

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011577.D
 Acq On : 23 Nov 2022 15:57
 Operator : KP/MD
 Sample : N5766-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CR-5

Quant Time: Nov 24 00:38:32 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	24227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	41159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	39134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14440	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	17987	73.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.240%
35) Dibromofluoromethane	7.716	113	16134	63.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.360%
50) Toluene-d8	10.179	98	50334	54.668	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.340%
62) 4-Bromofluorobenzene	12.483	95	13965	41.023	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.040%

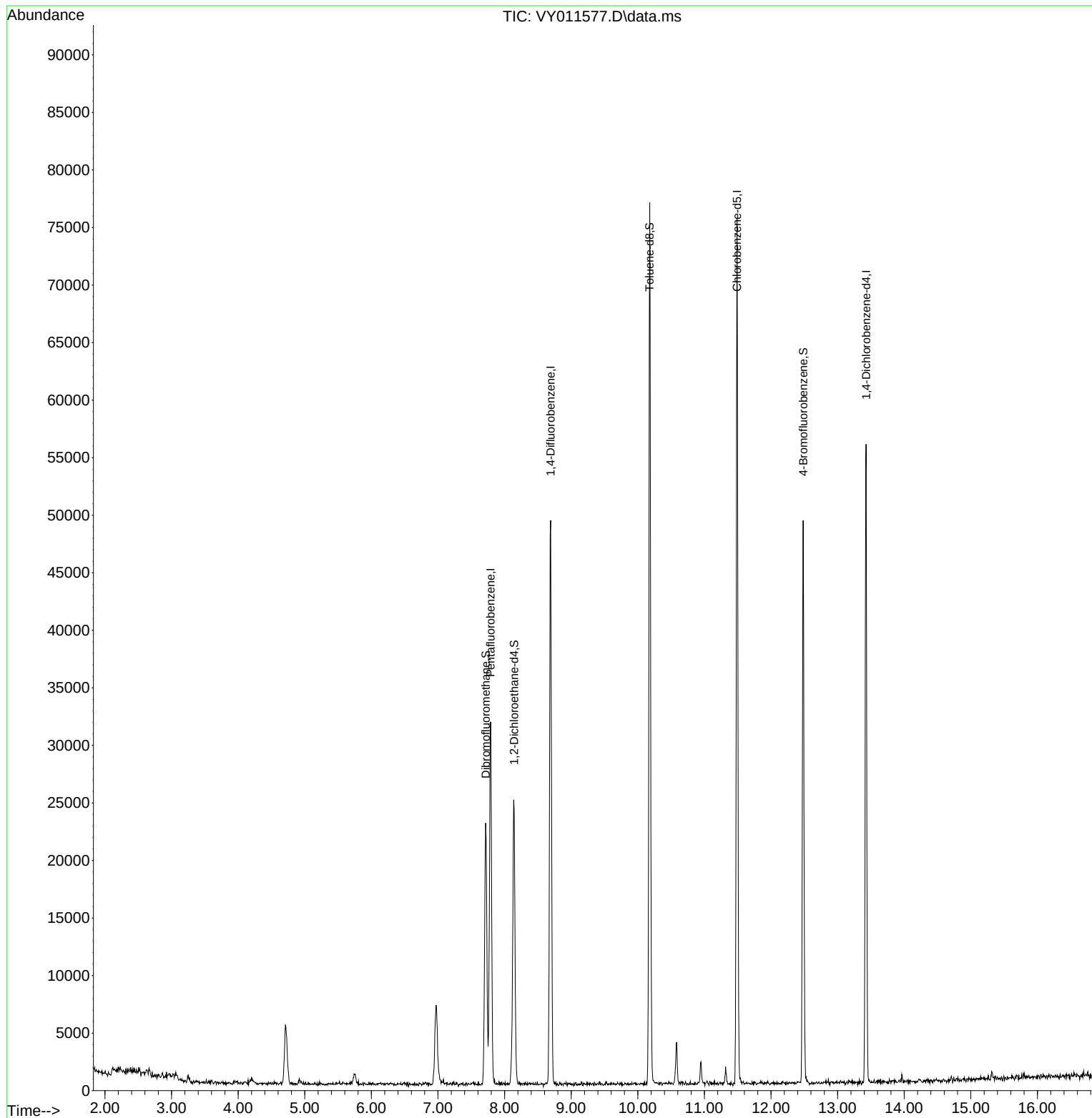
Target Compounds	Qvalue

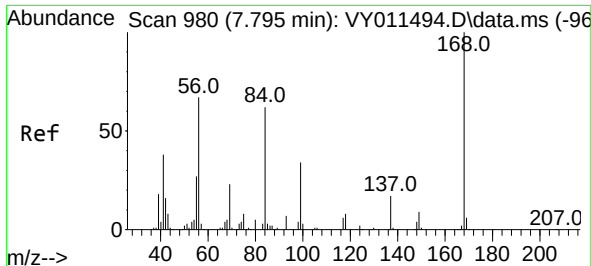
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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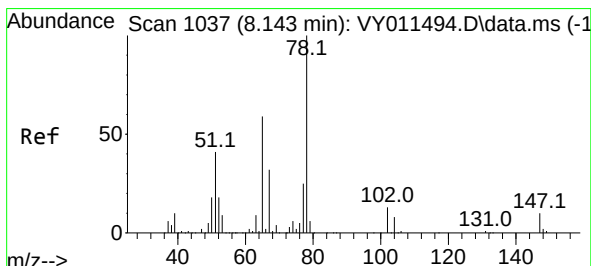
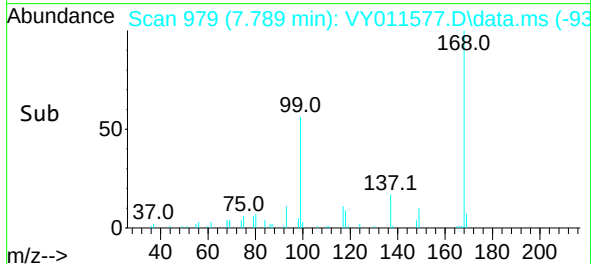
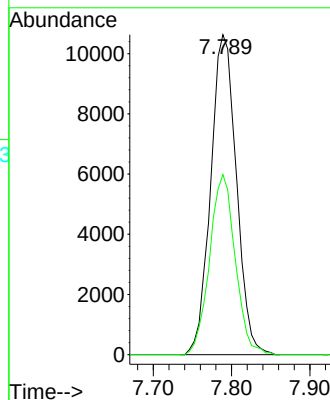
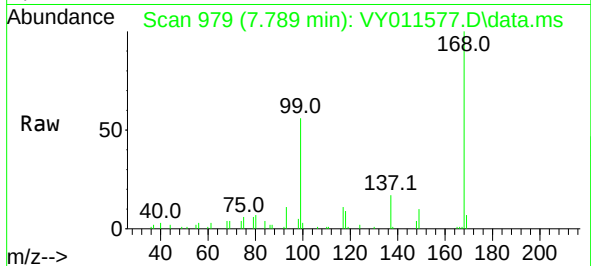




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011577.D
Acq: 23 Nov 2022 15:57

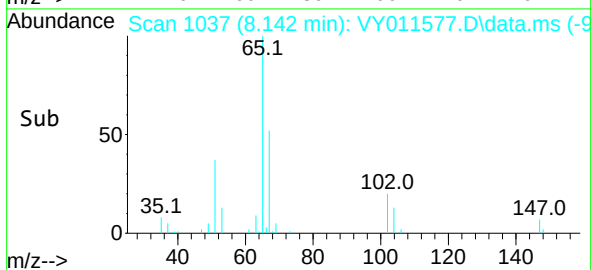
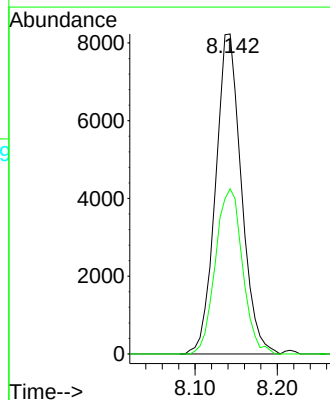
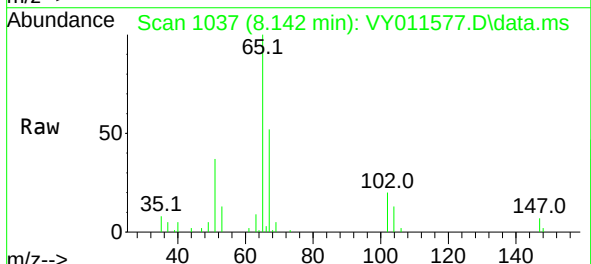
Instrument :
MSVOA_Y
ClientSampleId :
CR-5

