

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012214.D
 Acq On : 17 Jan 2023 11:06
 Operator : KP/MD
 Sample : VY0117SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBL01

Quant Time: Jan 18 00:30:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	173193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	287086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	273852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129384	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	100014	71.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.700%
35) Dibromofluoromethane	7.722	113	84801	55.786	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.580%
50) Toluene-d8	10.179	98	338329	65.587	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.180%
62) 4-Bromofluorobenzene	12.483	95	112248	52.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.760%

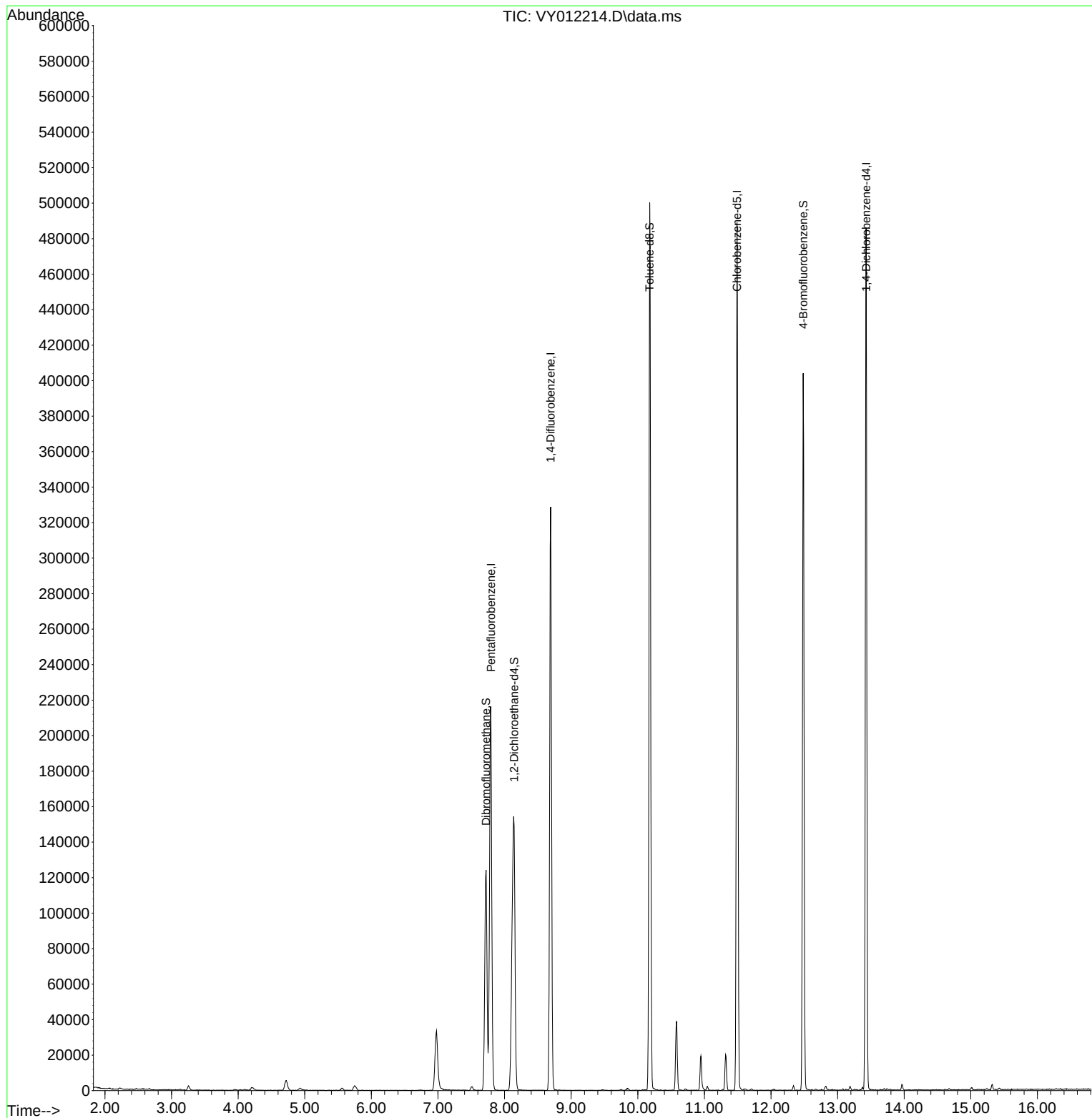
Target Compounds	Qvalue

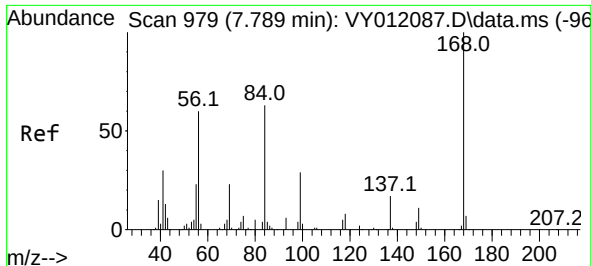
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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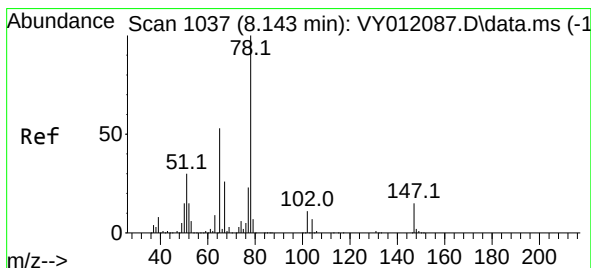
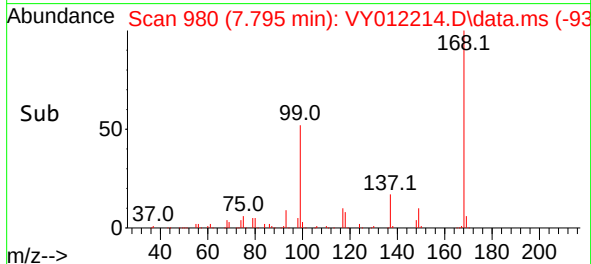
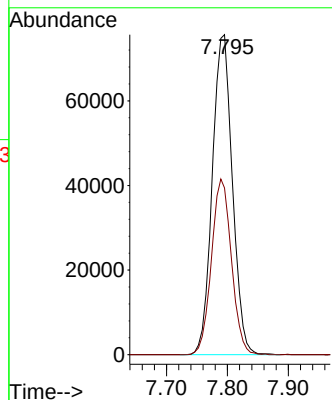
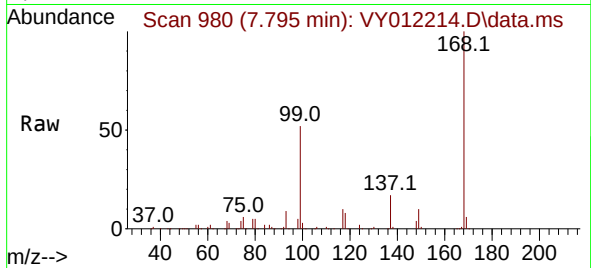




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

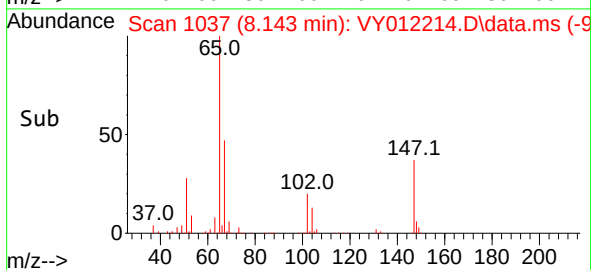
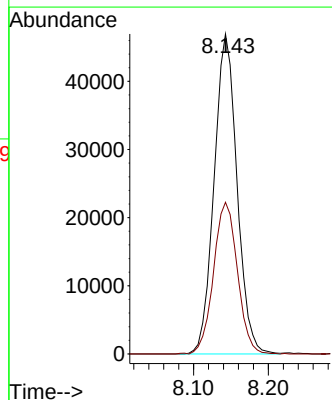
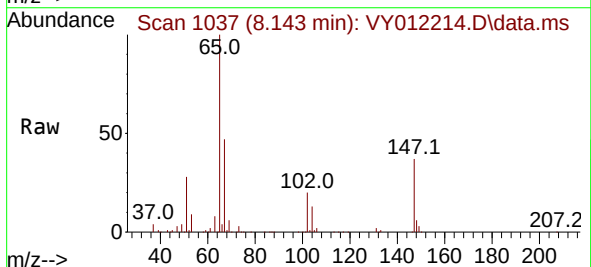
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

