

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012832.D
 Acq On : 06 Mar 2023 18:29
 Operator : KP/MD
 Sample : 01787-03
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Mar 07 04:27:24 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	61384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	105706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	100932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	49482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45782	75.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.240%
35) Dibromofluoromethane	7.716	113	42863	67.190	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.380%
50) Toluene-d8	10.179	98	138566	59.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.840%
62) 4-Bromofluorobenzene	12.483	95	44171	56.114	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.220%

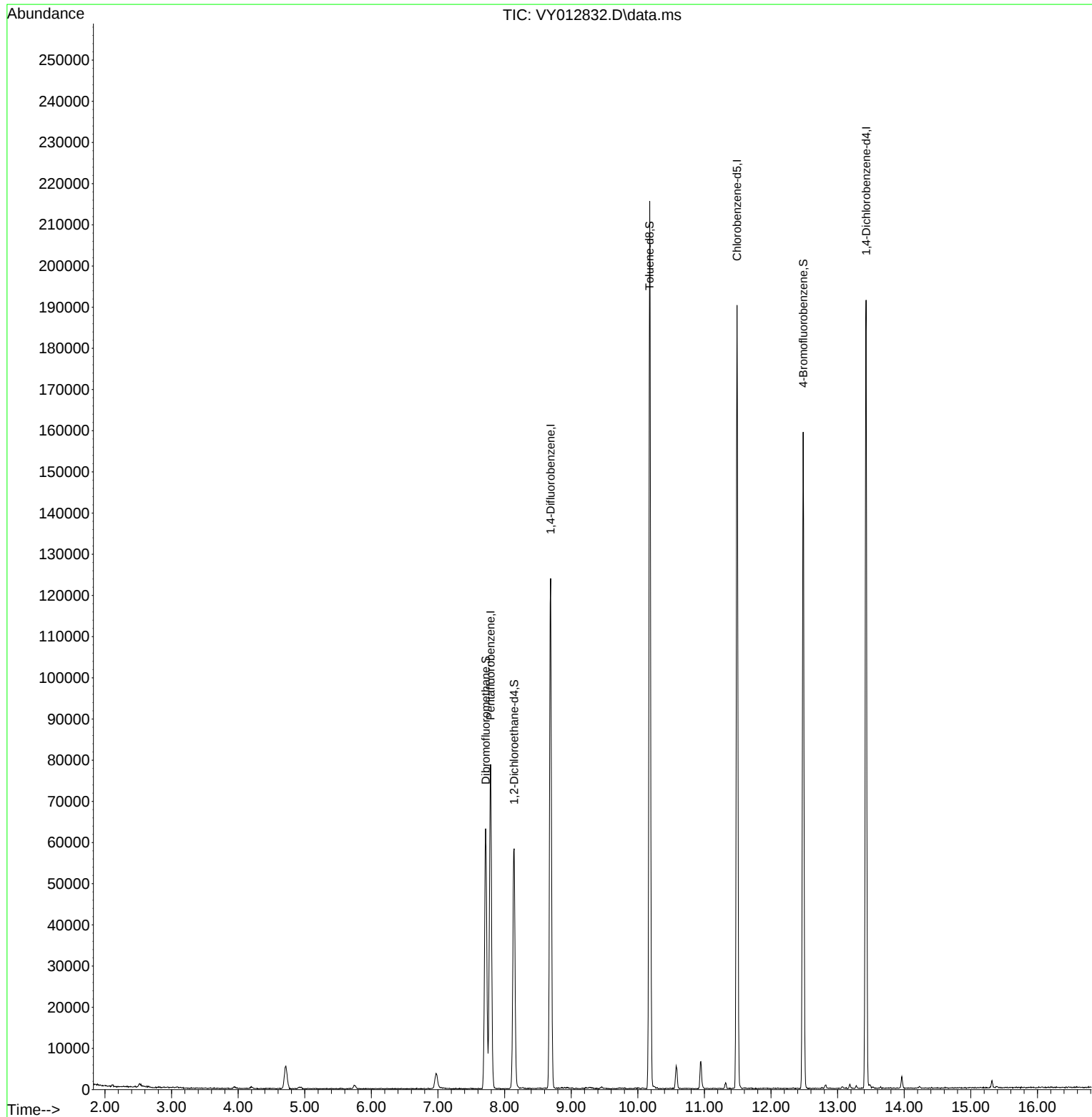
Target Compounds	Qvalue

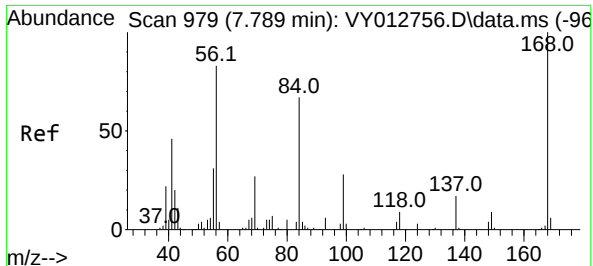
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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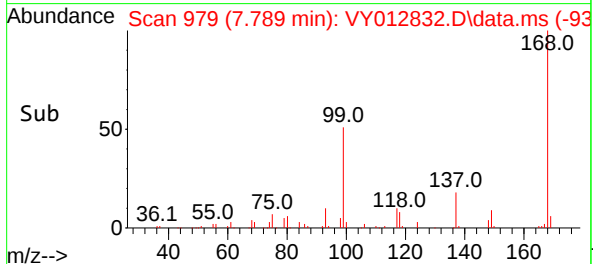
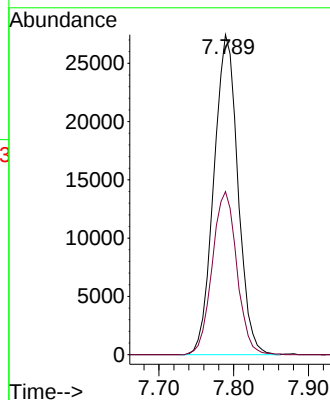
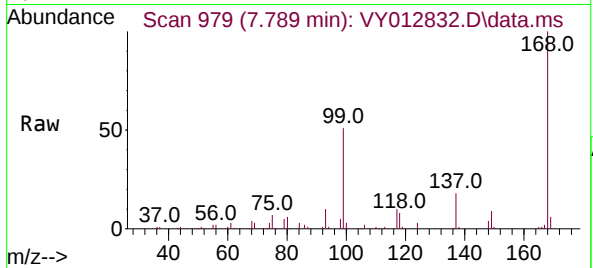




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012832.D
Acq: 06 Mar 2023 18:29

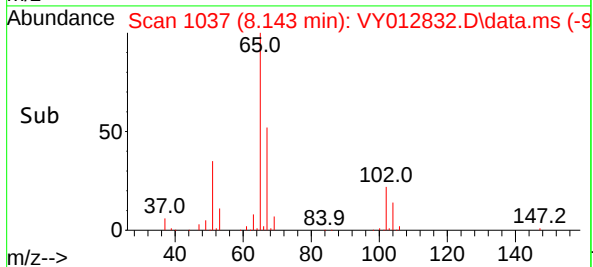
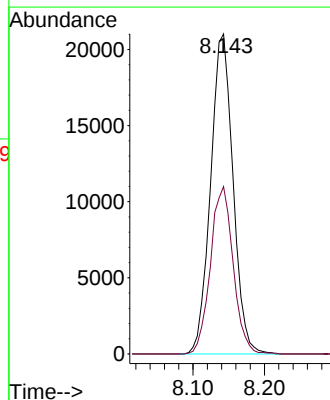
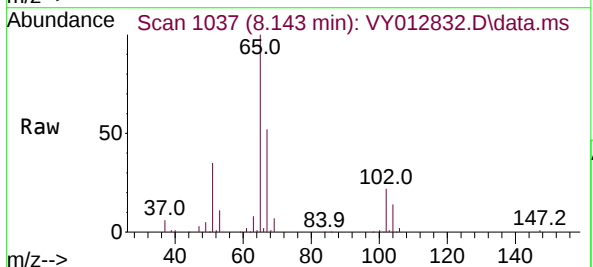
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

