

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011715.D
 Acq On : 06 Dec 2022 13:53
 Operator : KP/MD
 Sample : N5884-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-120522RE

Quant Time: Dec 06 23:45:03 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	7.795	168	444	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	522	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	604	133.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	267.940%#
35) Dibromofluoromethane	7.728	113	234	46.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.620%
50) Toluene-d8	10.185	98	800	44.042	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.080%
62) 4-Bromofluorobenzene	12.496	95	72	10.721	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	21.440%#

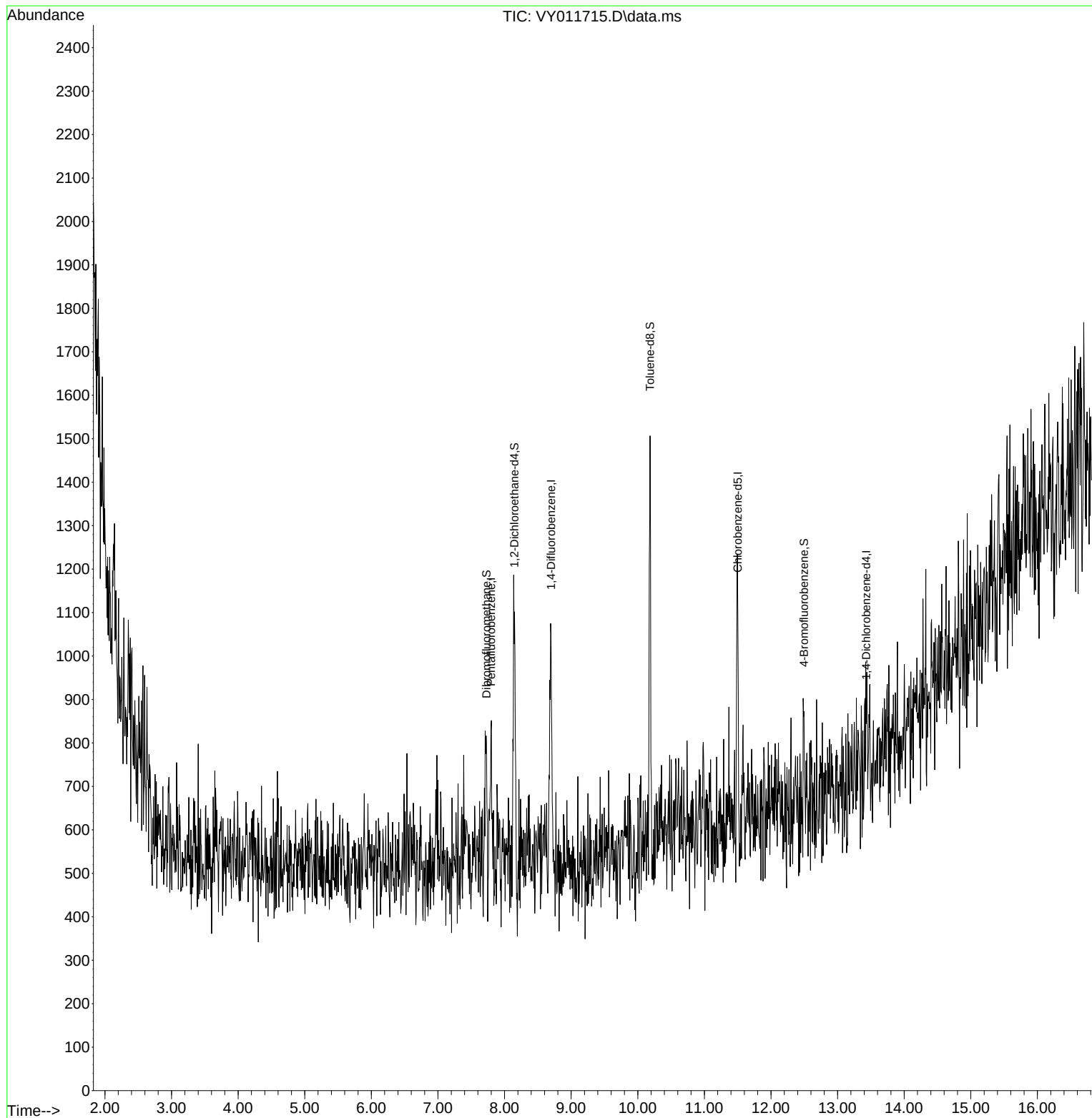
Target Compounds	Qvalue

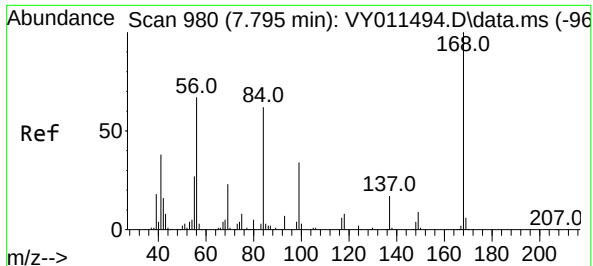
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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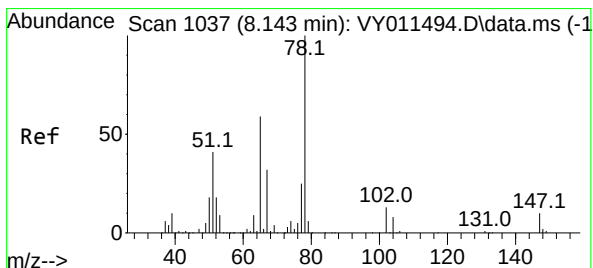
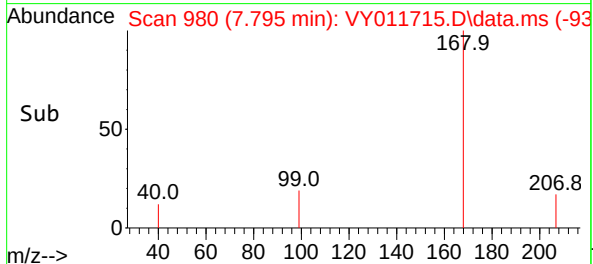
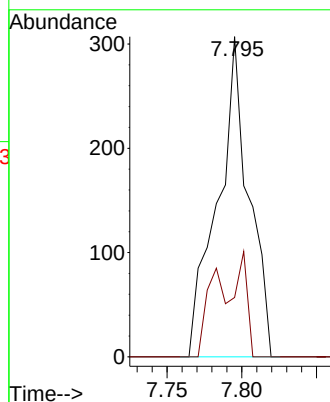
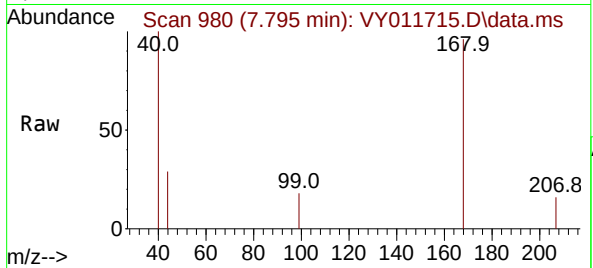




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011715.D
Acq: 06 Dec 2022 13:53

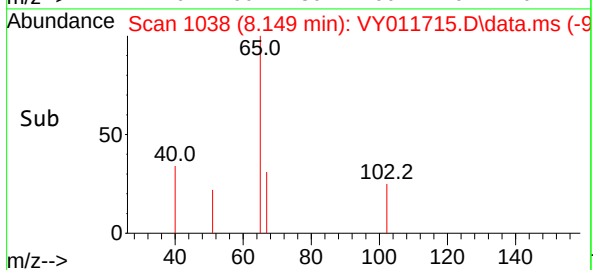
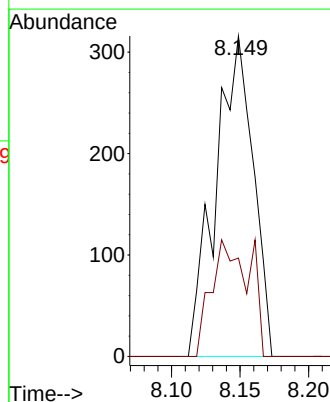
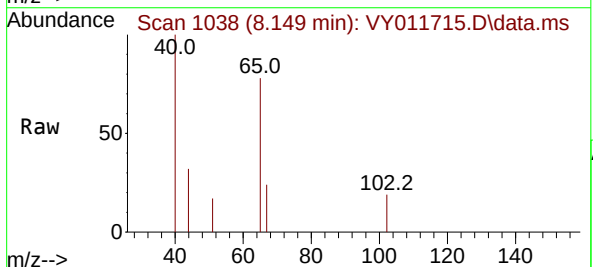
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-120522RE