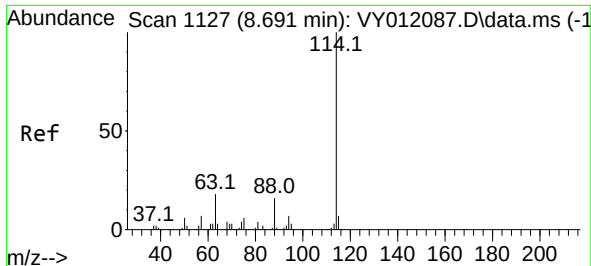
Tgt Ion:168 Resp: 173193
Ion Ratio Lower Upper
168 100
99 52.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 71.347 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Tgt Ion: 65 Resp: 100014
Ion Ratio Lower Upper
65 100
67 49.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012214.D

Acq: 17 Jan 2023 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBL01

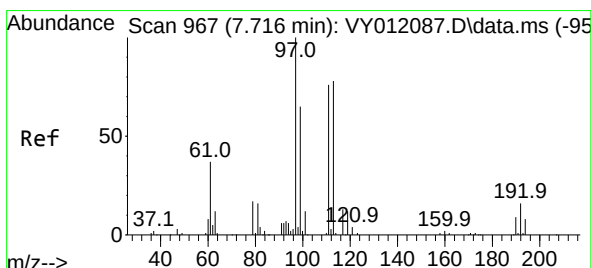
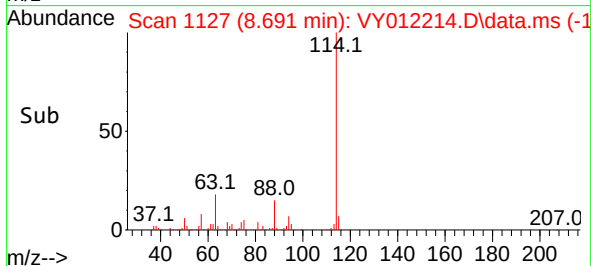
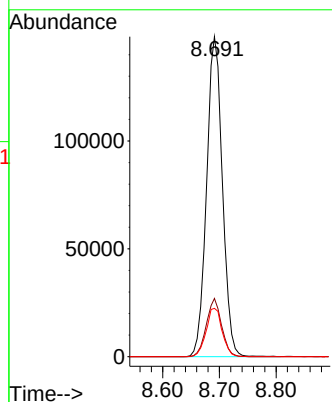
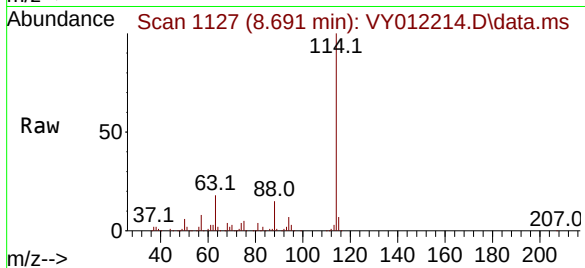
Tgt Ion:114 Resp: 287086

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.786 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012214.D

