

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013121.D
 Acq On : 28 Mar 2023 16:58
 Operator : KP/MD
 Sample : 02108-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-235

Quant Time: Mar 29 02:30:56 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	18452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	28995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	26033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9816	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11872	64.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.600%
35) Dibromofluoromethane	7.722	113	11532	65.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.800%
50) Toluene-d8	10.179	98	34791	54.386	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.780%
62) 4-Bromofluorobenzene	12.483	95	9013	41.743	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.480%

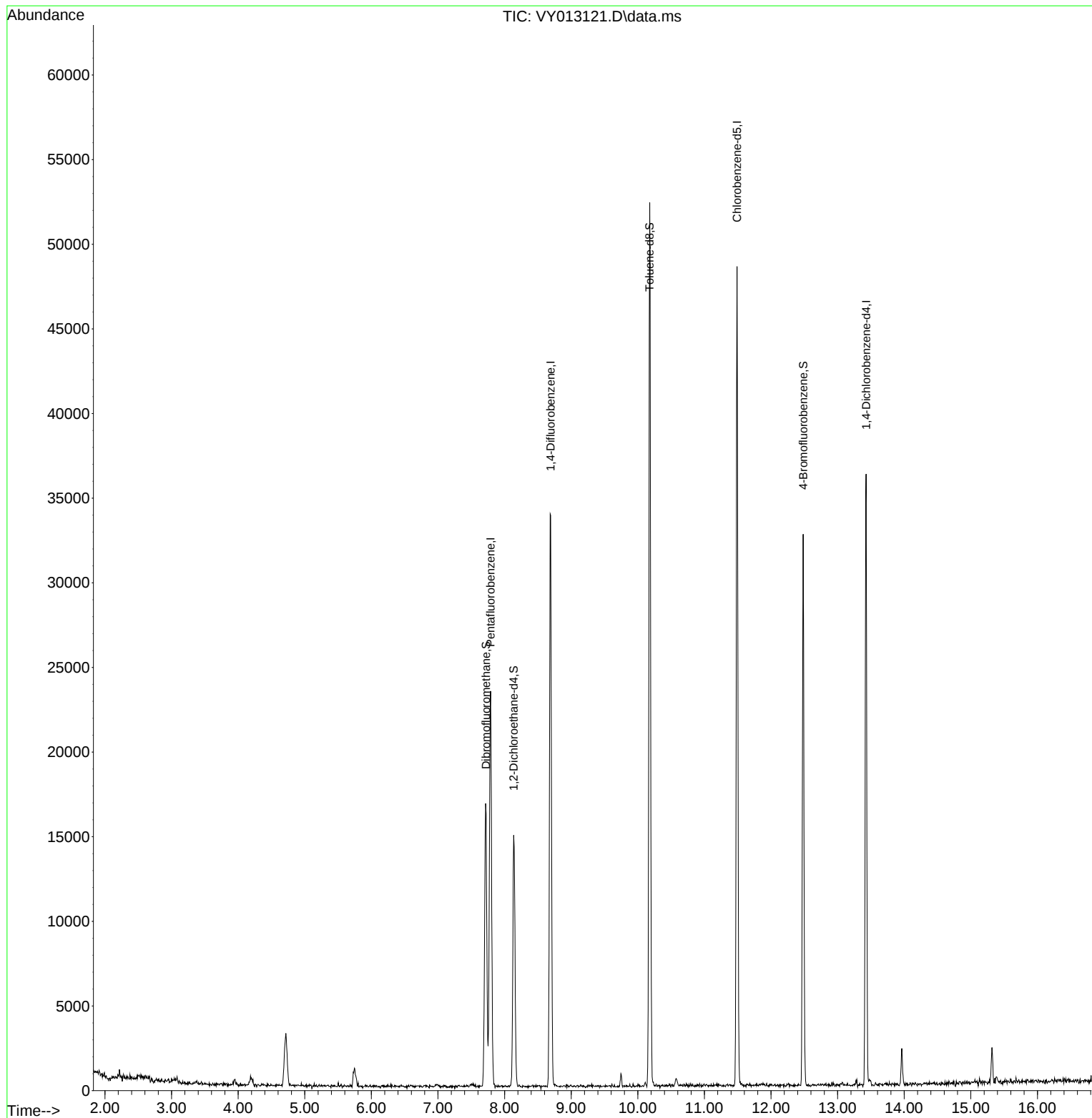
Target Compounds	Qvalue

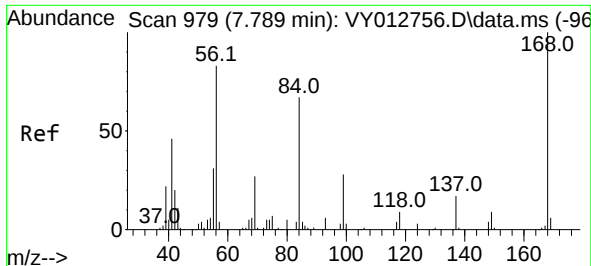
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
Data File : VY013121.D
Acq On : 28 Mar 2023 16:58
Operator : KP/MD
Sample : 02108-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

Quant Time: Mar 29 02:30:56 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

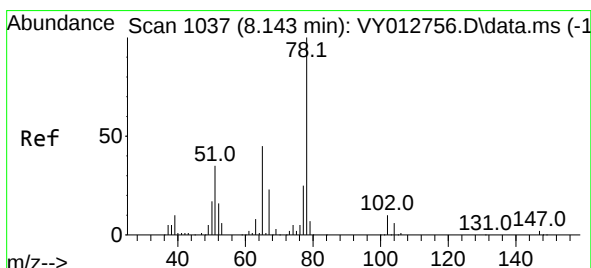
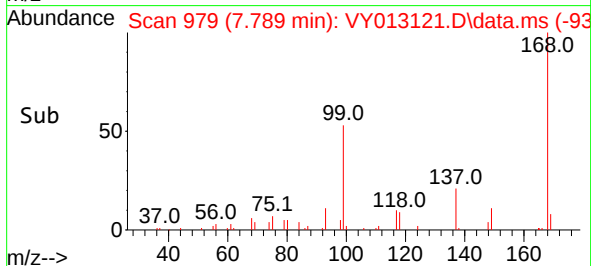
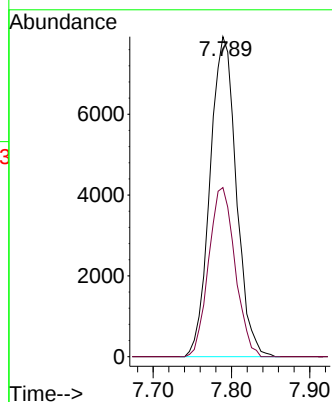
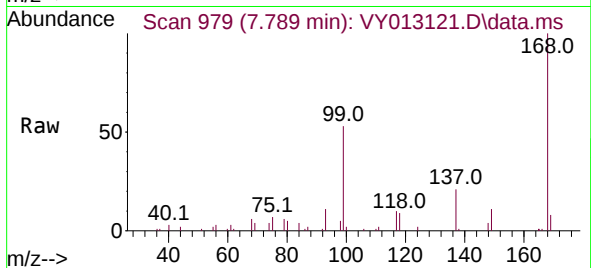




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013121.D
Acq: 28 Mar 2023 16:58

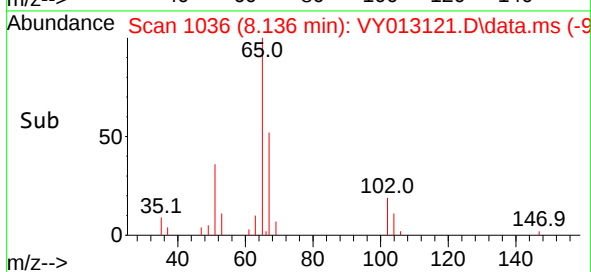
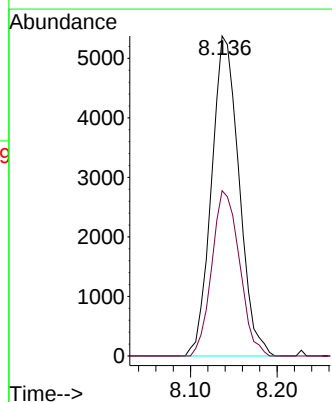
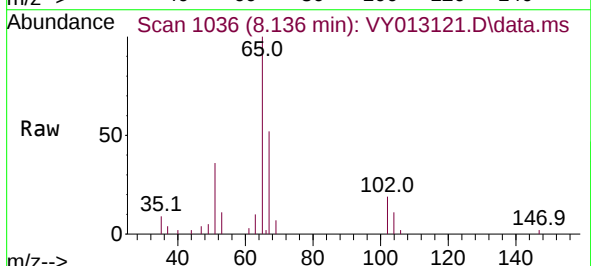
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

