

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009811.D
 Acq On : 01 Aug 2022 20:56
 Operator : KP/MD
 Sample : N3961-05
 Misc : 3.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-172

Quant Time: Aug 02 01:43:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	132488	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	233888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	59176	69.074	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.140%	
35) Dibromofluoromethane	7.710	113	56409	44.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.680%	
50) Toluene-d8	10.179	98	236516	65.126	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 130.260%#	
62) 4-Bromofluorobenzene	12.483	95	66679	39.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 79.060%	

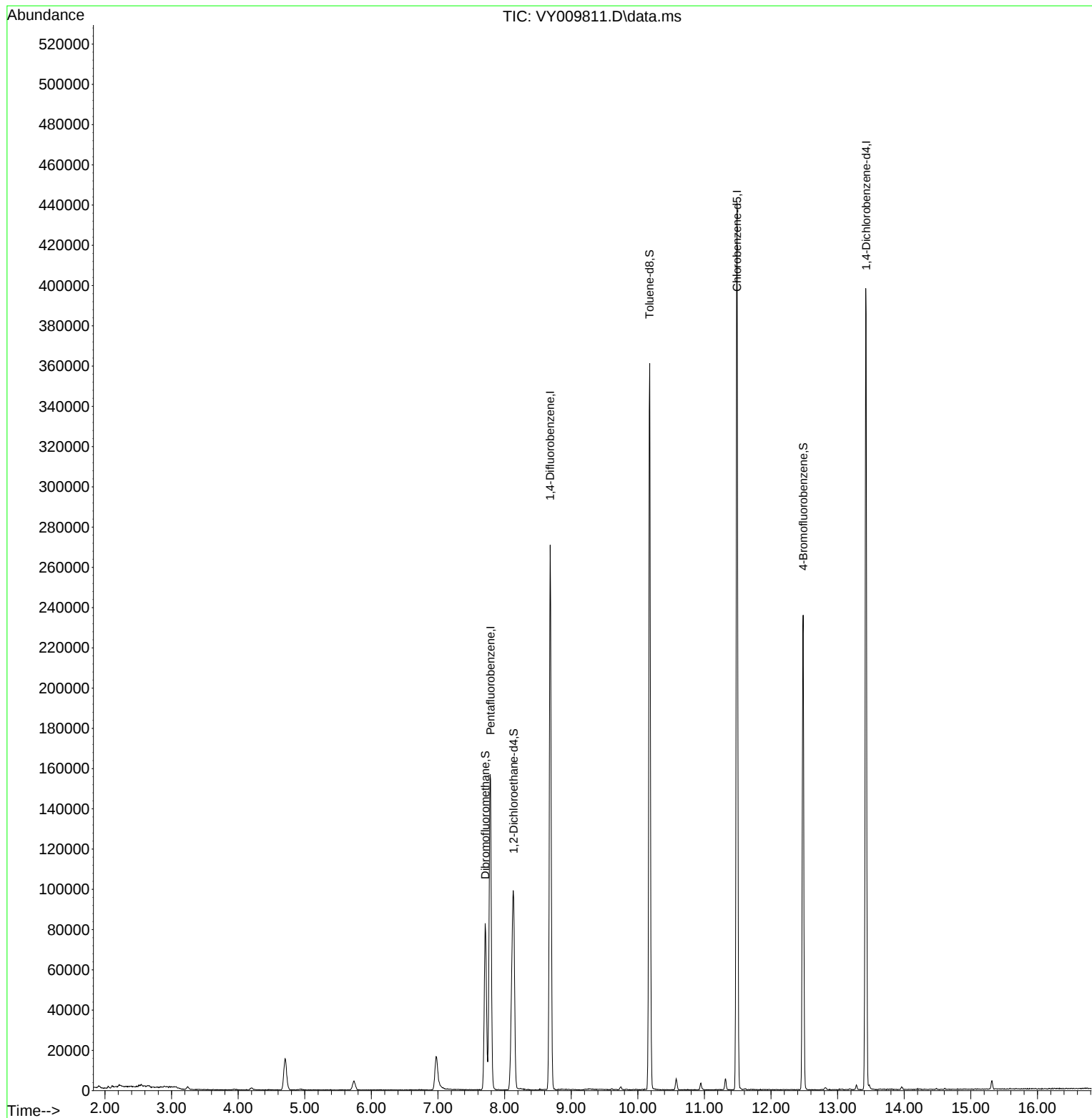
Target Compounds	Qvalue

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

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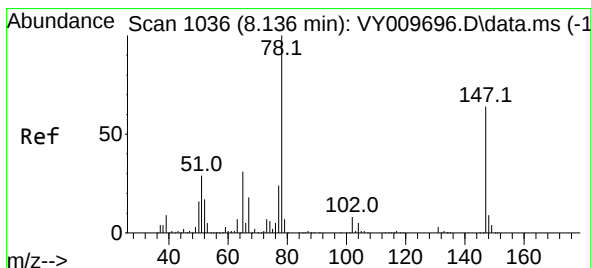
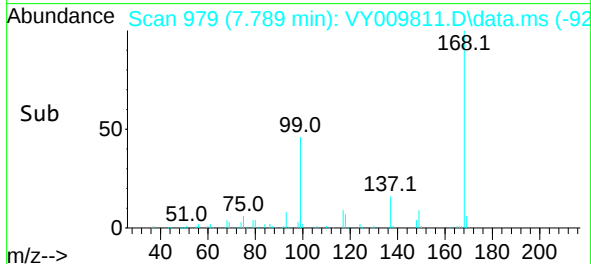
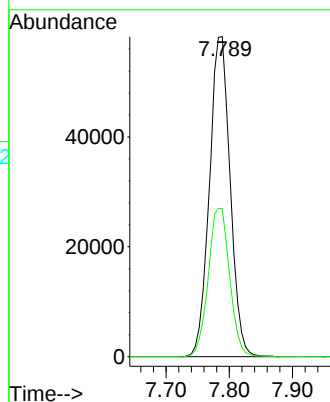
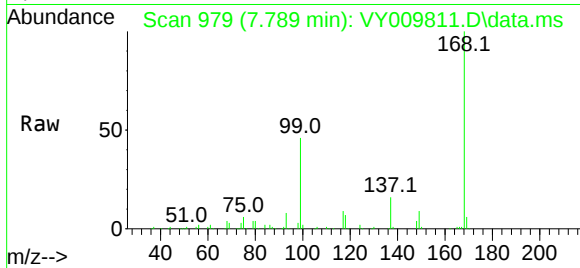




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009811.D
Acq: 01 Aug 2022 20:56

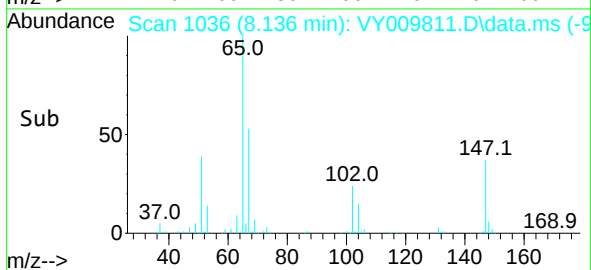
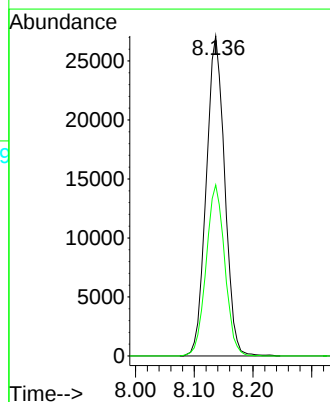
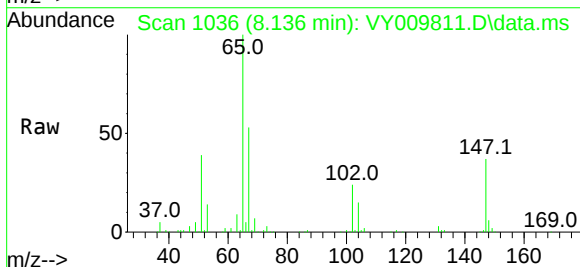
Instrument :
MSVOA_Y
ClientSampleId :
RVE-172

