

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011551.D
 Acq On : 22 Nov 2022 16:25
 Operator : KP/MD
 Sample : N5723-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-111822

Quant Time: Nov 23 04:08:13 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	98264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	185708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67315	67.466	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.940%
35) Dibromofluoromethane	7.716	113	61847	54.100	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.200%
50) Toluene-d8	10.179	98	227325	54.720	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.440%
62) 4-Bromofluorobenzene	12.483	95	66902	43.557	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.120%

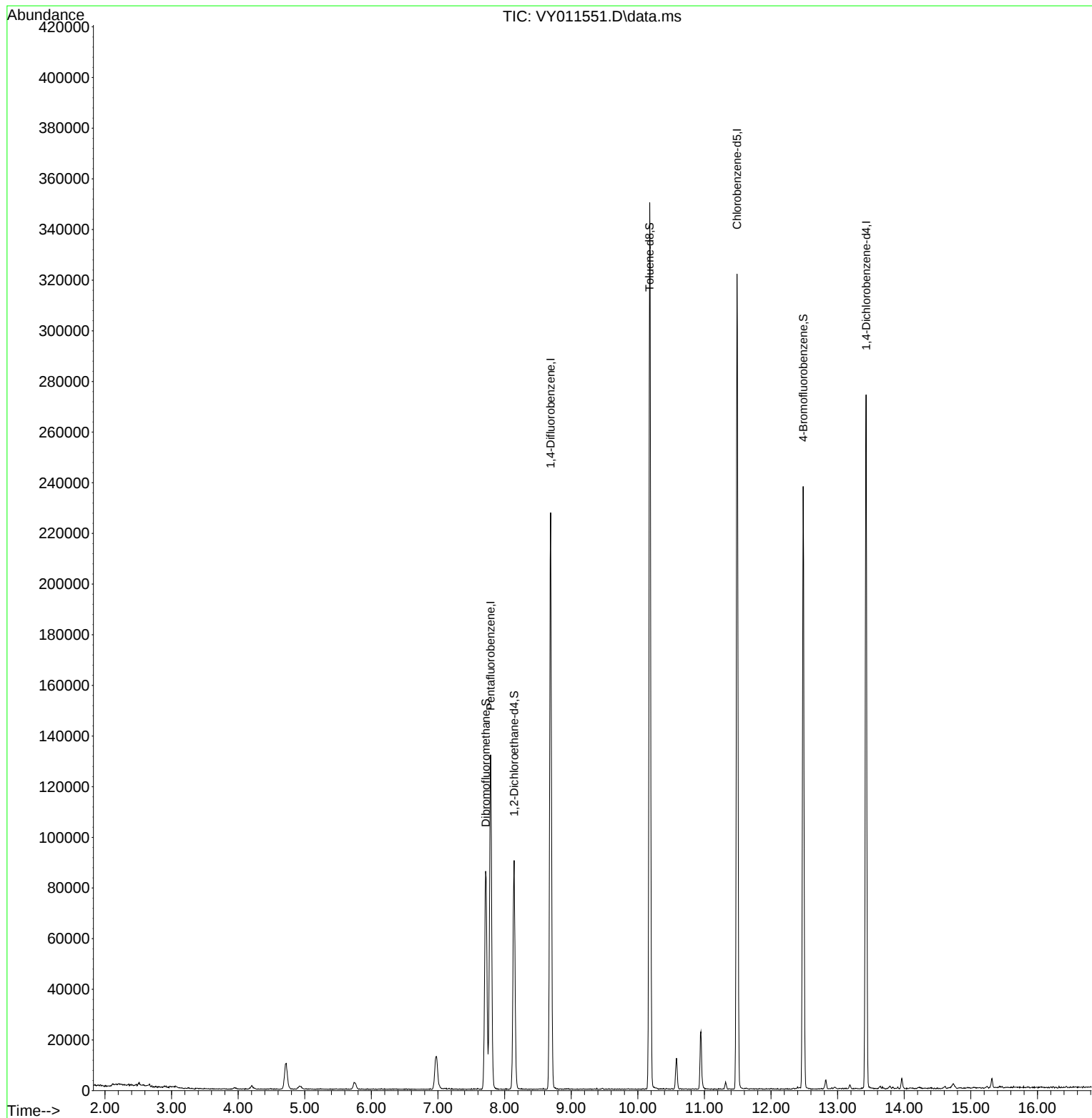
Target Compounds	Qvalue

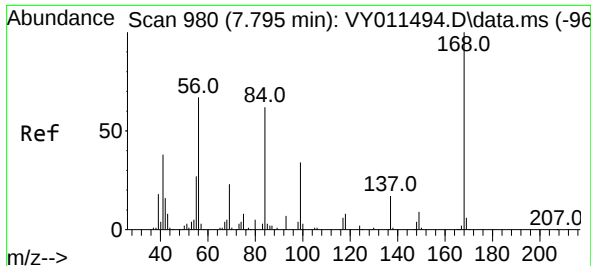
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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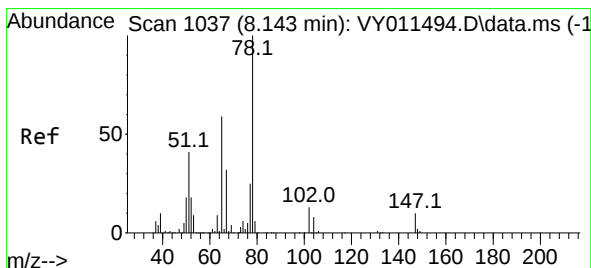
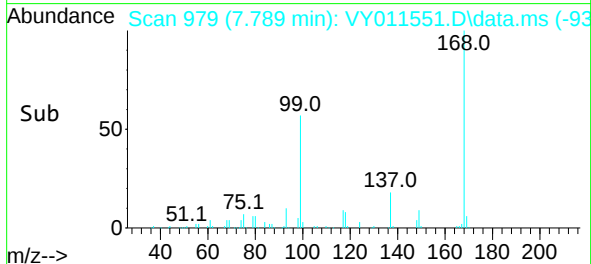
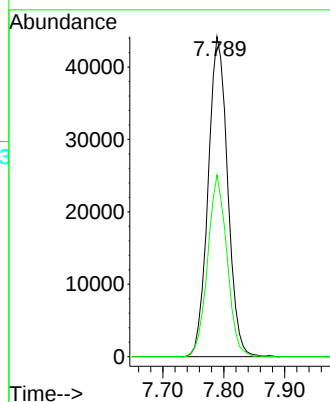
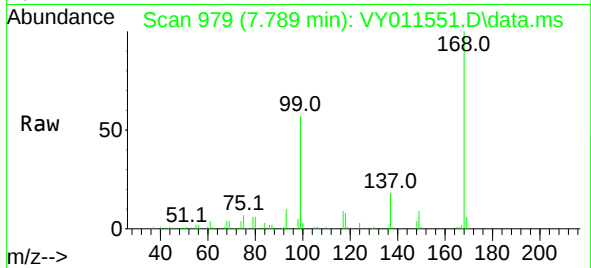




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

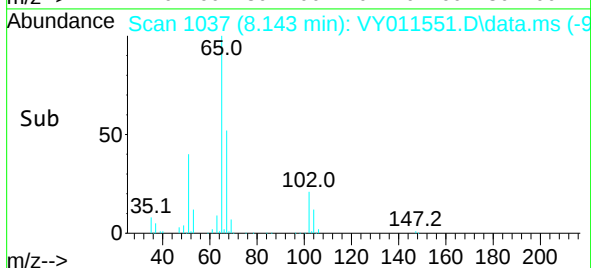
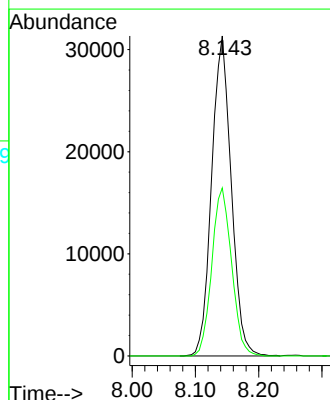
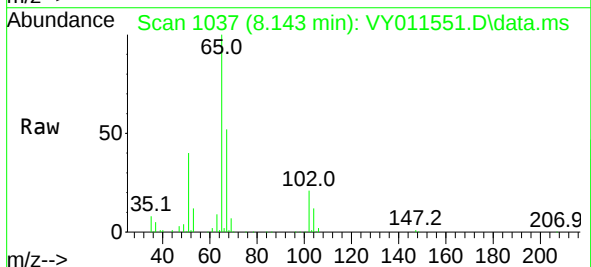
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-111822