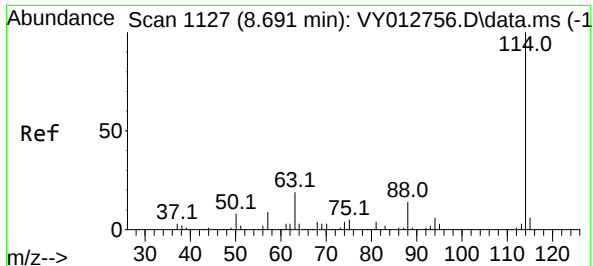
Tgt Ion:168 Resp: 18452
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 64.802 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013121.D
Acq: 28 Mar 2023 16:58

Tgt Ion: 65 Resp: 11872
Ion Ratio Lower Upper
65 100
67 51.8 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: VY013121.D

Acq: 28 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-235

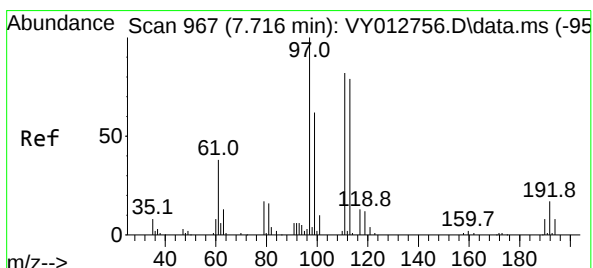
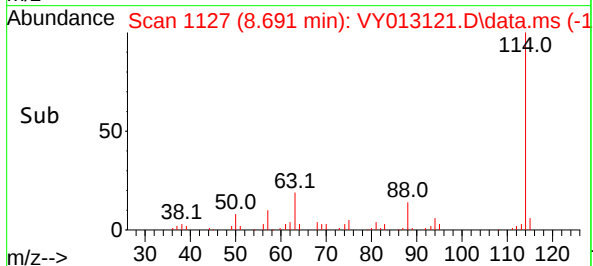
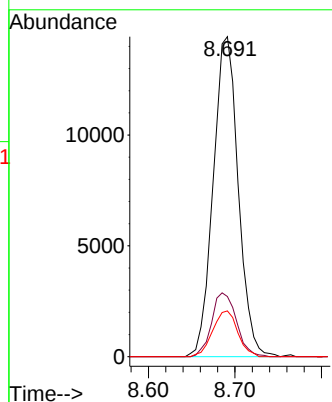
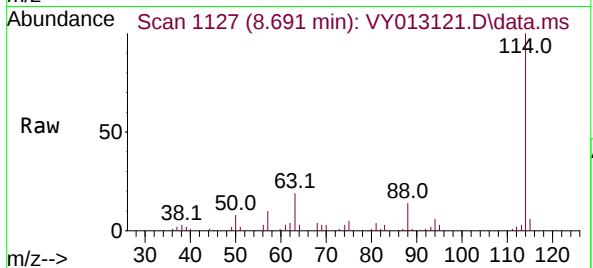
Tgt Ion:114 Resp: 28995

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 14.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 65.903 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013121.D