Acq: 17 Jan 2023 11:06

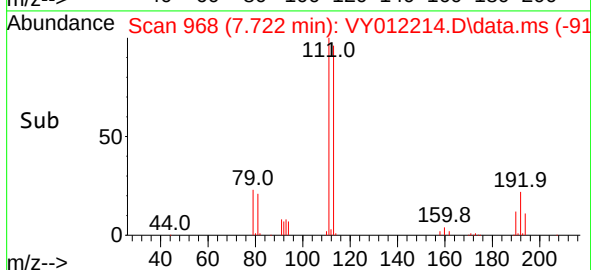
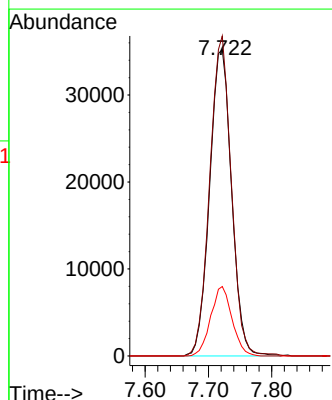
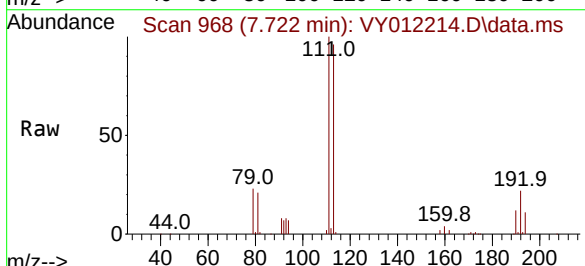
Tgt Ion:113 Resp: 84801

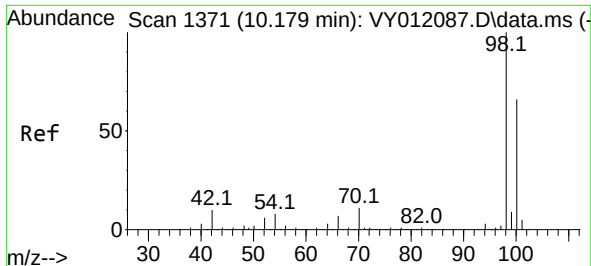
Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

192 22.1 16.0 24.0

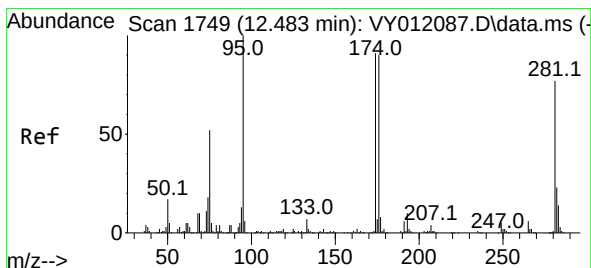
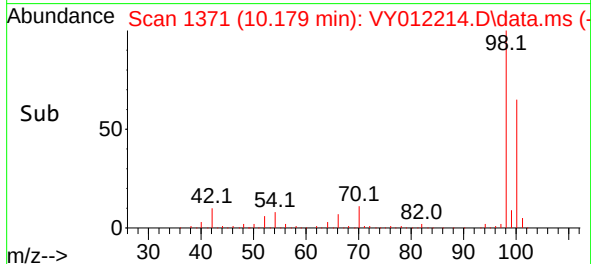
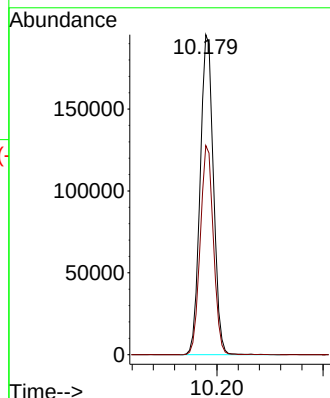
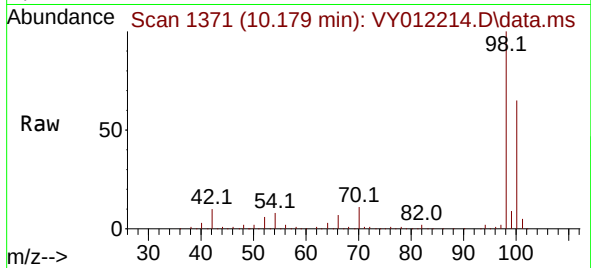




#50
Toluene-d8
Concen: 65.587 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

