

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011838.D
 Acq On : 14 Dec 2022 12:32
 Operator : KP/MD
 Sample : N6046-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-121322

Quant Time: Dec 15 01:18:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	55147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	90307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	76142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	27109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	24423	66.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.960%
35) Dibromofluoromethane	7.716	113	25454	64.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.140%
50) Toluene-d8	10.179	98	60991	45.808	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.483	95	25538	48.653	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.300%

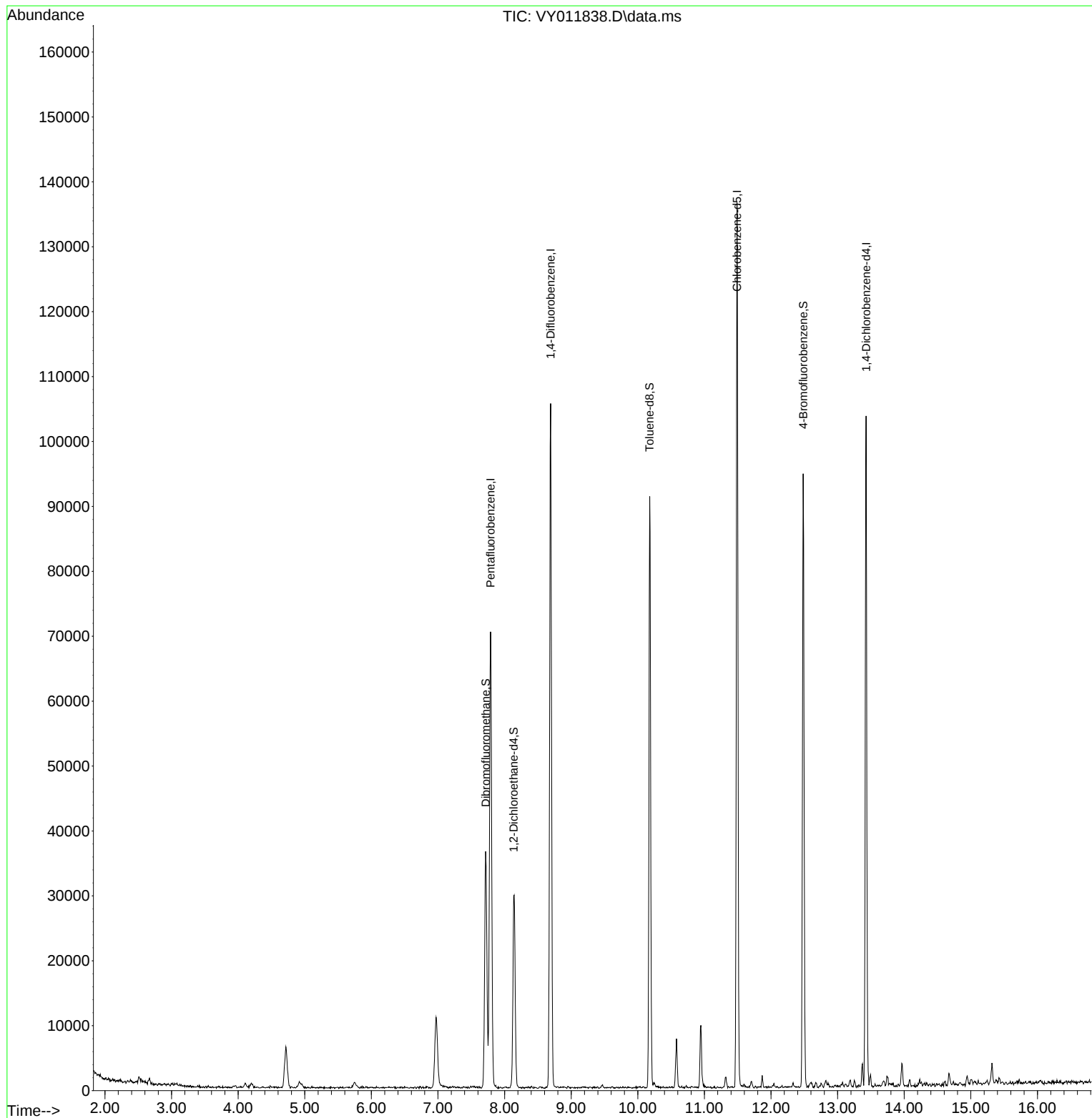
Target Compounds	Qvalue

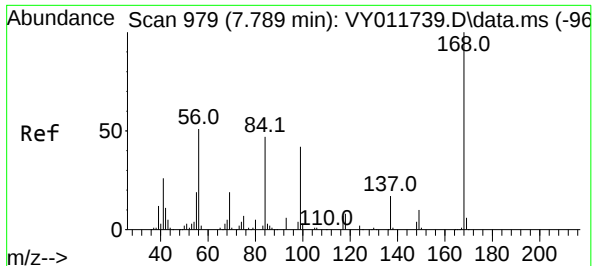
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
Data File : VY011838.D
Acq On : 14 Dec 2022 12:32
Operator : KP/MD
Sample : N6046-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-121322

Quant Time: Dec 15 01:18:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

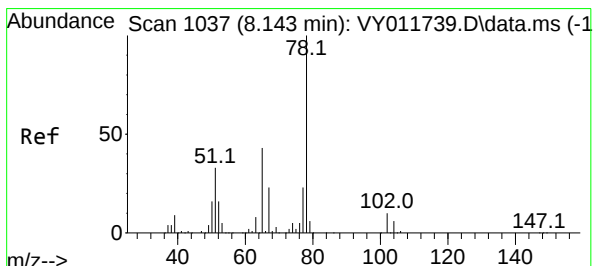
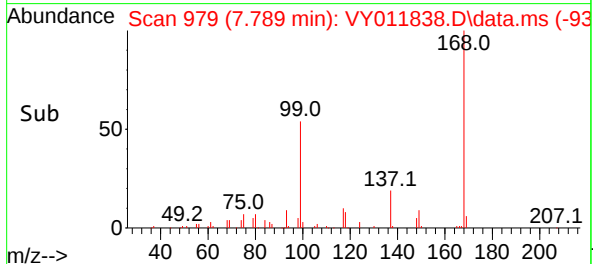
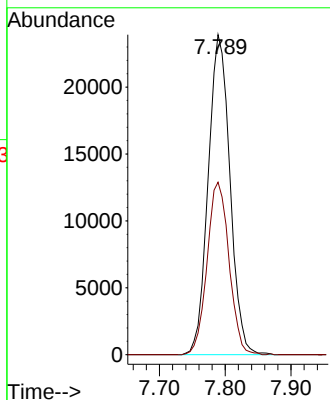
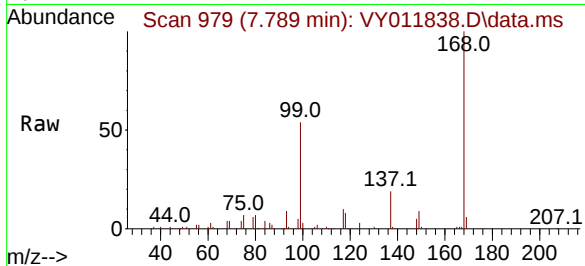




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011838.D
Acq: 14 Dec 2022 12:32

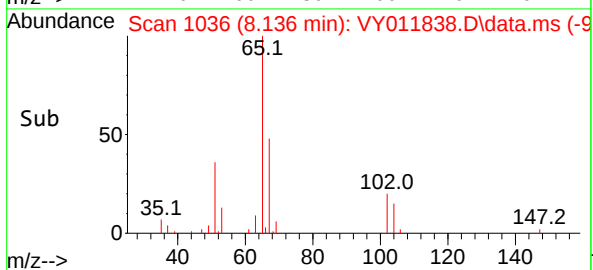
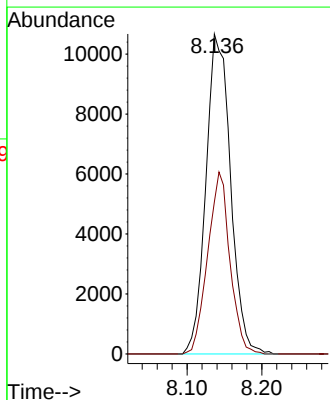
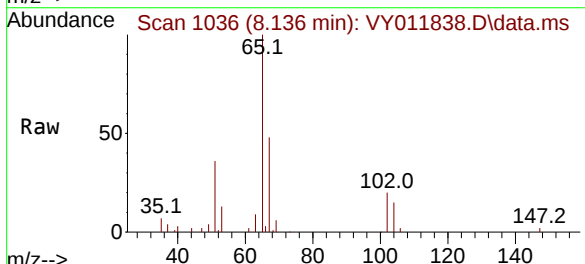
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-121322

