

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011253.D
 Acq On : 02 Nov 2022 11:40
 Operator : KP/MD
 Sample : N5361-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-102822

Quant Time: Nov 02 13:27:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	340748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	574796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	492927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212879	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	170453	46.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.540%
35) Dibromofluoromethane	7.716	113	177436	48.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.179	98	629587	43.909	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.820%
62) 4-Bromofluorobenzene	12.477	95	209801	42.147	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.300%

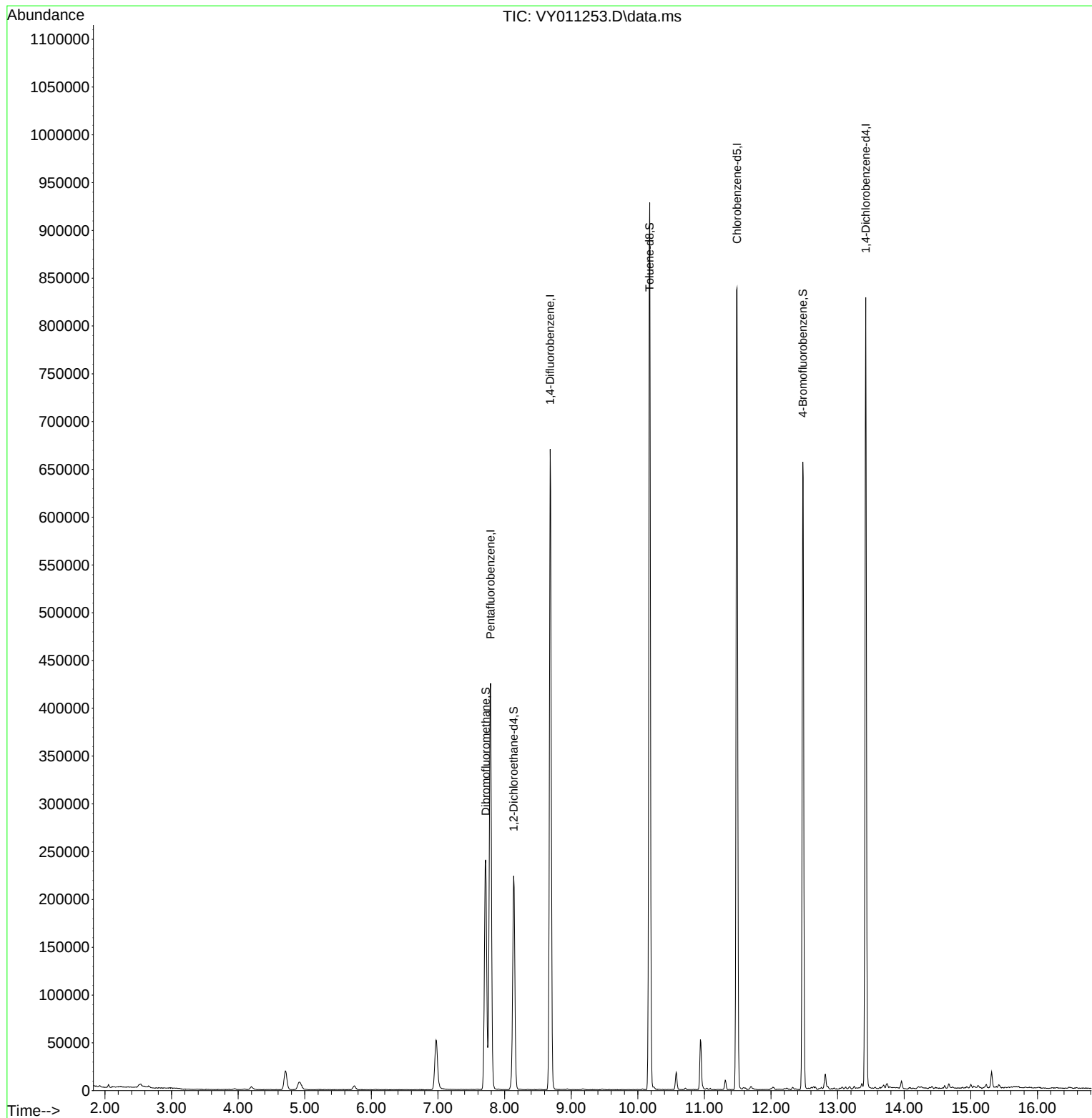
Target Compounds	Qvalue

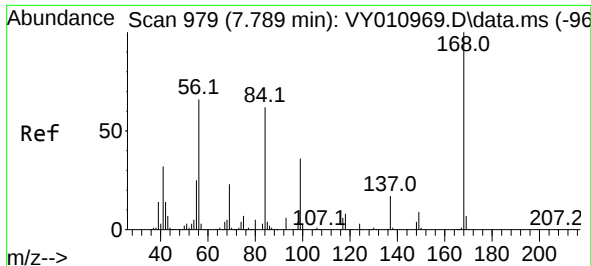
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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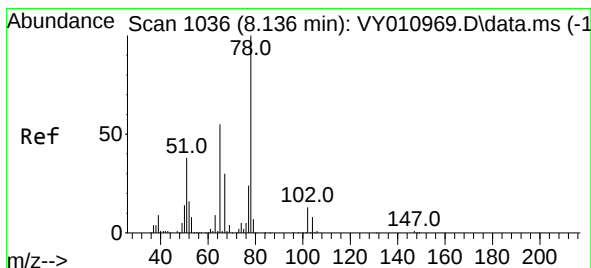
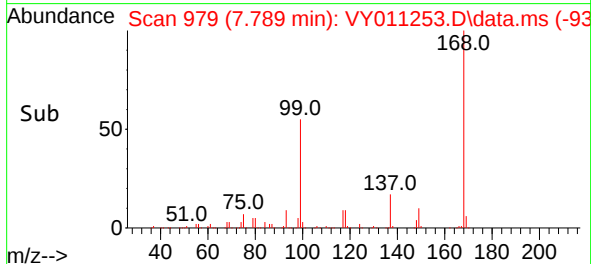
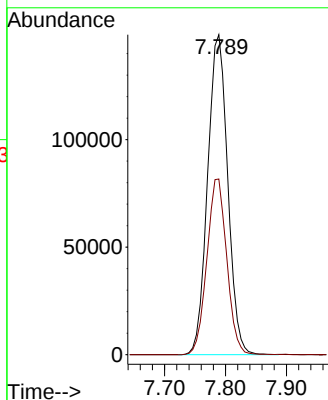
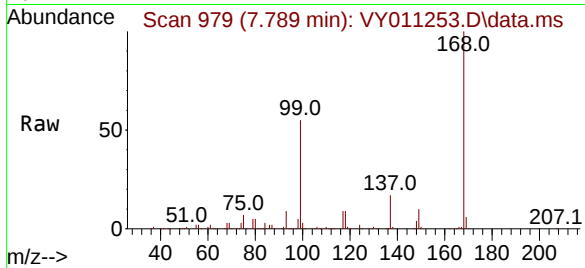




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

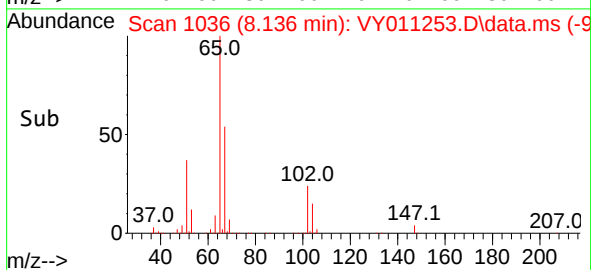
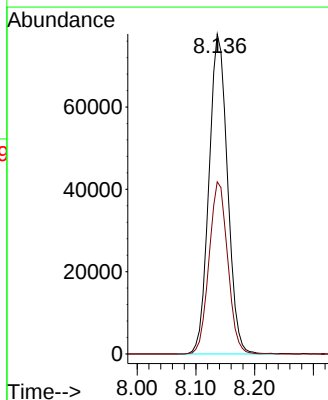
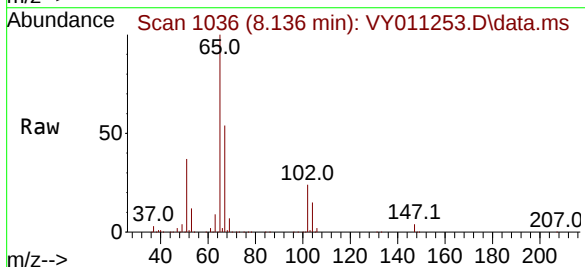
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-102822

