

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010609.D
 Acq On : 21 Sep 2022 19:15
 Operator : KP/MD
 Sample : N4694-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Sep 22 06:11:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	180392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	343958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159568	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97560	56.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.080%
35) Dibromofluoromethane	7.709	113	86473	39.913	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.820%
50) Toluene-d8	10.172	98	328637	41.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.200%
62) 4-Bromofluorobenzene	12.477	95	108377	35.698	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.400%

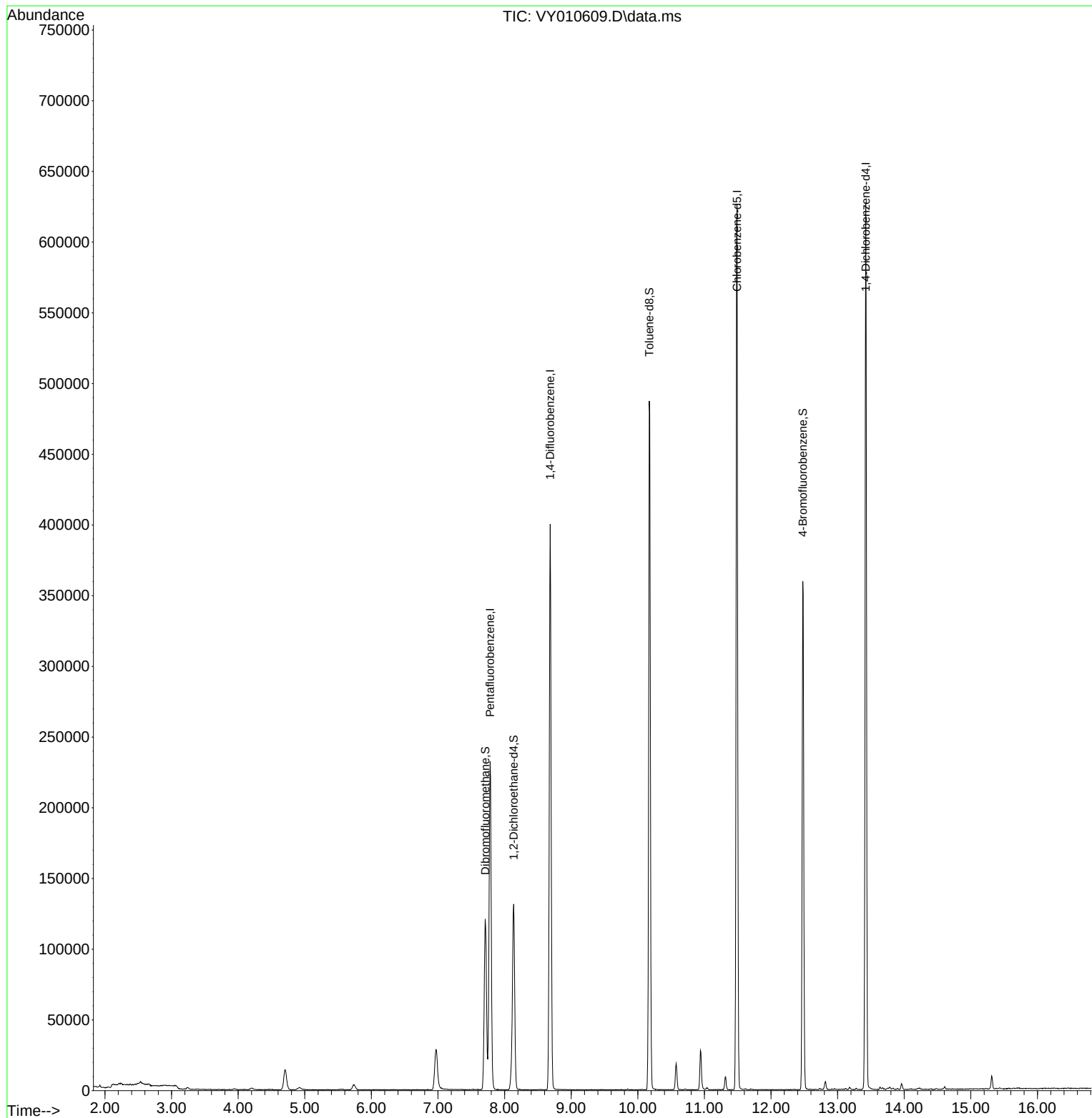
Target Compounds	Qvalue

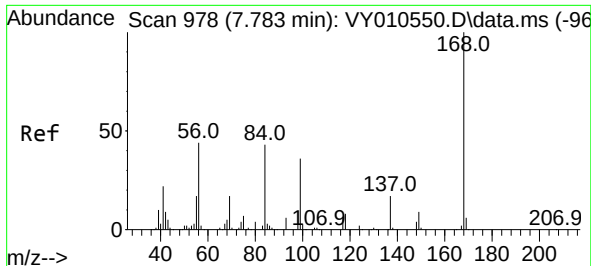
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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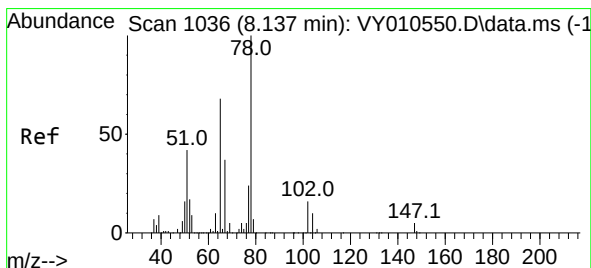
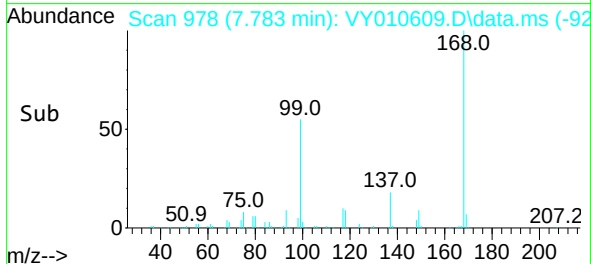
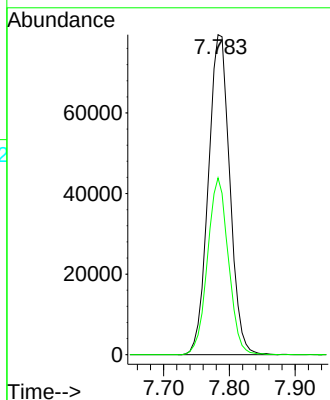
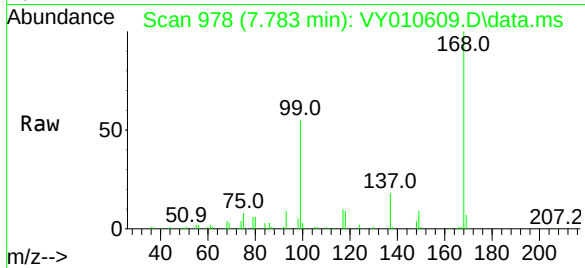




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010609.D
Acq: 21 Sep 2022 19:15

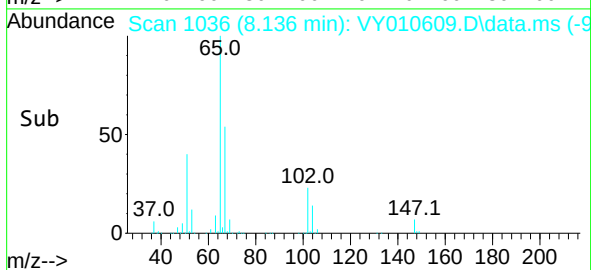
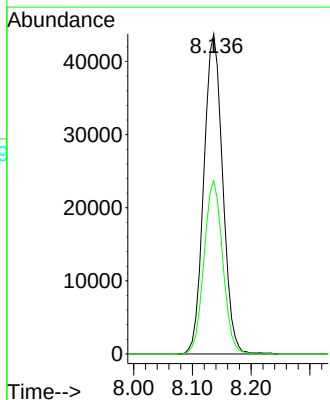
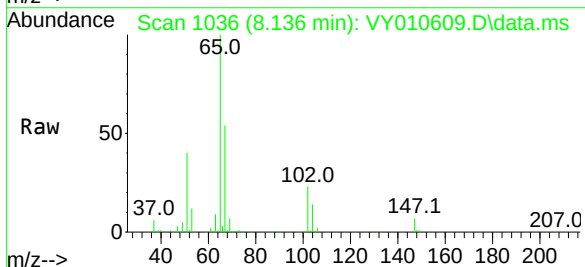
Instrument :
MSVOA_Y
ClientSampleId :
VOC