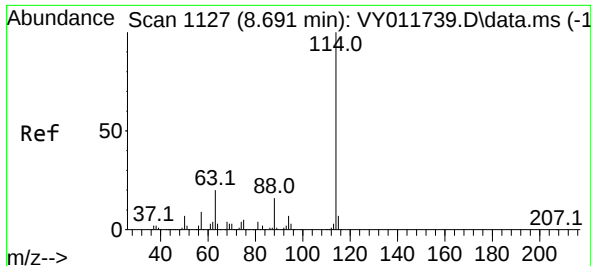
Tgt Ion:168 Resp: 55147
Ion Ratio Lower Upper
168 100
99 53.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 66.480 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011838.D
Acq: 14 Dec 2022 12:32

Tgt Ion: 65 Resp: 24423
Ion Ratio Lower Upper
65 100
67 51.3 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: VY011838.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-121322

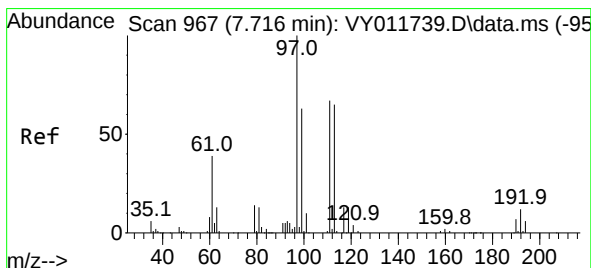
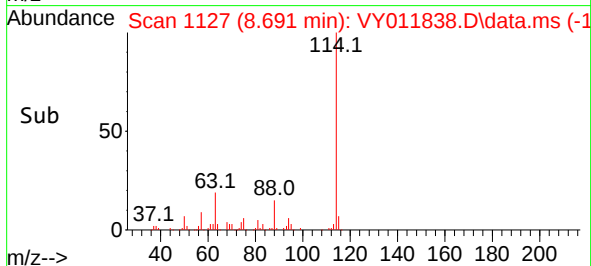
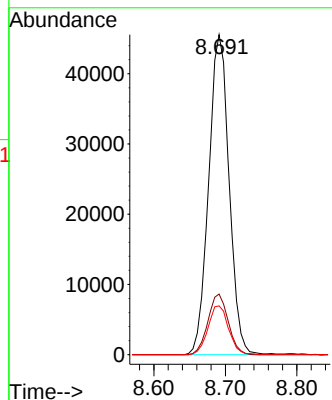
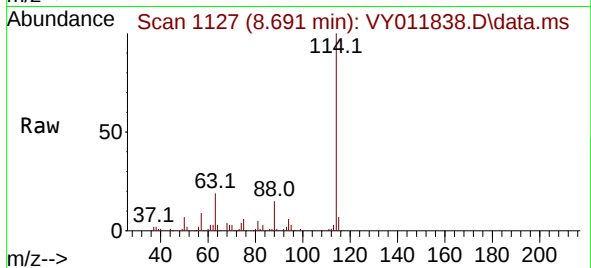
Tgt Ion:114 Resp: 90307

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 64.574 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011838.D