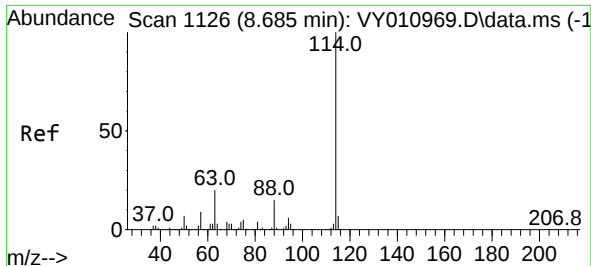
Tgt Ion:168 Resp: 340748
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.772 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

Tgt Ion: 65 Resp: 170453
Ion Ratio Lower Upper
65 100
67 54.1 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: VY011253.D

Acq: 02 Nov 2022 11:40

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-102822

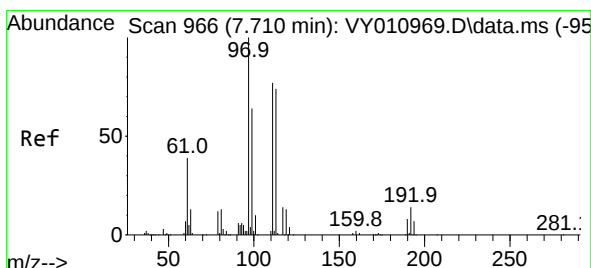
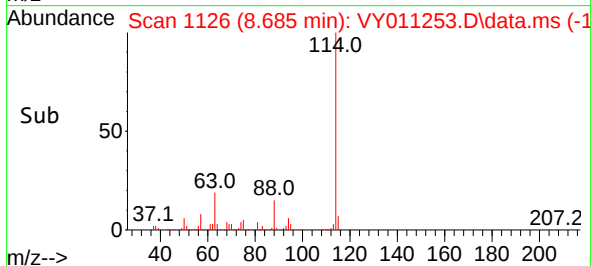
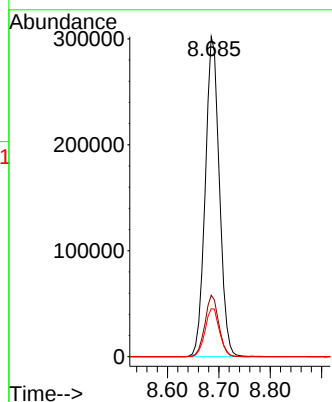
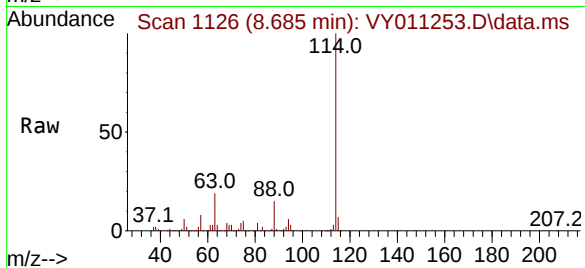
Tgt Ion:114 Resp: 574796

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.046 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011253.D

Acq: 02 Nov 2022 11:40

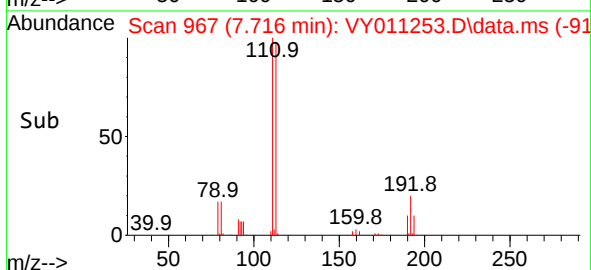
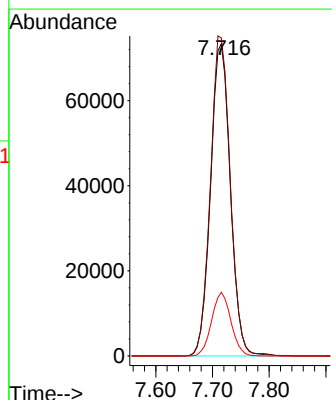
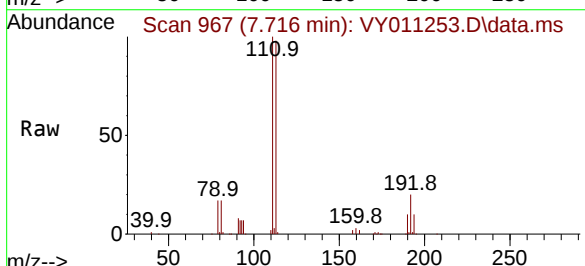
Tgt Ion:113 Resp: 177436

