

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011427.D
 Acq On : 11 Nov 2022 18:26
 Operator : KP/MD
 Sample : N5521-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Nov 14 05:54:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	319700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	579509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	481703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	195760	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	179265	66.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.840%
35) Dibromofluoromethane	7.710	113	179524	55.277	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.560%
50) Toluene-d8	10.179	98	540321	43.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.100%
62) 4-Bromofluorobenzene	12.477	95	159134	36.773	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.540%

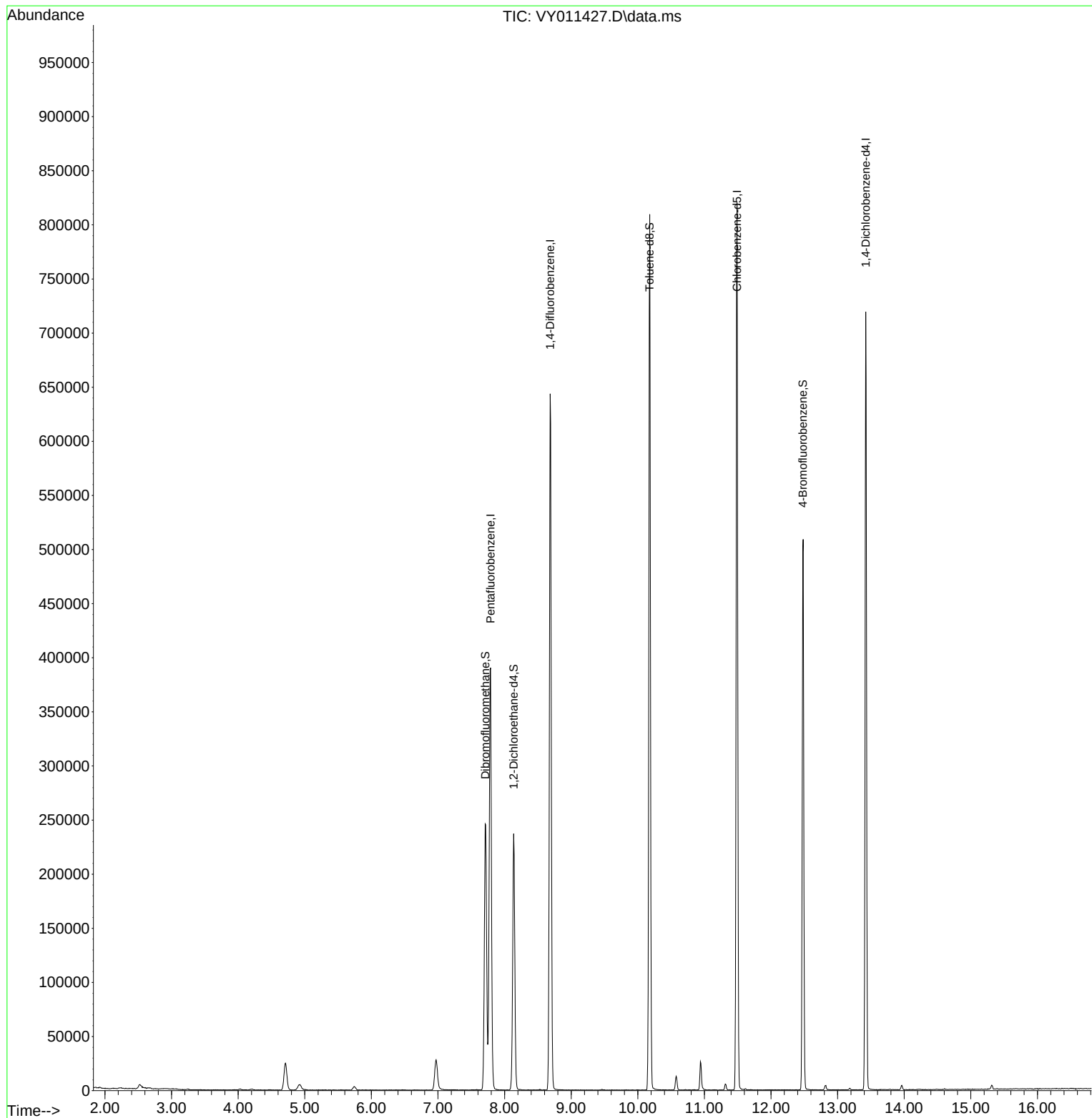
Target Compounds	Qvalue

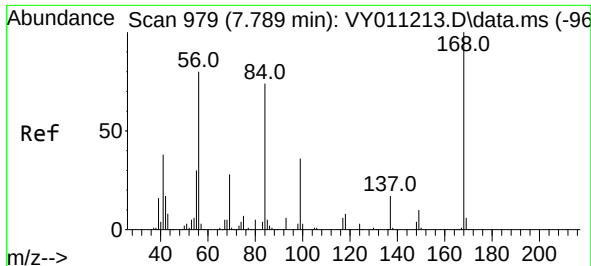
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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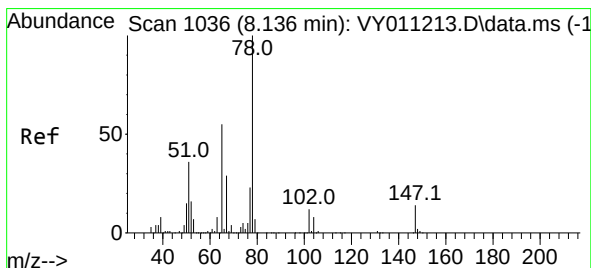
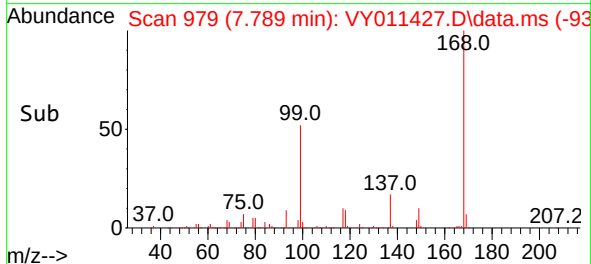
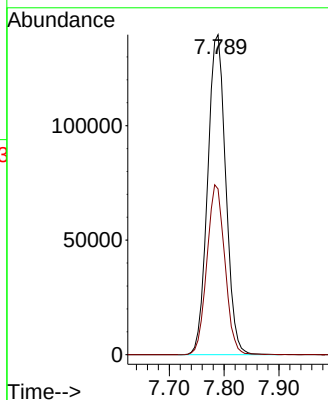
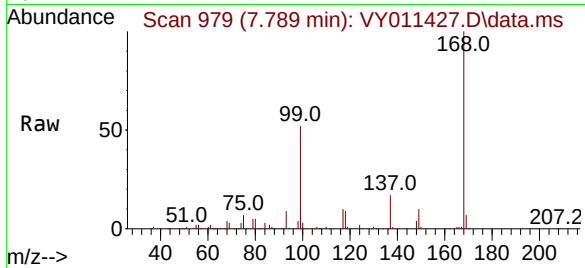




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011427.D
Acq: 11 Nov 2022 18:26

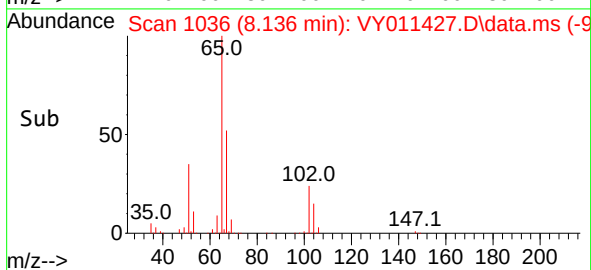
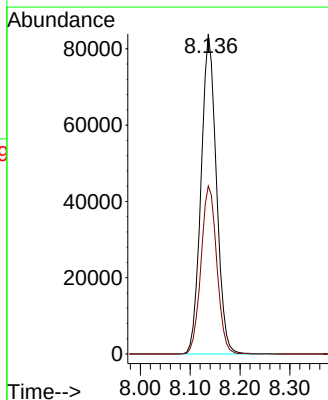
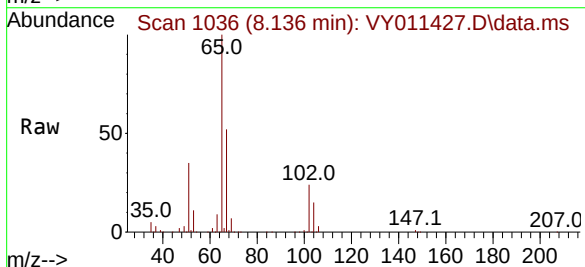
Instrument :
MSVOA_Y
ClientSampleId :
VOC

