

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009861.D
 Acq On : 05 Aug 2022 19:21
 Operator : KP/MD
 Sample : N4060-02
 Misc : 4.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JERSEY-CITY-SP

Quant Time: Aug 06 01:21:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	40327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	77608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	83655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30361	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	21750	67.765	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.540%
35) Dibromofluoromethane	7.710	113	19312	40.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.620%
50) Toluene-d8	10.179	98	66904	47.866	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.477	95	21868	34.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	68.260%

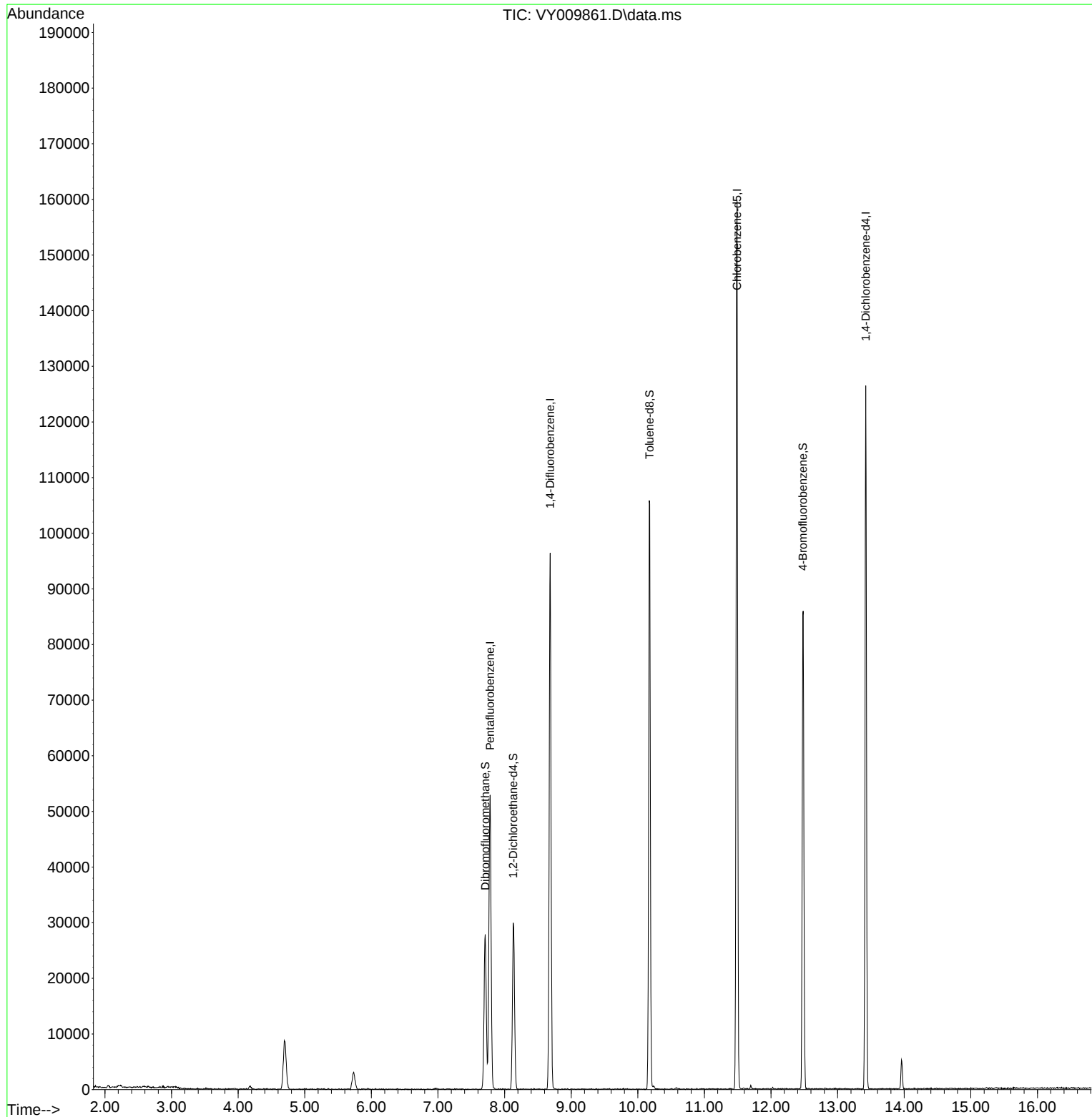
Target Compounds	Qvalue

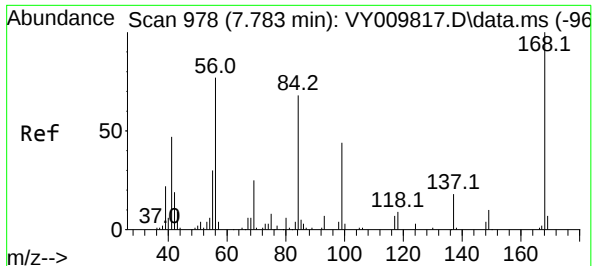
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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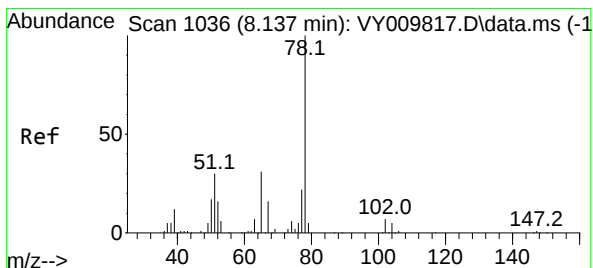
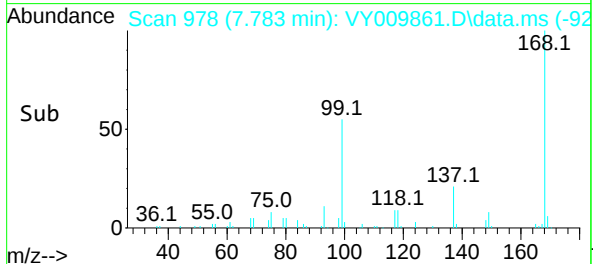
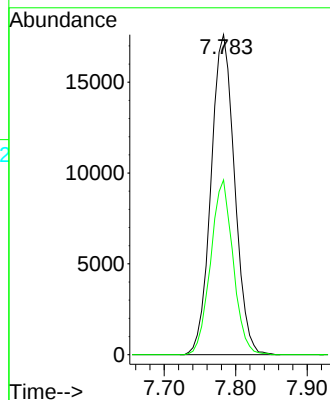
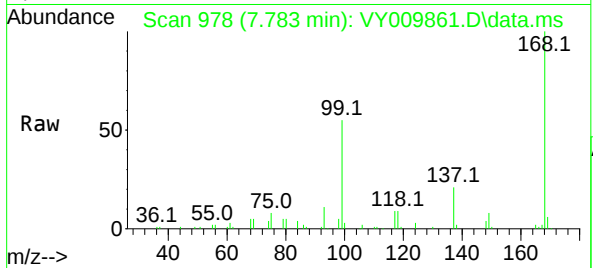




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

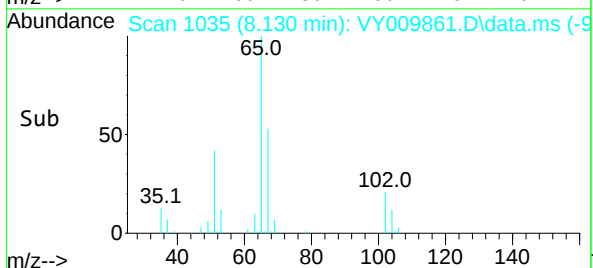
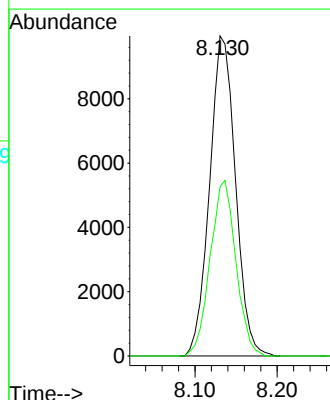
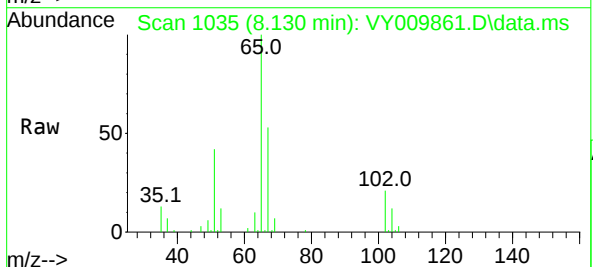
Instrument :
MSVOA_Y
ClientSampleId :
JERSEY-CITY-SP