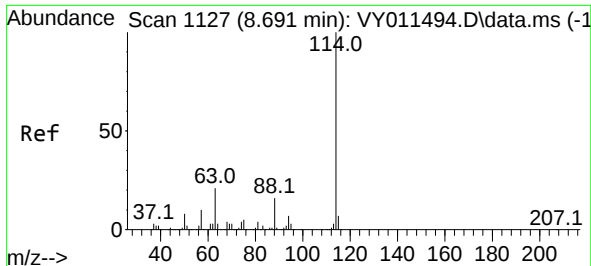
Tgt Ion:168 Resp: 98264
Ion Ratio Lower Upper
168 100
99 56.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.466 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

Tgt Ion: 65 Resp: 67315
Ion Ratio Lower Upper
65 100
67 52.9 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: VY011551.D

Acq: 22 Nov 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-111822

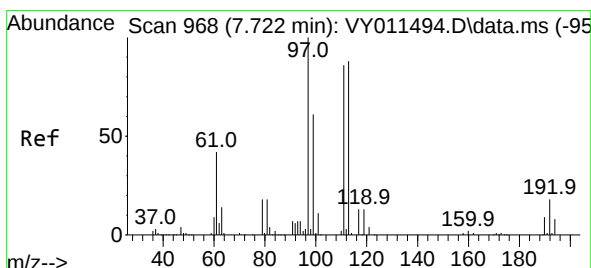
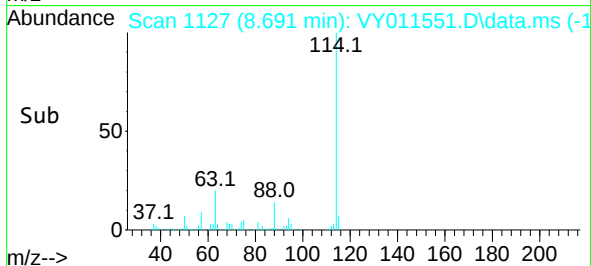
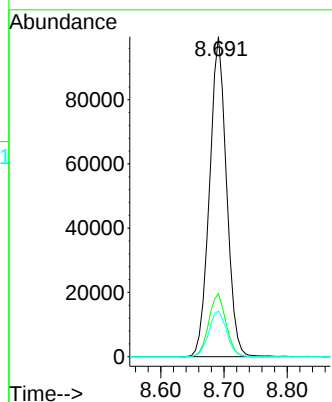
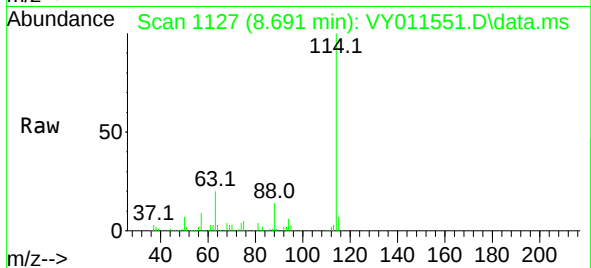
Tgt Ion:114 Resp: 185708

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.100 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011551.D

