

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011047.D
 Acq On : 21 Oct 2022 13:59
 Operator : KP/MD
 Sample : N5217-09
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-3.5-4.0

Quant Time: Oct 22 01:22:59 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	352781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	577640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	495080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	216016	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	180360	55.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.000%
35) Dibromofluoromethane	7.716	113	188518	58.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.860%
50) Toluene-d8	10.179	98	658861	54.627	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.260%
62) 4-Bromofluorobenzene	12.477	95	213598	49.995	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.980%

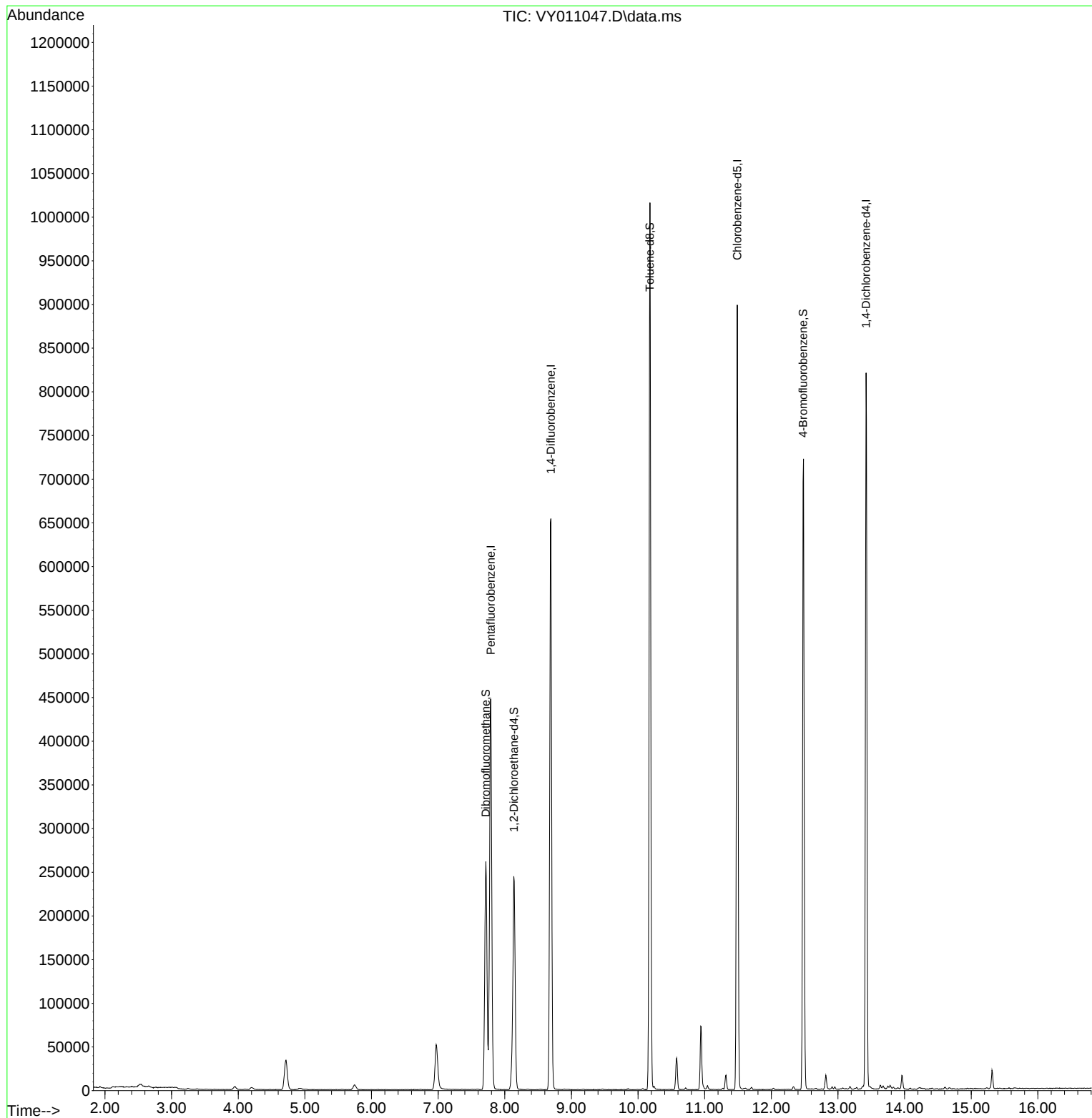
Target Compounds	Qvalue

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

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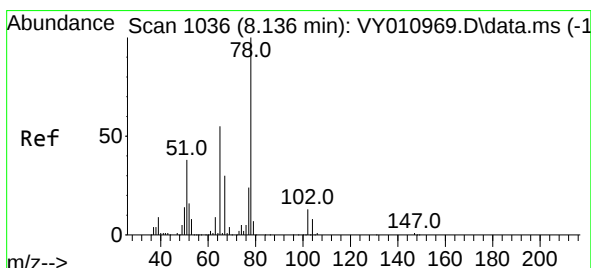
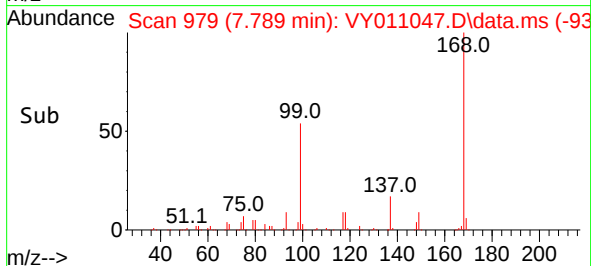
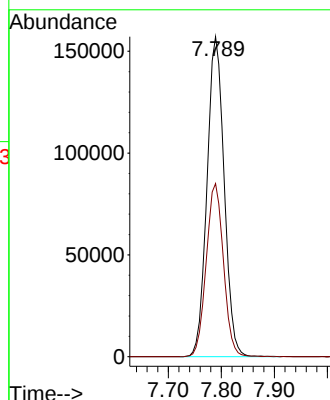
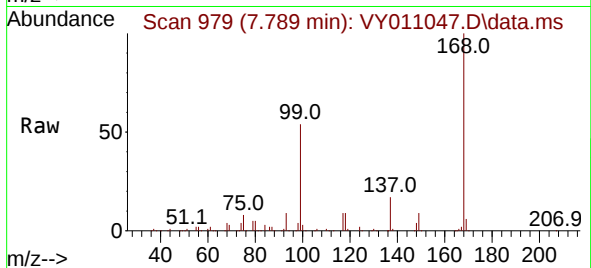




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011047.D
Acq: 21 Oct 2022 13:59

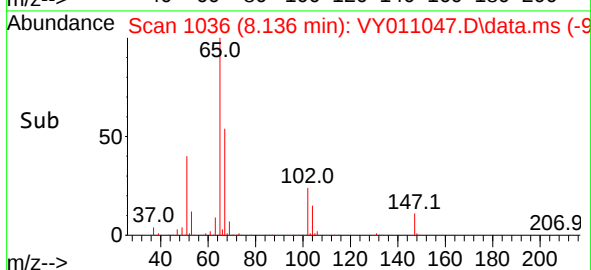
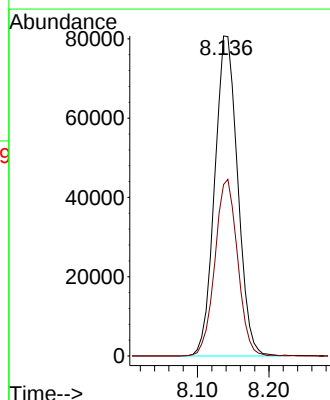
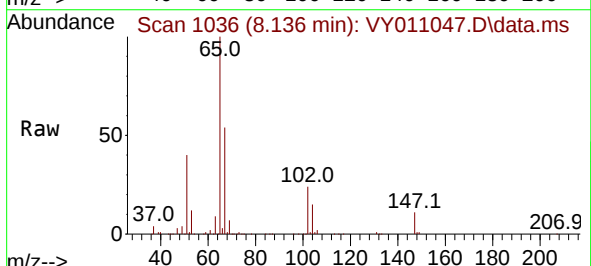
Instrument :
MSVOA_Y
ClientSampleId :
SB-I1-3.5-4.0

