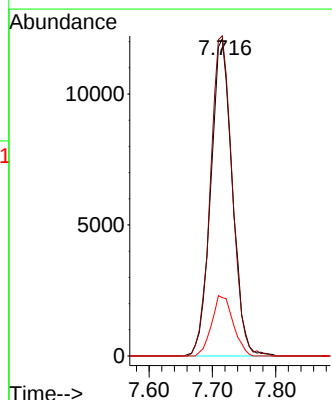
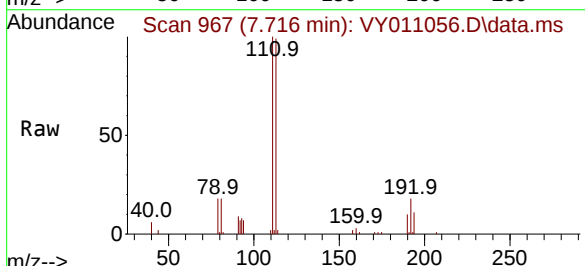
Tgt Ion:113 Resp: 28531

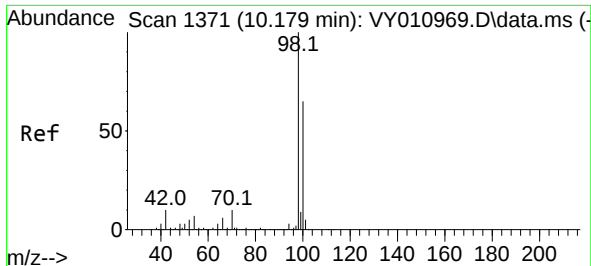
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 19.0 17.6 26.4

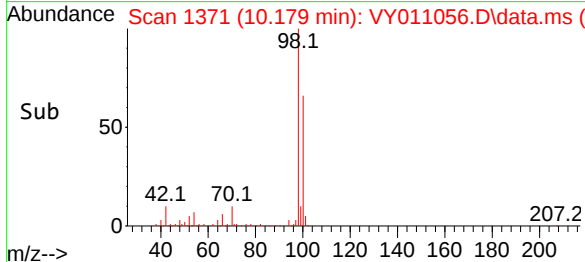
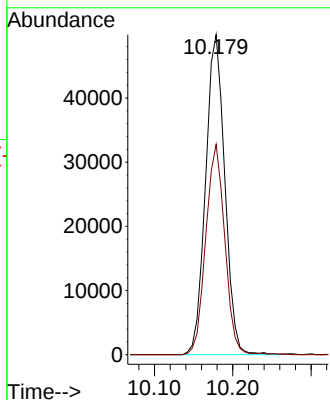
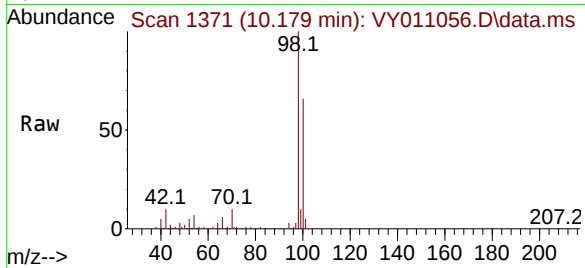




#50
Toluene-d8
Concen: 62.793 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