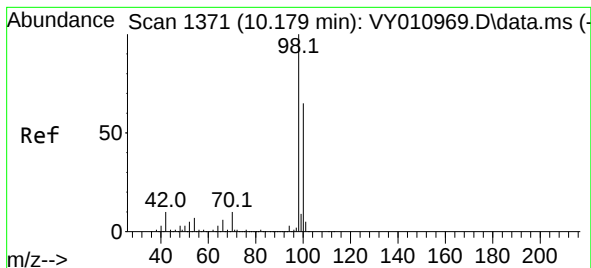
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 19.9 17.6 26.4





#50

Toluene-d8

Concen: 43.909 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011253.D

Acq: 02 Nov 2022 11:40

Instrument :

MSVOA_Y

ClientSampleId :

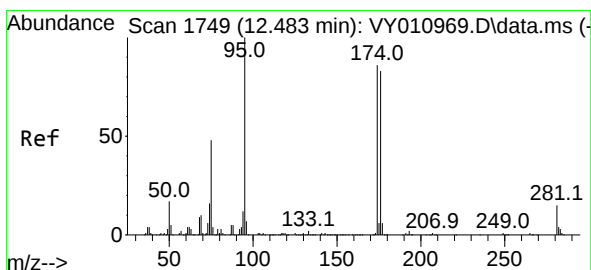
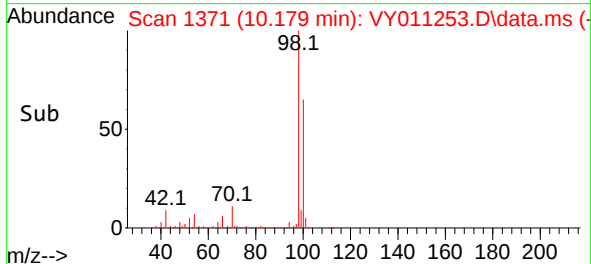
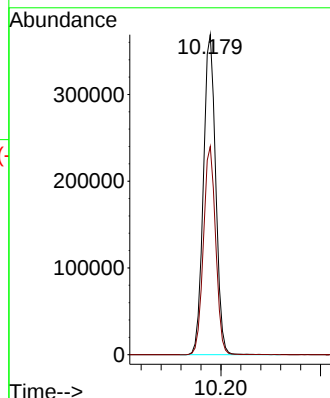
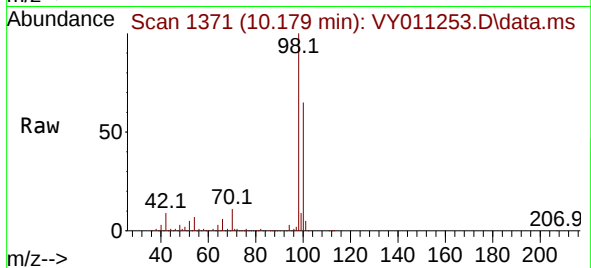
OR-2-102822

Tgt Ion: 98 Resp: 629587

Ion Ratio Lower Upper

98 100

100 64.7 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 42.147 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011253.D

