

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012443.D
 Acq On : 01 Feb 2023 15:39
 Operator : KP/MD
 Sample : 01386-05
 Misc : 7.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-6-013123

Quant Time: Feb 01 23:05:48 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	7.789	168	180036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	302776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	280572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	107927	74.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.460%
35) Dibromofluoromethane	7.716	113	91116	56.834	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.660%
50) Toluene-d8	10.179	98	356448	65.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.020%
62) 4-Bromofluorobenzene	12.483	95	107489	47.561	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.120%

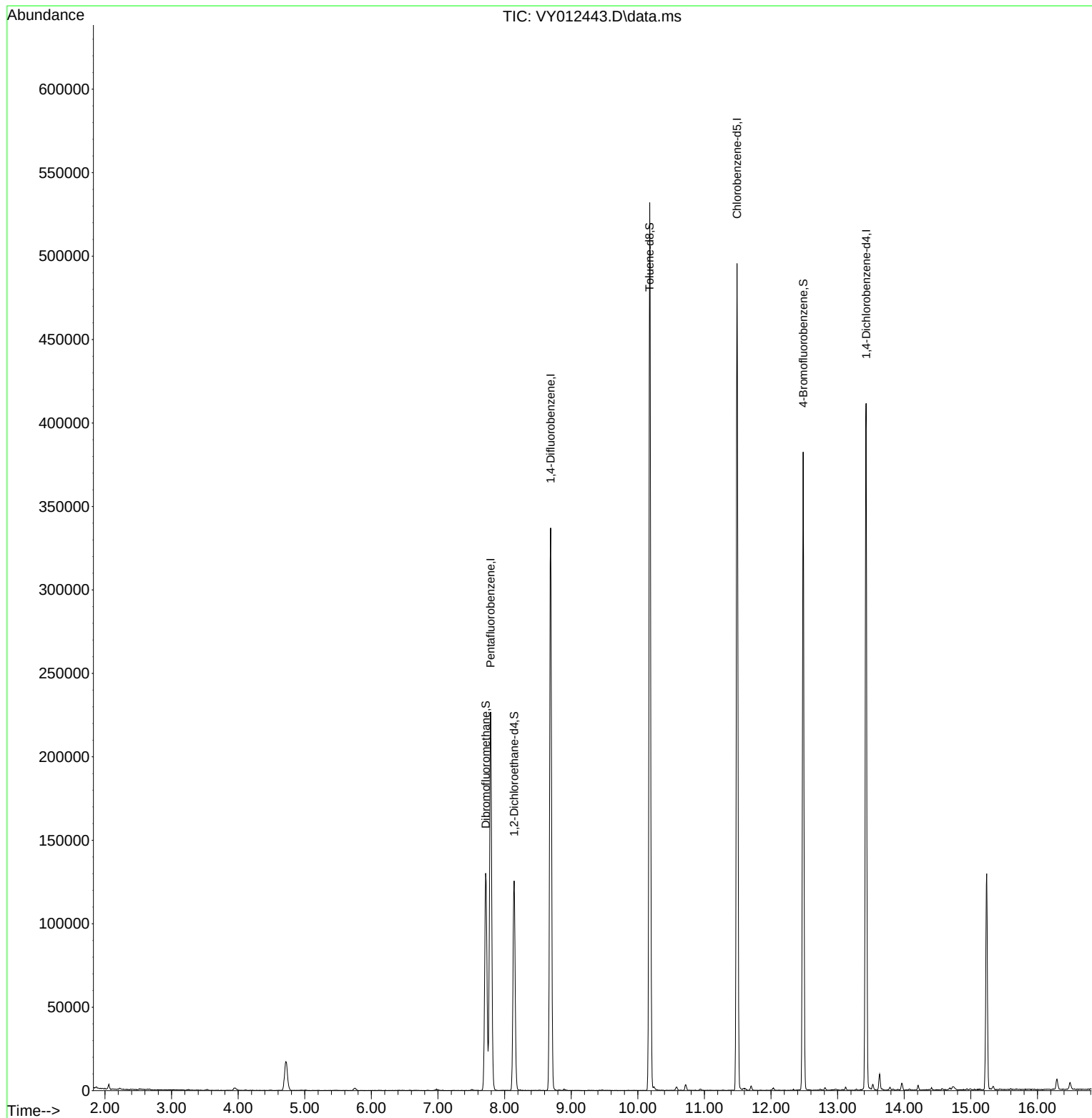
Target Compounds	Qvalue

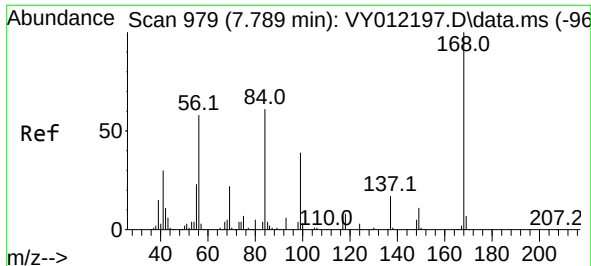
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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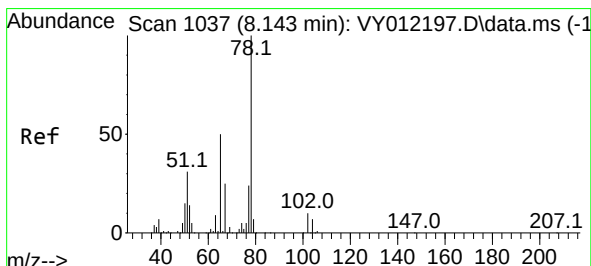
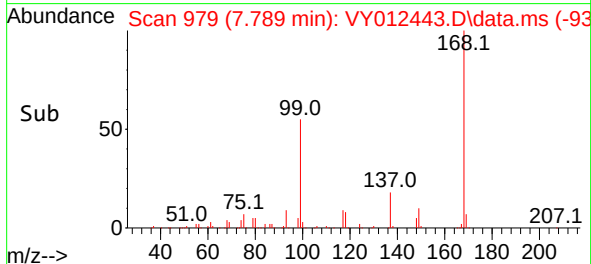
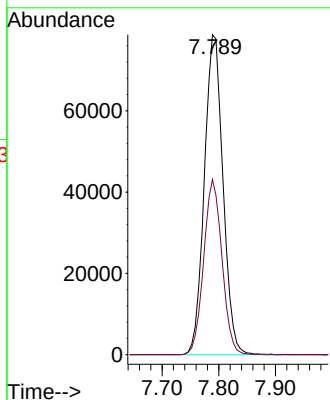
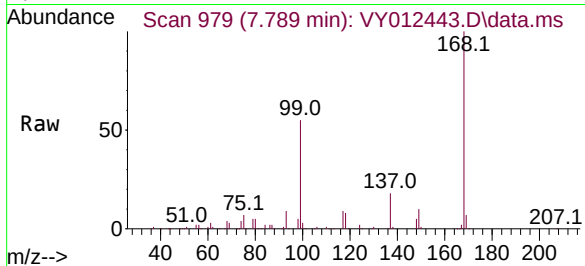




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012443.D
Acq: 01 Feb 2023 15:39

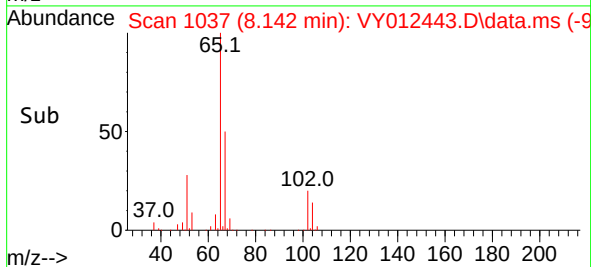
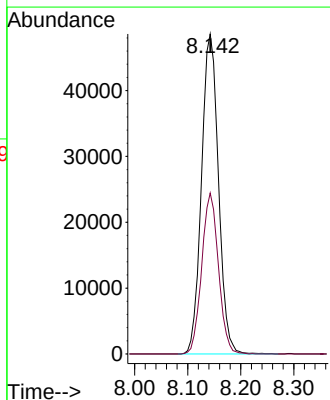
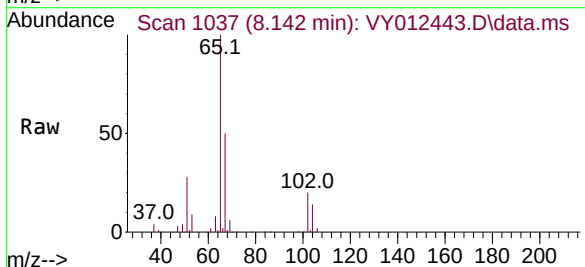
Instrument :
MSVOA_Y
ClientSampleId :
JPP-6-013123