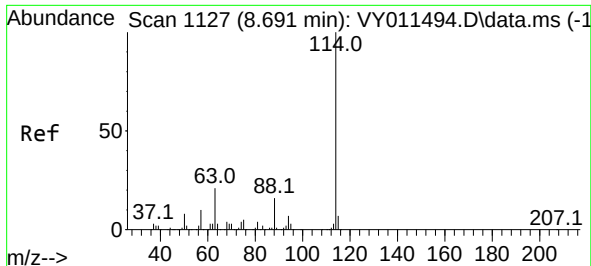
Tgt Ion:168 Resp: 444
Ion Ratio Lower Upper
168 100
99 18.6 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 133.973 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY011715.D
Acq: 06 Dec 2022 13:53

Tgt Ion: 65 Resp: 604
Ion Ratio Lower Upper
65 100
67 36.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011715.D

Acq: 06 Dec 2022 13:53

Instrument :

MSVOA_Y

ClientSampleId :

EO-3-120522RE

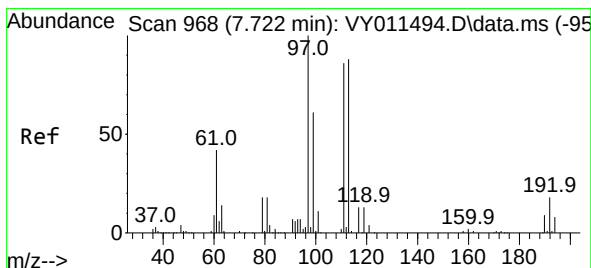
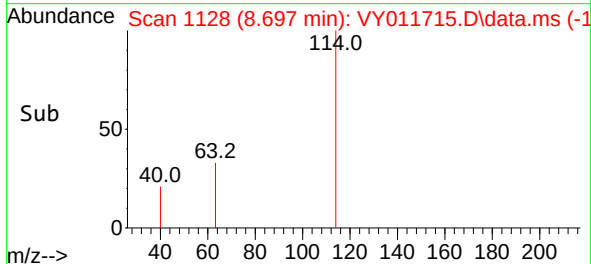
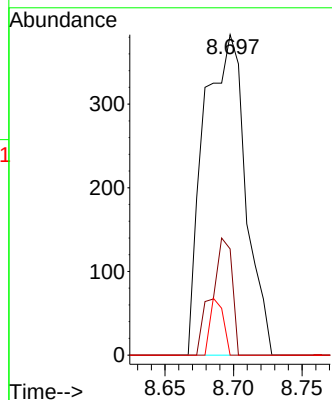
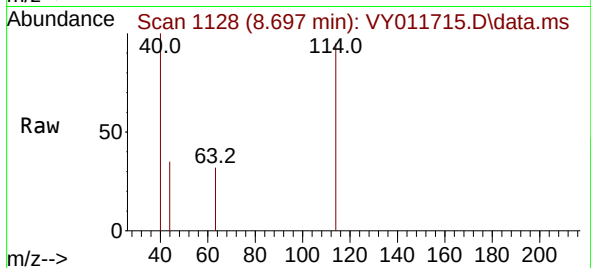
Tgt Ion:114 Resp: 812

Ion Ratio Lower Upper

114 100

63 33.2 0.0 43.2

88 0.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.813 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY011715.D

Acq: 06 Dec 2022 13:53

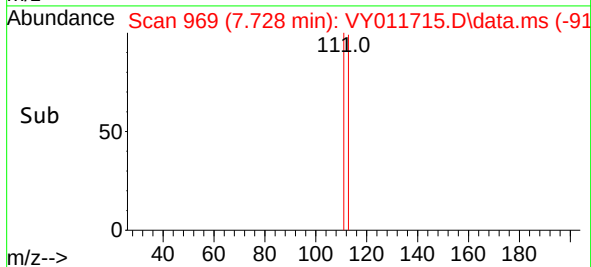
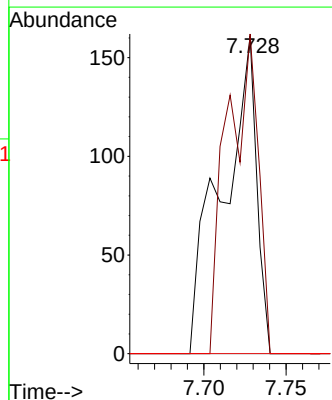
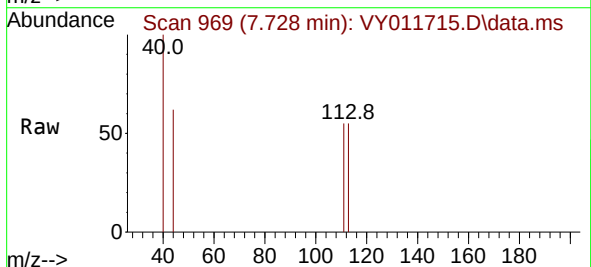
Tgt Ion:113 Resp: 234

