

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009795.D
 Acq On : 01 Aug 2022 14:41
 Operator : KP/MD
 Sample : N3935-05
 Misc : 3.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-136

Quant Time: Aug 02 01:39:12 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	7.783	168	161465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	235919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110152	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67748	64.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.080%
35) Dibromofluoromethane	7.716	113	68663	46.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.540%
50) Toluene-d8	10.179	98	220159	51.626	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.477	95	65743	33.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	67.540%

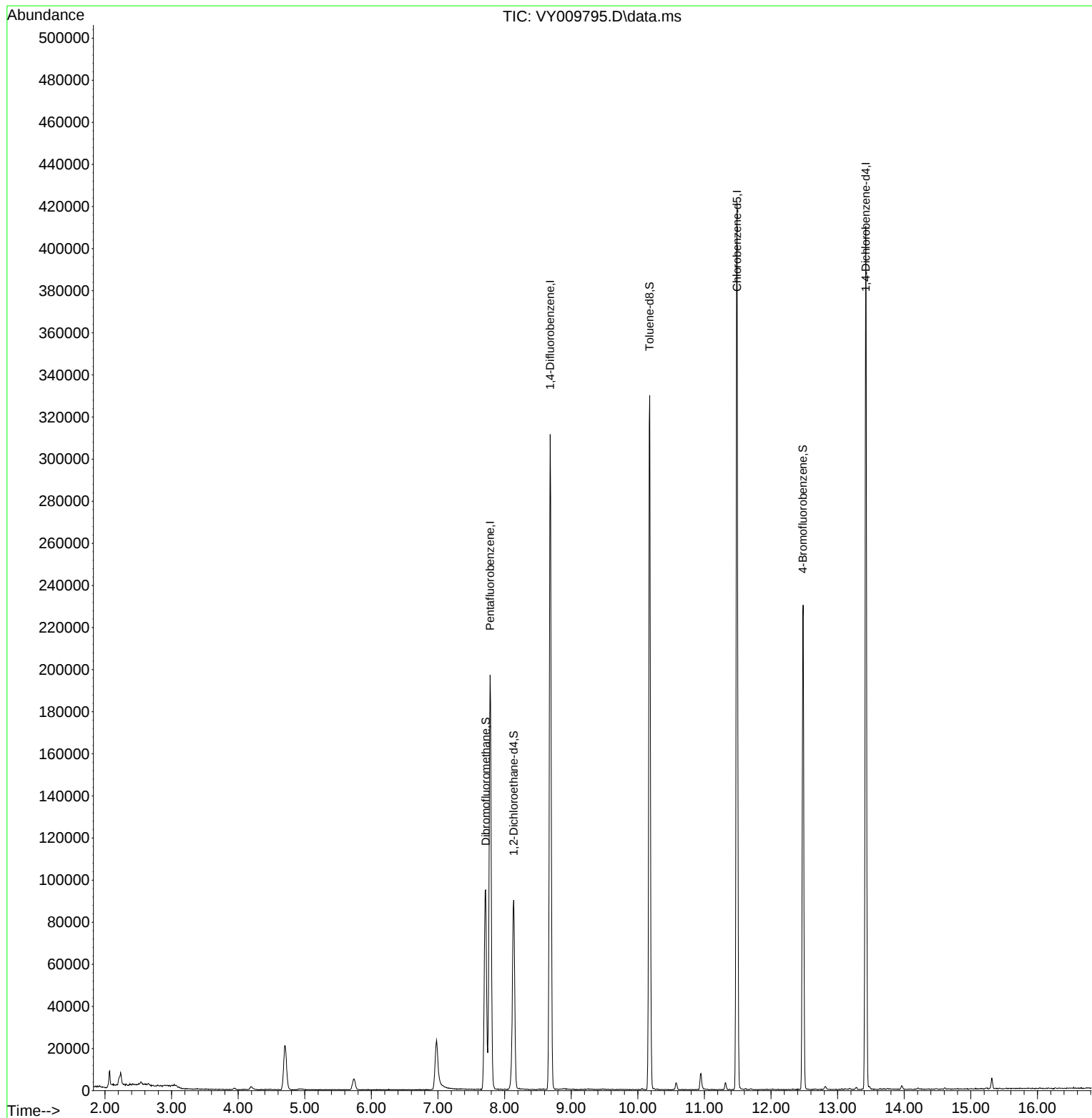
Target Compounds	Qvalue

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

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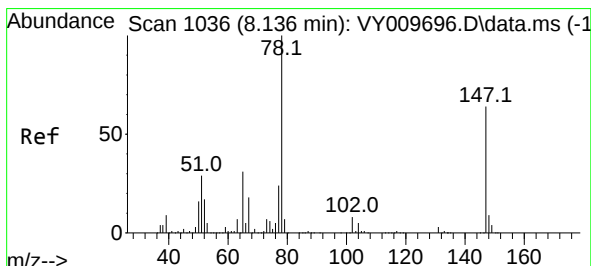
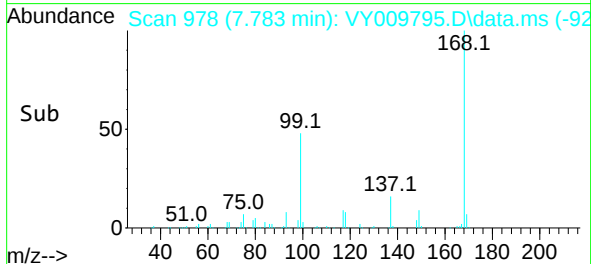
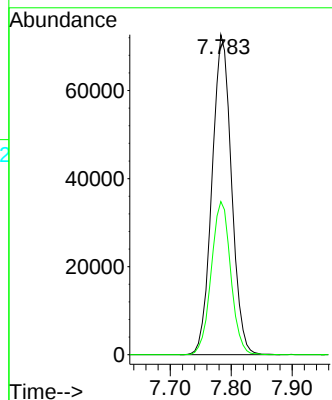
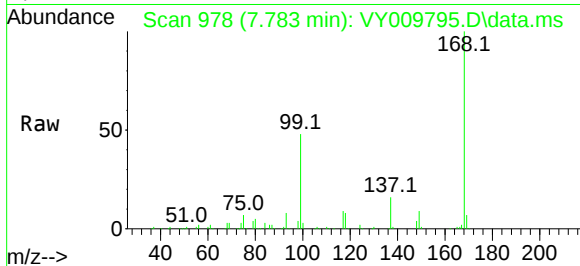




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

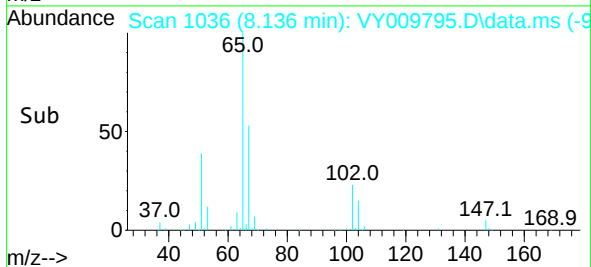
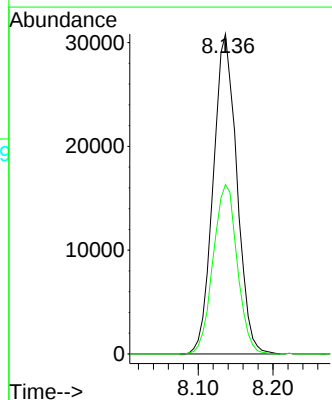
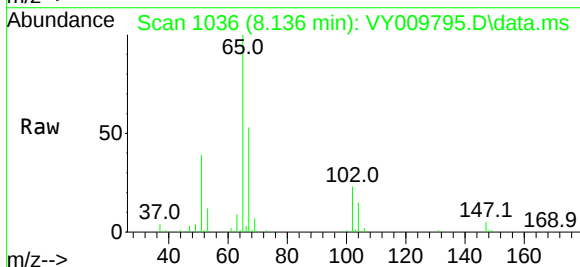
Instrument :
MSVOA_Y
ClientSampleId :
RVE-136

