

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009998.D
 Acq On : 12 Aug 2022 19:59
 Operator : KP/MD
 Sample : N4191-06
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-211

Quant Time: Aug 13 02:58:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	112378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	225548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105738	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44322	38.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.760%
35) Dibromofluoromethane	7.709	113	45382	32.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	65.740%
50) Toluene-d8	10.172	98	167808	31.725	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	63.460%
62) 4-Bromofluorobenzene	12.477	95	61581	31.776	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.560%

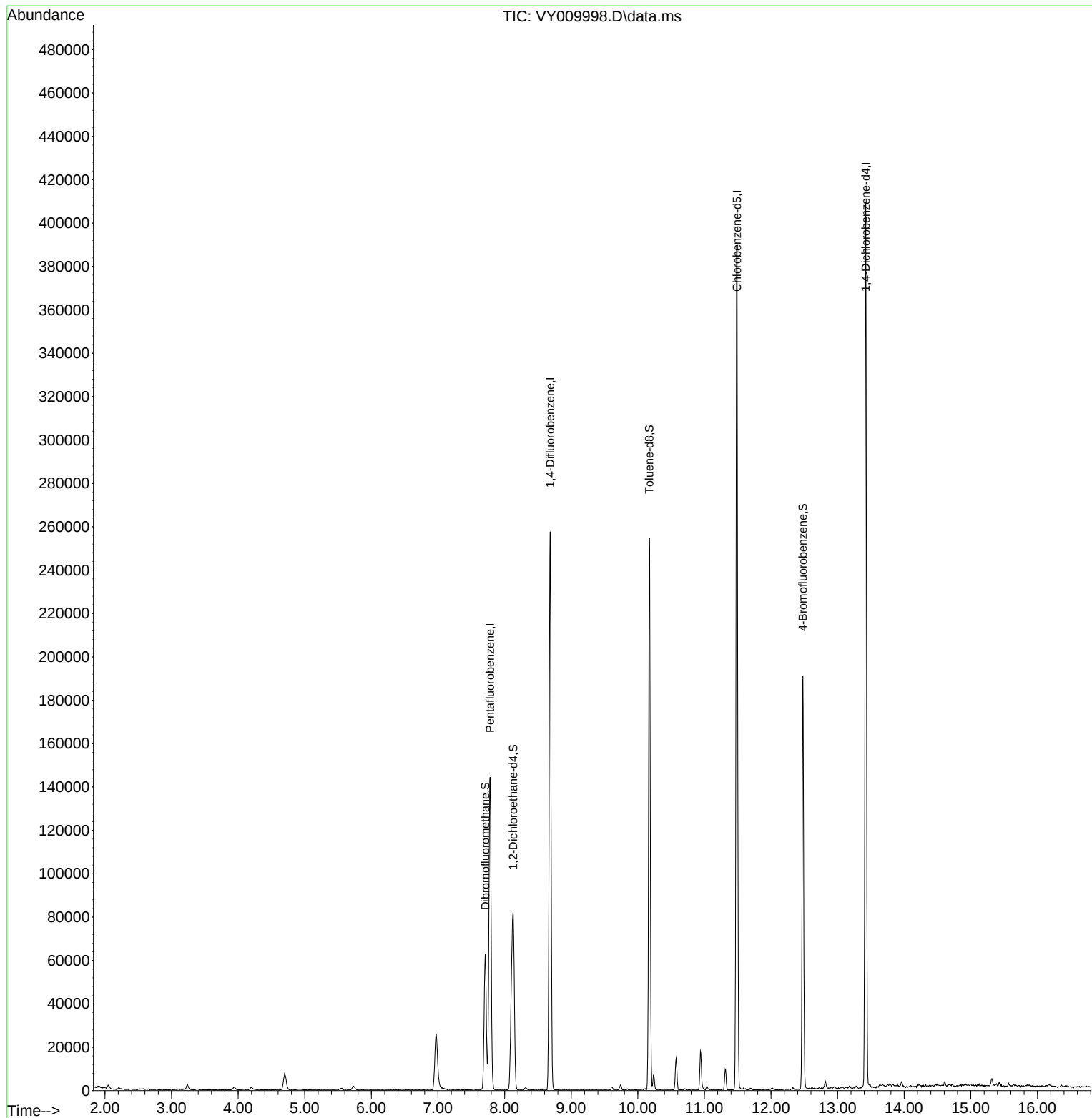
Target Compounds	Qvalue

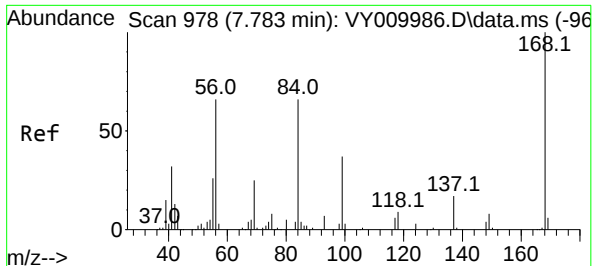
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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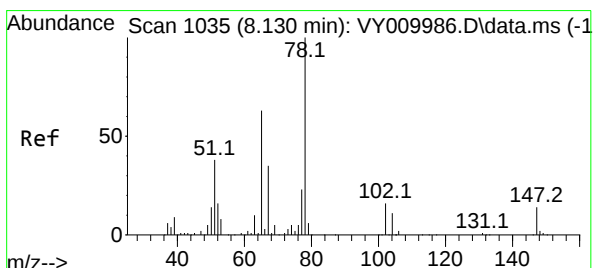
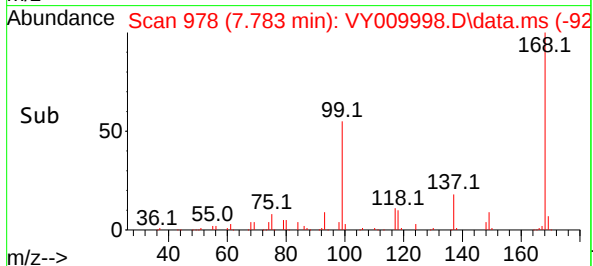
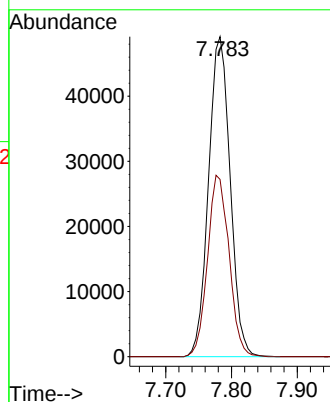
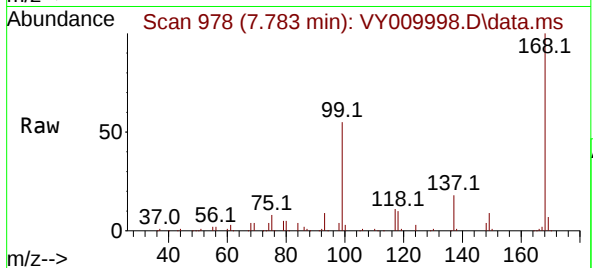




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009998.D
Acq: 12 Aug 2022 19:59

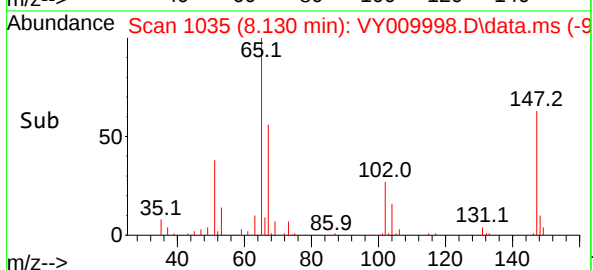
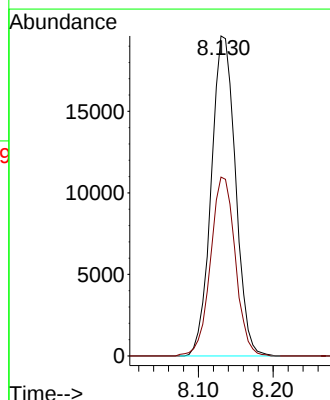
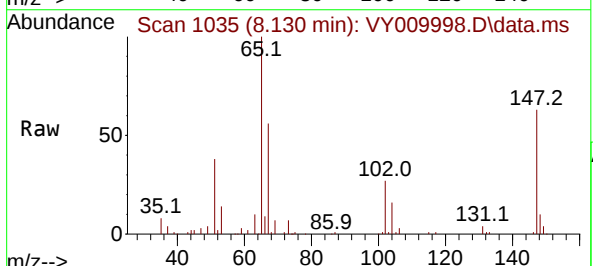
Instrument :
MSVOA_Y
ClientSampleId :
RO-211