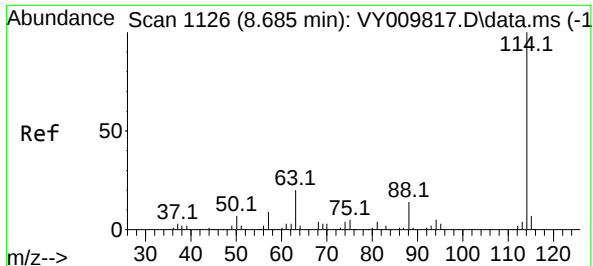
Tgt Ion:168 Resp: 40327
Ion Ratio Lower Upper
168 100
99 54.6 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 67.765 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

Tgt Ion: 65 Resp: 21750
Ion Ratio Lower Upper
65 100
67 54.5 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009861.D

Acq: 05 Aug 2022 19:21

Instrument :

MSVOA_Y

ClientSampleId :

JERSEY-CITY-SP

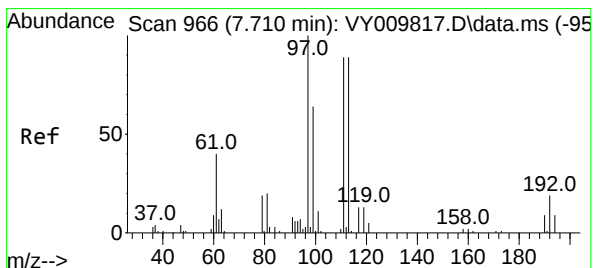
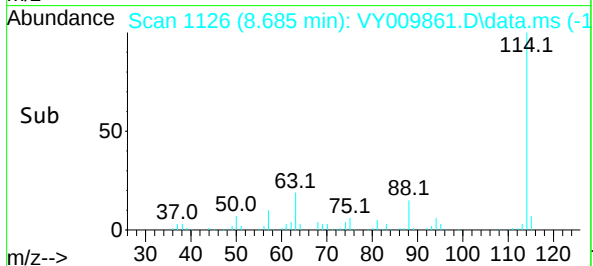
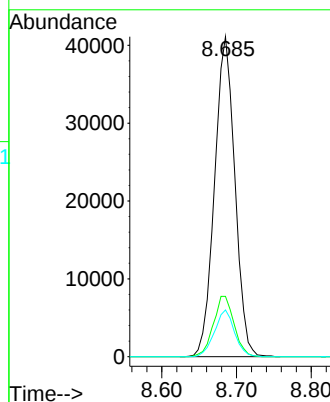
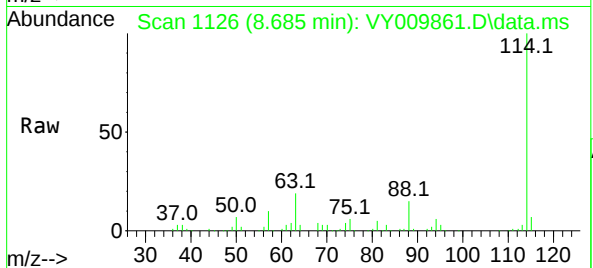
Tgt Ion:114 Resp: 77608

