

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011958.D
 Acq On : 21 Dec 2022 19:41
 Operator : KP/MD
 Sample : N6161-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 31877

Quant Time: Dec 22 00:15:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	124874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	211096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88482	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82853	65.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.720%
35) Dibromofluoromethane	7.722	113	74263	55.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.360%
50) Toluene-d8	10.179	98	271022	50.086	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.483	95	83298	45.771	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.540%

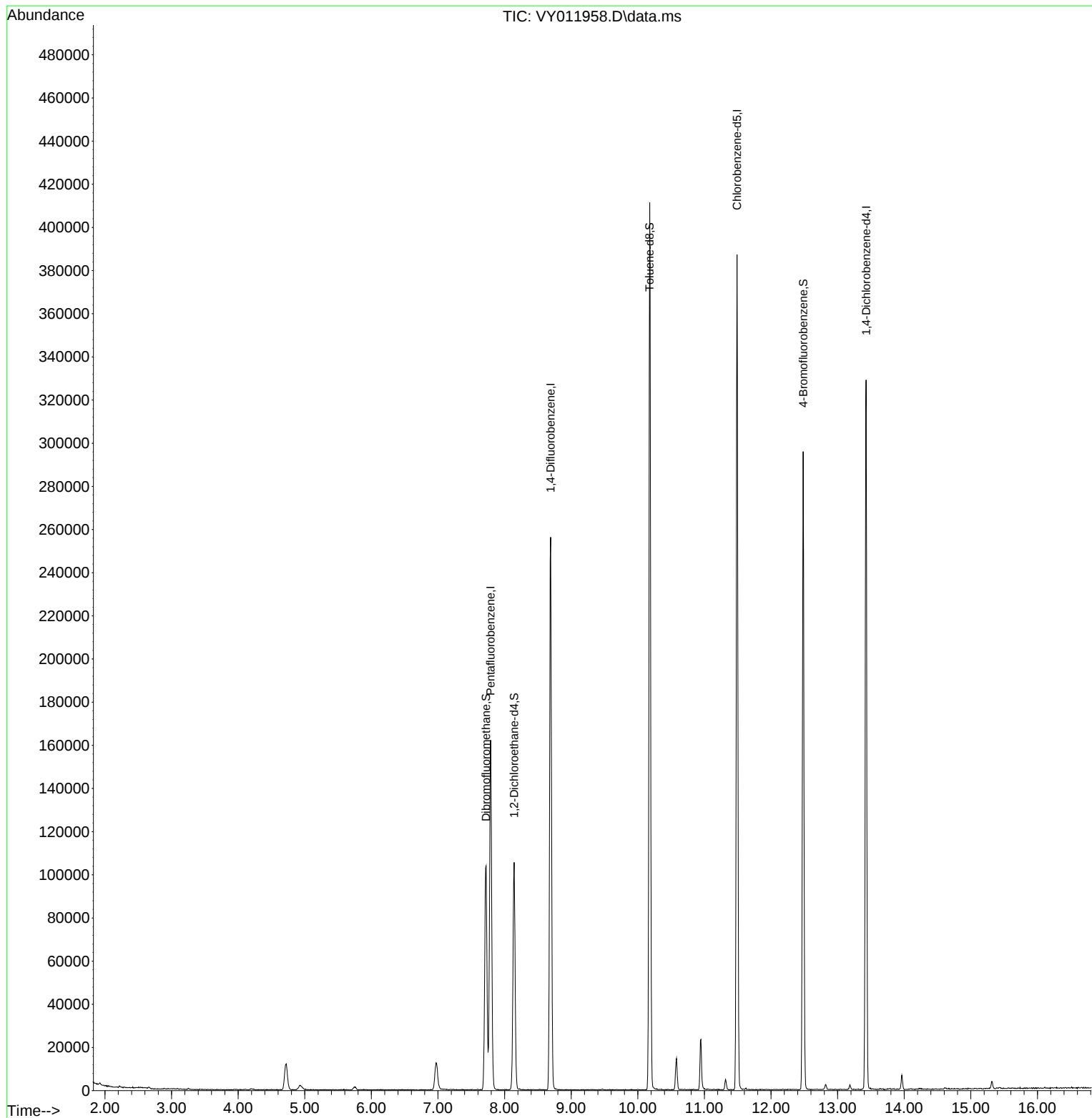
Target Compounds	Qvalue

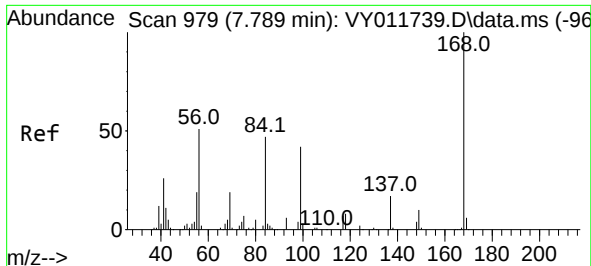
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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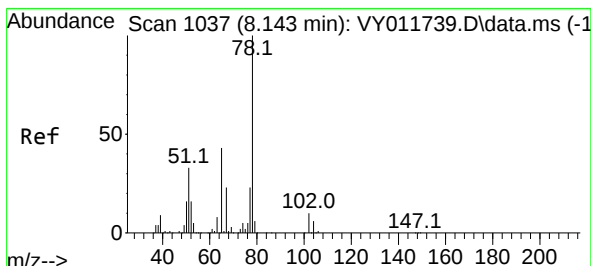
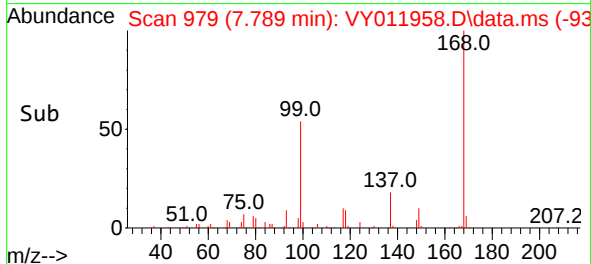
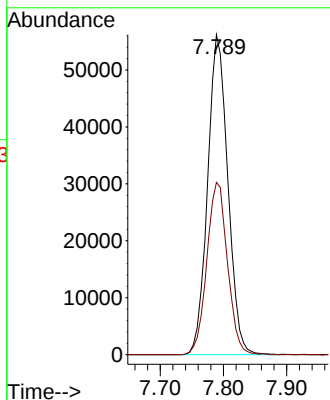
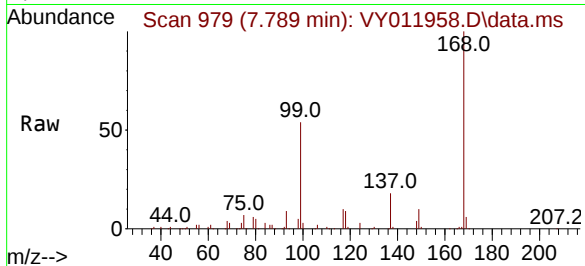




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011958.D
Acq: 21 Dec 2022 19:41

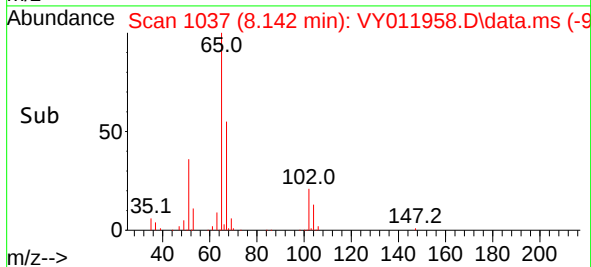
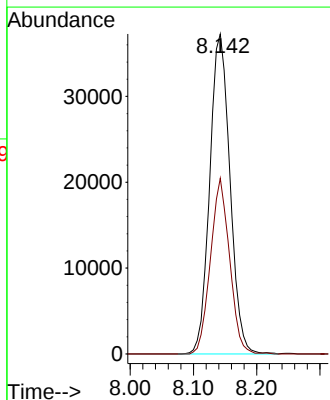
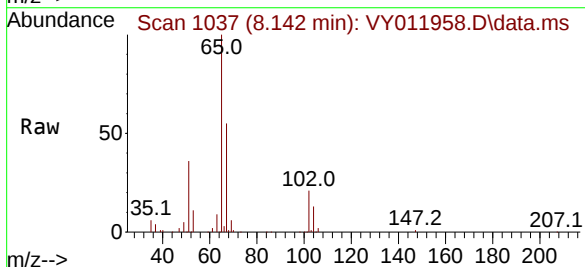
Instrument :
MSVOA_Y
ClientSampleId :
31877

