

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011707.D
 Acq On : 05 Dec 2022 19:23
 Operator : KP/MD
 Sample : N5881-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-202

Quant Time: Dec 06 00:38:17 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	161231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	295932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	297355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135208	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108016	65.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.960%
35) Dibromofluoromethane	7.716	113	98761	54.213	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.420%
50) Toluene-d8	10.179	98	364980	55.133	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.260%
62) 4-Bromofluorobenzene	12.483	95	121053	49.457	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.920%

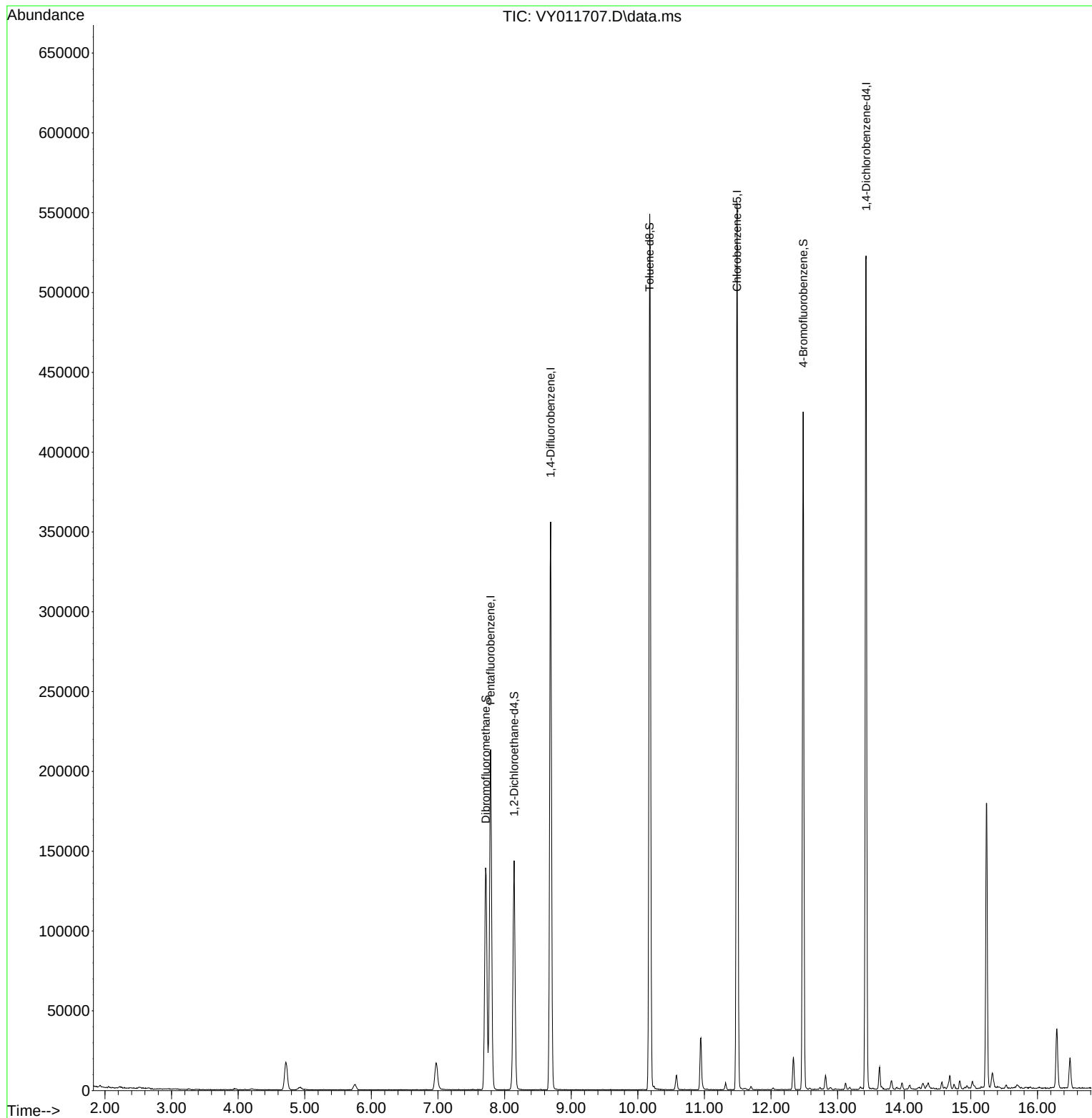
Target Compounds	Qvalue

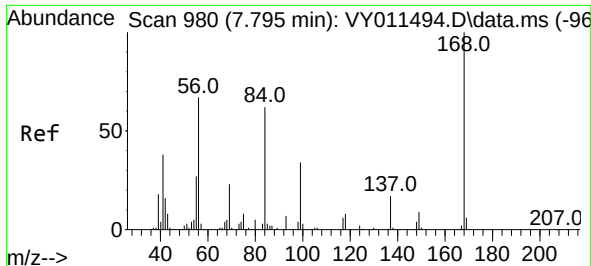
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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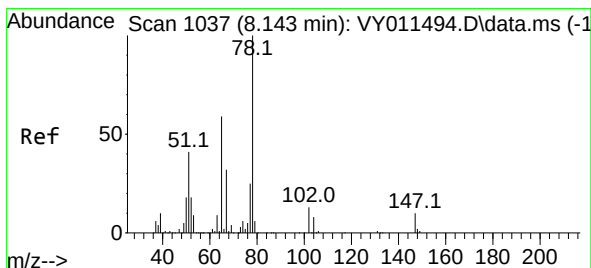
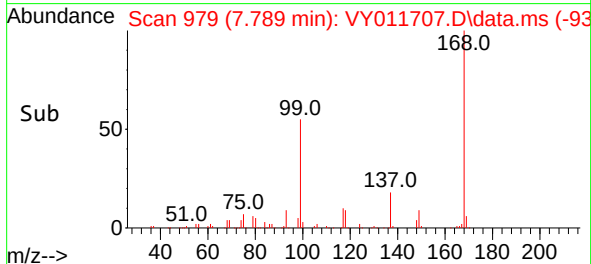
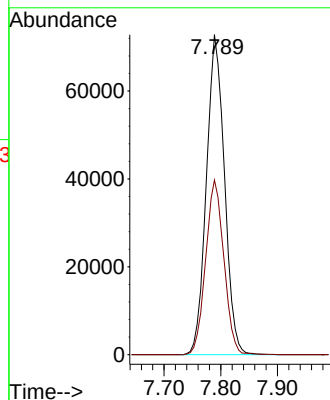
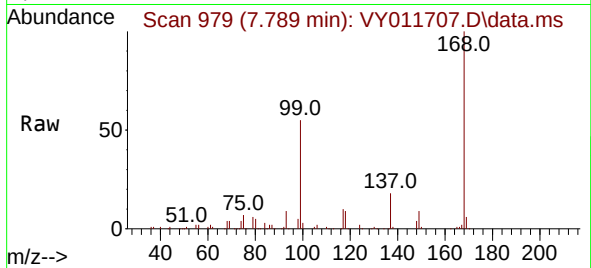




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011707.D
Acq: 05 Dec 2022 19:23

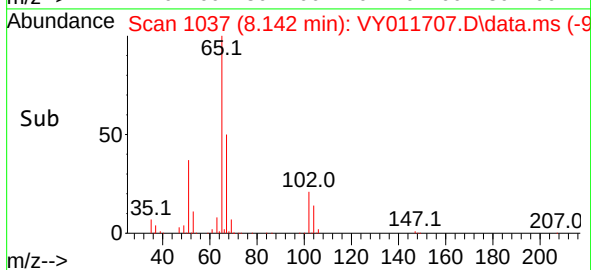
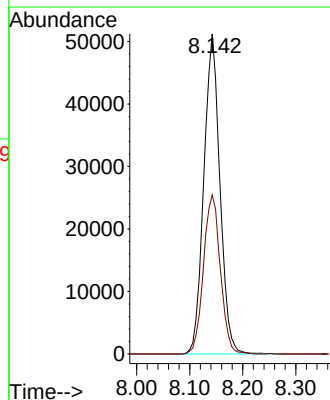
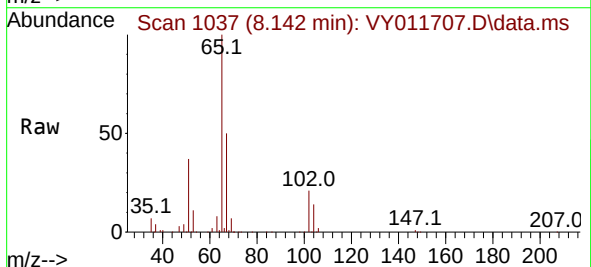
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