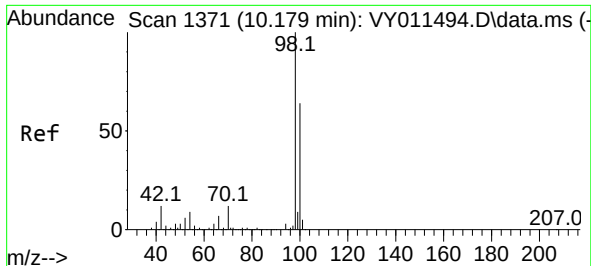
Ion Ratio Lower Upper

113 100

111 91.5 82.6 124.0

192 0.0 17.6 26.4#

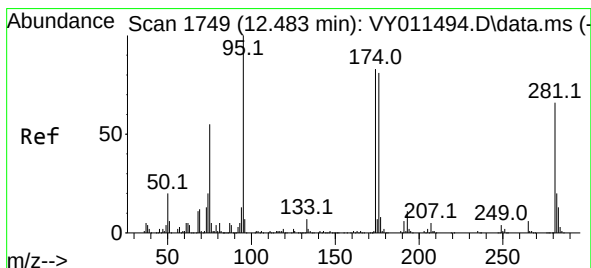
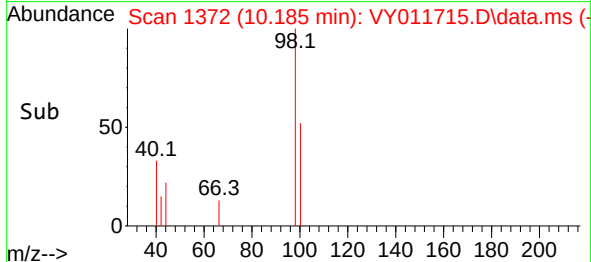
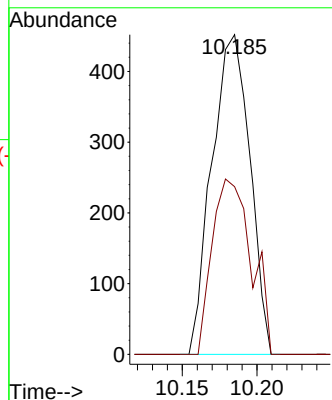
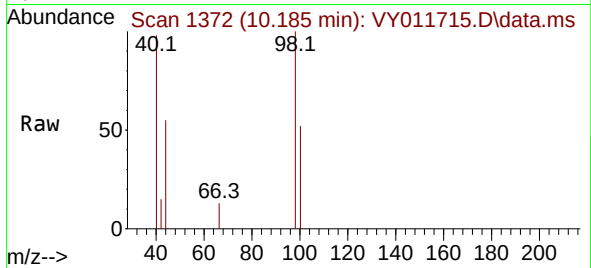




#50
Toluene-d8
Concen: 44.042 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011715.D
Acq: 06 Dec 2022 13:53