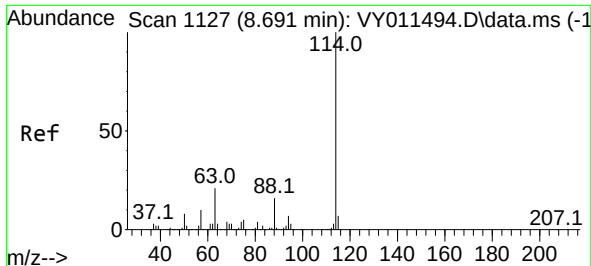
Tgt Ion:168 Resp: 24227
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 73.118 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011577.D
Acq: 23 Nov 2022 15:57

Tgt Ion: 65 Resp: 17987
Ion Ratio Lower Upper
65 100
67 54.0 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: VY011577.D

Acq: 23 Nov 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

CR-5

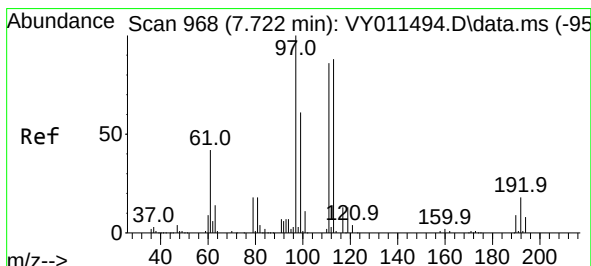
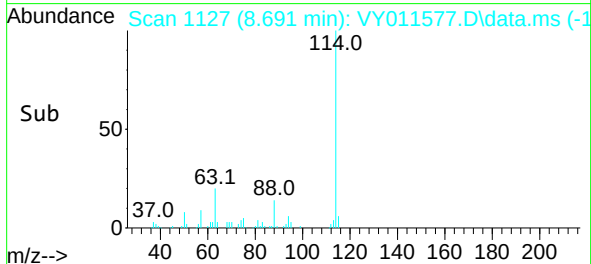
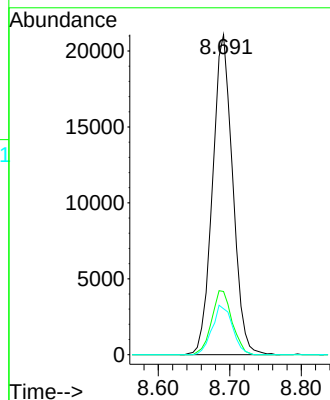
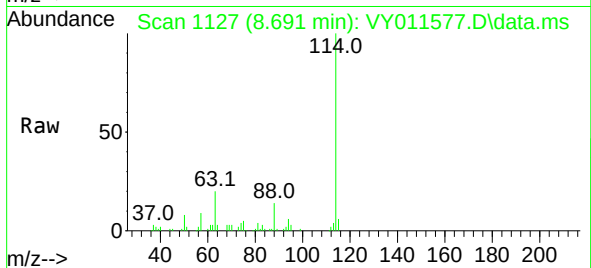
Tgt Ion:114 Resp: 41159

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 63.677 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011577.D