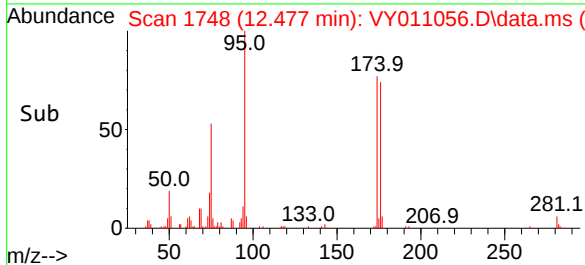
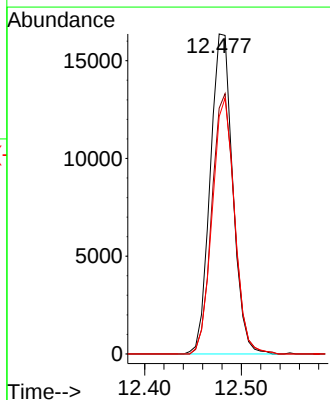
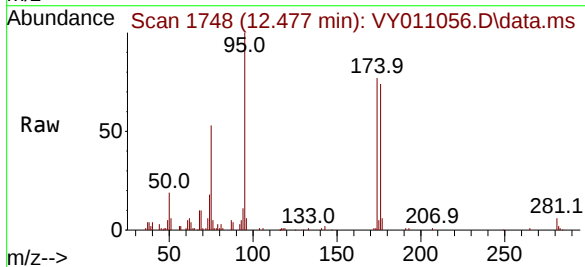
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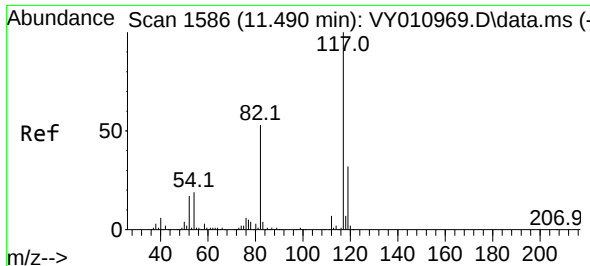
Tgt Ion: 98 Resp: 84875
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 55.512 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

Tgt Ion: 95 Resp: 26417
Ion Ratio Lower Upper
95 100
174 81.3 0.0 177.0
176 79.6 0.0 175.8

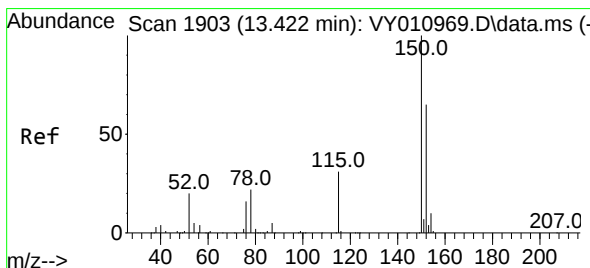
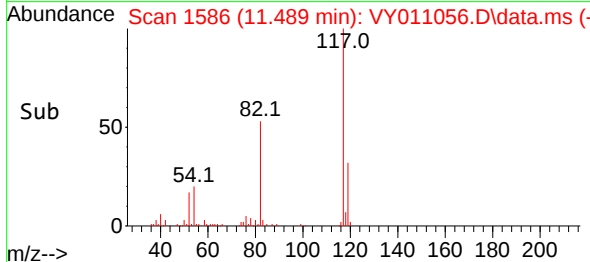
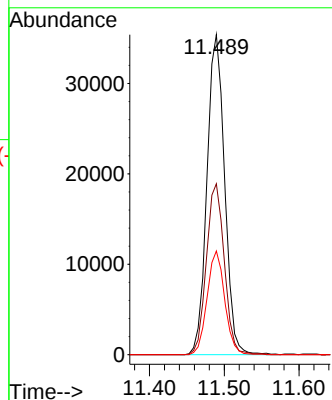
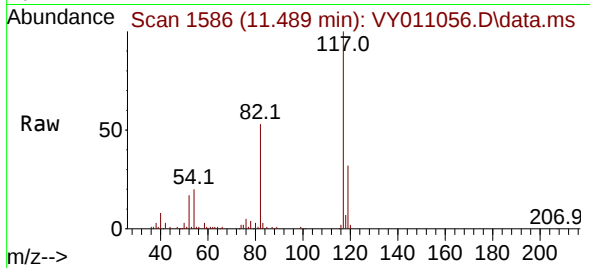




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-G1-3.5-4.0RE

Tgt Ion:117 Resp: 58174
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011056.D
Acq: 21 Oct 2022 17:23

Tgt Ion:152 Resp: 22942
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 159.3 0.0 347.6