Acq: 14 Dec 2022 12:32

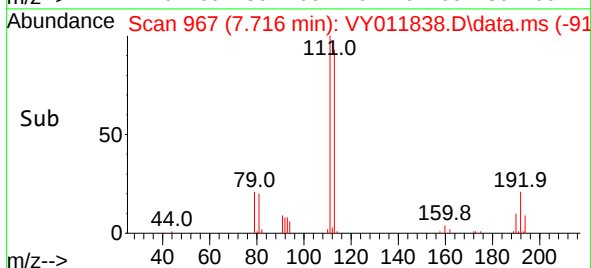
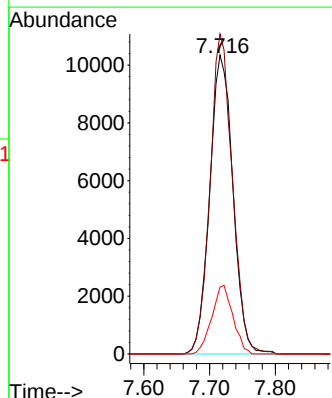
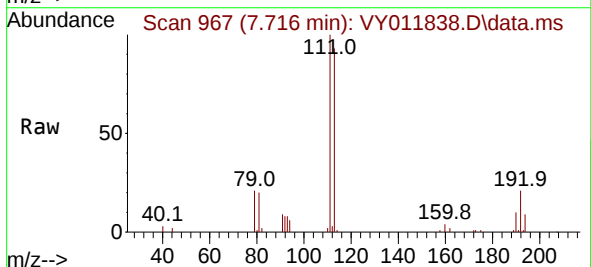
Tgt Ion:113 Resp: 25454

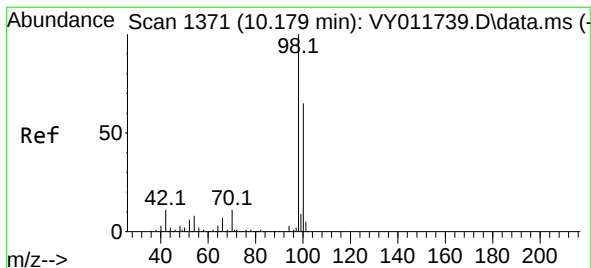
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

192 20.9 16.0 24.0





#50

Toluene-d8

Concen: 45.808 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011838.D

Acq: 14 Dec 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

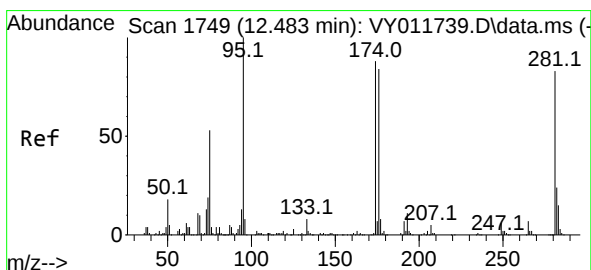
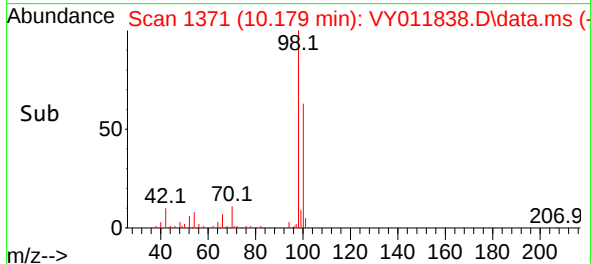
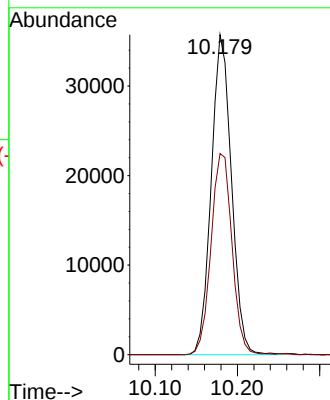
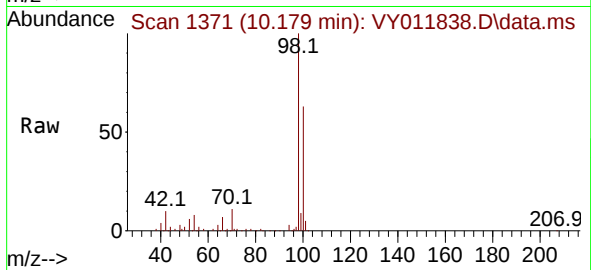
HR-02-121322

Tgt Ion: 98 Resp: 60991

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 48.653 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011838.D