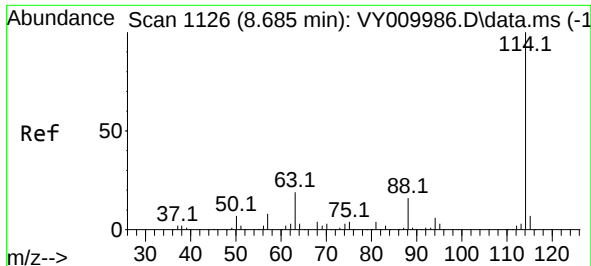
Tgt Ion:168 Resp: 112378
Ion Ratio Lower Upper
168 100
99 55.4 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 38.880 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY009998.D
Acq: 12 Aug 2022 19:59

Tgt Ion: 65 Resp: 44322
Ion Ratio Lower Upper
65 100
67 57.0 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009998.D

Acq: 12 Aug 2022 19:59

Instrument :

MSVOA_Y

ClientSampleId :

RO-211

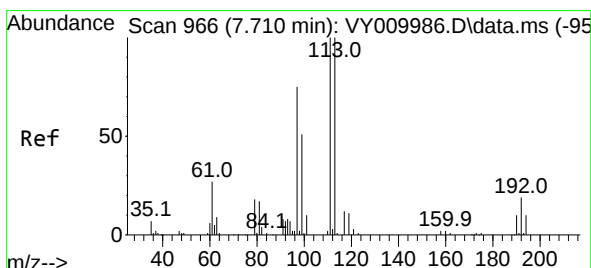
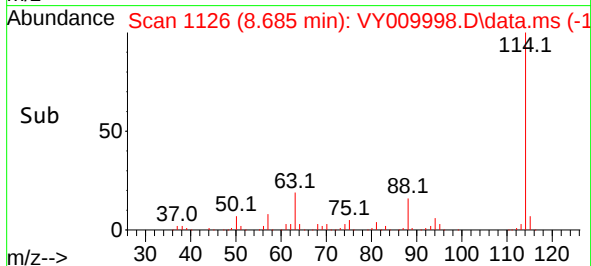
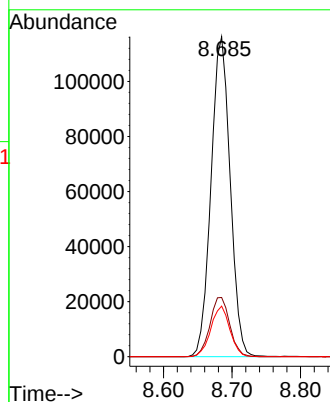
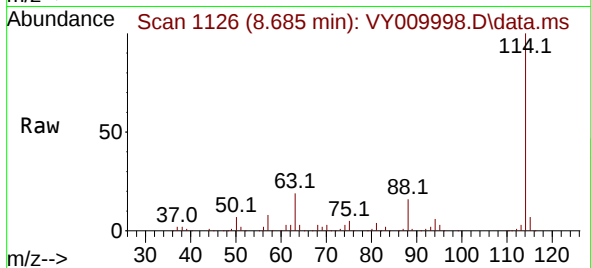
Tgt Ion:114 Resp: 225548

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.0

88 15.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 32.875 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009998.D

Acq: 12 Aug 2022 19:59

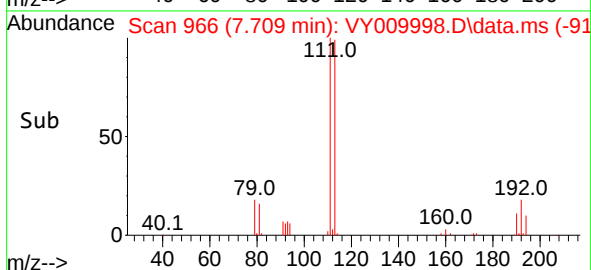
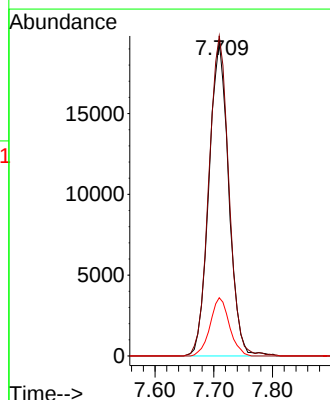
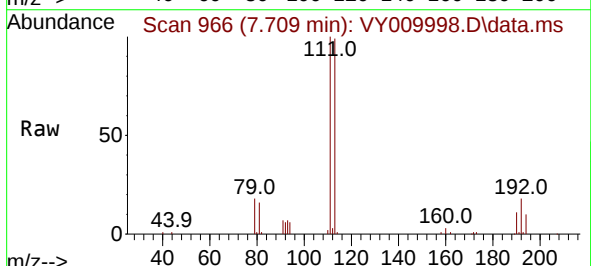
Tgt Ion:113 Resp: 45382