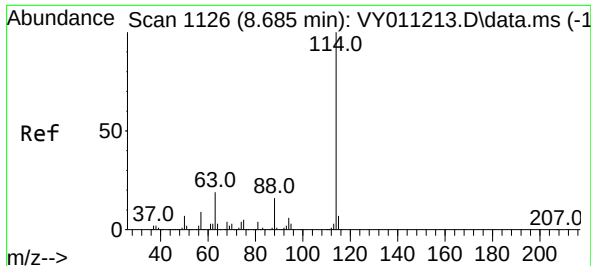
Tgt Ion:168 Resp: 319700
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 66.915 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011427.D
Acq: 11 Nov 2022 18:26

Tgt Ion: 65 Resp: 179265
Ion Ratio Lower Upper
65 100
67 54.0 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: VY011427.D

Acq: 11 Nov 2022 18:26

Instrument :

MSVOA_Y

ClientSampleId :

VOC

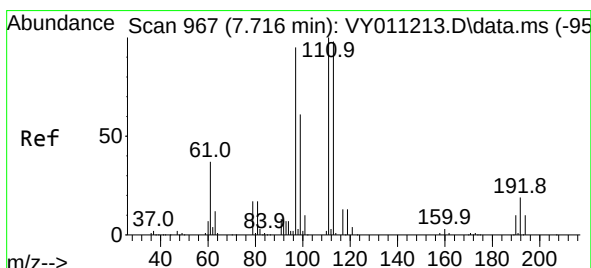
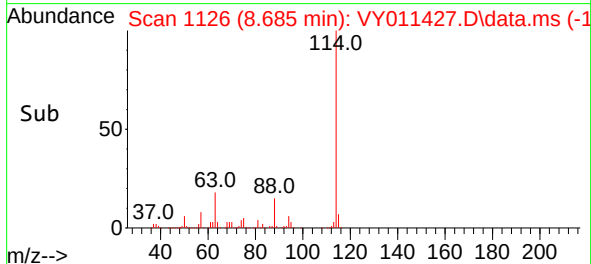
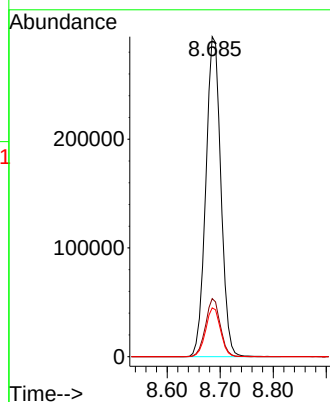
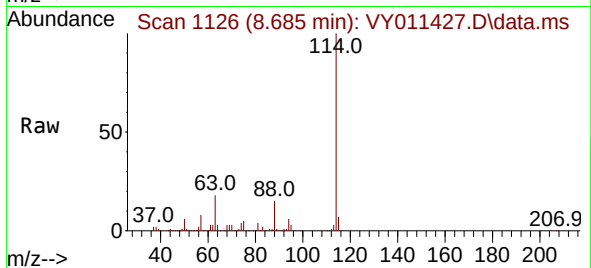
Tgt Ion:114 Resp: 579509

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.277 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011427.D