Acq: 28 Mar 2023 16:58

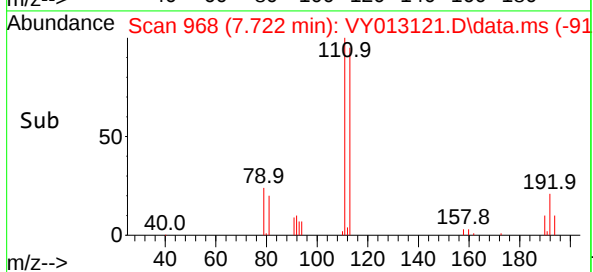
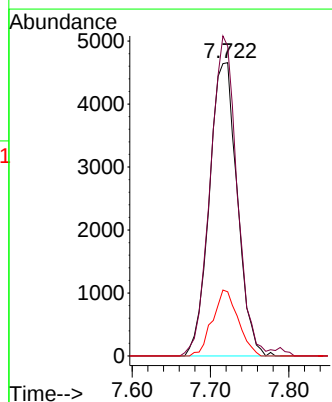
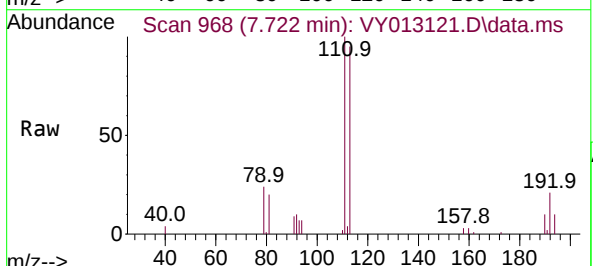
Tgt Ion:113 Resp: 11532

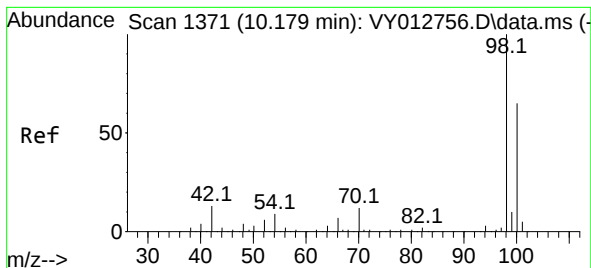
Ion Ratio Lower Upper

113 100

111 105.2 82.2 123.2

192 20.7 16.8 25.2





#50

Toluene-d8

Concen: 54.386 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013121.D

Acq: 28 Mar 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

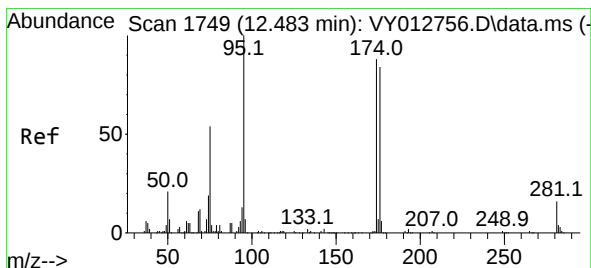
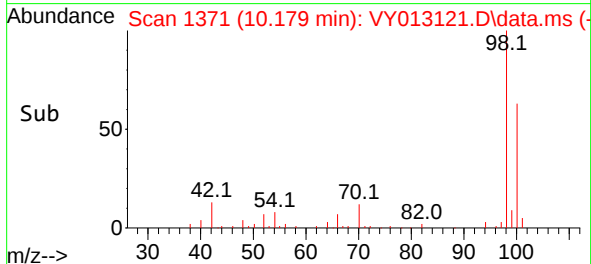
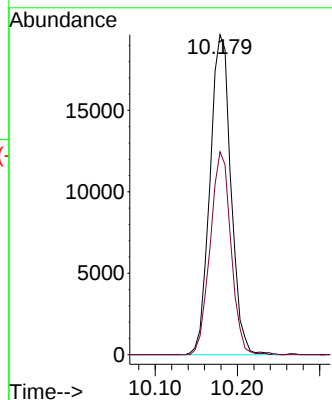
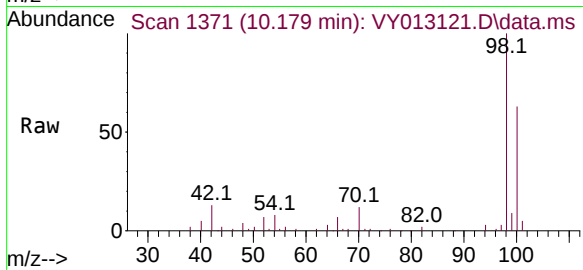
VNJ-235

Tgt Ion: 98 Resp: 34791

Ion Ratio Lower Upper

98 100

100 62.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 41.743 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013121.D