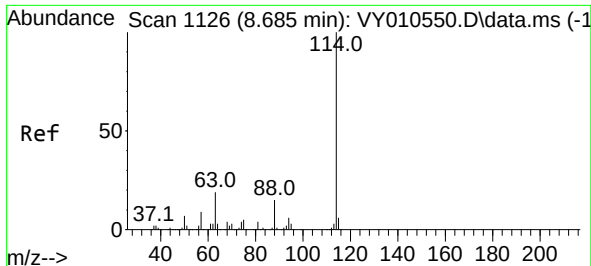
Tgt Ion:168 Resp: 180392
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.543 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010609.D
Acq: 21 Sep 2022 19:15

Tgt Ion: 65 Resp: 97560
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010609.D

Acq: 21 Sep 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

VOC

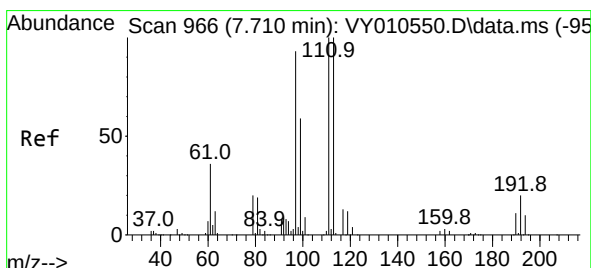
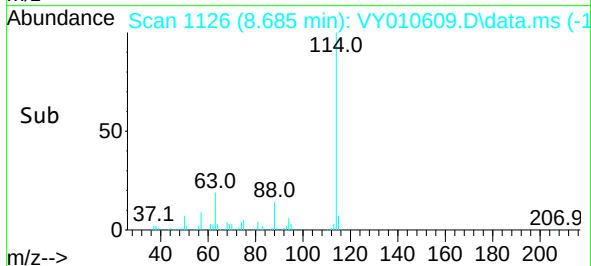
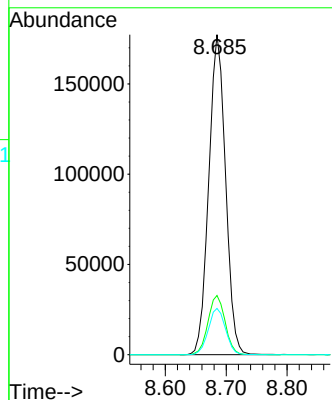
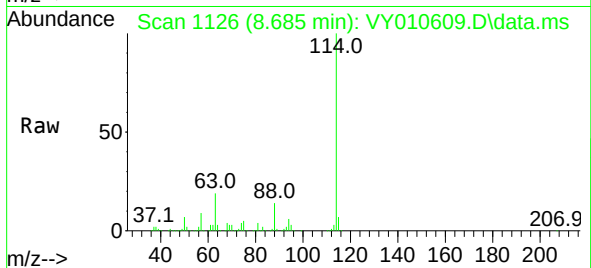
Tgt Ion:114 Resp: 339477

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.913 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010609.D

Acq: 21 Sep 2022 19:15

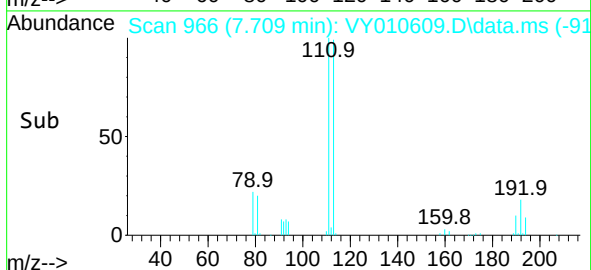
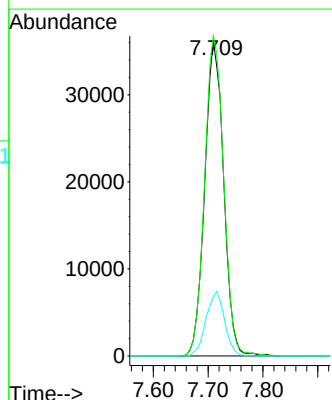
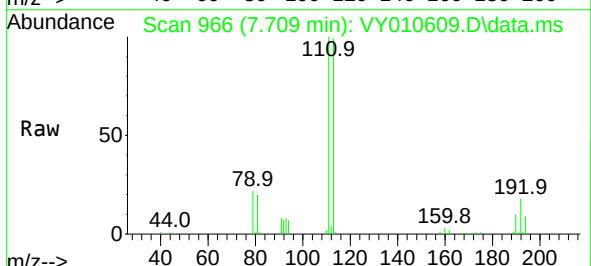
Tgt Ion:113 Resp: 86473