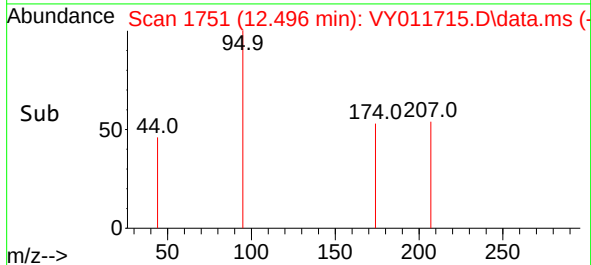
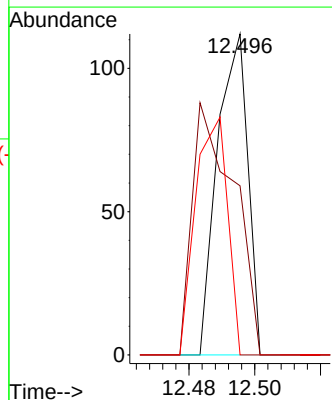
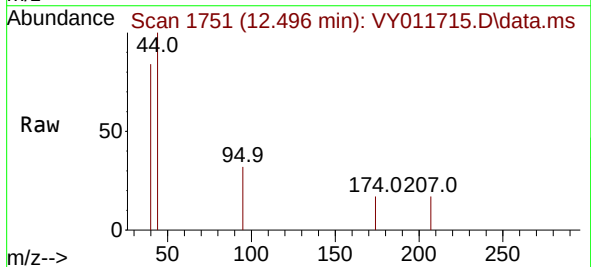
Instrument :
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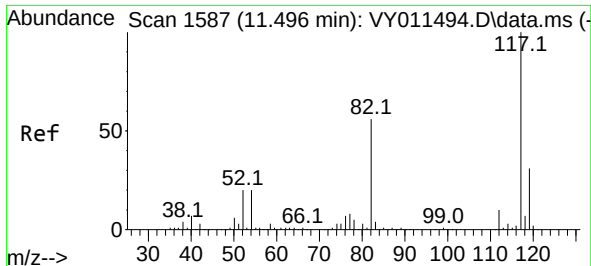
Tgt Ion: 98 Resp: 800
Ion Ratio Lower Upper
98 100
100 56.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 10.721 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.013 min
Lab File: VY011715.D
Acq: 06 Dec 2022 13:53

Tgt Ion: 95 Resp: 72
Ion Ratio Lower Upper
95 100
174 106.9 0.0 177.0
176 77.8 0.0 175.8

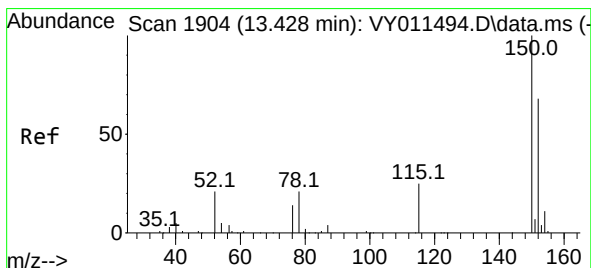
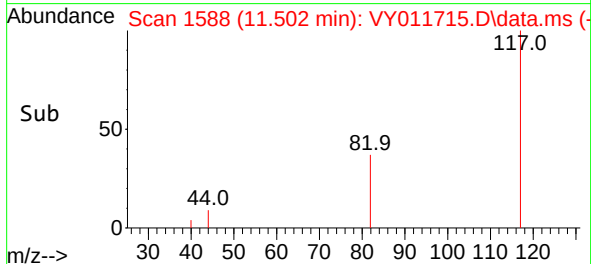
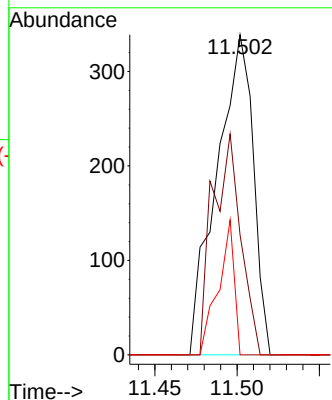
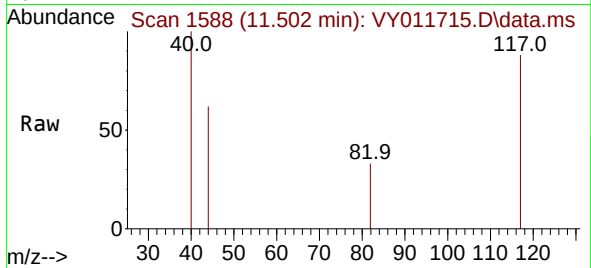




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011715.D
Acq: 06 Dec 2022 13:53

Instrument :
MSVOA_Y
ClientSampleId :
EO-3-120522RE

Tgt Ion:117 Resp: 522
Ion Ratio Lower Upper
117 100
82 37.5 43.0 64.4#
119 0.0 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: VY011715.D
Acq: 06 Dec 2022 13:53

Tgt Ion:152 Resp: 114
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 147.4 0.0 347.6