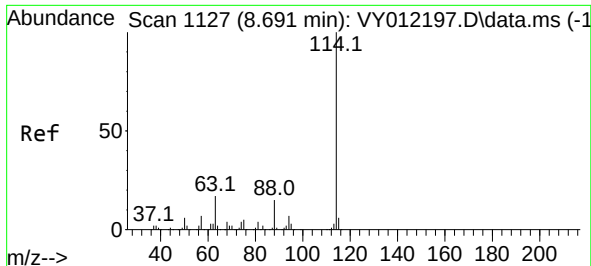
Tgt Ion:168 Resp: 180036
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 74.228 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012443.D
Acq: 01 Feb 2023 15:39

Tgt Ion: 65 Resp: 107927
Ion Ratio Lower Upper
65 100
67 49.6 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: VY012443.D

Acq: 01 Feb 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

JPP-6-013123

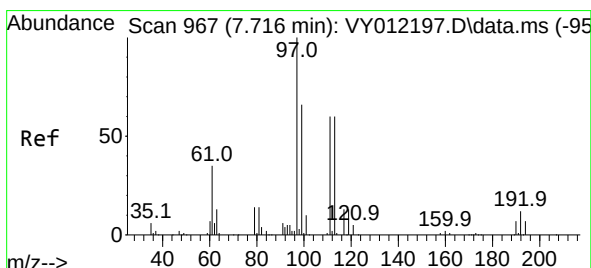
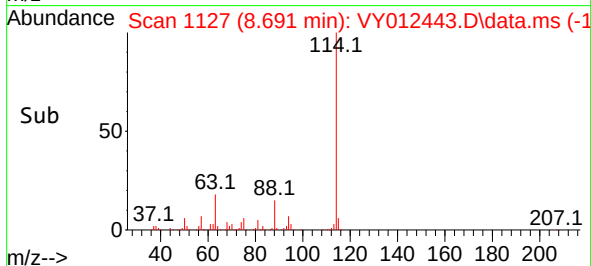
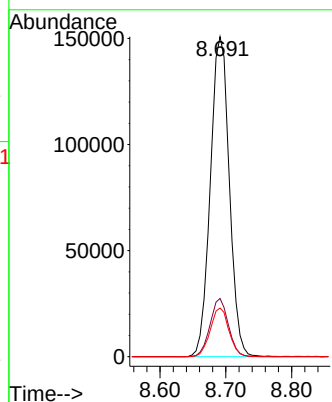
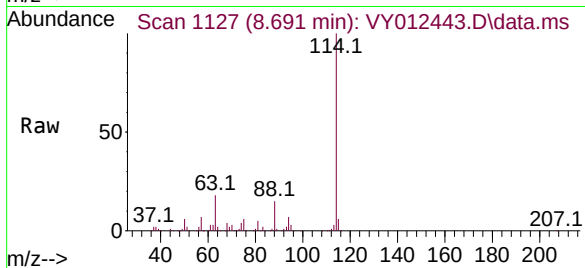
Tgt Ion:114 Resp: 302776

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.834 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012443.D

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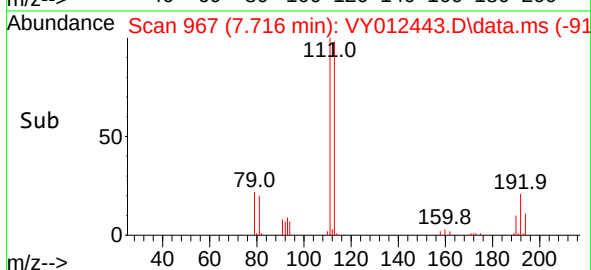
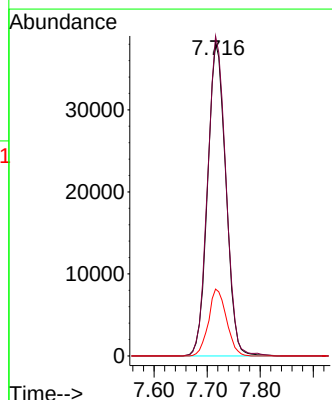
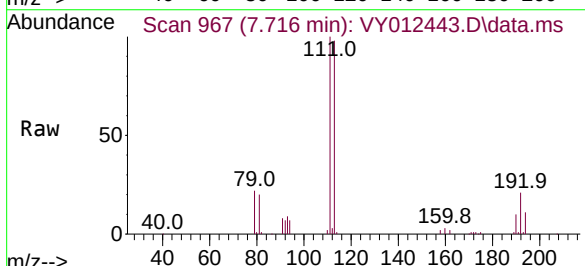
Tgt Ion:113 Resp: 91116