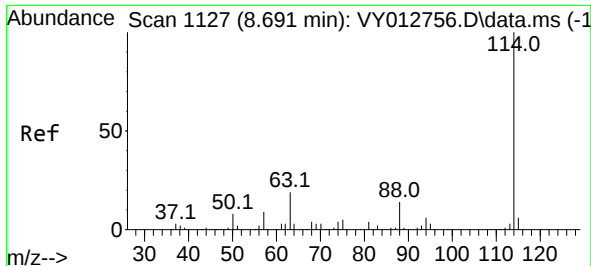
Tgt Ion:168 Resp: 61384
Ion Ratio Lower Upper
168 100
99 51.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 75.119 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012832.D
Acq: 06 Mar 2023 18:29

Tgt Ion: 65 Resp: 45782
Ion Ratio Lower Upper
65 100
67 53.0 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: VY012832.D

Acq: 06 Mar 2023 18:29

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

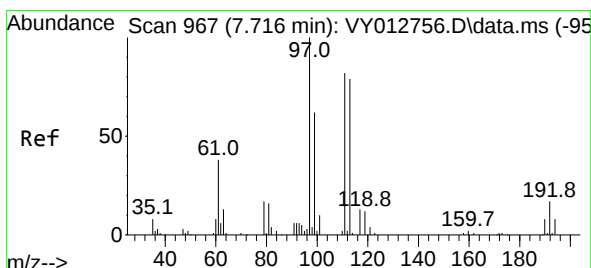
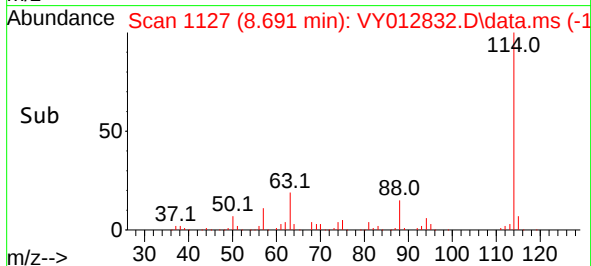
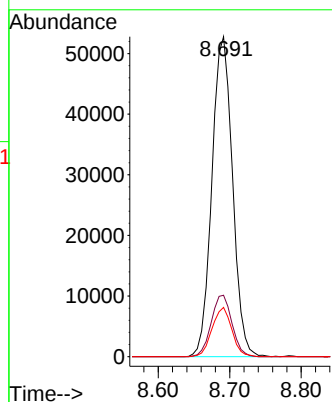
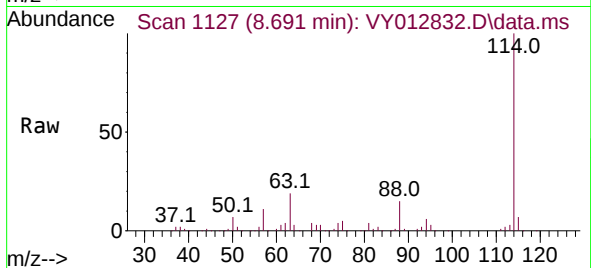
Tgt Ion:114 Resp: 105706

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 15.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 67.190 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012832.D

