

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011714.D
 Acq On : 06 Dec 2022 13:30
 Operator : KP/MD
 Sample : N5872-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-120222RE

Quant Time: Dec 06 23:44:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	65705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	115628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	111410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45621	68.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.760%
35) Dibromofluoromethane	7.716	113	41007	57.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.220%
50) Toluene-d8	10.179	98	138749	53.641	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.280%
62) 4-Bromofluorobenzene	12.483	95	43484	45.469	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.940%

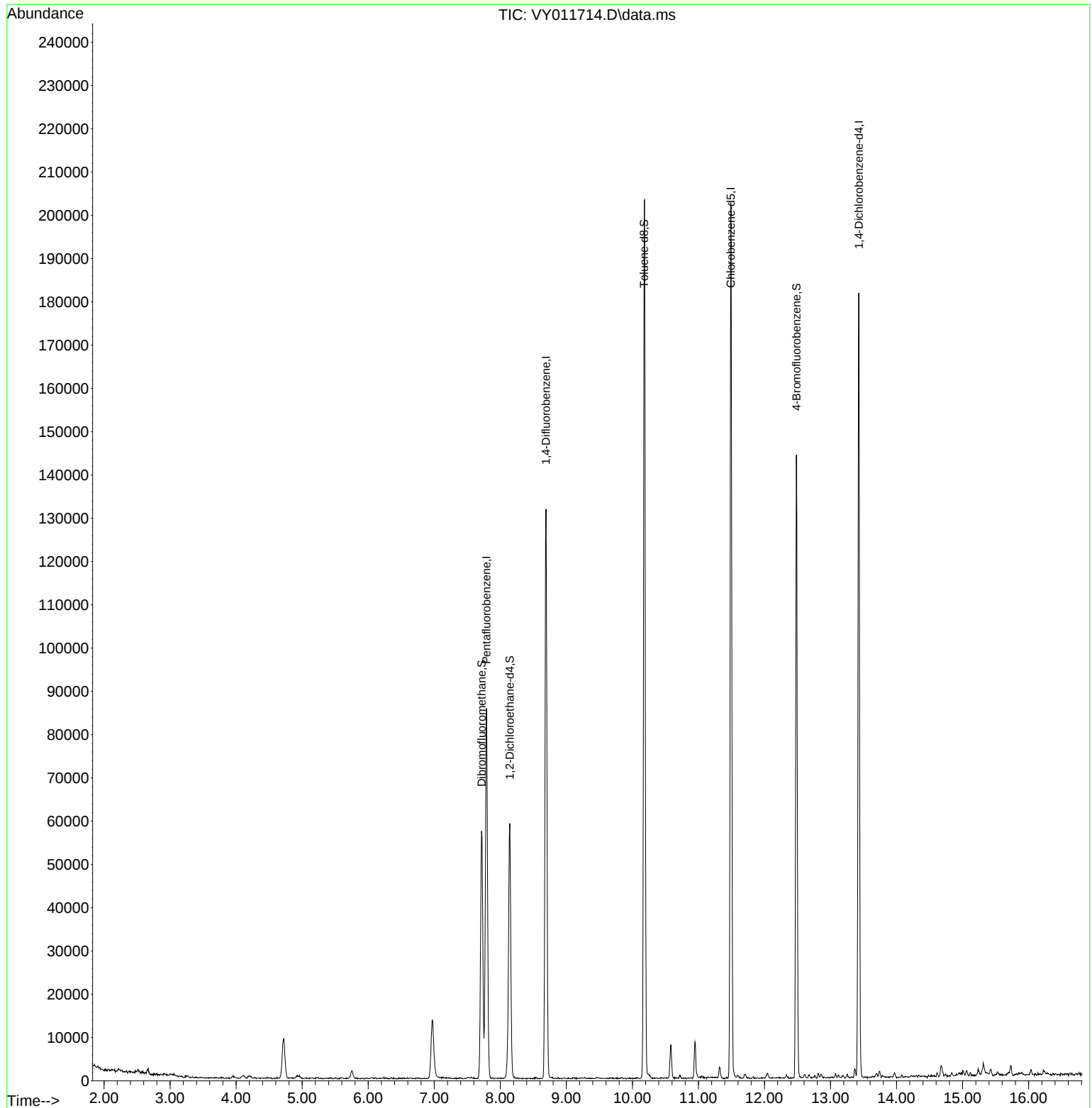
Target Compounds	Qvalue

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

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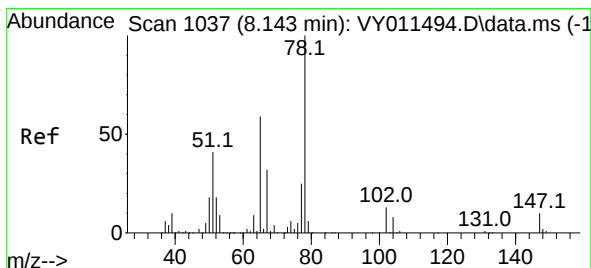
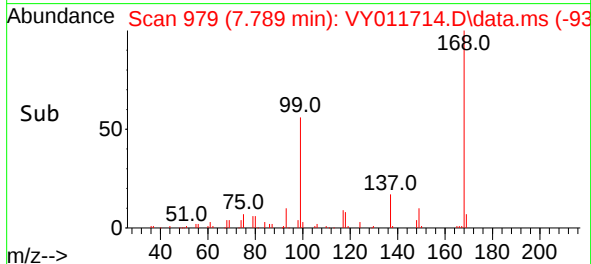
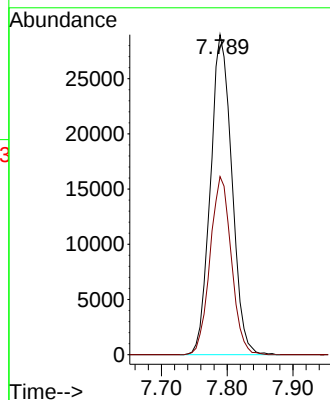
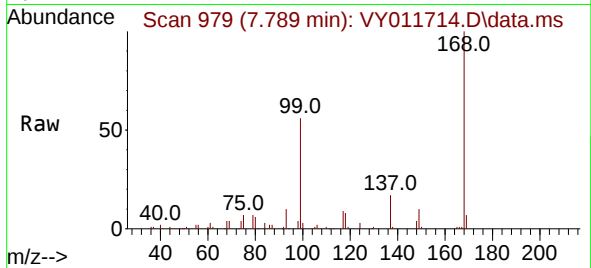




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011714.D
Acq: 06 Dec 2022 13:30

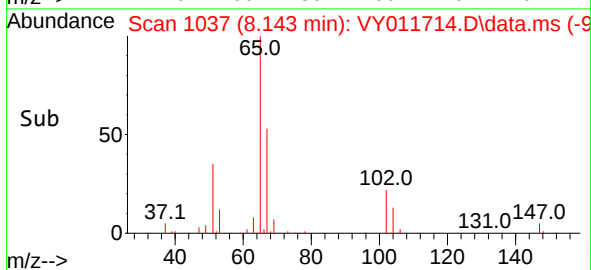
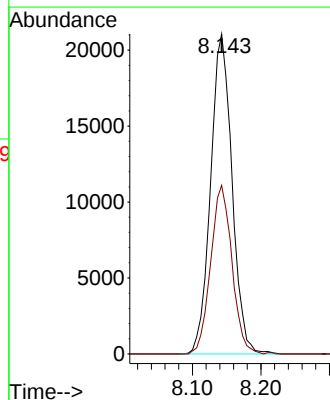
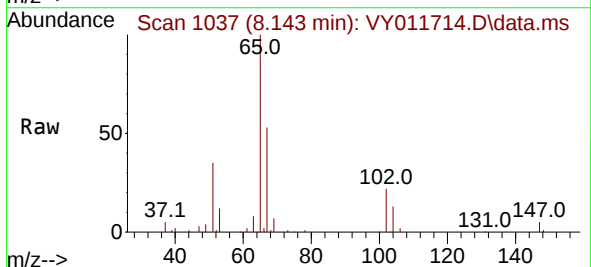
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-120222RE