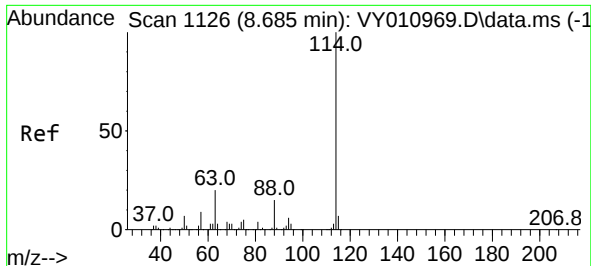
Tgt Ion:168 Resp: 352781
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.502 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011047.D
Acq: 21 Oct 2022 13:59

Tgt Ion: 65 Resp: 180360
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011047.D

Acq: 21 Oct 2022 13:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-I1-3.5-4.0

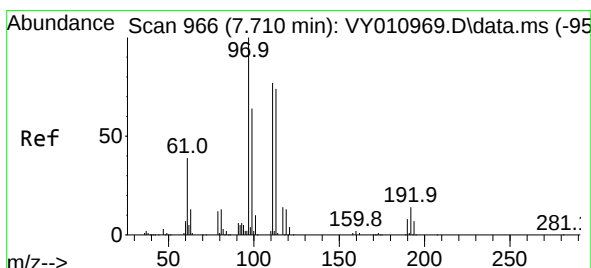
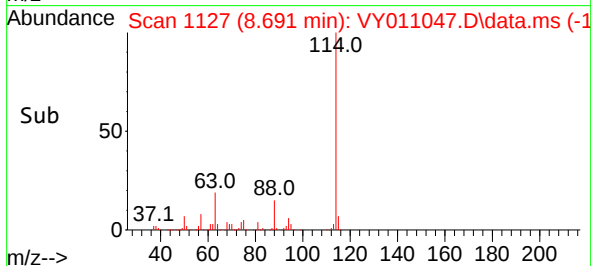
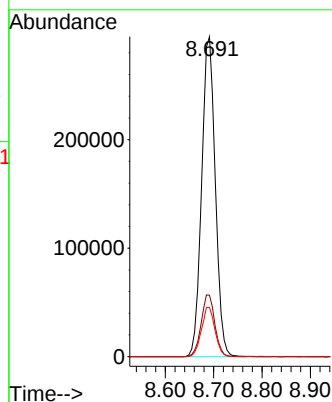
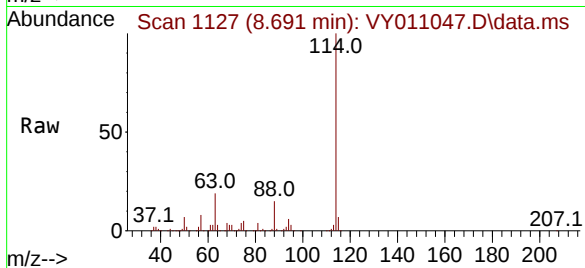
Tgt Ion:114 Resp: 577640

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.932 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011047.D

