

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008356.D
 Acq On : 15 Apr 2022 17:12
 Operator : KP/MD
 Sample : N2432-04
 Misc : 4.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2105

Quant Time: Apr 16 04:59:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	99755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79283	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58545	62.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.960%
35) Dibromofluoromethane	7.716	113	57859	55.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.220%
50) Toluene-d8	10.179	98	220580	61.952	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.900%
62) 4-Bromofluorobenzene	12.483	95	87220	65.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.260%

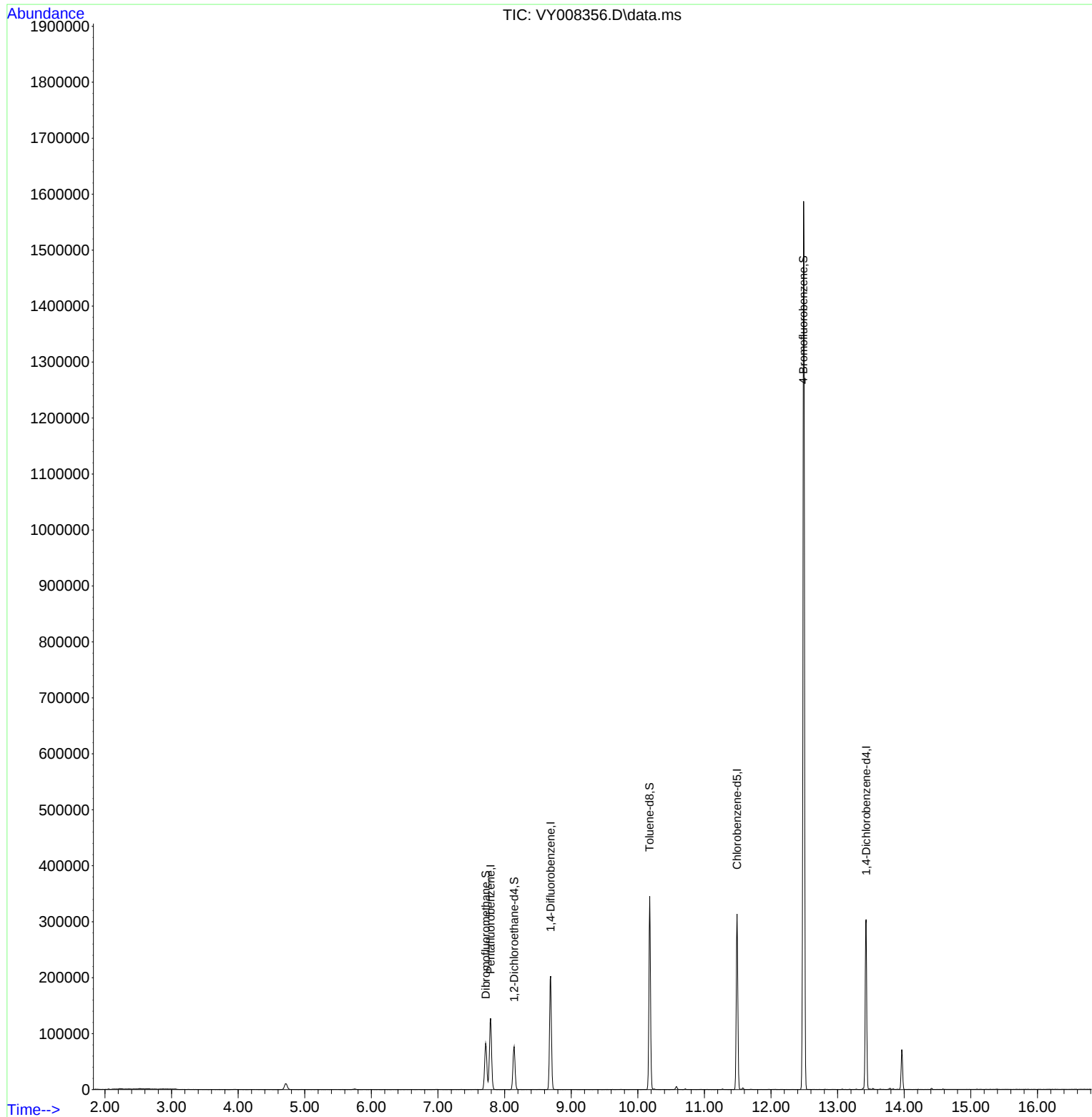
Target Compounds	Qvalue

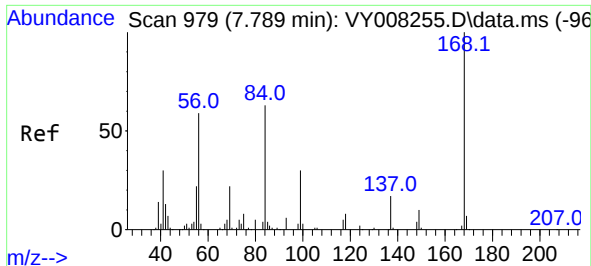
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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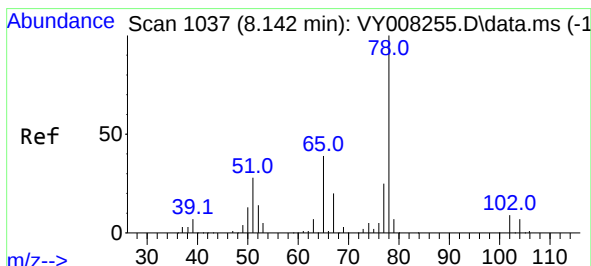
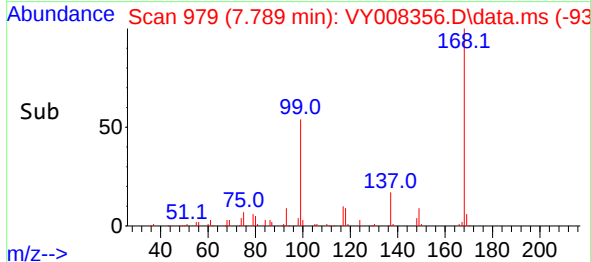
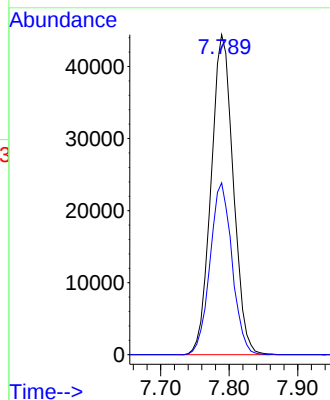
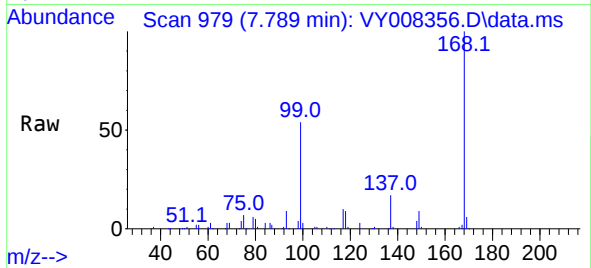




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

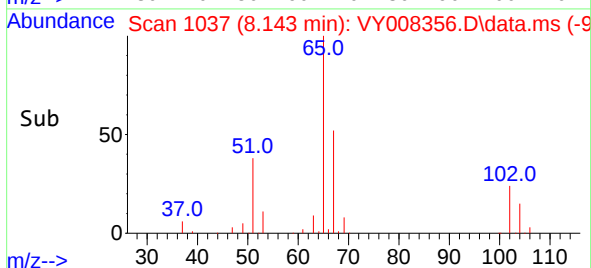
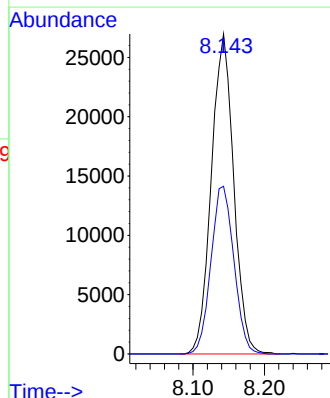
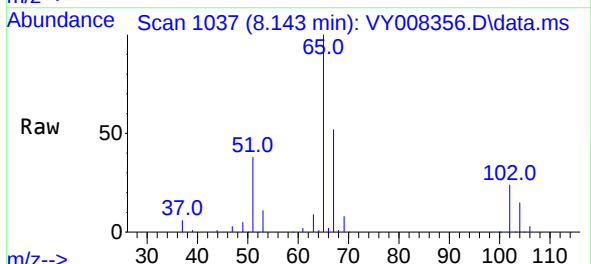
Instrument :
MSVOA_Y
ClientSampleId :
SB-2105