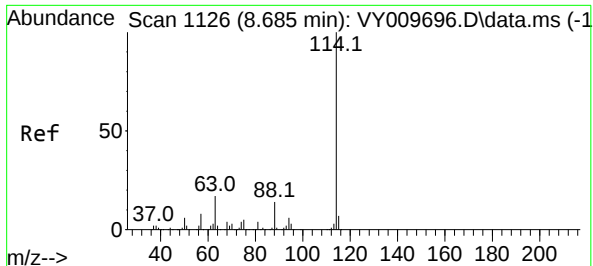
Tgt Ion:168 Resp: 132488
Ion Ratio Lower Upper
168 100
99 46.3 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 69.074 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009811.D
Acq: 01 Aug 2022 20:56

Tgt Ion: 65 Resp: 59176
Ion Ratio Lower Upper
65 100
67 54.0 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: VY009811.D

Acq: 01 Aug 2022 20:56

Instrument :

MSVOA_Y

ClientSampleId :

RVE-172

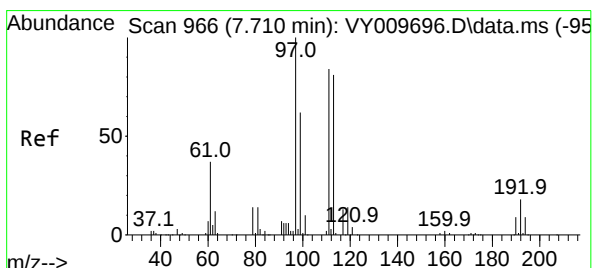
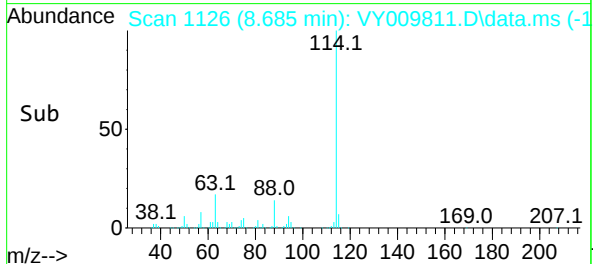
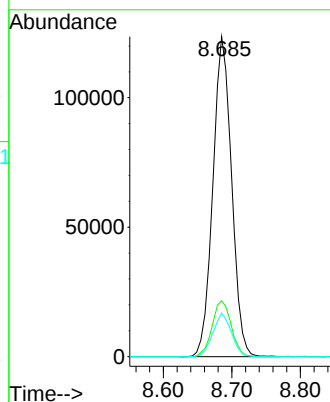
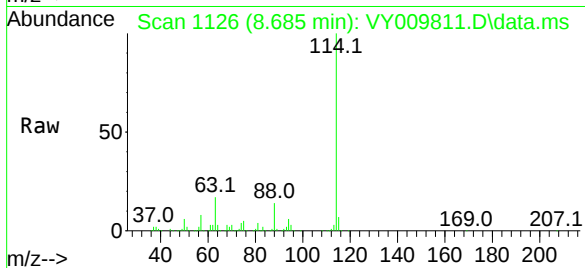
Tgt Ion:114 Resp: 233888

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.345 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009811.D

Acq: 01 Aug 2022 20:56

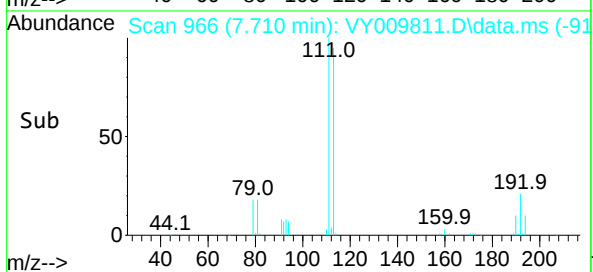
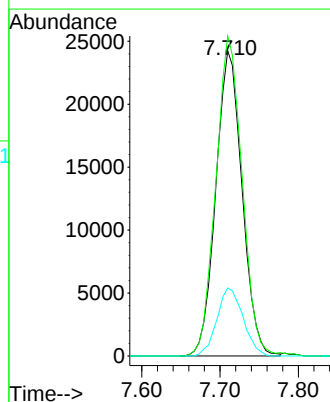
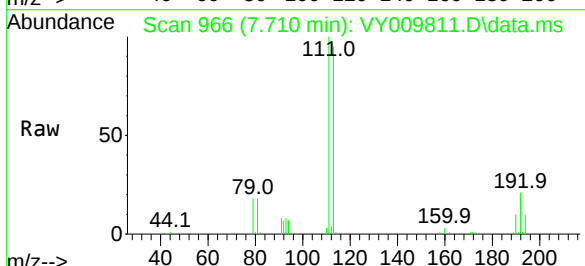
Tgt Ion:113 Resp: 56409