Acq: 21 Oct 2022 13:59

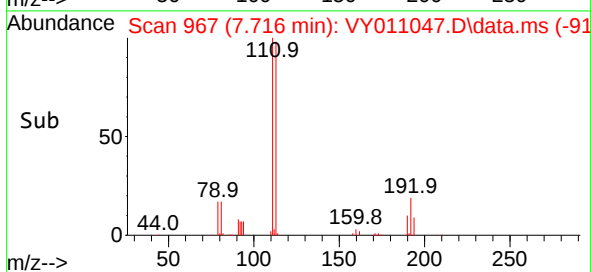
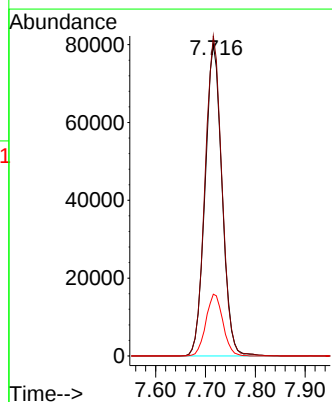
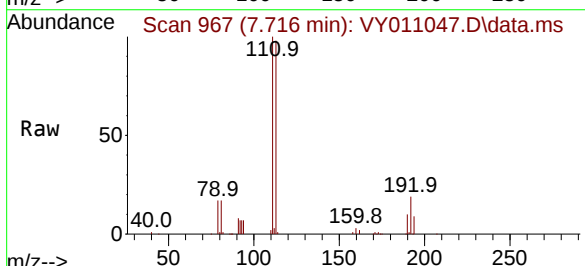
Tgt Ion:113 Resp: 188518

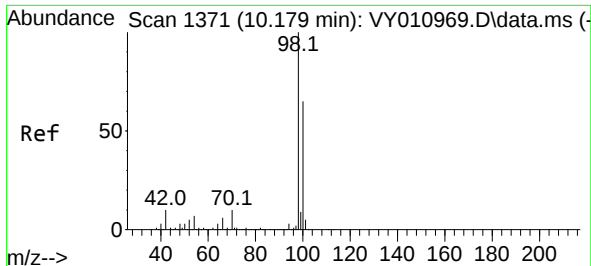
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 20.0 17.6 26.4

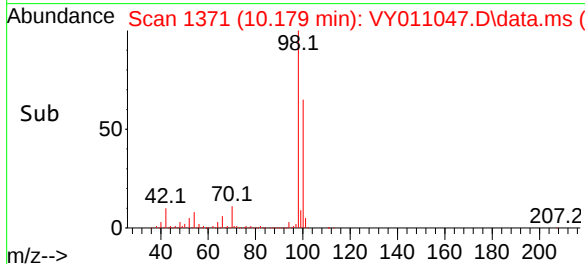
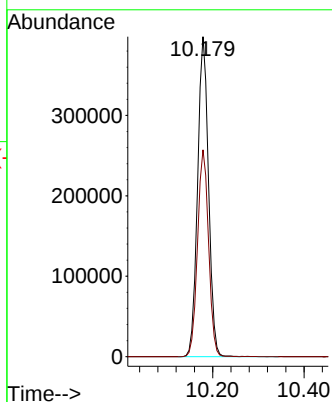
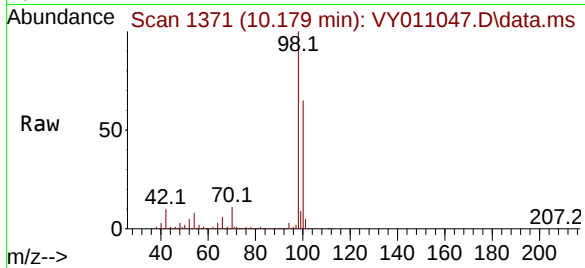




#50
Toluene-d8
Concen: 54.627 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011047.D
Acq: 21 Oct 2022 13:59