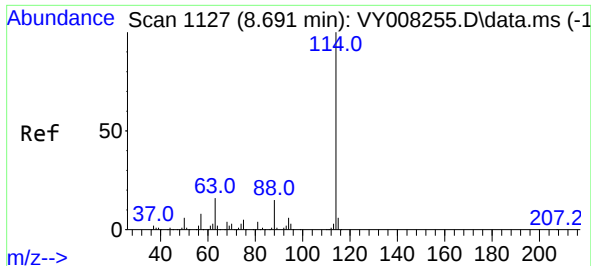
Tgt Ion:168 Resp: 99755
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.480 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

Tgt Ion: 65 Resp: 58545
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008356.D

Acq: 15 Apr 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

SB-2105

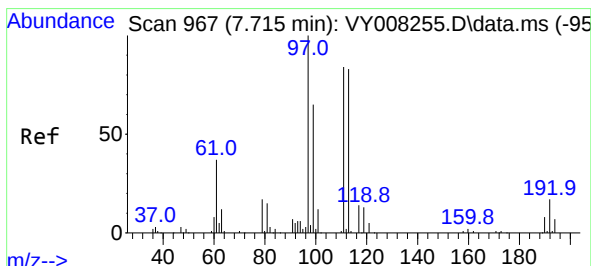
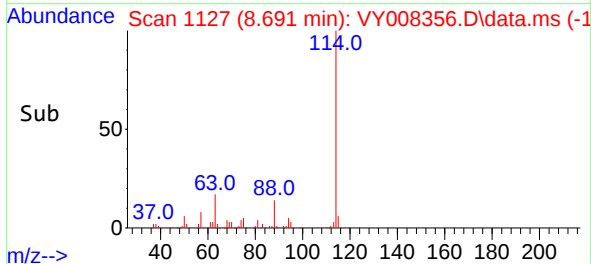
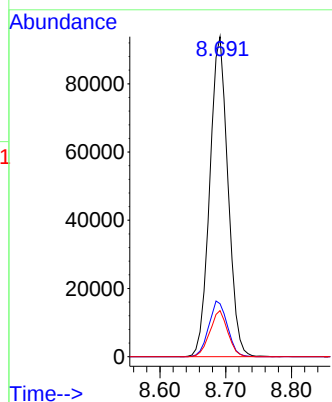
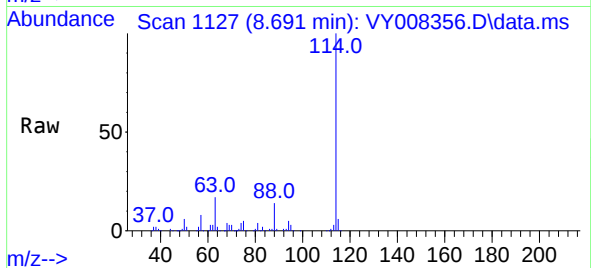
Tgt Ion:114 Resp: 180153

Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.605 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008356.D