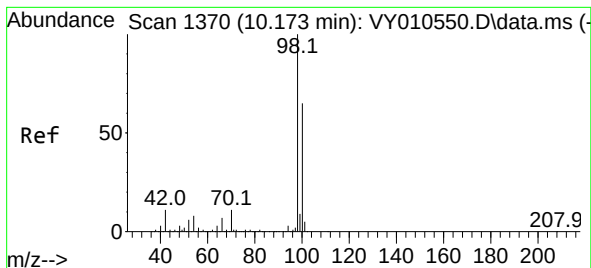
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 20.0 17.6 26.4





#50

Toluene-d8

Concen: 41.603 ug/l

RT: 10.172 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY010609.D

Acq: 21 Sep 2022 19:15

Instrument :

MSVOA_Y

ClientSampleId :

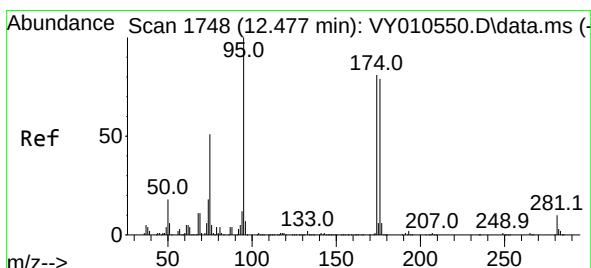
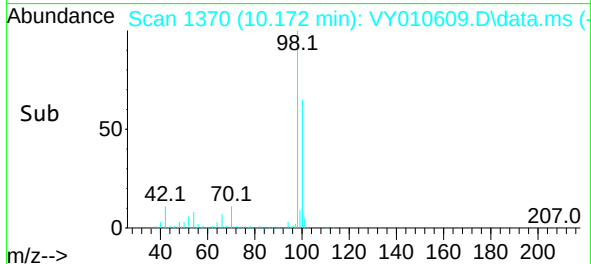
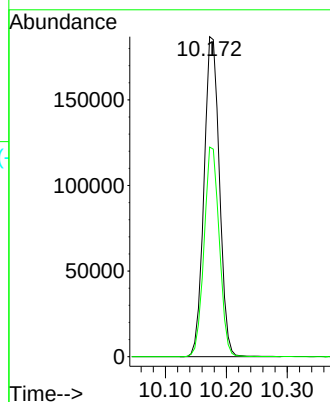
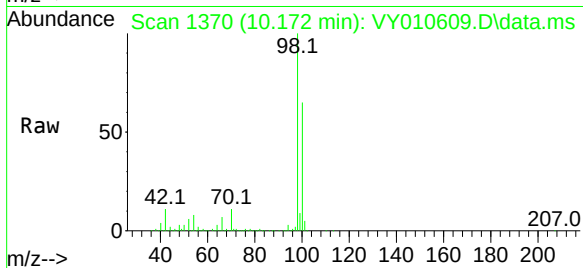
VOC

Tgt Ion: 98 Resp: 328637

Ion Ratio Lower Upper

98 100

100 64.7 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 35.698 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY010609.D

