

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
 Data File : VY012957.D
 Acq On : 15 Mar 2023 16:31
 Operator : KP/MD
 Sample : 01936-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-03152023

Quant Time: Mar 16 00:19:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	79344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	123117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55657	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47669	60.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.020%
35) Dibromofluoromethane	7.716	113	46087	55.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.800%
50) Toluene-d8	10.185	98	163519	54.255	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.520%
62) 4-Bromofluorobenzene	12.483	95	48681	47.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.720%

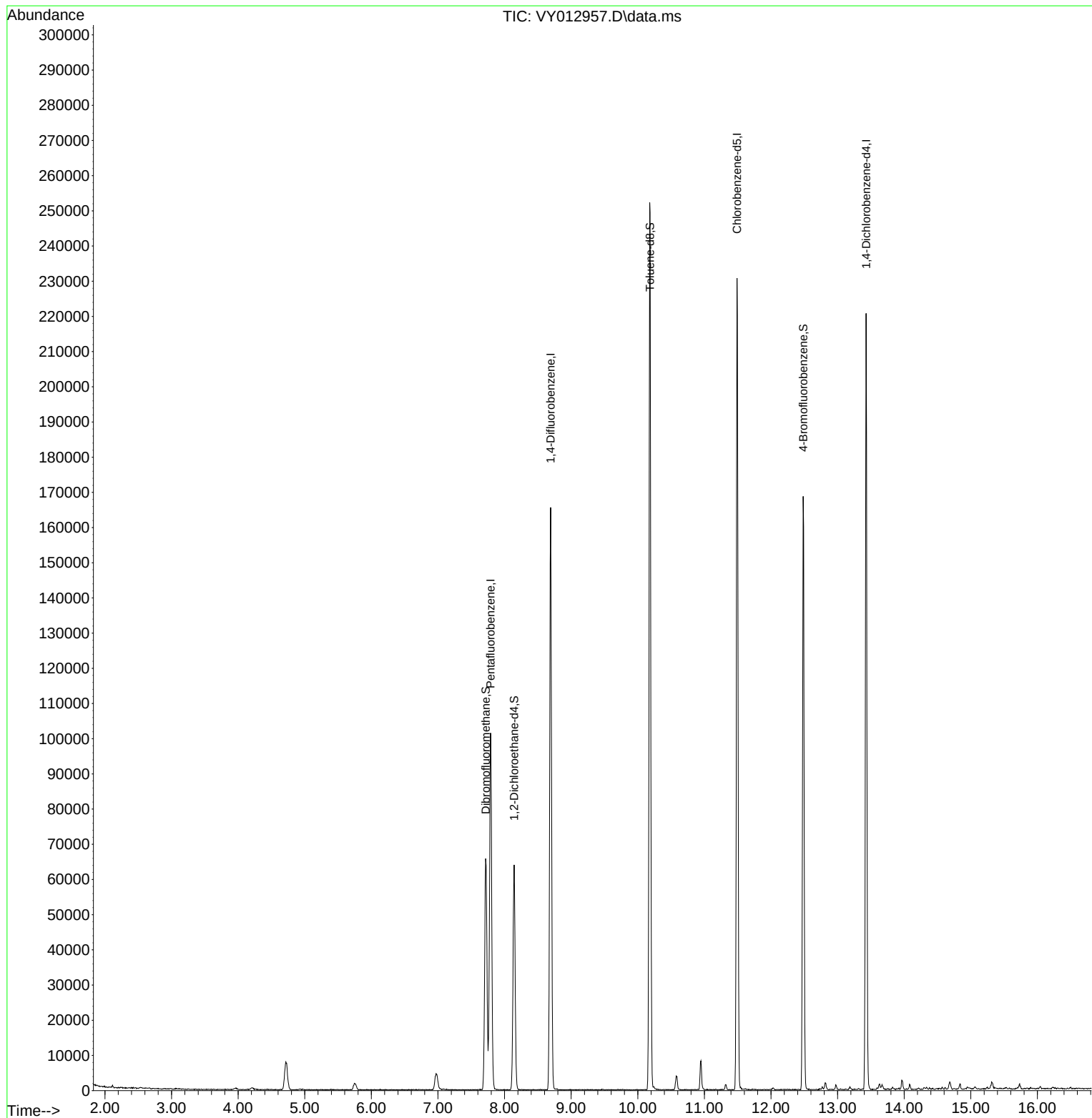
Target Compounds	Qvalue

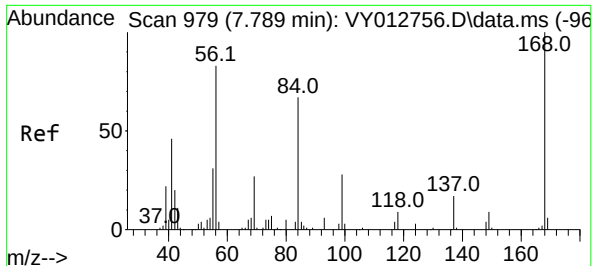
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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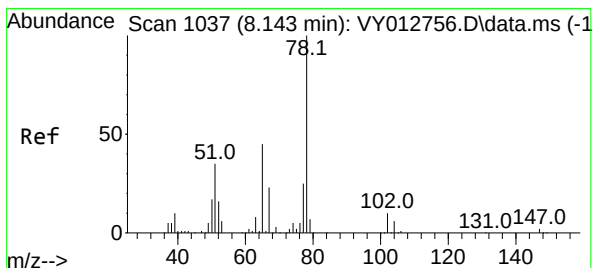
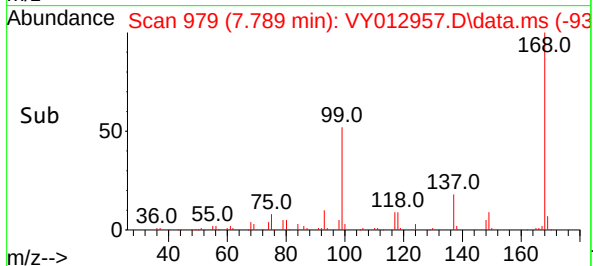
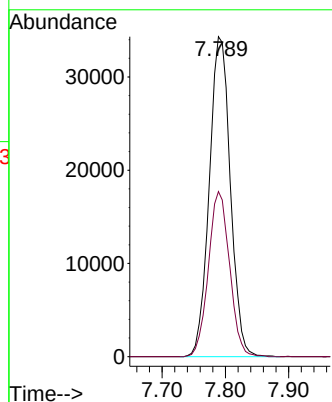
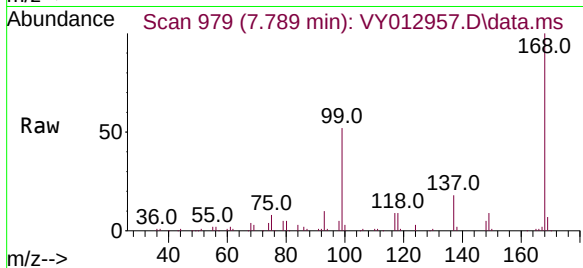




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

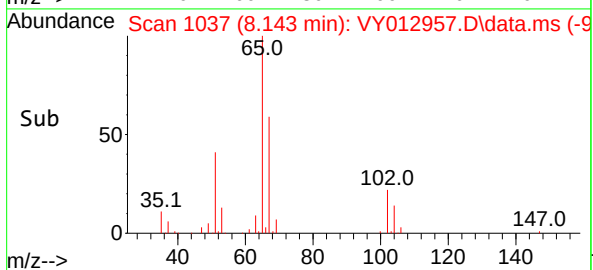
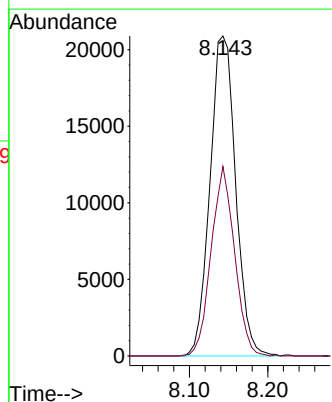
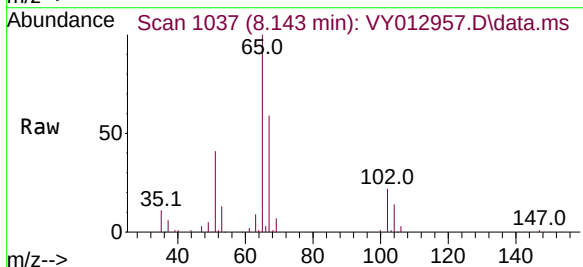
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023