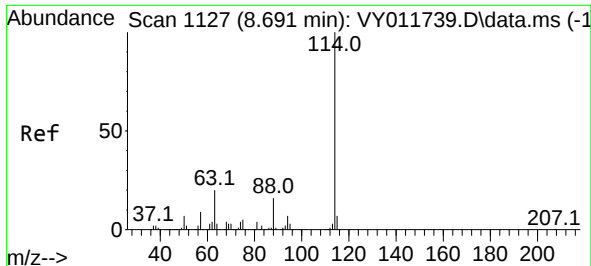
Tgt Ion:168 Resp: 124874
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 65.857 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011958.D
Acq: 21 Dec 2022 19:41

Tgt Ion: 65 Resp: 82853
Ion Ratio Lower Upper
65 100
67 51.7 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: VY011958.D

Acq: 21 Dec 2022 19:41

Instrument :

MSVOA_Y

ClientSampleId :

31877

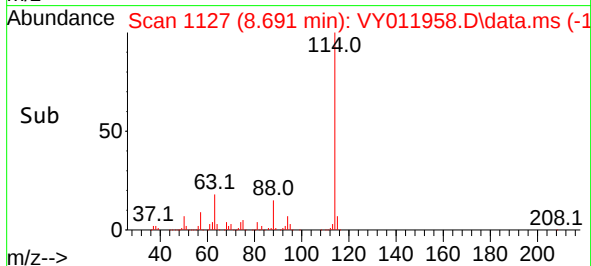
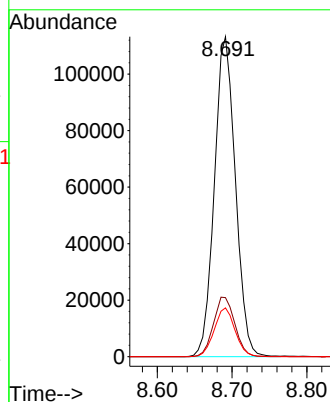
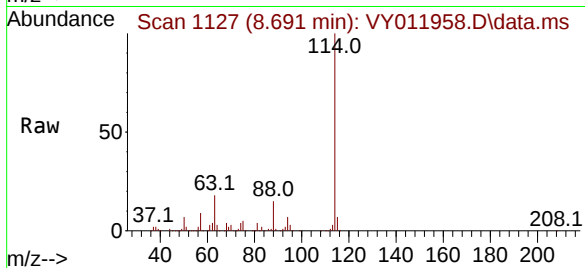
Tgt Ion:114 Resp: 221536

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.682 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011958.D