Acq: 06 Mar 2023 18:29

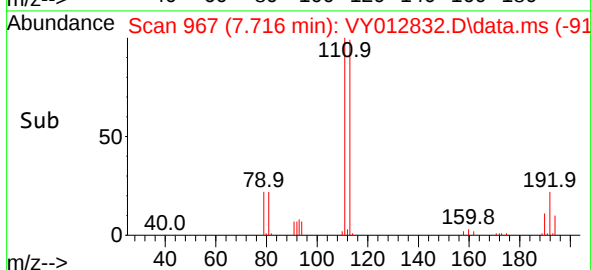
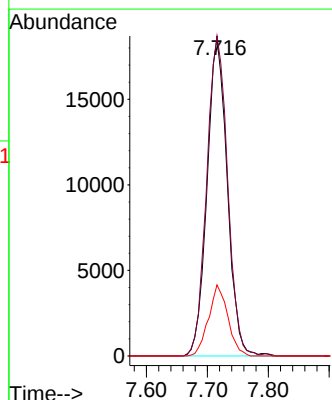
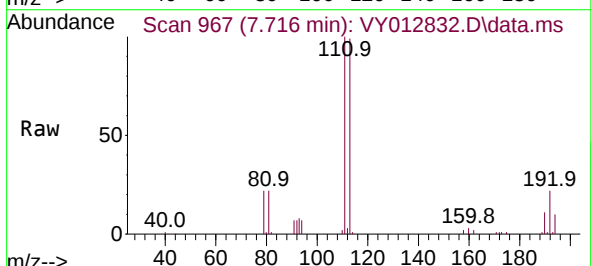
Tgt Ion:113 Resp: 42863

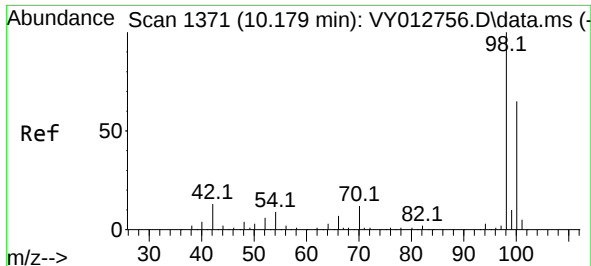
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

192 21.4 16.8 25.2

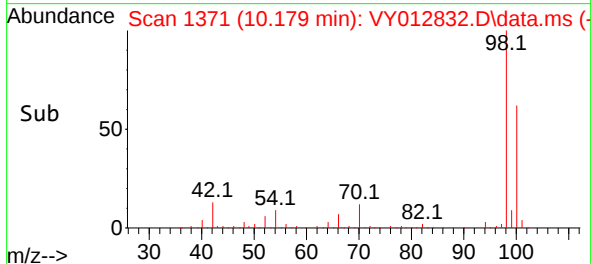
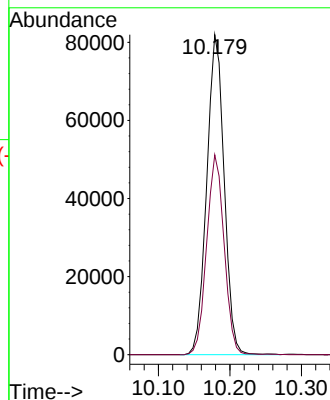
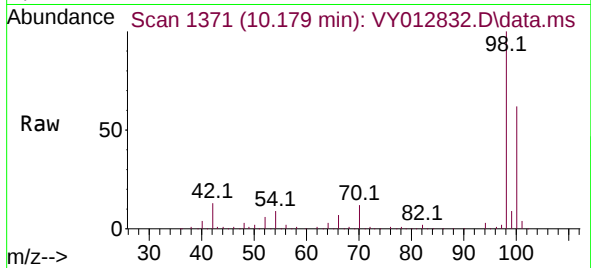




#50
Toluene-d8
Concen: 59.415 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012832.D
Acq: 06 Mar 2023 18:29