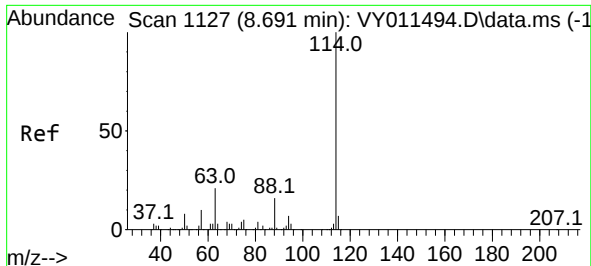
Tgt Ion:168 Resp: 65705
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.380 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011714.D
Acq: 06 Dec 2022 13:30

Tgt Ion: 65 Resp: 45621
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011714.D

Acq: 06 Dec 2022 13:30

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-120222RE

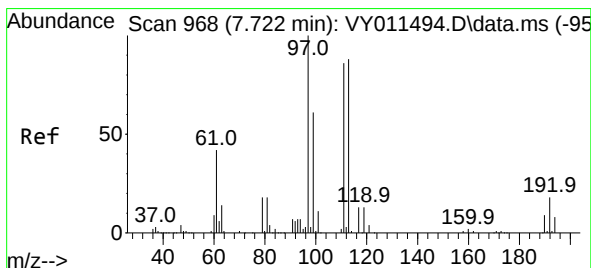
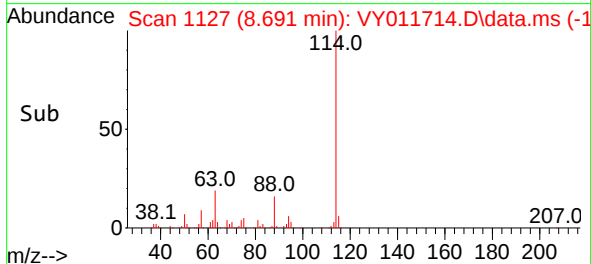
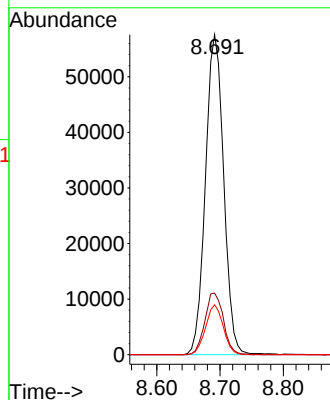
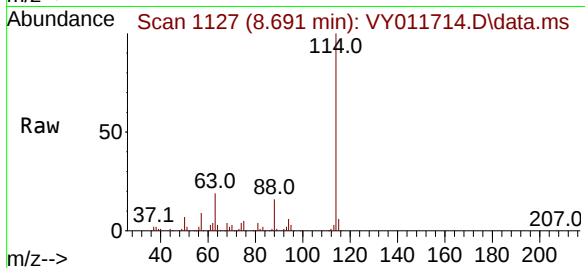
Tgt Ion:114 Resp: 115628

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.610 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011714.D