Acq: 21 Dec 2022 19:41

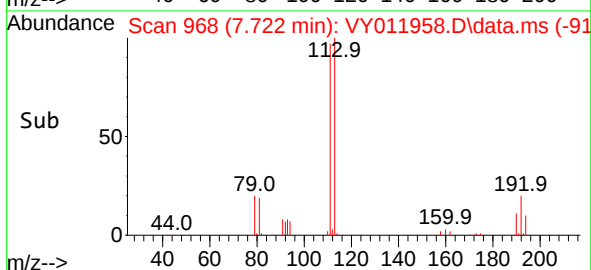
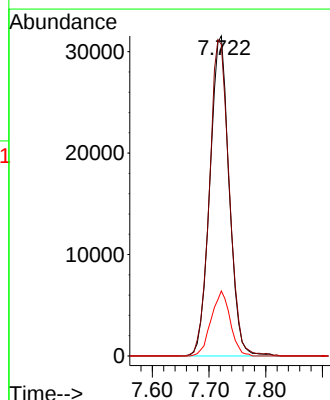
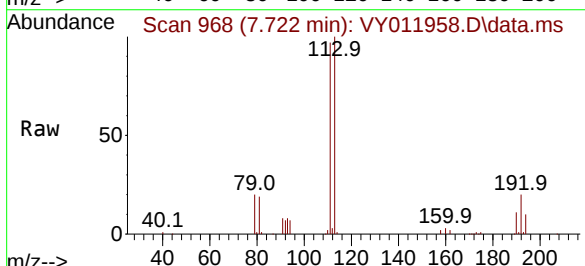
Tgt Ion:113 Resp: 74263

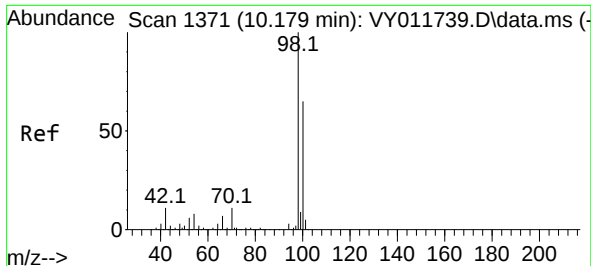
Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.4

192 20.1 16.0 24.0

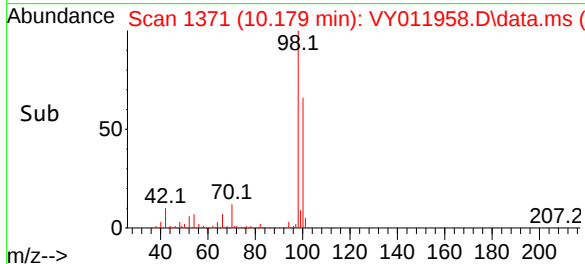
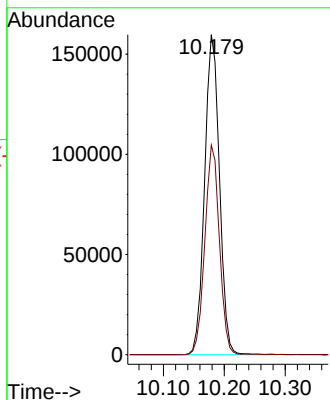
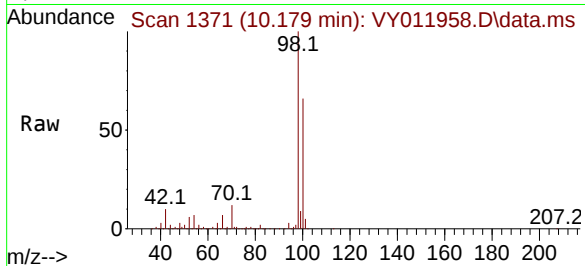




#50
Toluene-d8
Concen: 50.086 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011958.D
Acq: 21 Dec 2022 19:41