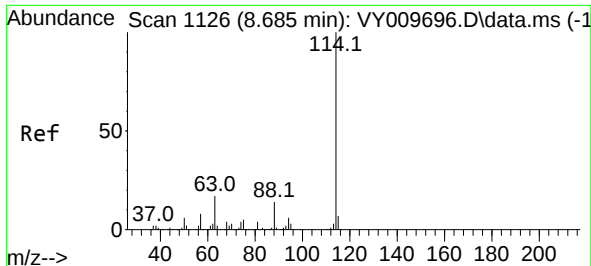
Tgt Ion:168 Resp: 161465
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.539 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

Tgt Ion: 65 Resp: 67748
Ion Ratio Lower Upper
65 100
67 54.1 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: VY009795.D

Acq: 01 Aug 2022 14:41

Instrument :

MSVOA_Y

ClientSampleId :

RVE-136

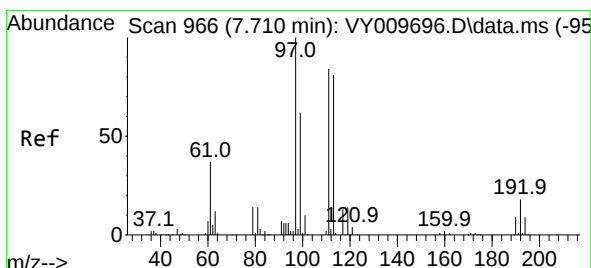
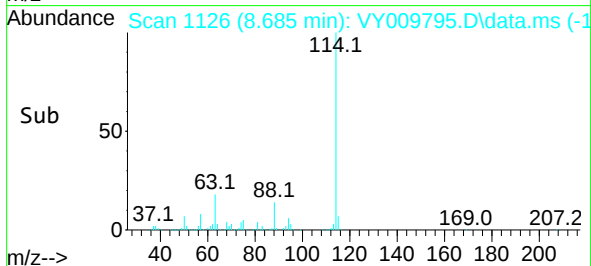
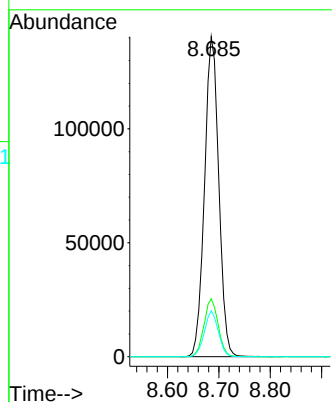
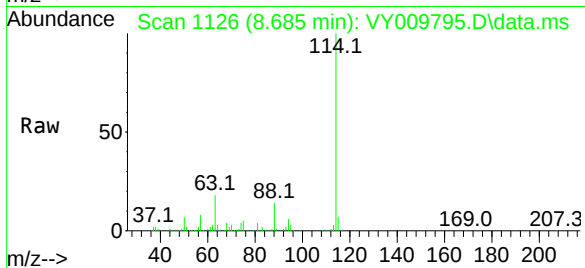
Tgt Ion:114 Resp: 269954

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.767 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009795.D

Acq: 01 Aug 2022 14:41

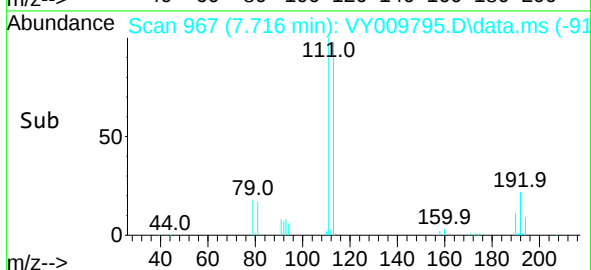
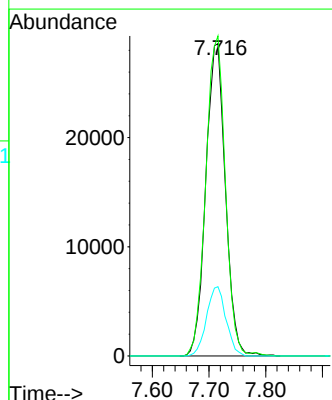
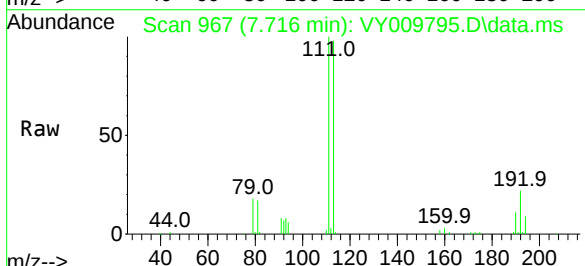
Tgt Ion:113 Resp: 68663