Acq: 22 Nov 2022 16:25

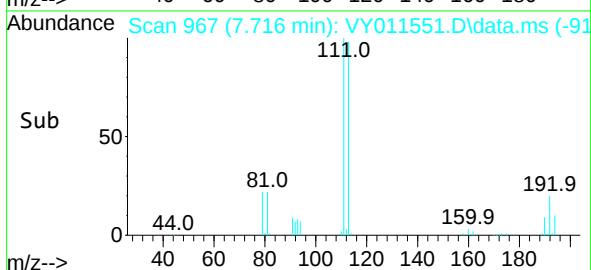
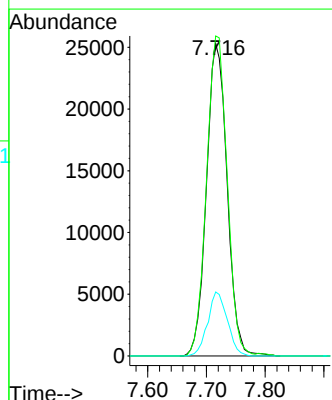
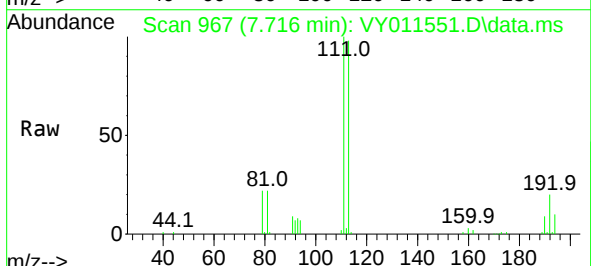
Tgt Ion:113 Resp: 61847

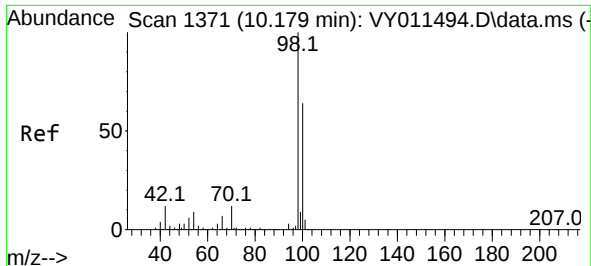
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 19.5 17.6 26.4

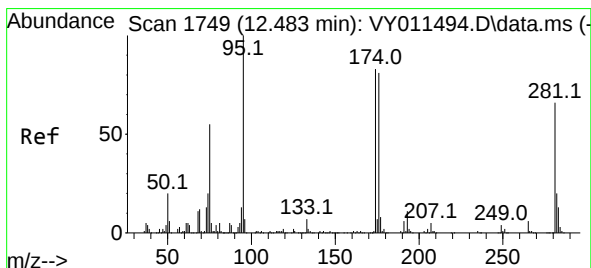
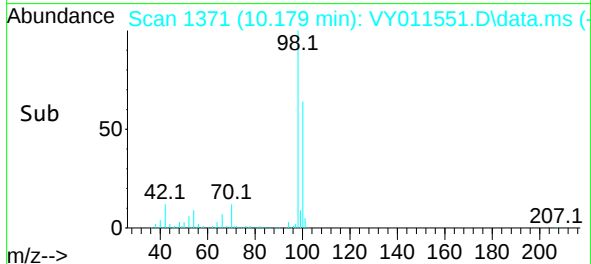
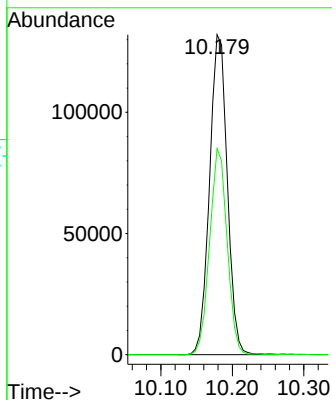
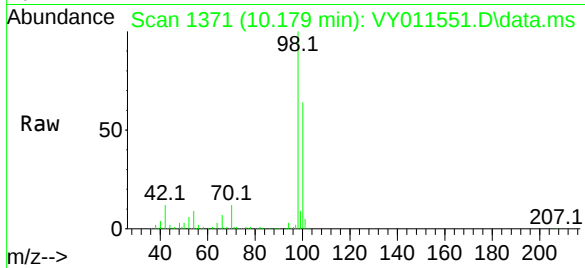




#50
Toluene-d8
Concen: 54.720 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