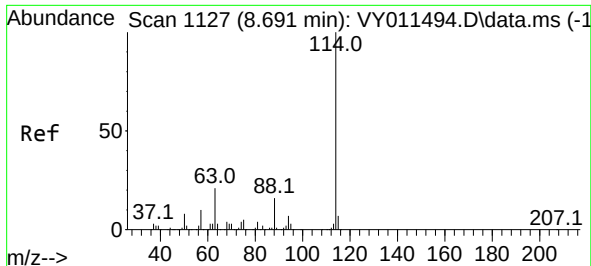
Tgt Ion:168 Resp: 161231
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.979 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011707.D
Acq: 05 Dec 2022 19:23

Tgt Ion: 65 Resp: 108016
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4

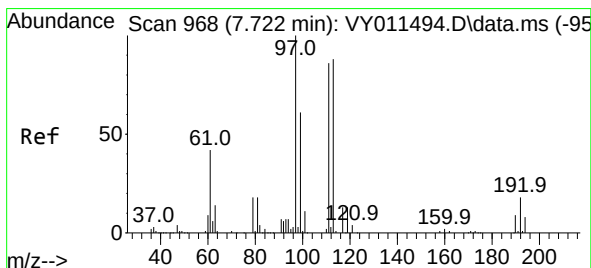
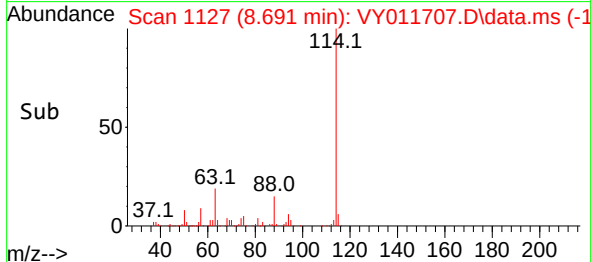
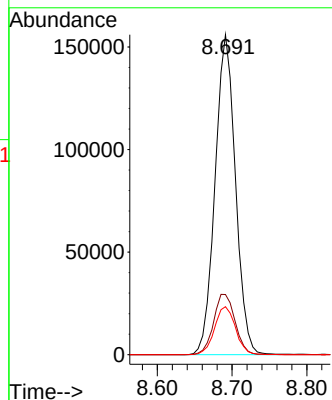
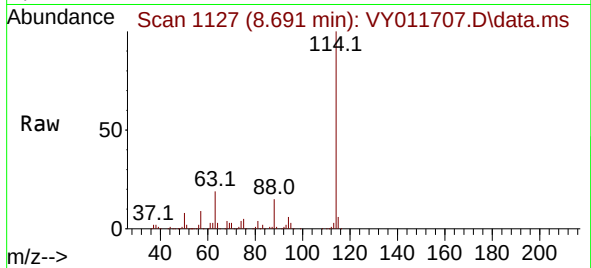




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011707.D
Acq: 05 Dec 2022 19:23