Acq: 11 Nov 2022 18:26

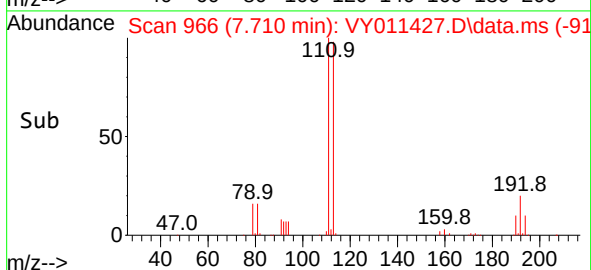
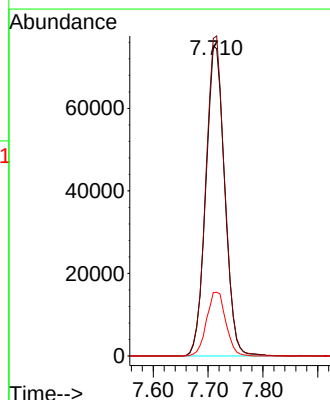
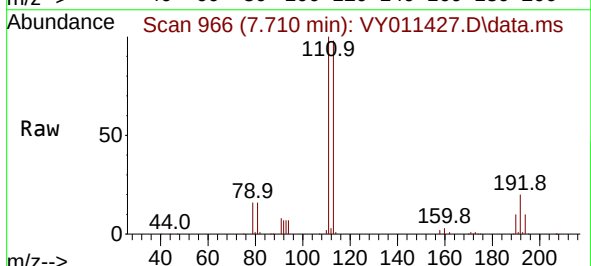
Tgt Ion:113 Resp: 179524

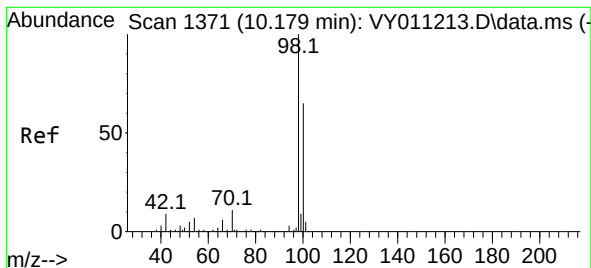
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 20.9 17.6 26.4





#50

Toluene-d8

Concen: 43.549 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011427.D

Acq: 11 Nov 2022 18:26

Instrument :

MSVOA_Y

ClientSampleId :

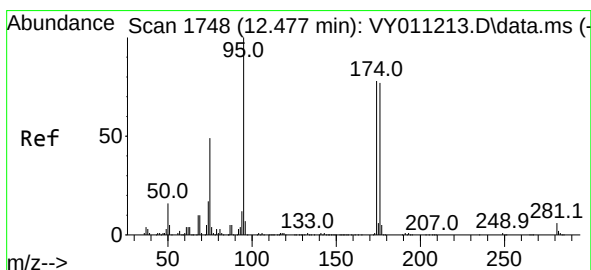
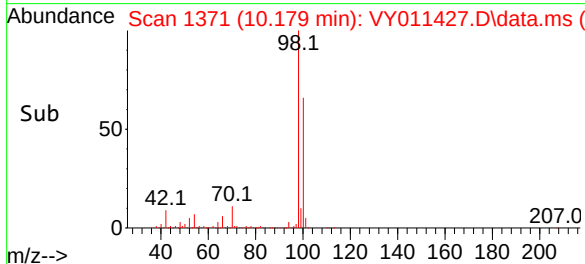
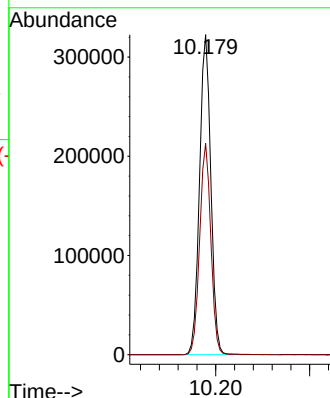
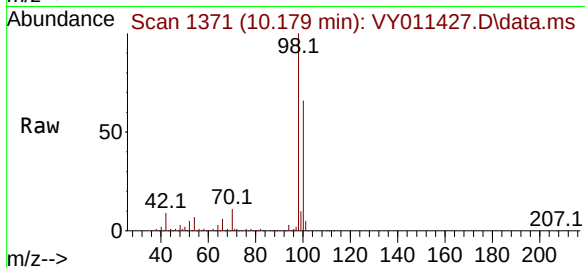
VOC

Tgt Ion: 98 Resp: 540321

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 36.773 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011427.D