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

88 14.6 0.0 27.6



#35

Dibromofluoromethane

Concen: 40.813 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009861.D

Acq: 05 Aug 2022 19:21

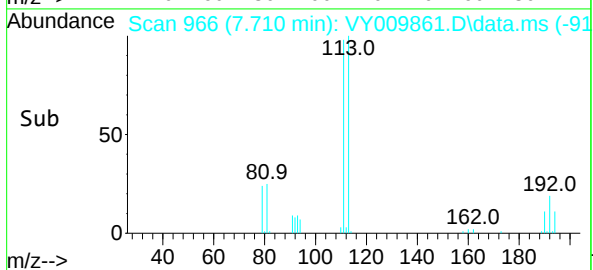
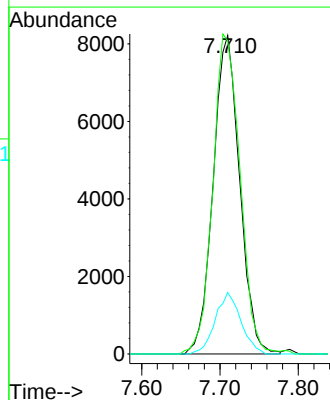
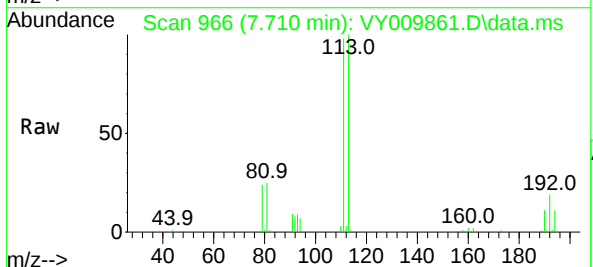
Tgt Ion:113 Resp: 19312

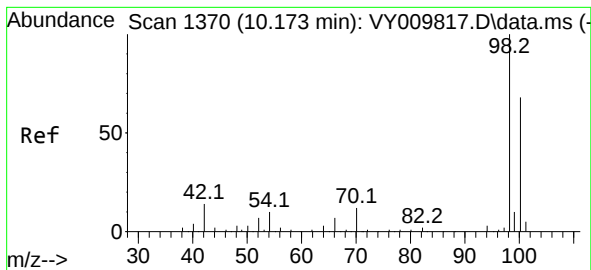
Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 18.7 16.5 24.7





#50

Toluene-d8

Concen: 47.866 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY009861.D

Acq: 05 Aug 2022 19:21

Instrument :

MSVOA_Y

ClientSampleId :

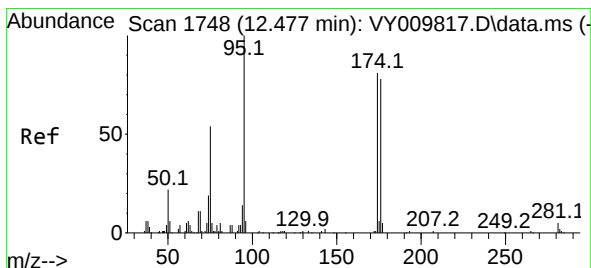
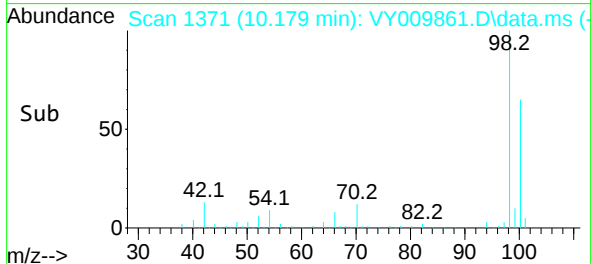
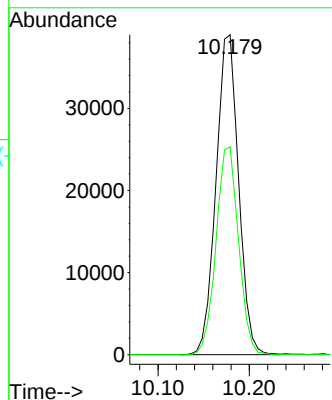
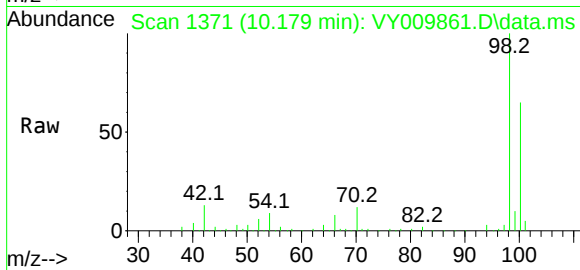
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Tgt Ion: 98 Resp: 66904

Ion Ratio Lower Upper

98 100

100 64.6 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 34.129 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY009861.D