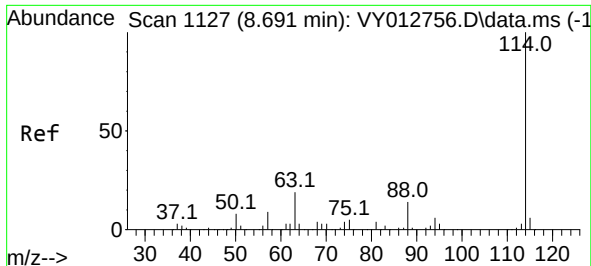
Tgt Ion:168 Resp: 79344
Ion Ratio Lower Upper
168 100
99 51.6 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 60.510 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

Tgt Ion: 65 Resp: 47669
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012957.D

Acq: 15 Mar 2023 16:31

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-03152023

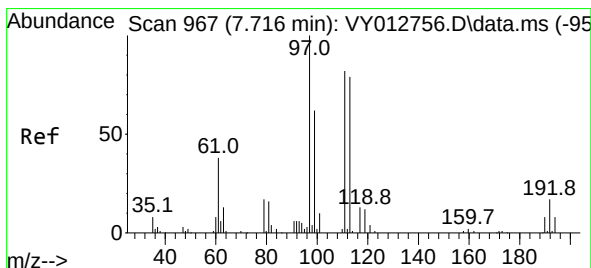
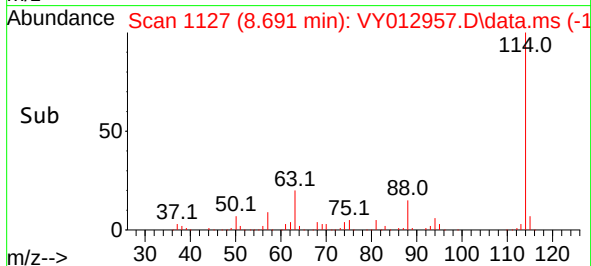
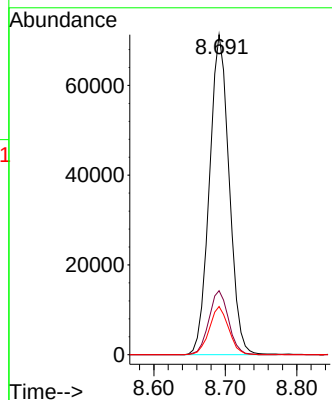
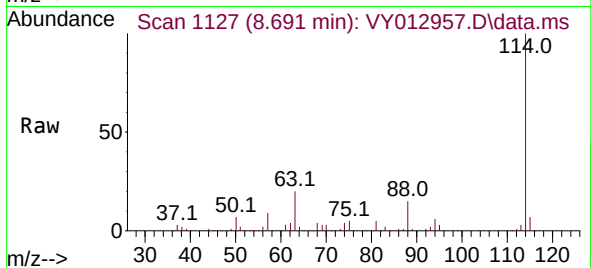
Tgt Ion:114 Resp: 136605

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.903 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012957.D