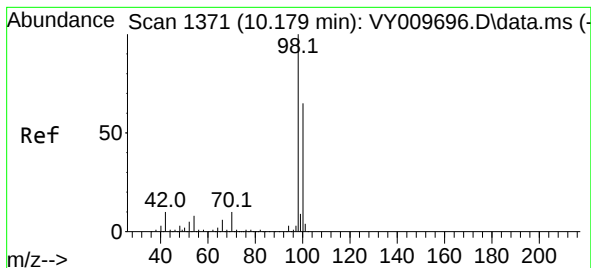
Ion Ratio Lower Upper

113 100

111 105.5 82.6 124.0

192 22.2 17.6 26.4





#50

Toluene-d8

Concen: 65.126 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009811.D

Acq: 01 Aug 2022 20:56

Instrument :

MSVOA_Y

ClientSampleId :

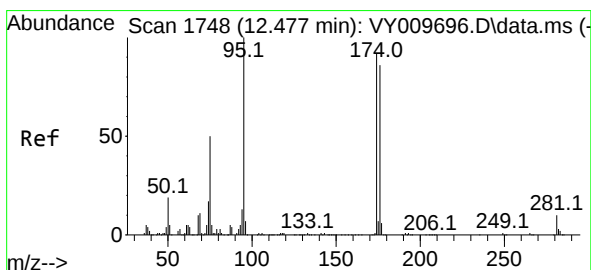
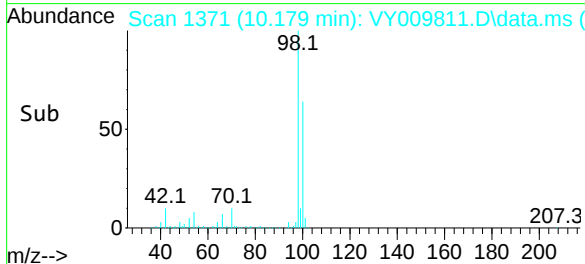
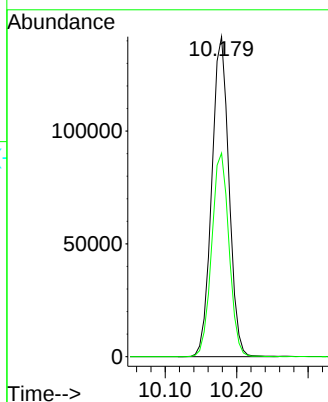
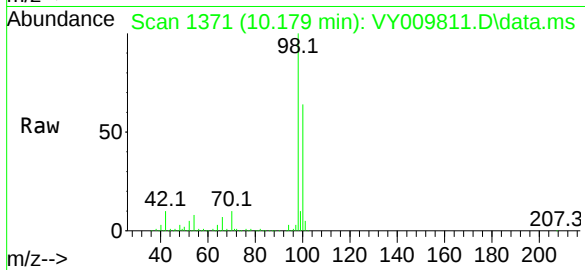
RVE-172

Tgt Ion: 98 Resp: 236516

Ion Ratio Lower Upper

98 100

100 64.1 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 39.532 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY009811.D