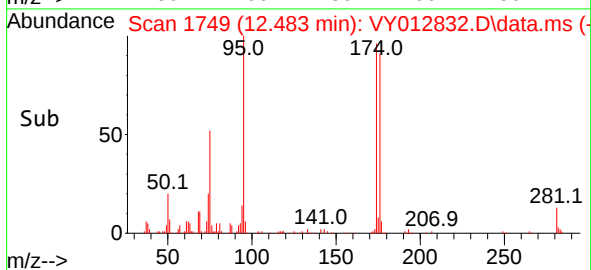
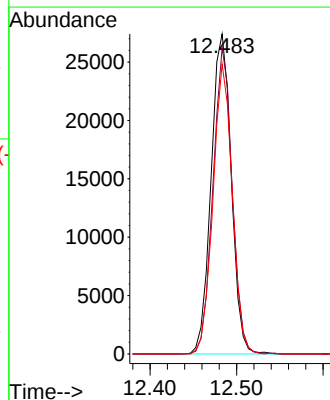
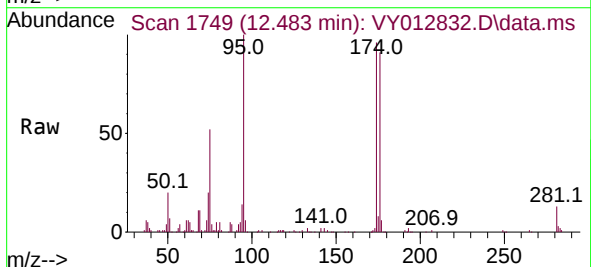
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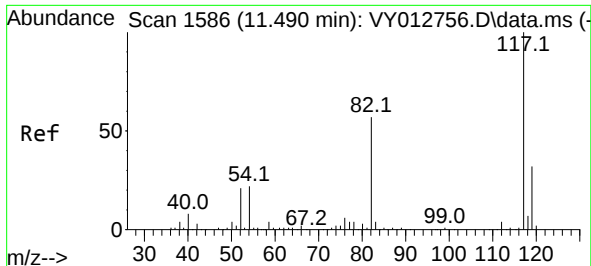
Tgt Ion: 98 Resp: 138566
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 56.114 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012832.D
Acq: 06 Mar 2023 18:29

Tgt Ion: 95 Resp: 44171
Ion Ratio Lower Upper
95 100
174 91.6 0.0 176.6
176 87.1 0.0 170.2

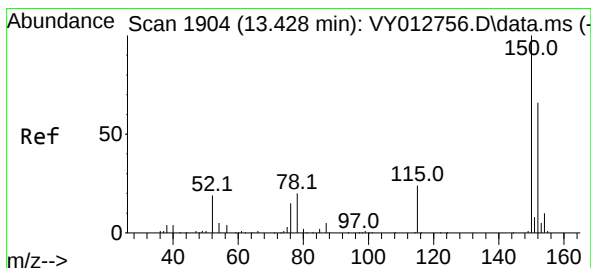
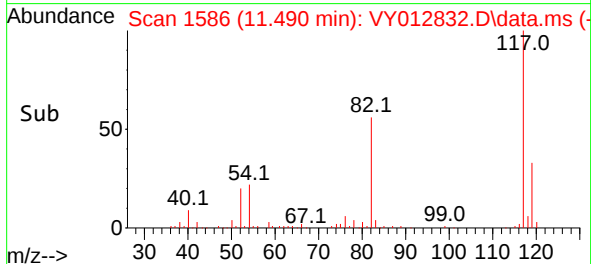
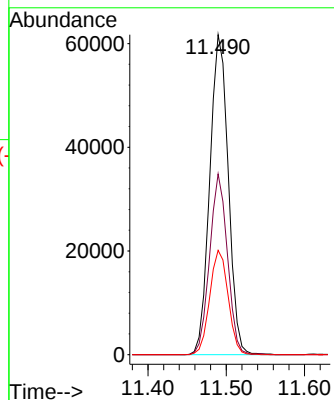
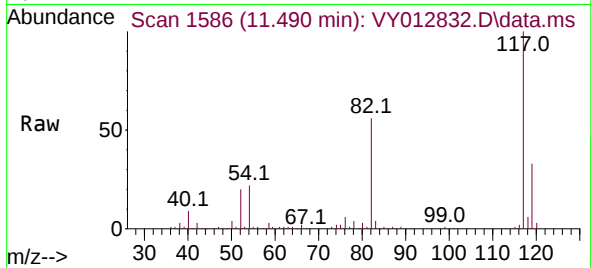




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012832.D
Acq: 06 Mar 2023 18:29

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:117 Resp: 100932
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 32.6 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: VY012832.D
Acq: 06 Mar 2023 18:29

Tgt Ion:152 Resp: 49482
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 159.3 0.0 347.8