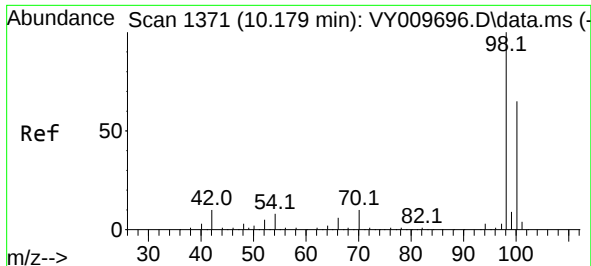
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 22.0 17.6 26.4

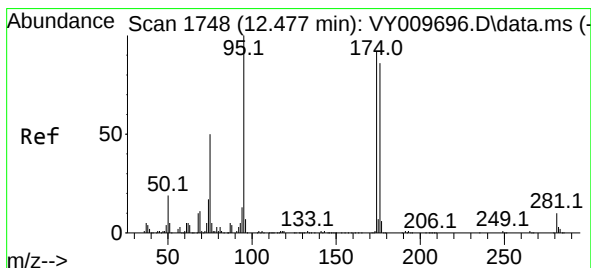
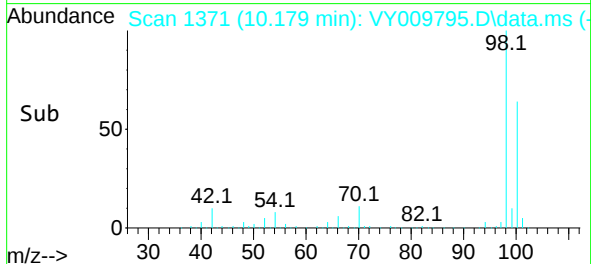
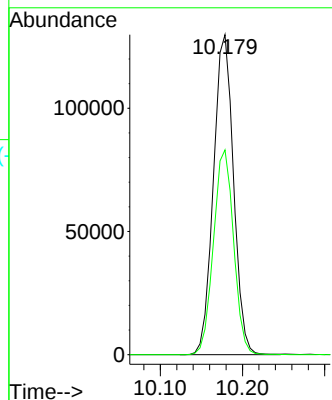
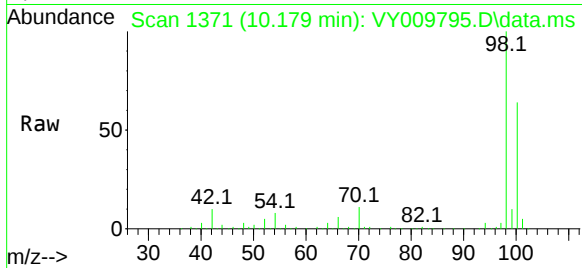




#50
Toluene-d8
Concen: 51.626 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