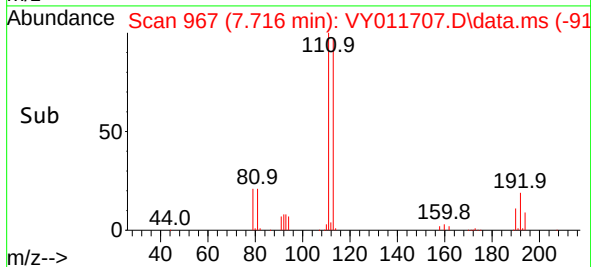
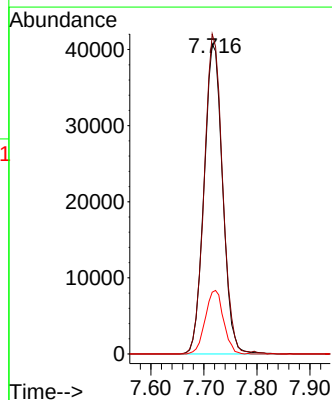
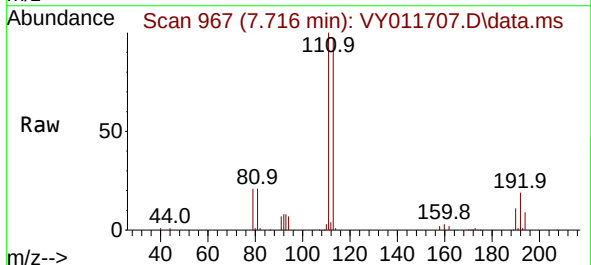
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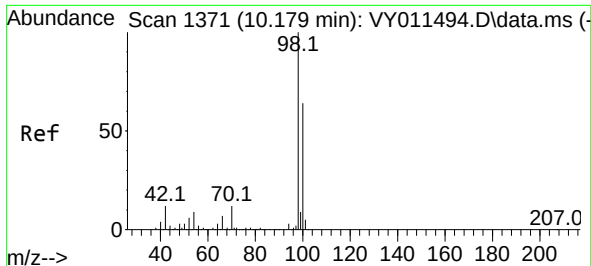
Tgt Ion:114 Resp: 295932
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.213 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011707.D
Acq: 05 Dec 2022 19:23

Tgt Ion:113 Resp: 98761
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 20.2 17.6 26.4

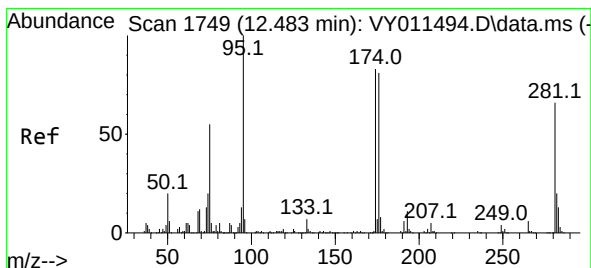
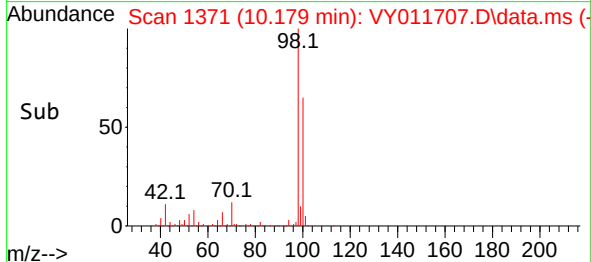
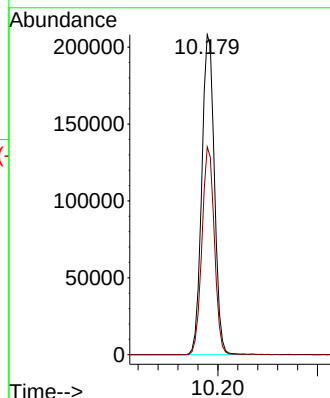
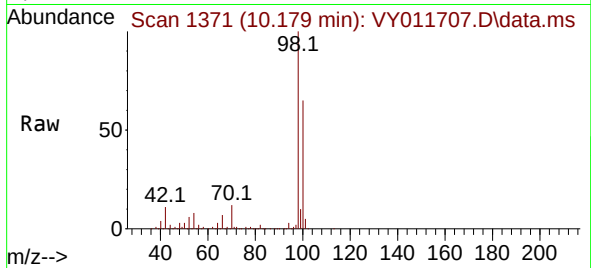




#50
Toluene-d8
Concen: 55.133 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011707.D
Acq: 05 Dec 2022 19:23