Acq: 15 Mar 2023 16:31

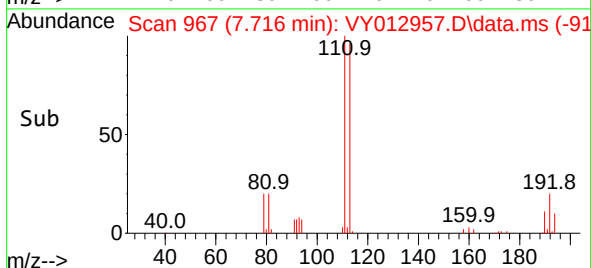
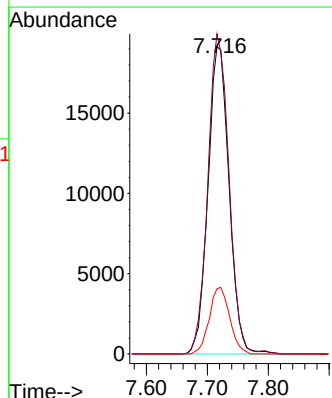
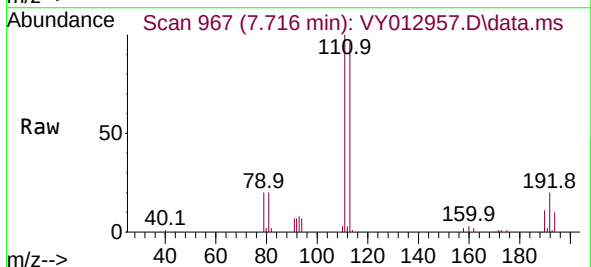
Tgt Ion:113 Resp: 46087

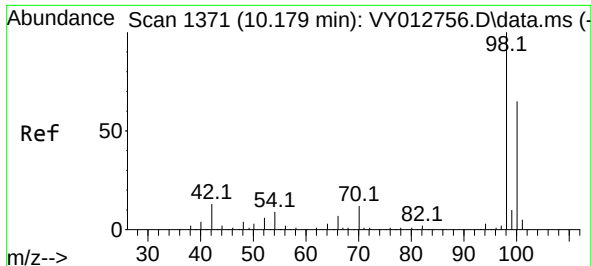
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 20.9 16.8 25.2

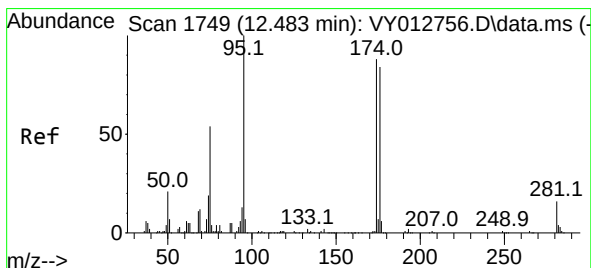
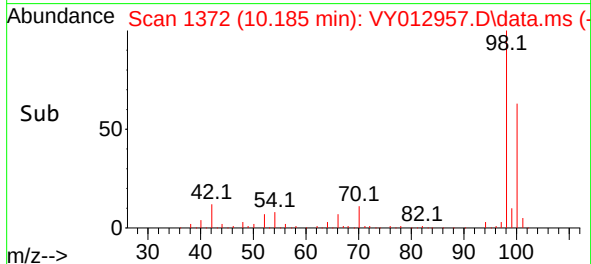
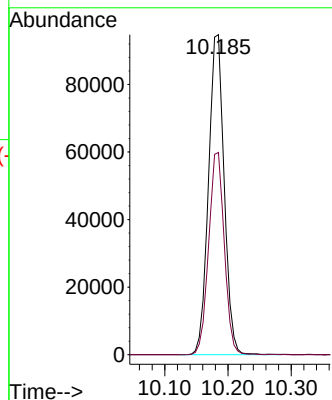
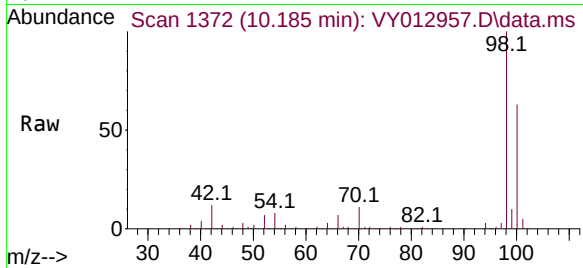




#50
Toluene-d8
Concen: 54.255 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