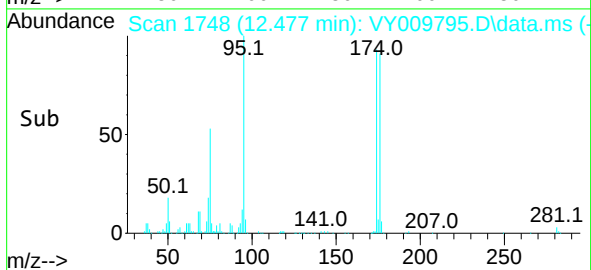
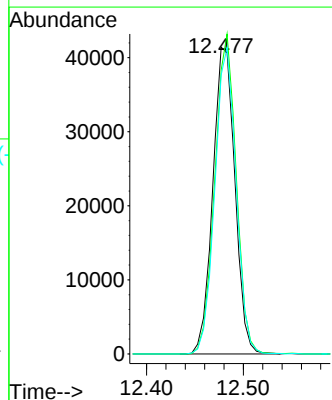
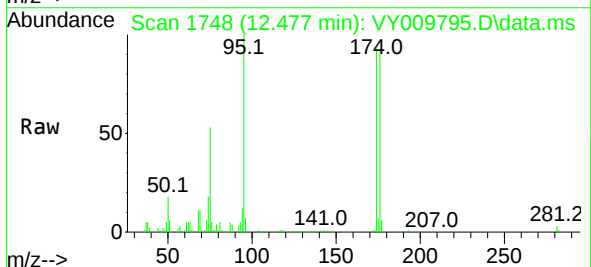
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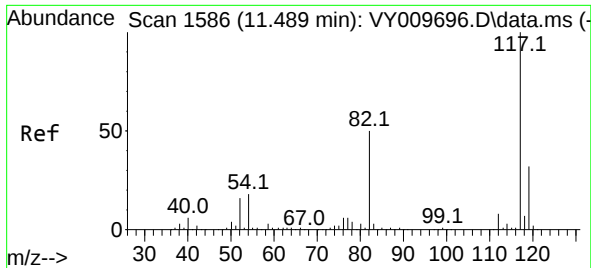
Tgt Ion: 98 Resp: 220159
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.769 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

Tgt Ion: 95 Resp: 65743
Ion Ratio Lower Upper
95 100
174 100.7 0.0 177.0
176 96.0 0.0 175.8

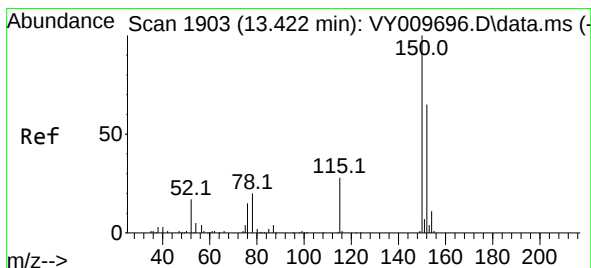
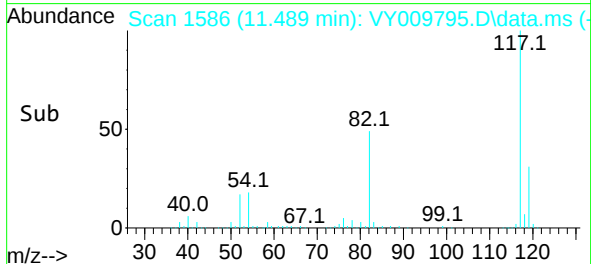
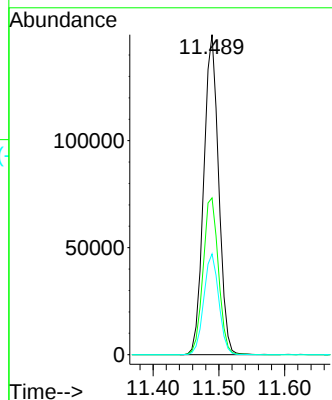
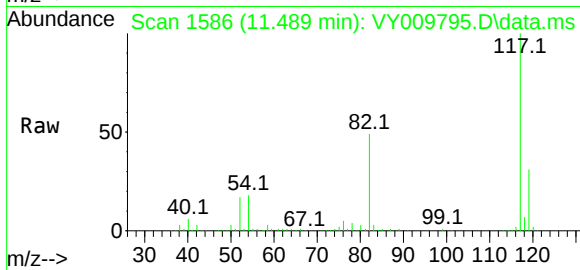




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009795.D
Acq: 01 Aug 2022 14:41

Instrument :
MSVOA_Y
ClientSampleId :
RVE-136

Tgt Ion:117 Resp: 235919
Ion Ratio Lower Upper
117 100
82 49.0 43.0 64.4
119 31.5 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: VY009795.D
Acq: 01 Aug 2022 14:41

Tgt Ion:152 Resp: 110152
Ion Ratio Lower Upper
152 100
115 53.1 28.2 84.7
150 157.4 0.0 347.6