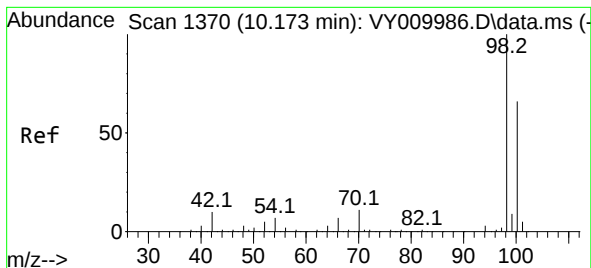
Ion Ratio Lower Upper

113 100

111 102.9 80.6 120.8

192 18.1 16.2 24.4





#50

Toluene-d8

Concen: 31.725 ug/l

RT: 10.172 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009998.D

Acq: 12 Aug 2022 19:59

Instrument :

MSVOA_Y

ClientSampleId :

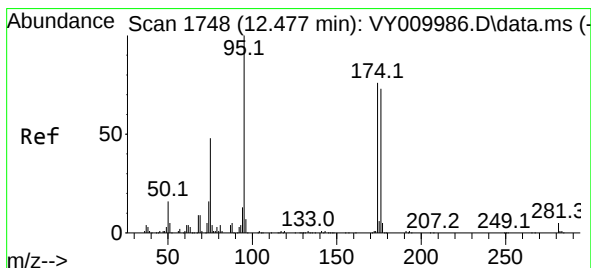
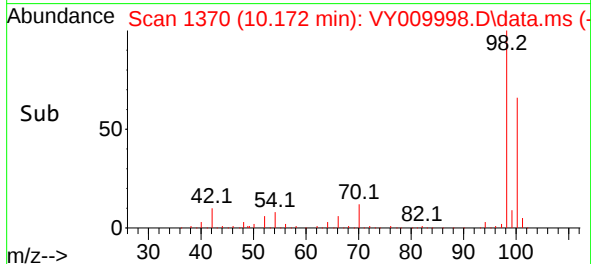
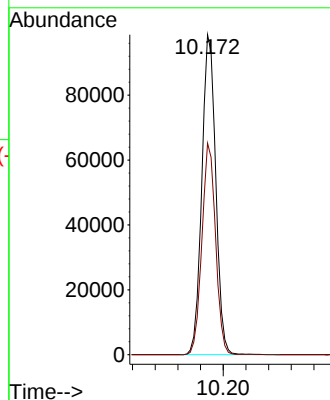
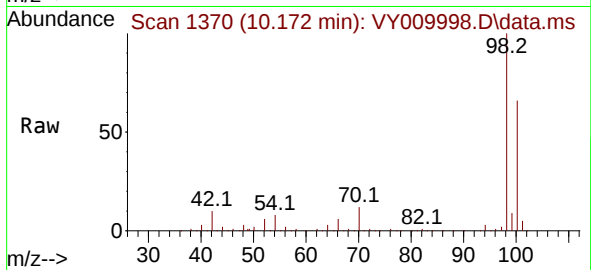
RO-211

Tgt Ion: 98 Resp: 167808

Ion Ratio Lower Upper

98 100

100 65.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 31.776 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY009998.D