Acq: 14 Dec 2022 12:32

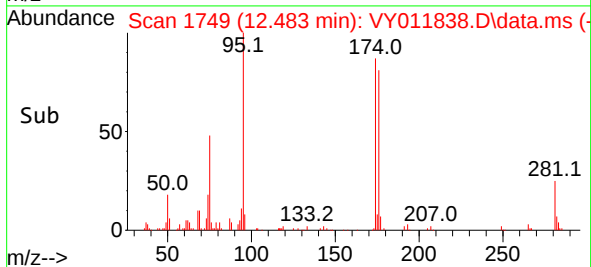
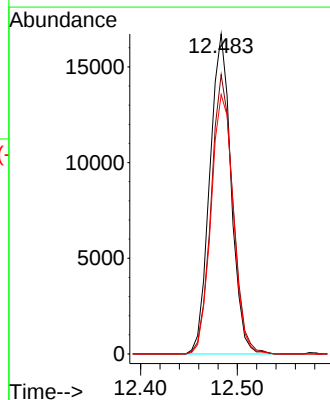
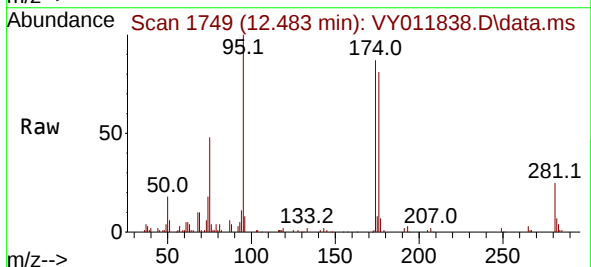
Tgt Ion: 95 Resp: 25538

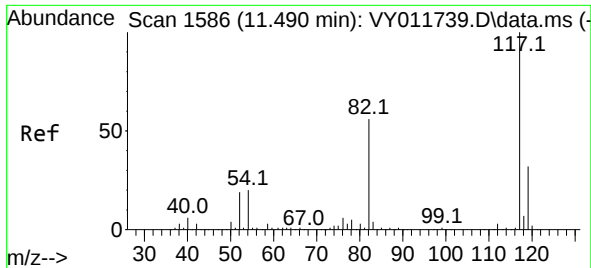
Ion Ratio Lower Upper

95 100

174 89.3 0.0 172.0

176 84.6 0.0 167.6

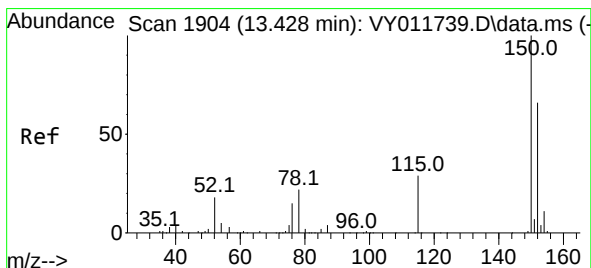
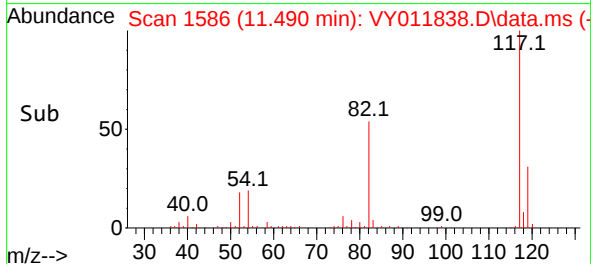
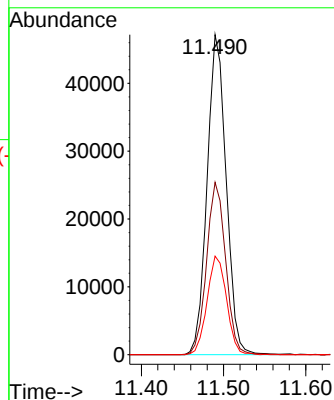
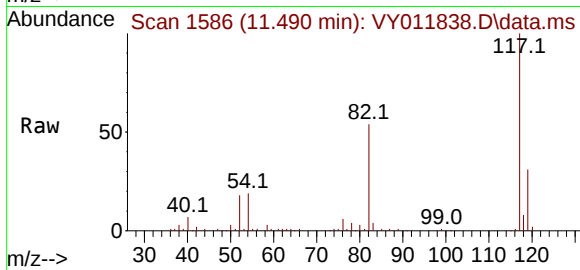




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011838.D
Acq: 14 Dec 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-121322

Tgt Ion:	117	Resp:	76142
Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.8	67.2
119	30.8	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011838.D
Acq: 14 Dec 2022 12:32

Tgt Ion:	152	Resp:	27109
Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.1	87.3
150	158.2	0.0	342.6