Acq: 01 Aug 2022 20:56

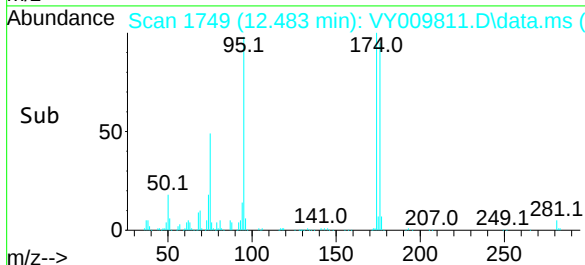
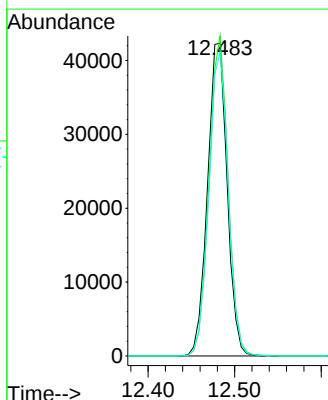
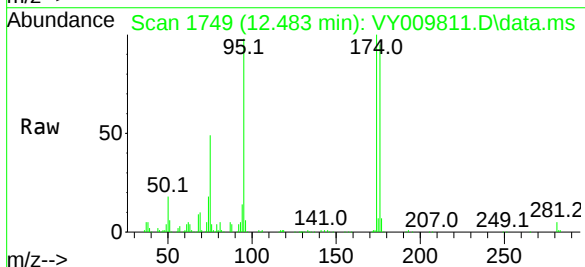
Tgt Ion: 95 Resp: 66679

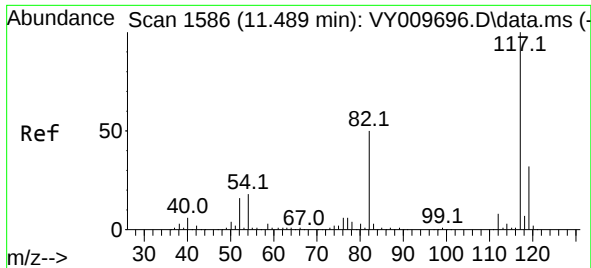
Ion Ratio Lower Upper

95 100

174 99.5 0.0 177.0

176 95.6 0.0 175.8

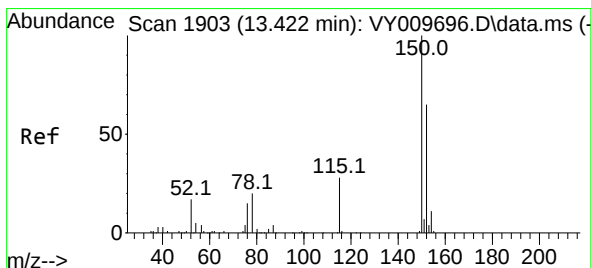
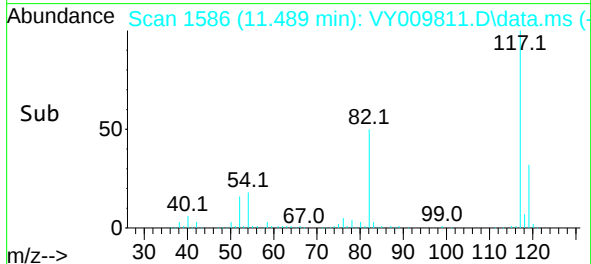
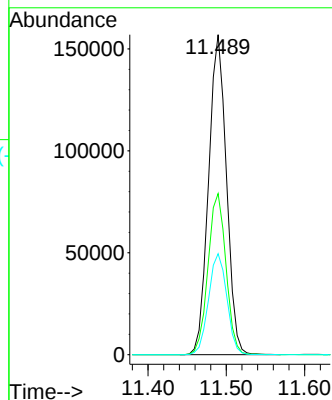
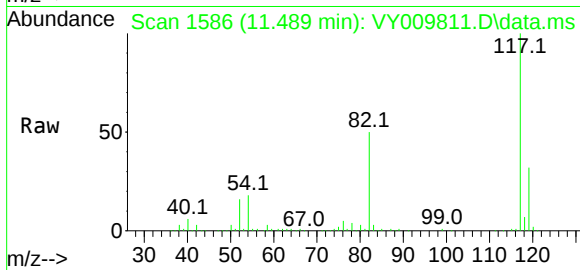




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009811.D
Acq: 01 Aug 2022 20:56

Instrument :
MSVOA_Y
ClientSampleId :
RVE-172

Tgt Ion:117 Resp: 248235
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009811.D
Acq: 01 Aug 2022 20:56

Tgt Ion:152 Resp: 107624
Ion Ratio Lower Upper
152 100
115 53.6 28.2 84.7
150 156.2 0.0 347.6