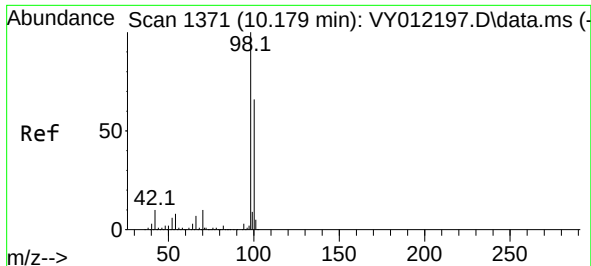
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 21.1 16.0 24.0

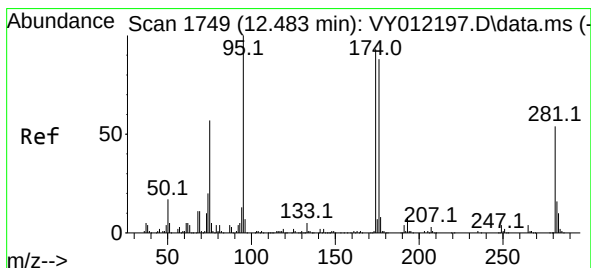
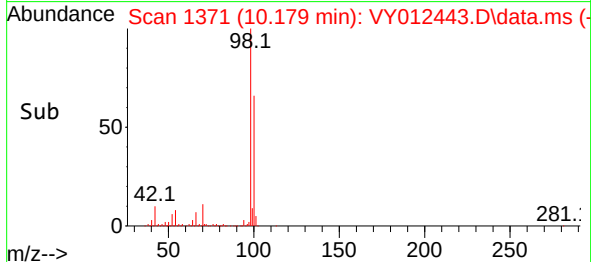
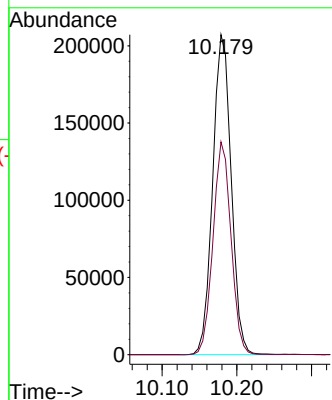
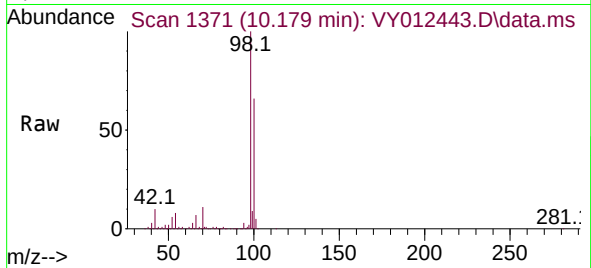




#50
Toluene-d8
Concen: 65.513 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012443.D
Acq: 01 Feb 2023 15:39