Acq: 06 Dec 2022 13:30

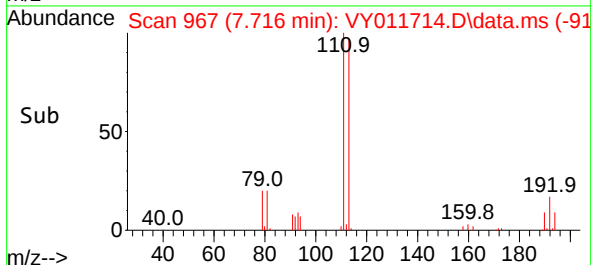
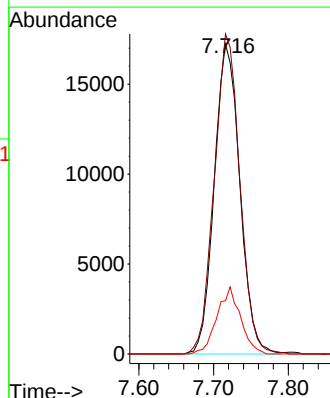
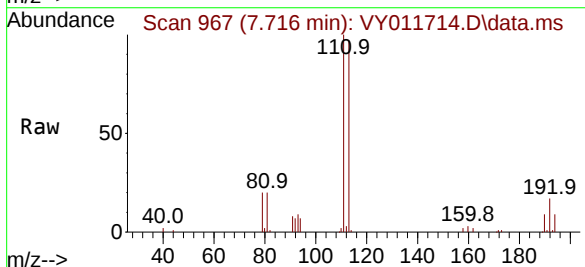
Tgt Ion:113 Resp: 41007

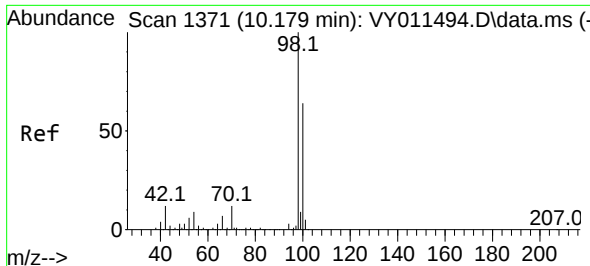
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.9 17.6 26.4

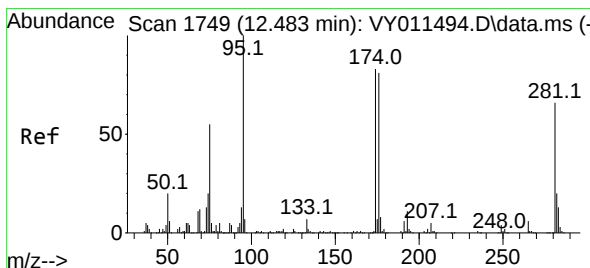
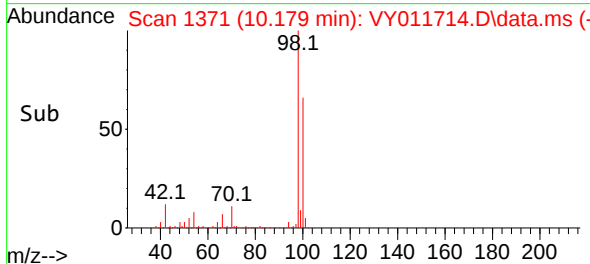
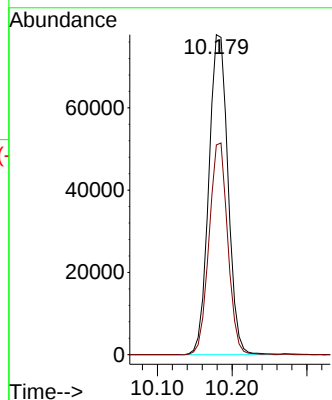
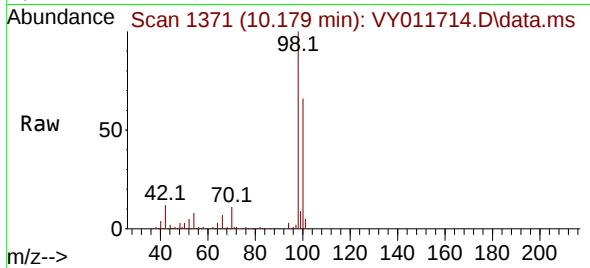




#50
Toluene-d8
Concen: 53.641 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011714.D
Acq: 06 Dec 2022 13:30