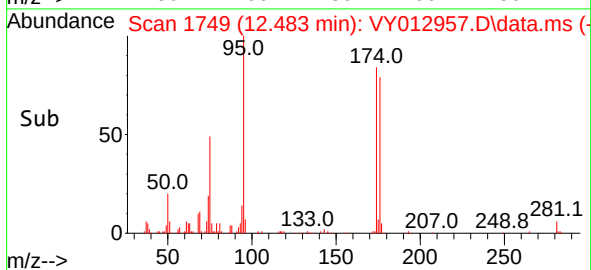
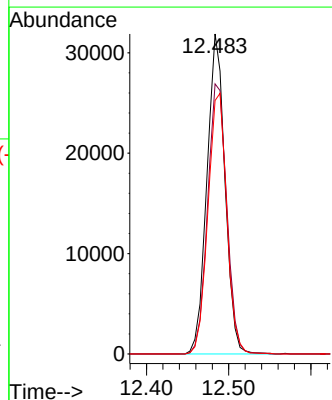
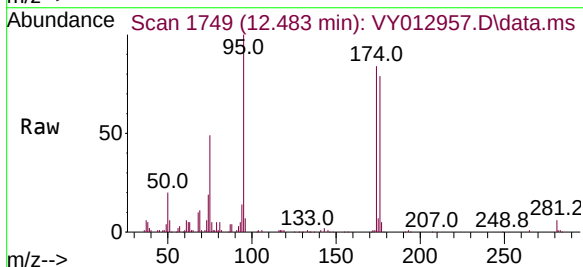
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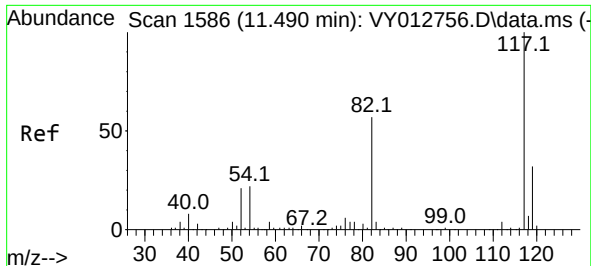
Tgt Ion: 98 Resp: 163519
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.855 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

Tgt Ion: 95 Resp: 48681
Ion Ratio Lower Upper
95 100
174 89.5 0.0 176.6
176 85.0 0.0 170.2

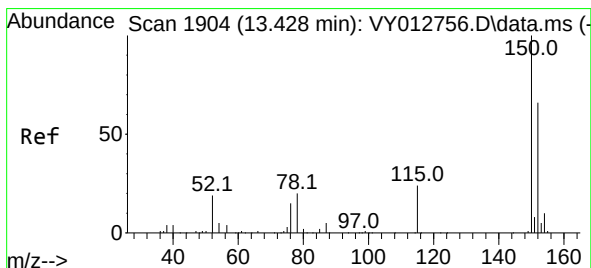
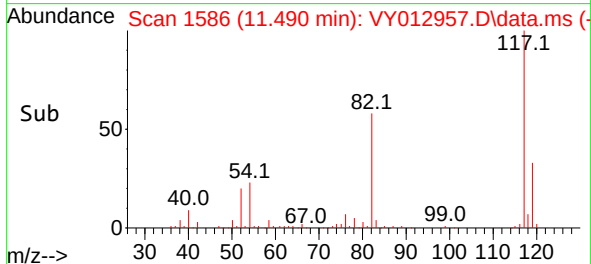
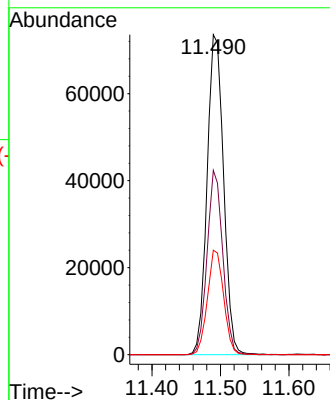
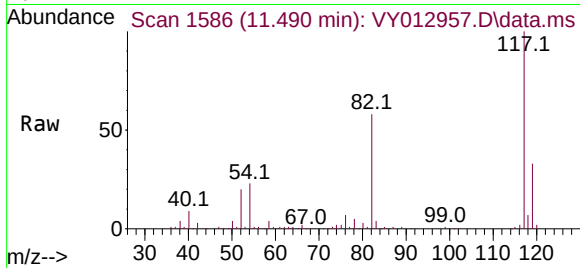




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023

Tgt Ion:117 Resp: 123117
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.0
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

Tgt Ion:152 Resp: 55657
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 156.5 0.0 347.8