Acq: 15 Apr 2022 17:12

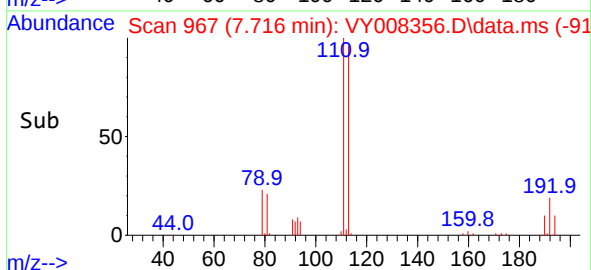
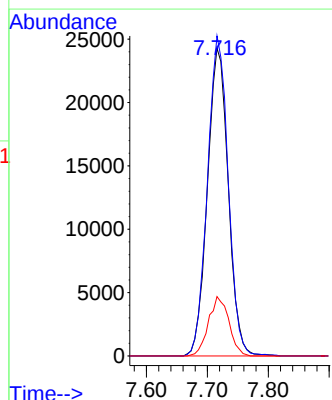
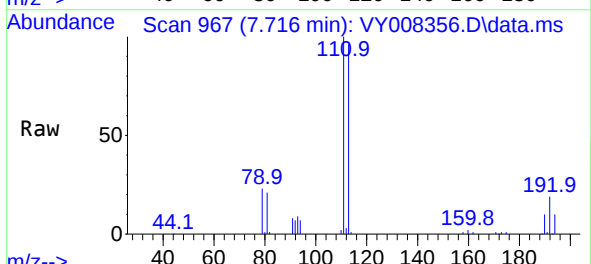
Tgt Ion:113 Resp: 57859

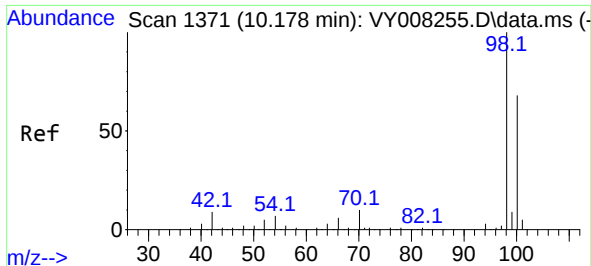
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 18.8 17.6 26.4

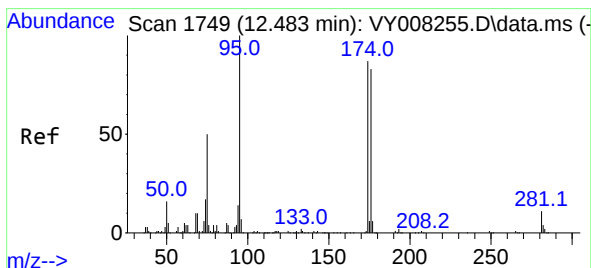
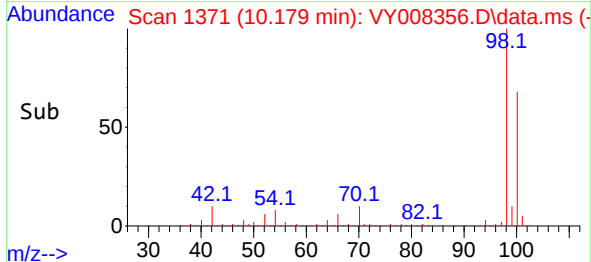
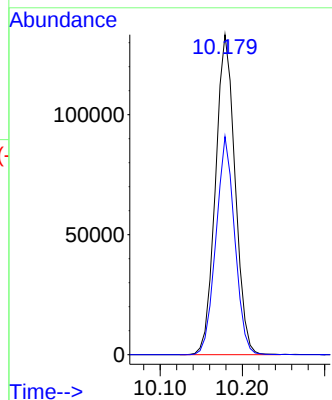
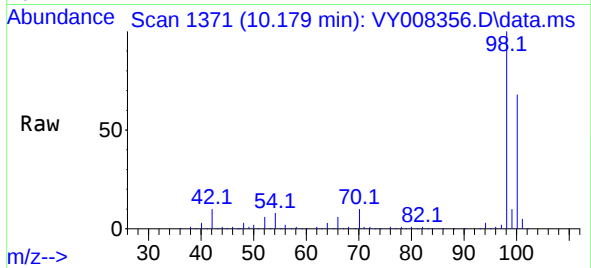




#50
Toluene-d8
Concen: 61.952 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