Acq: 02 Nov 2022 11:40

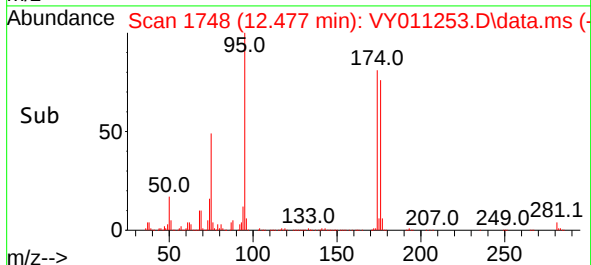
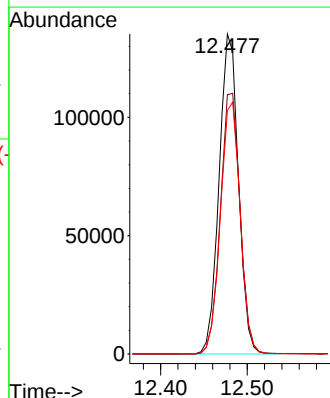
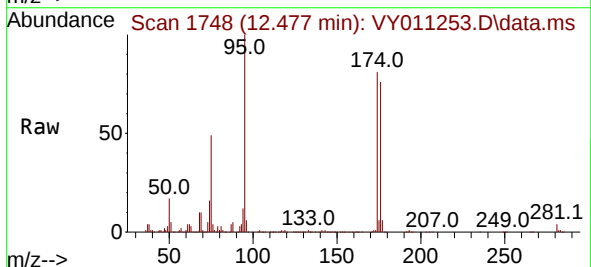
Tgt Ion: 95 Resp: 209801

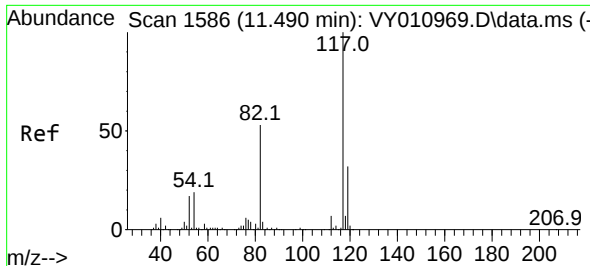
Ion Ratio Lower Upper

95 100

174 83.5 0.0 177.0

176 80.5 0.0 175.8

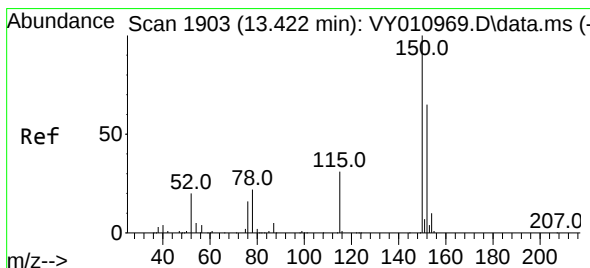
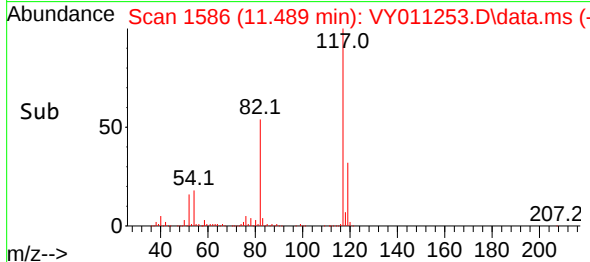
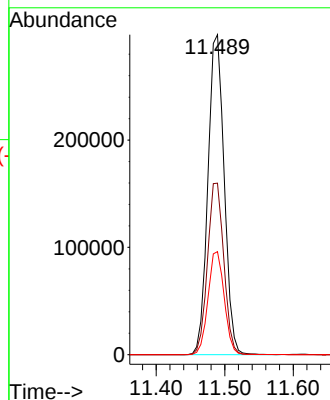
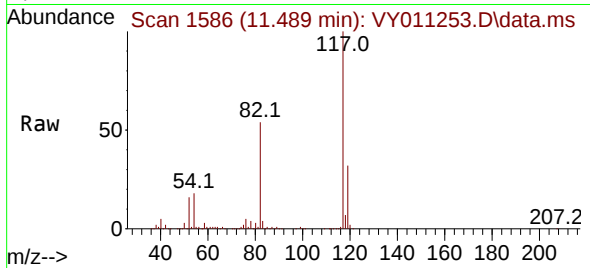




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011253.D
Acq: 02 Nov 2022 11:40

Instrument :
MSVOA_Y
ClientSampleId :
OR-2-102822

Tgt Ion:117 Resp: 492927
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.2 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: VY011253.D
Acq: 02 Nov 2022 11:40

Tgt Ion:152 Resp: 212879
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 157.2 0.0 347.6