Acq: 12 Aug 2022 19:59

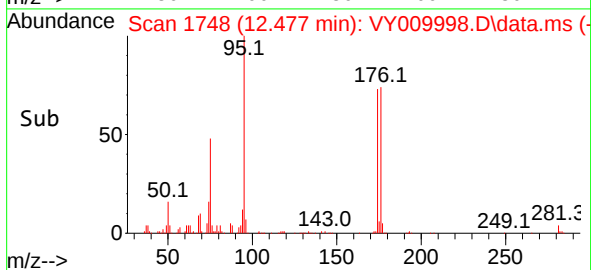
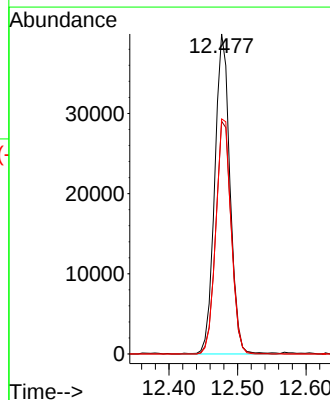
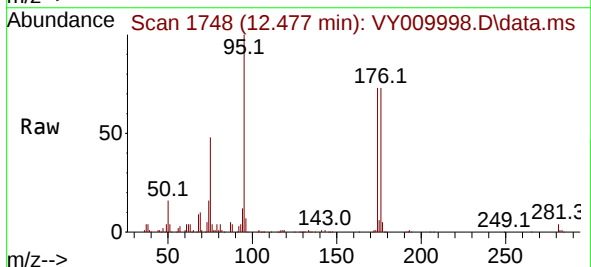
Tgt Ion: 95 Resp: 61581

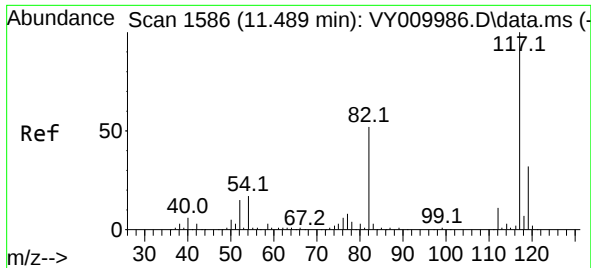
Ion Ratio Lower Upper

95 100

174 74.0 0.0 173.8

176 73.3 0.0 167.0

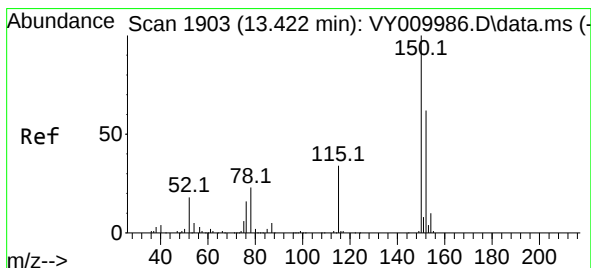
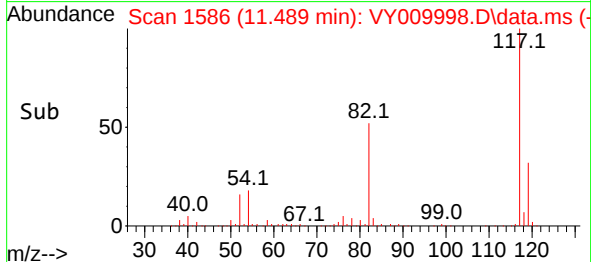
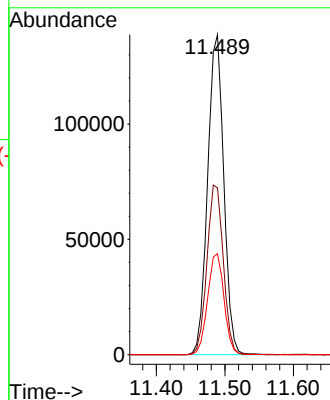
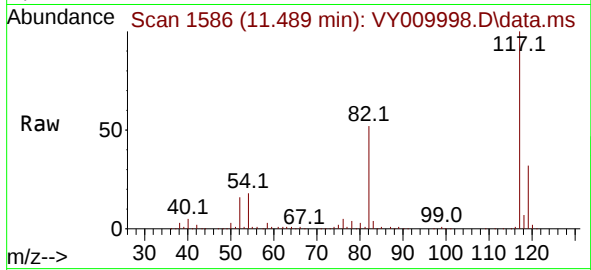




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009998.D
Acq: 12 Aug 2022 19:59

Instrument :
MSVOA_Y
ClientSampleId :
RO-211

Tgt Ion:117 Resp: 227319
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.6
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009998.D
Acq: 12 Aug 2022 19:59

Tgt Ion:152 Resp: 105738
Ion Ratio Lower Upper
152 100
115 59.3 28.6 85.9
150 155.6 0.0 349.8