Acq: 28 Mar 2023 16:58

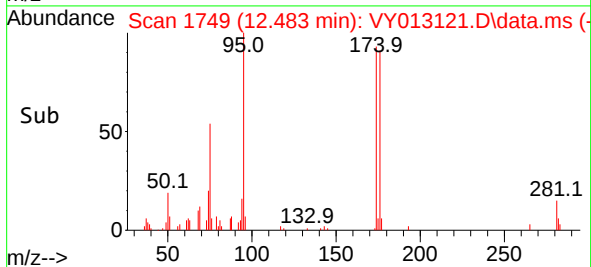
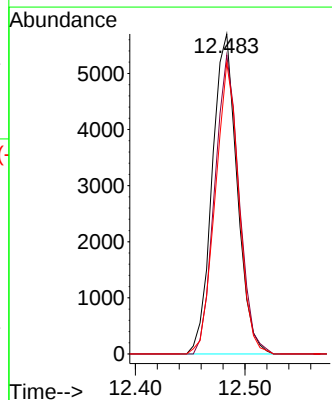
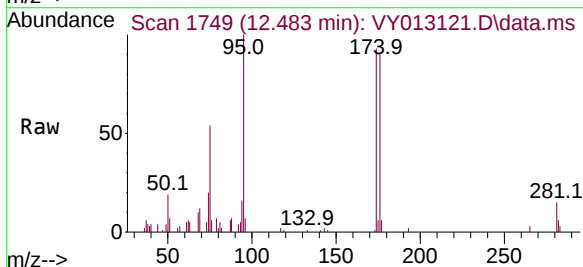
Tgt Ion: 95 Resp: 9013

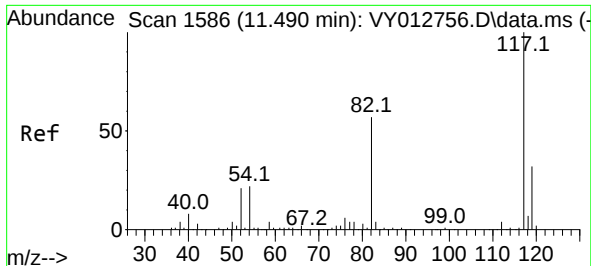
Ion Ratio Lower Upper

95 100

174 90.8 0.0 176.6

176 86.3 0.0 170.2

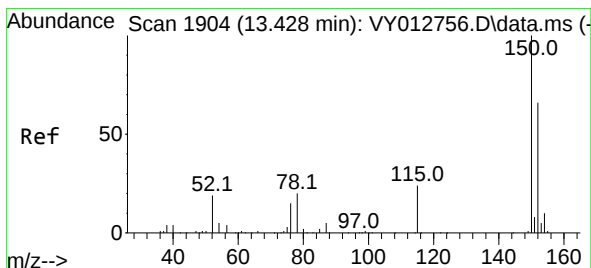
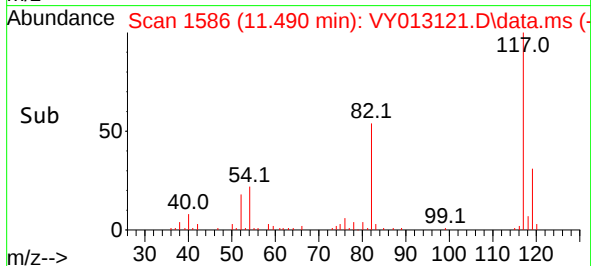
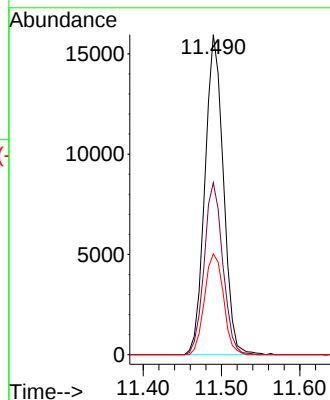
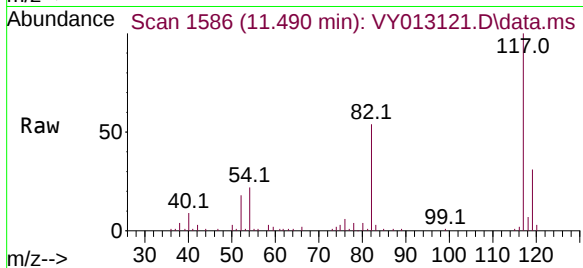




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013121.D
Acq: 28 Mar 2023 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

Tgt Ion:117 Resp: 26033
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.0
119 31.5 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: VY013121.D
Acq: 28 Mar 2023 16:58

Tgt Ion:152 Resp: 9816
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 155.7 0.0 347.8