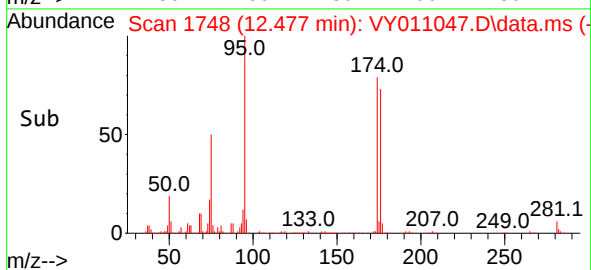
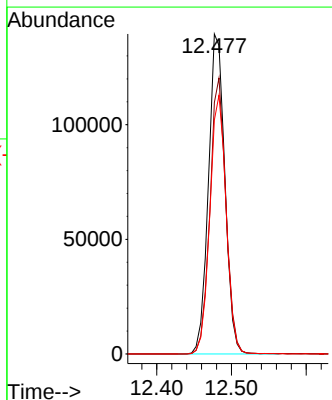
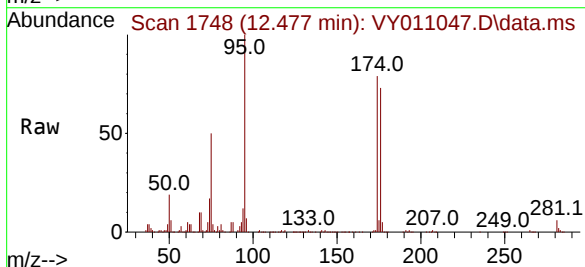
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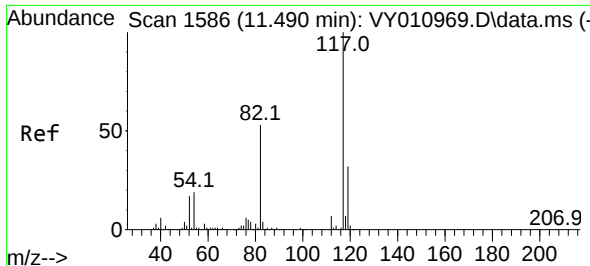
Tgt Ion: 98 Resp: 658861
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.995 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011047.D
Acq: 21 Oct 2022 13:59

Tgt Ion: 95 Resp: 213598
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.4 0.0 175.8

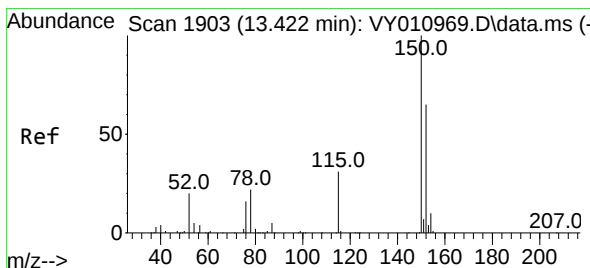
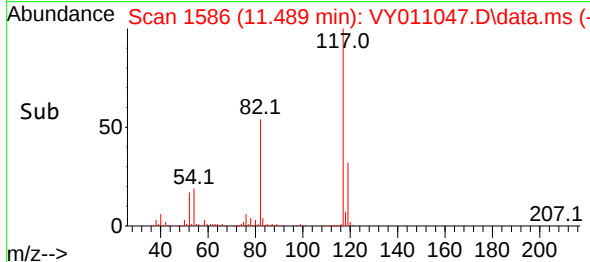
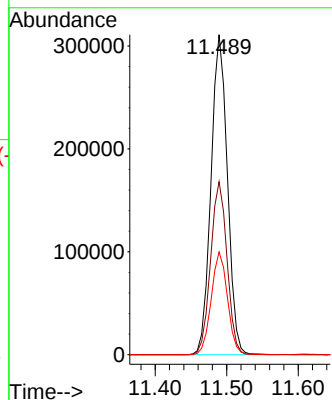
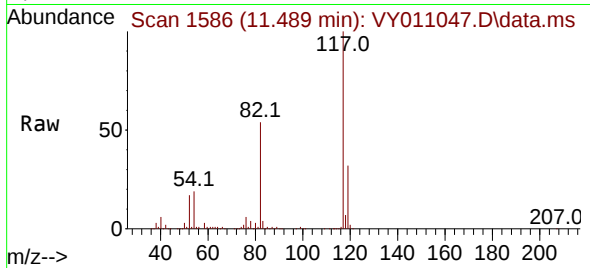




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011047.D
Acq: 21 Oct 2022 13:59

Instrument :
MSVOA_Y
ClientSampleId :
SB-11-3.5-4.0

Tgt Ion:117 Resp: 495080
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.1 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: VY011047.D
Acq: 21 Oct 2022 13:59

Tgt Ion:152 Resp: 216016
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.6 0.0 347.6