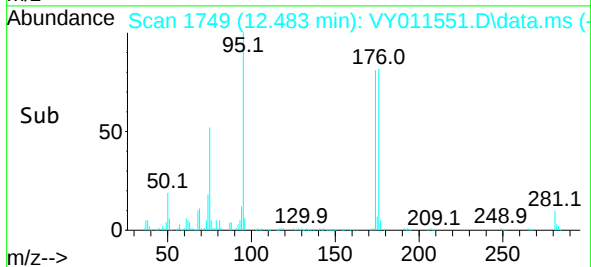
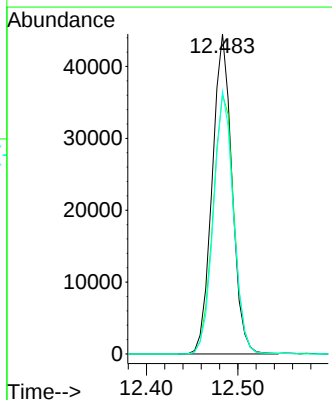
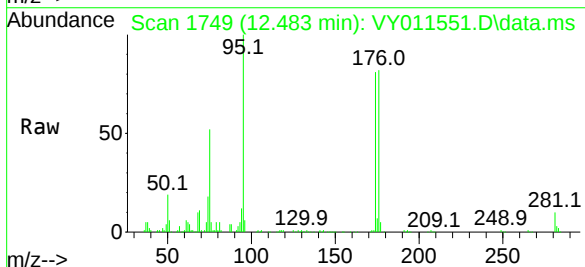
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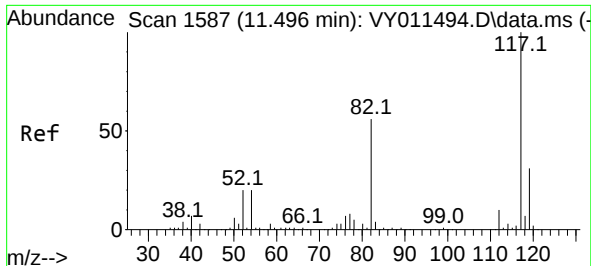
Tgt Ion: 98 Resp: 227325
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.557 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

Tgt Ion: 95 Resp: 66902
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 82.8 0.0 175.8

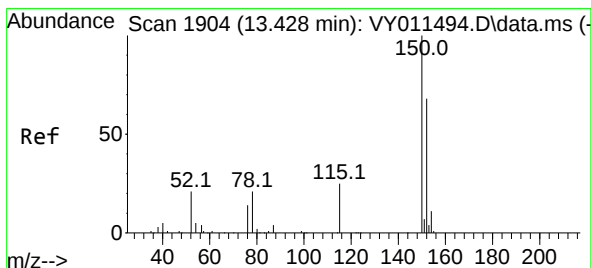
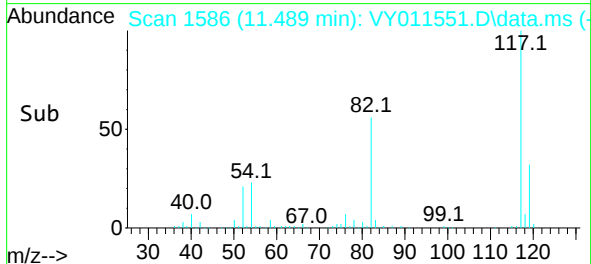
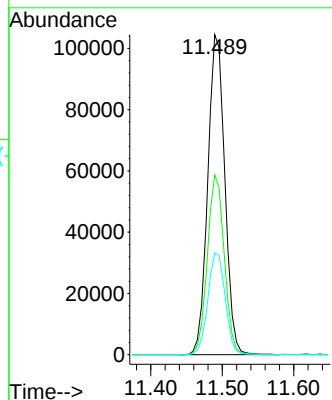
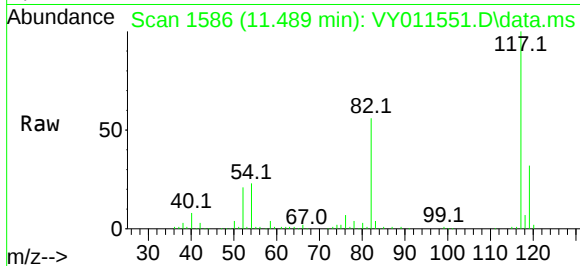




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011551.D
Acq: 22 Nov 2022 16:25

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-111822

Tgt Ion:117 Resp: 173081
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 31.8 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: VY011551.D
Acq: 22 Nov 2022 16:25

Tgt Ion:152 Resp: 70473
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 154.6 0.0 347.6