Acq: 23 Nov 2022 15:57

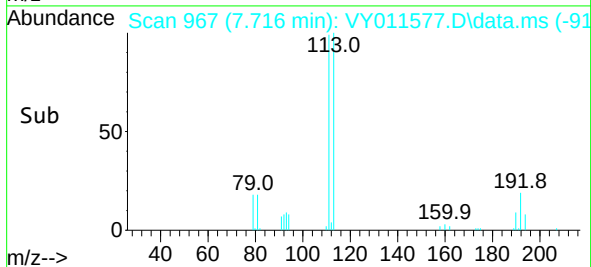
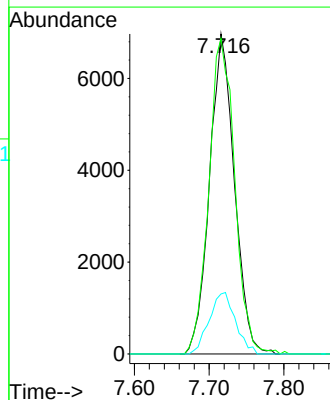
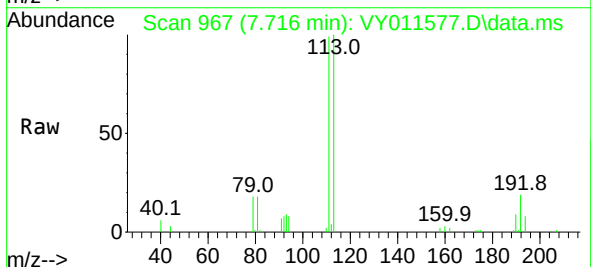
Tgt Ion:113 Resp: 16134

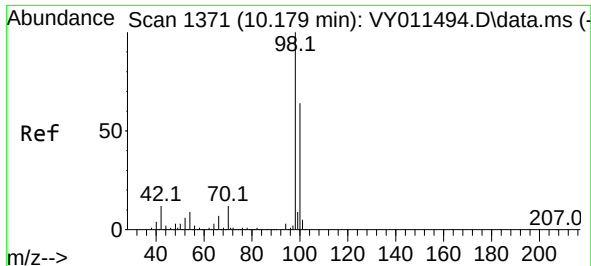
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.2 17.6 26.4

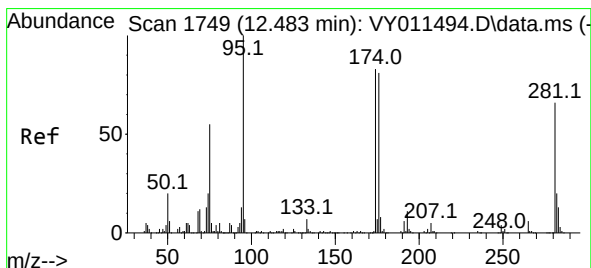
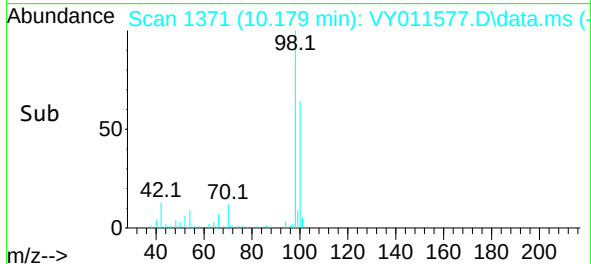
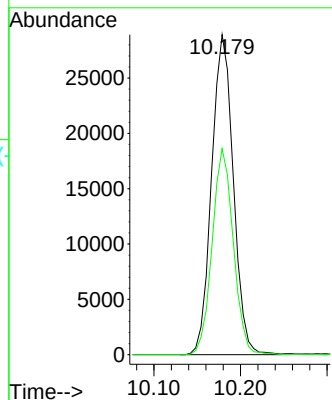
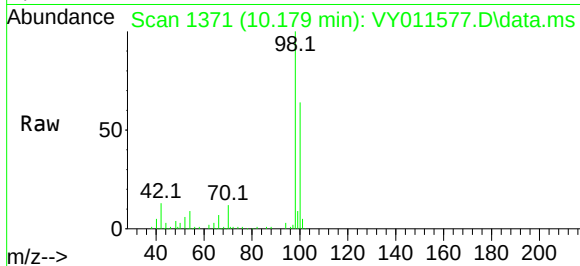




#50
Toluene-d8
Concen: 54.668 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011577.D
Acq: 23 Nov 2022 15:57