Acq: 11 Nov 2022 18:26

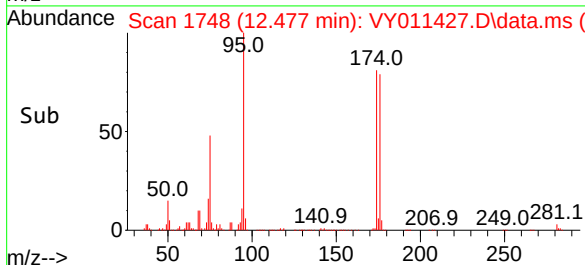
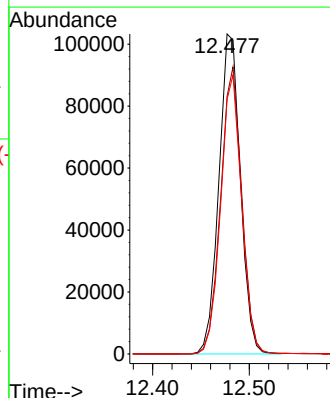
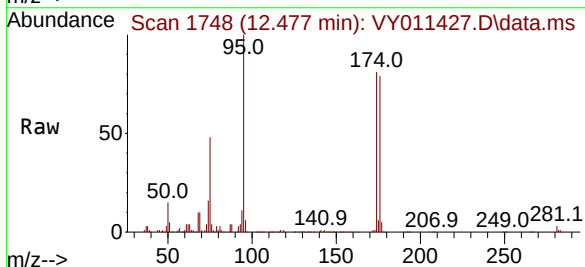
Tgt Ion: 95 Resp: 159134

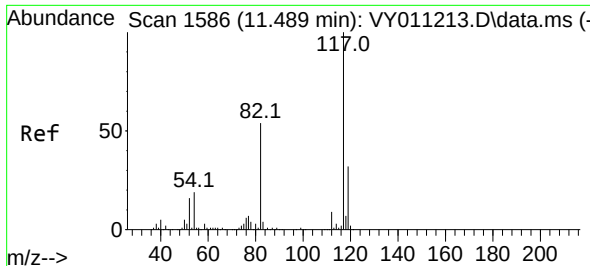
Ion Ratio Lower Upper

95 100

174 88.4 0.0 177.0

176 85.3 0.0 175.8

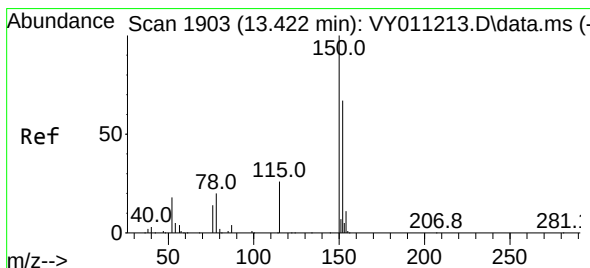
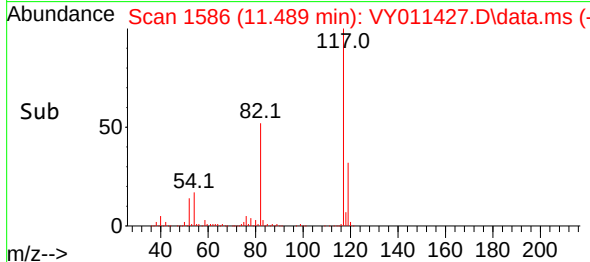
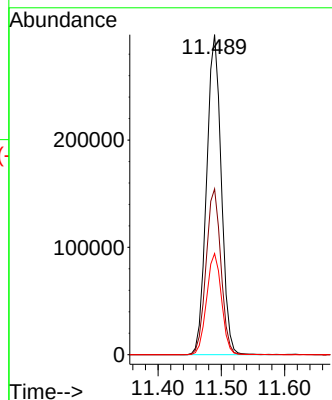
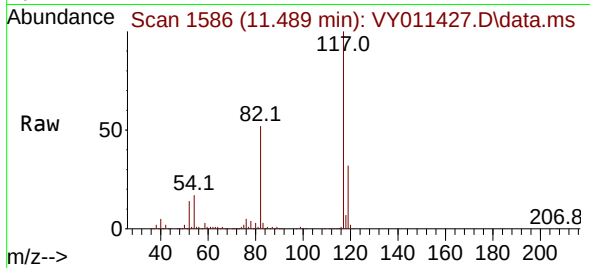




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011427.D
Acq: 11 Nov 2022 18:26

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 481703
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 31.6 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: VY011427.D
Acq: 11 Nov 2022 18:26

Tgt Ion:152 Resp: 195760
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 156.1 0.0 347.6