Acq: 21 Sep 2022 19:15

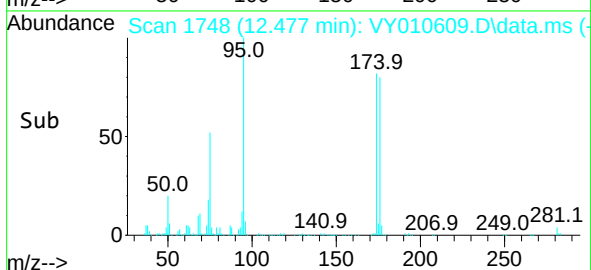
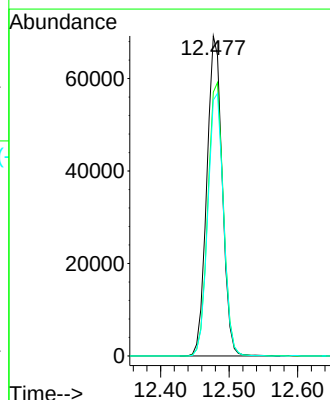
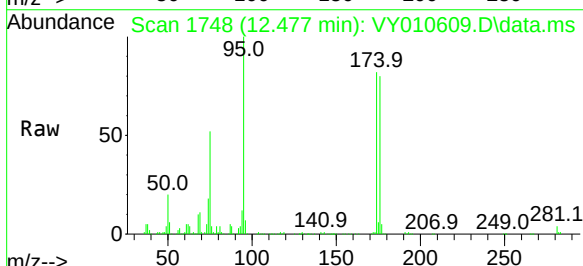
Tgt Ion: 95 Resp: 108377

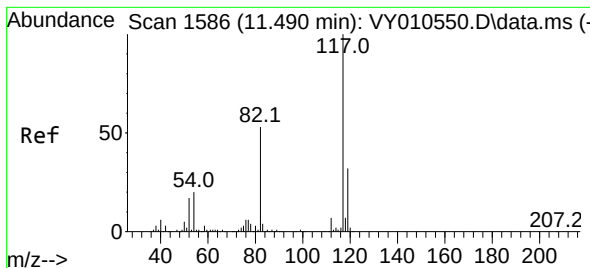
Ion Ratio Lower Upper

95 100

174 86.4 0.0 177.0

176 83.3 0.0 175.8

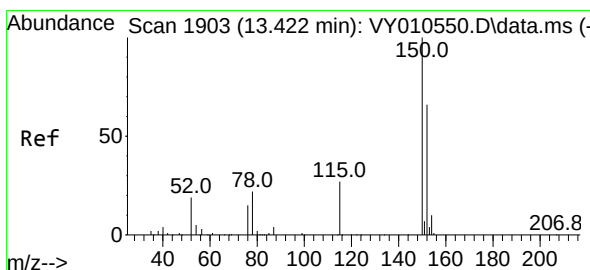
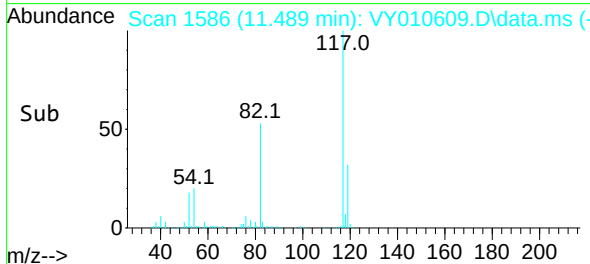
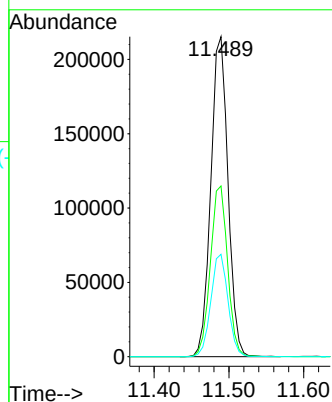
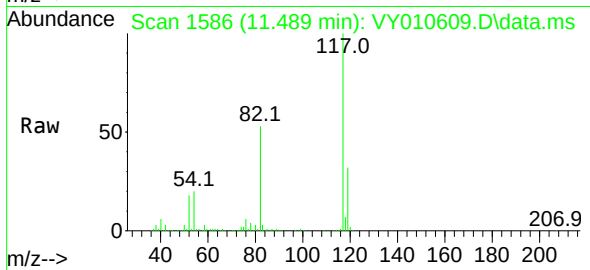




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010609.D
Acq: 21 Sep 2022 19:15

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 343958
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010609.D
Acq: 21 Sep 2022 19:15

Tgt Ion:152 Resp: 159568
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 156.7 0.0 347.6