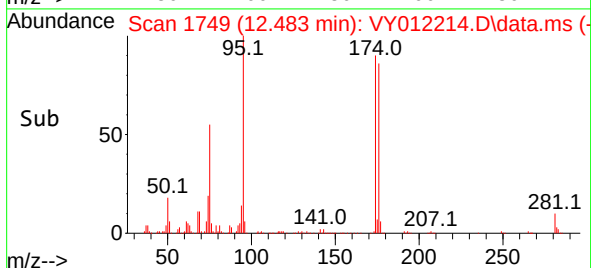
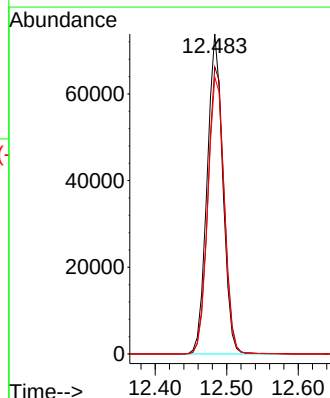
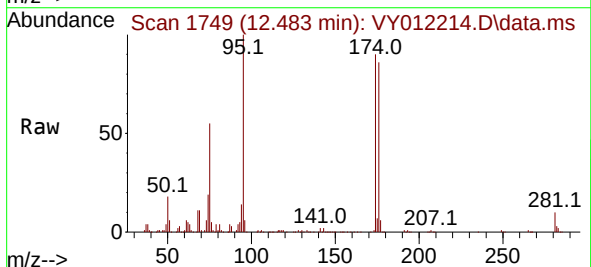
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

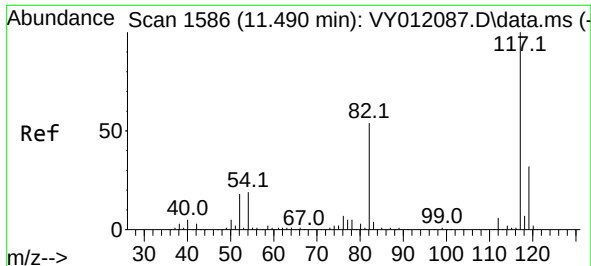
Tgt Ion: 98 Resp: 338329
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.381 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Tgt Ion: 95 Resp: 112248
Ion Ratio Lower Upper
95 100
174 93.8 0.0 172.0
176 90.5 0.0 167.6

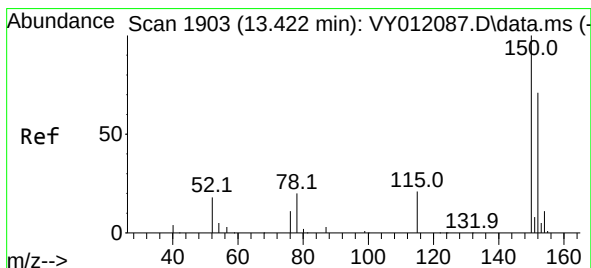
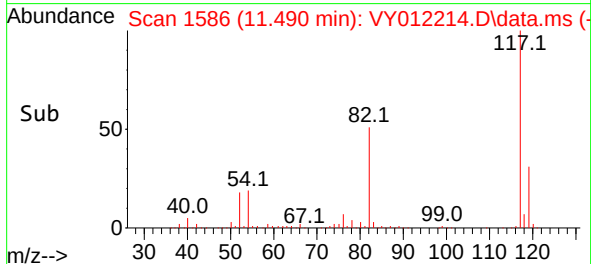
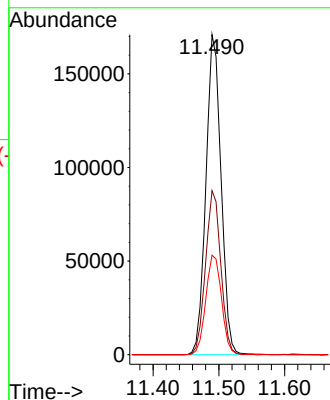
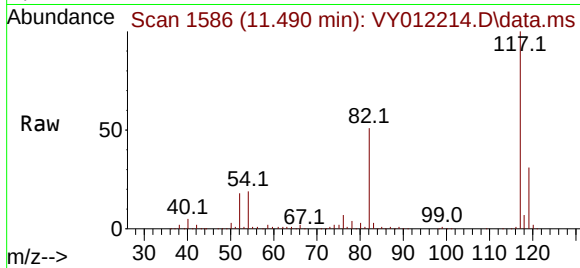




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

Tgt Ion:117 Resp: 273852
Ion Ratio Lower Upper
117 100
82 51.3 44.8 67.2
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012214.D
Acq: 17 Jan 2023 11:06

Tgt Ion:152 Resp: 129384
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.3
150 154.7 0.0 342.6