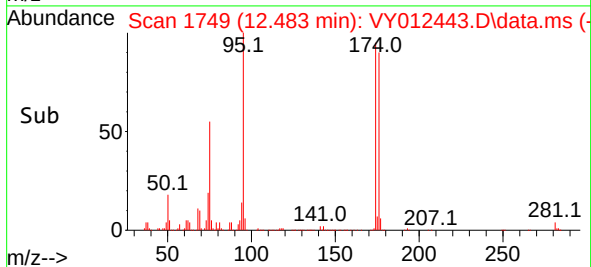
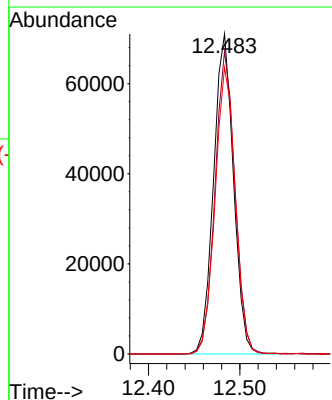
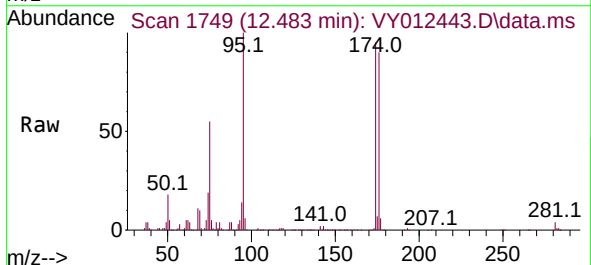
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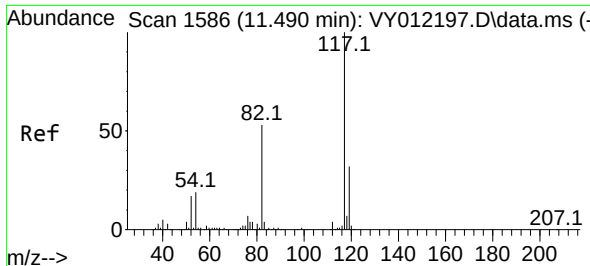
Tgt Ion: 98 Resp: 356448
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.561 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012443.D
Acq: 01 Feb 2023 15:39

Tgt Ion: 95 Resp: 107489
Ion Ratio Lower Upper
95 100
174 94.8 0.0 172.0
176 91.3 0.0 167.6

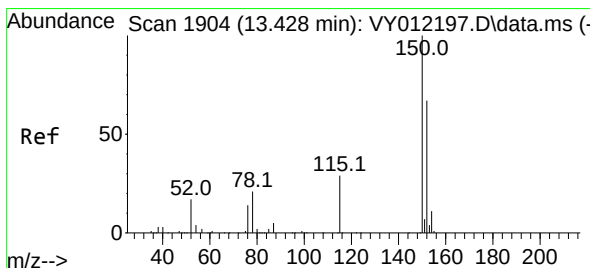
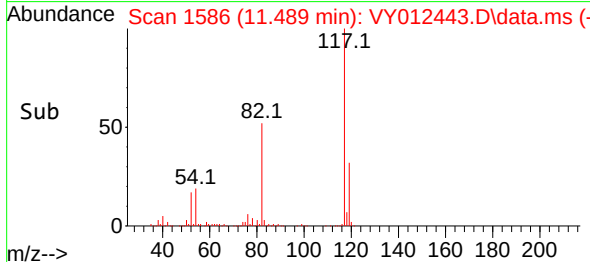
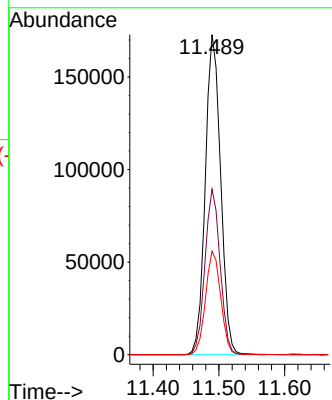
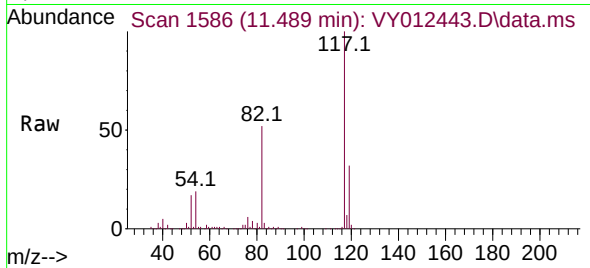




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012443.D
Acq: 01 Feb 2023 15:39

Instrument :
MSVOA_Y
ClientSampleId :
JPP-6-013123

Tgt Ion:117 Resp: 280572
Ion Ratio Lower Upper
117 100
82 51.7 44.8 67.2
119 32.4 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: VY012443.D
Acq: 01 Feb 2023 15:39

Tgt Ion:152 Resp: 112702
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.3
150 157.4 0.0 342.6