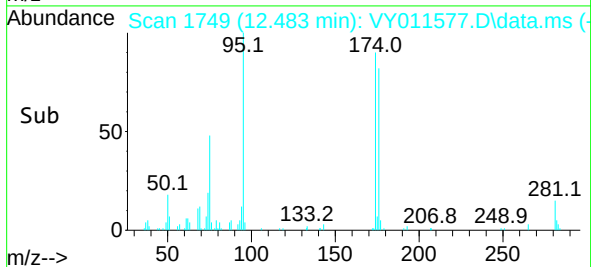
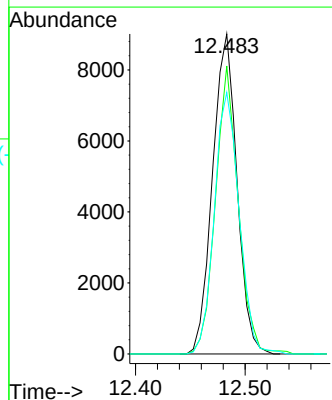
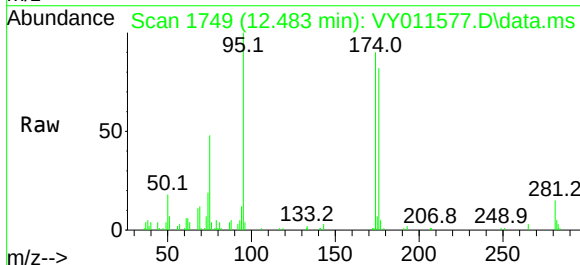
Instrument :
MSVOA_Y
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CR-5

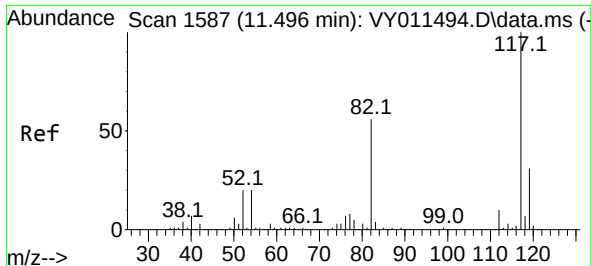
Tgt Ion: 98 Resp: 50334
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.023 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011577.D
Acq: 23 Nov 2022 15:57

Tgt Ion: 95 Resp: 13965
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 83.1 0.0 175.8

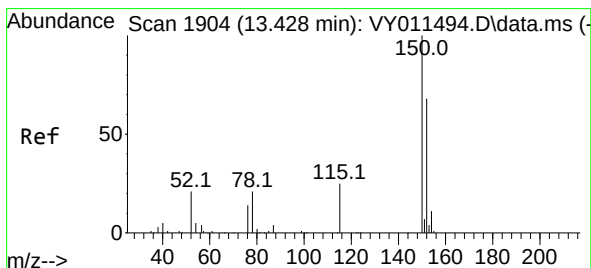
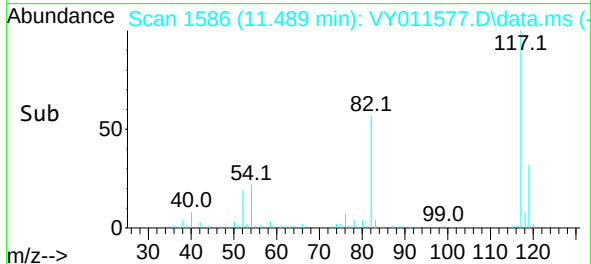
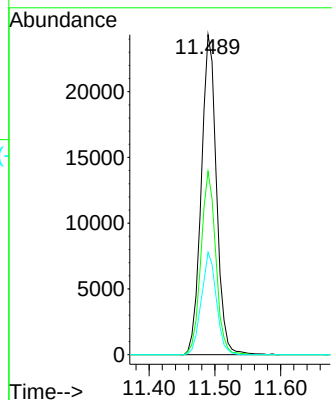
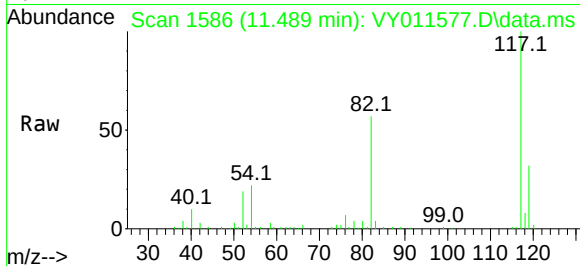




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011577.D
Acq: 23 Nov 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
CR-5

Tgt Ion:117 Resp: 39134
Ion Ratio Lower Upper
117 100
82 57.2 43.0 64.4
119 32.0 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: VY011577.D
Acq: 23 Nov 2022 15:57

Tgt Ion:152 Resp: 14440
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 160.1 0.0 347.6