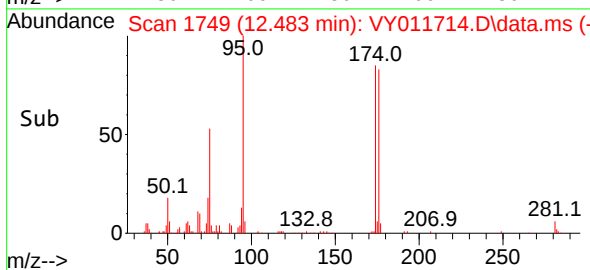
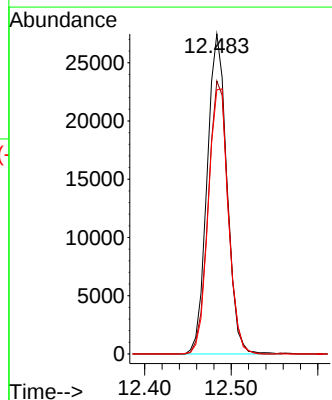
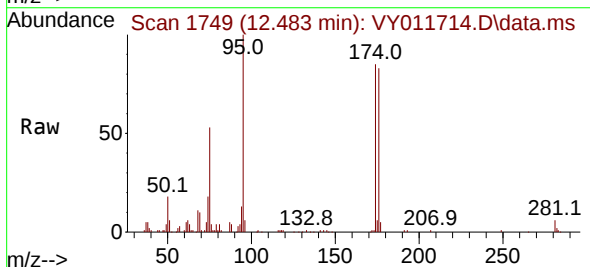
Instrument :
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Tgt Ion: 98 Resp: 138749
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.469 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011714.D
Acq: 06 Dec 2022 13:30

Tgt Ion: 95 Resp: 43484
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 84.1 0.0 175.8

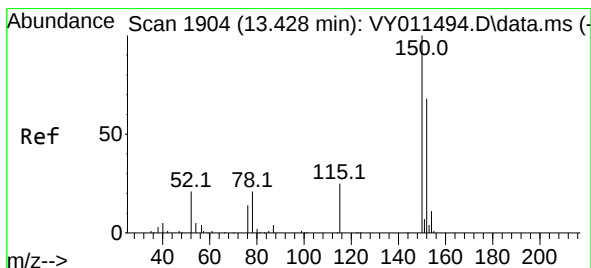
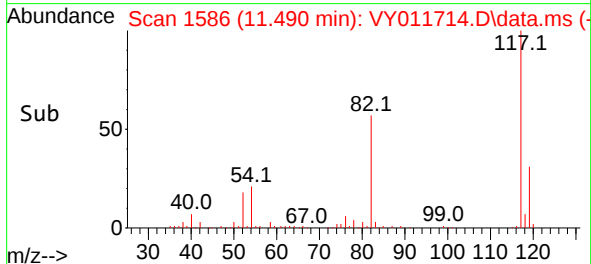
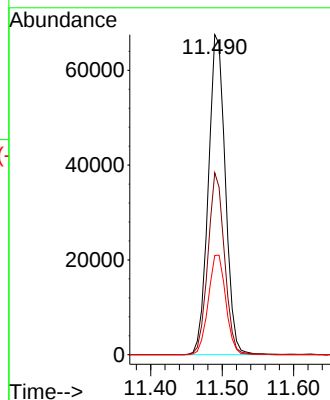
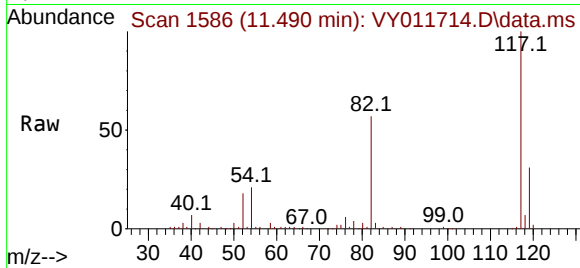




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011714.D
Acq: 06 Dec 2022 13:30

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-120222RE

Tgt Ion:117 Resp: 111410
Ion Ratio Lower Upper
117 100
82 56.8 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011714.D
Acq: 06 Dec 2022 13:30

Tgt Ion:152 Resp: 47582
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 157.7 0.0 347.6