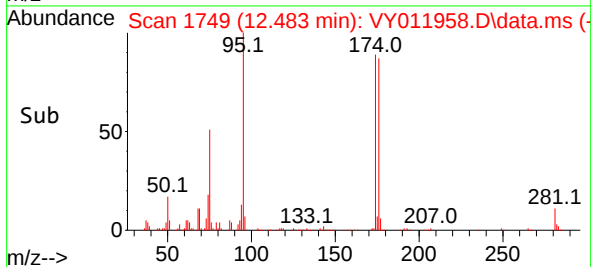
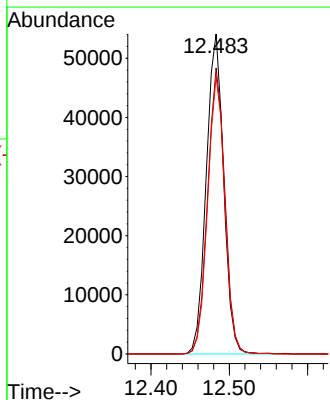
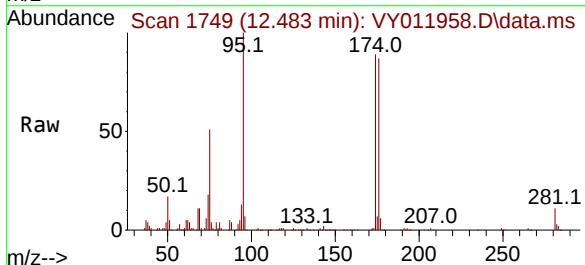
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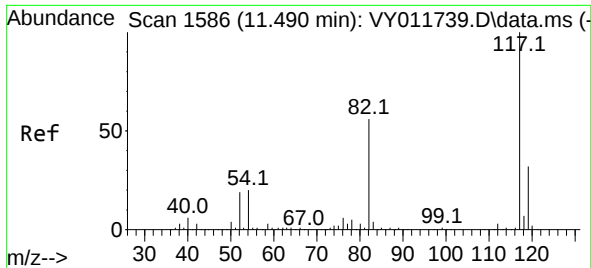
Tgt Ion: 98 Resp: 271022
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.771 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011958.D
Acq: 21 Dec 2022 19:41

Tgt Ion: 95 Resp: 83298
Ion Ratio Lower Upper
95 100
174 89.3 0.0 172.0
176 85.7 0.0 167.6

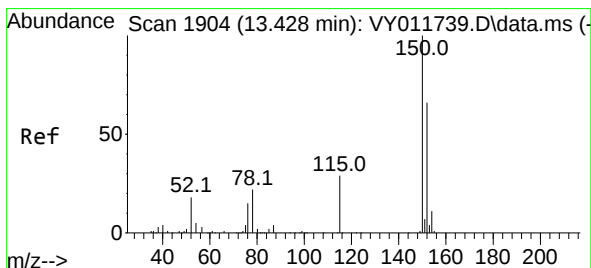
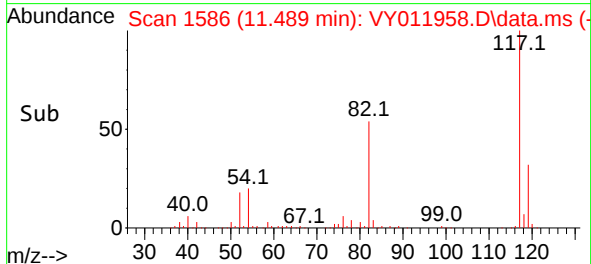
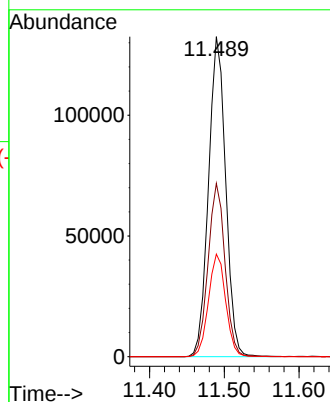
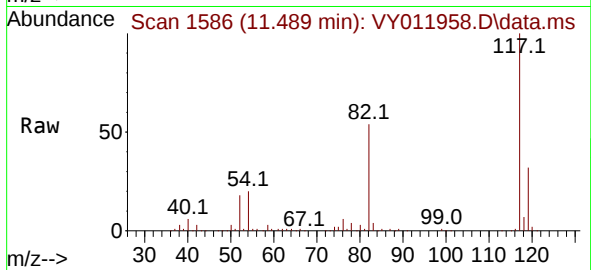




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011958.D
Acq: 21 Dec 2022 19:41

Instrument :
MSVOA_Y
ClientSampleId :
31877

Tgt Ion:117 Resp: 211096
Ion Ratio Lower Upper
117 100
82 54.2 44.8 67.2
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011958.D
Acq: 21 Dec 2022 19:41

Tgt Ion:152 Resp: 88482
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.3
150 159.4 0.0 342.6