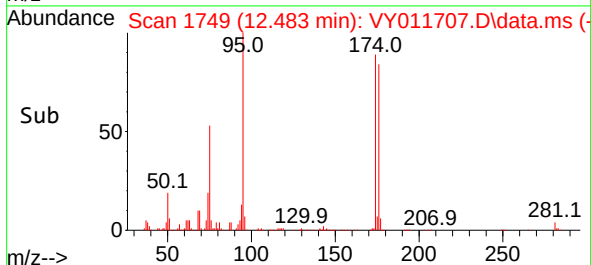
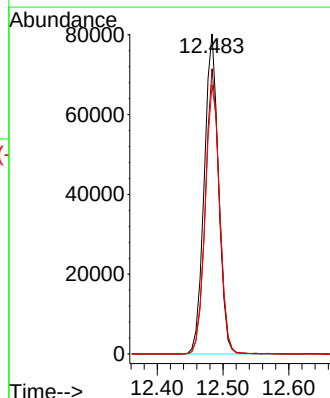
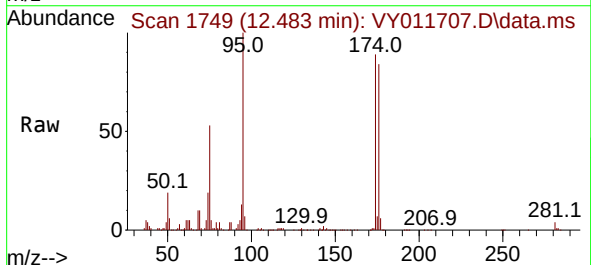
Instrument :
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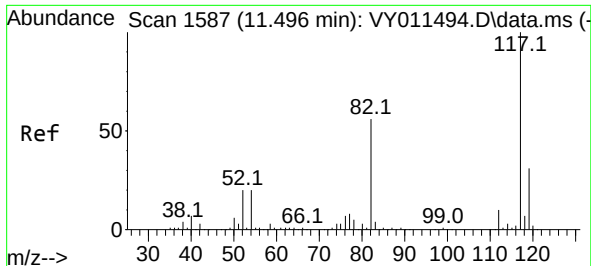
Tgt Ion: 98 Resp: 364980
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.457 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011707.D
Acq: 05 Dec 2022 19:23

Tgt Ion: 95 Resp: 121053
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 85.0 0.0 175.8

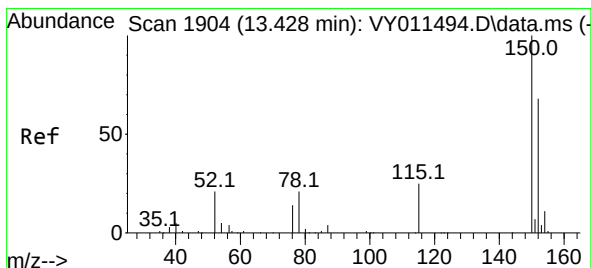
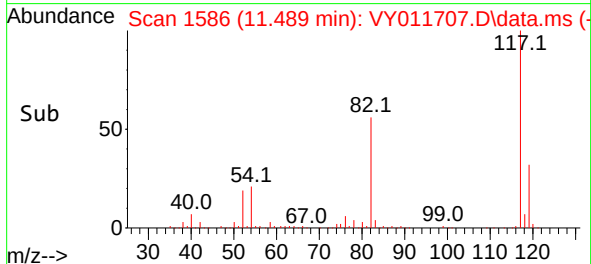
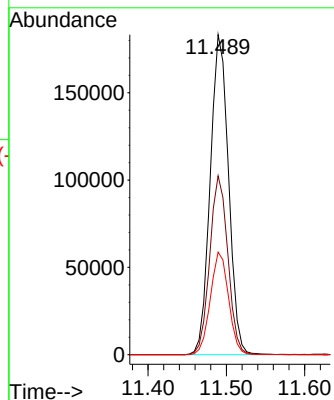
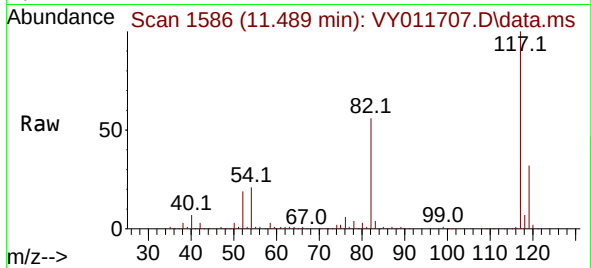




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011707.D
Acq: 05 Dec 2022 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

Tgt Ion:117 Resp: 297355
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 32.1 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: VY011707.D
Acq: 05 Dec 2022 19:23

Tgt Ion:152 Resp: 135208
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.9 0.0 347.6