Acq: 05 Aug 2022 19:21

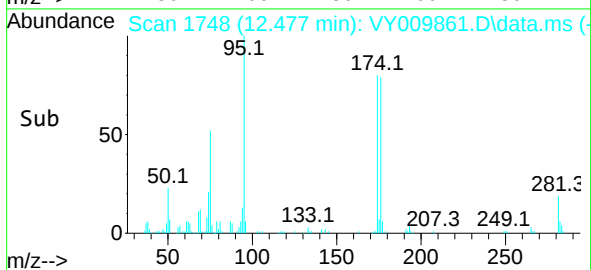
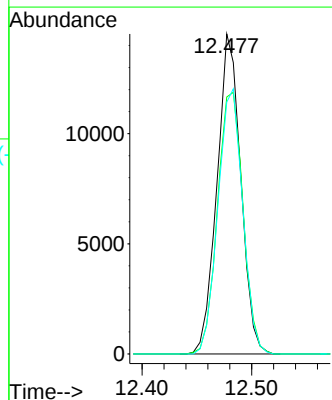
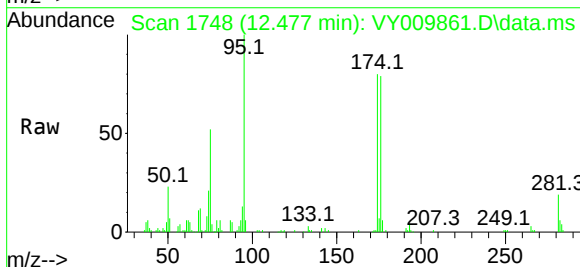
Tgt Ion: 95 Resp: 21868

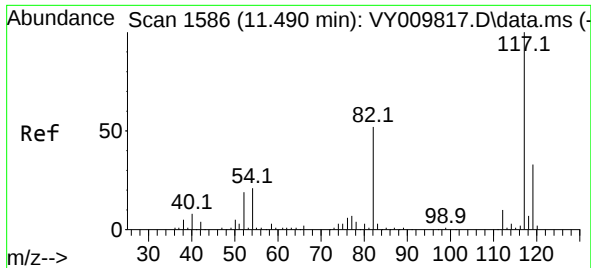
Ion Ratio Lower Upper

95 100

174 87.7 0.0 168.6

176 86.2 0.0 163.6

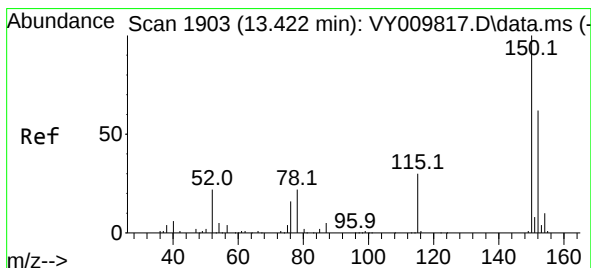
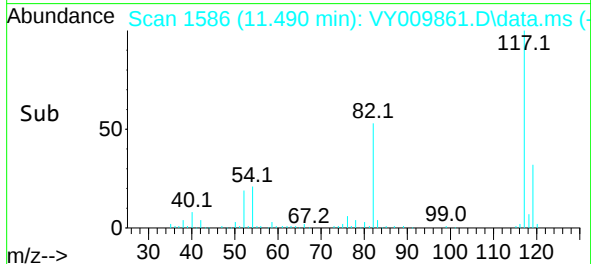
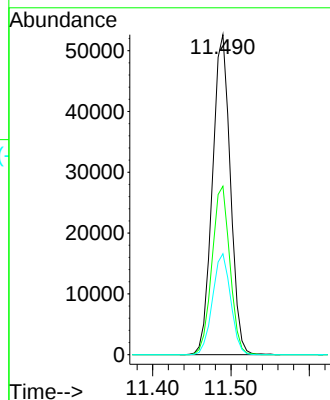
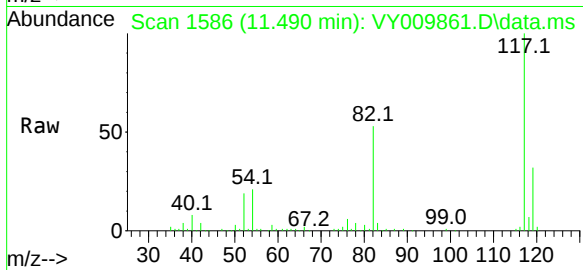




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

Instrument :
MSVOA_Y
ClientSampleId :
JERSEY-CITY-SP

Tgt Ion:117 Resp: 83655
Ion Ratio Lower Upper
117 100
82 52.7 41.7 62.5
119 31.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

Tgt Ion:152 Resp: 30361
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.7
150 160.7 0.0 354.2