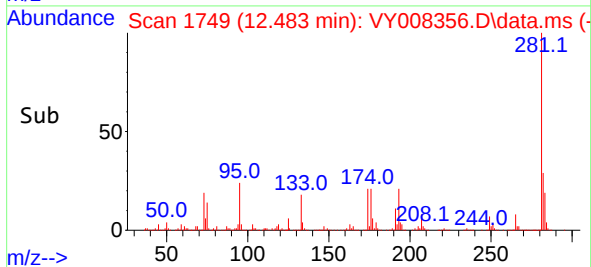
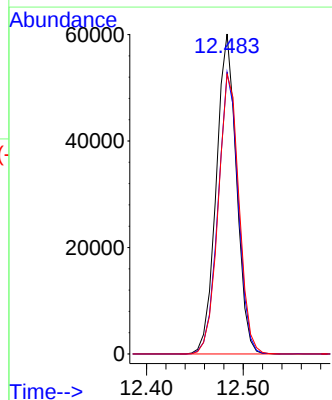
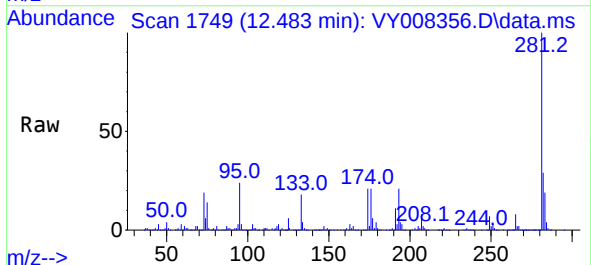
Instrument :
MSVOA_Y
ClientSampleId :
SB-2105

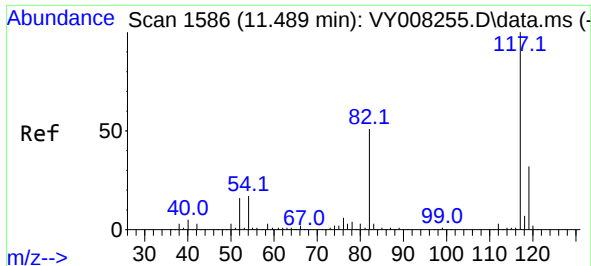
Tgt Ion: 98 Resp: 220580
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 65.129 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

Tgt Ion: 95 Resp: 87220
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 89.4 0.0 175.8

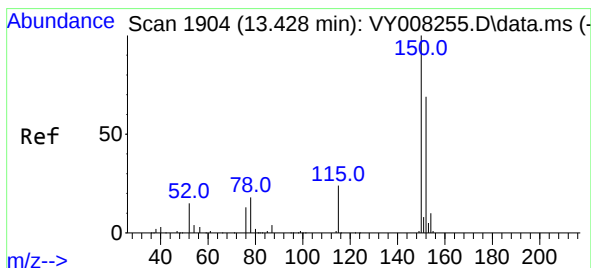
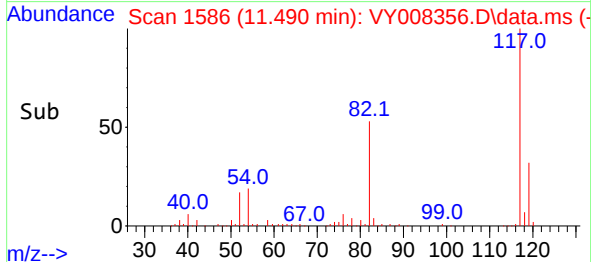
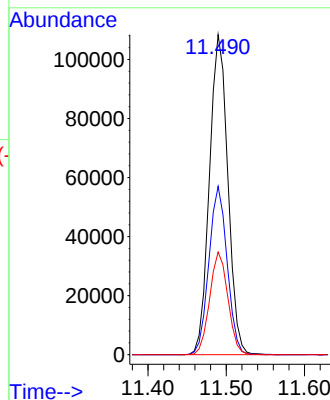
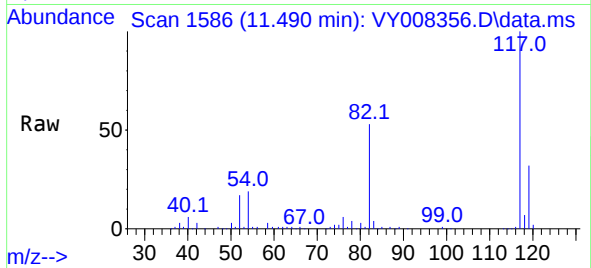




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-2105

Tgt Ion:117 Resp: 176715
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008356.D
Acq: 15 Apr 2022 17:12

Tgt Ion:152 Resp: 79283
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 157.0 0.0 347.6

