

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011933.D
 Acq On : 20 Dec 2022 19:30
 Operator : KP/MD
 Sample : N6038-22
 Misc : 3.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-40-(0-2)

Quant Time: Dec 21 00:10:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	151859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69871	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	90816	59.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.720%
35) Dibromofluoromethane	7.722	113	79893	53.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.800%
50) Toluene-d8	10.179	98	295279	48.646	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.483	95	73506	36.006	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.020%

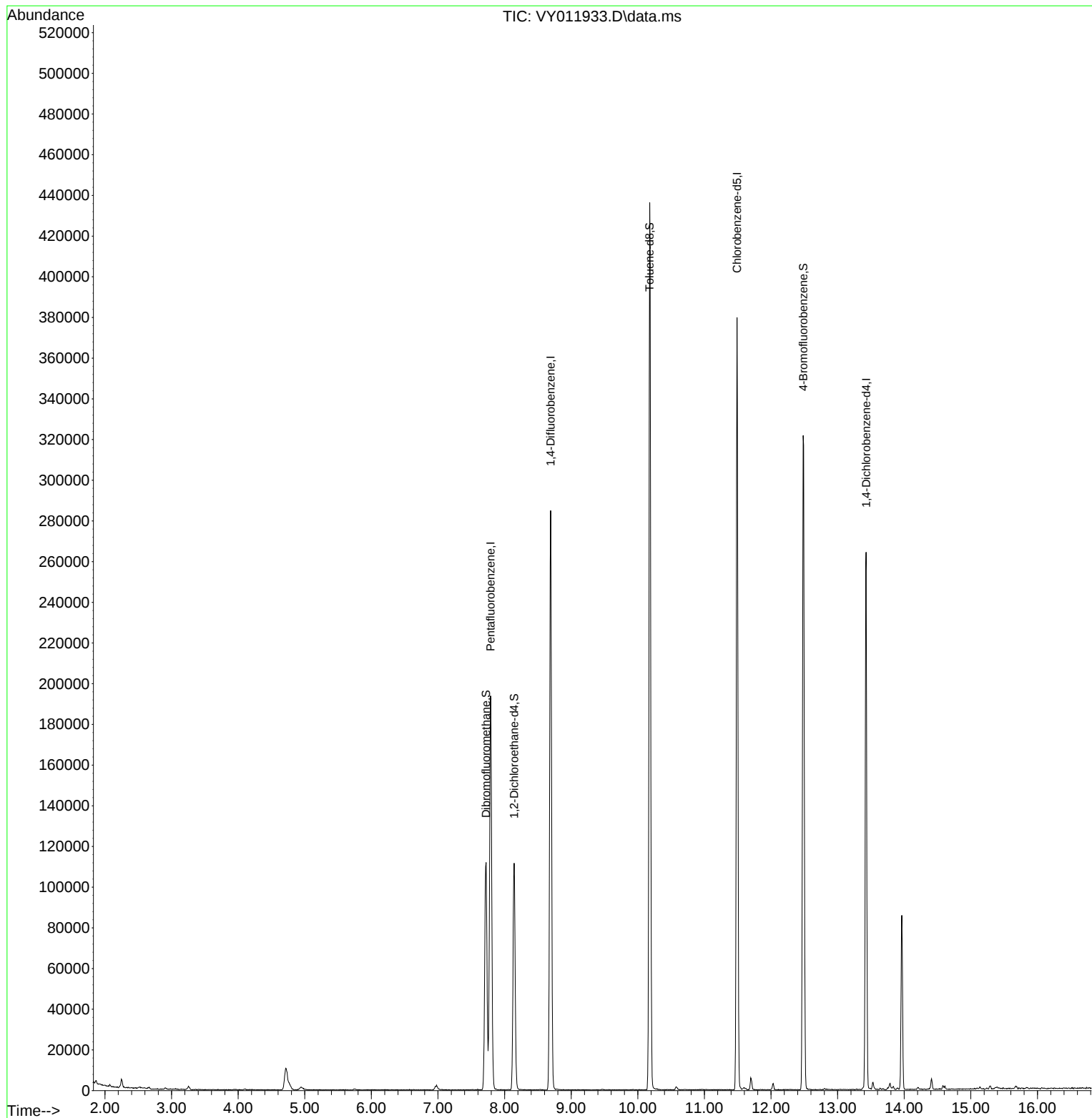
Target Compounds	Qvalue

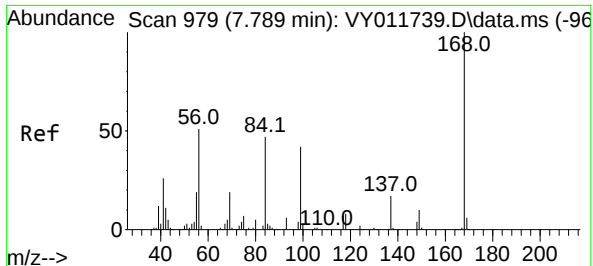
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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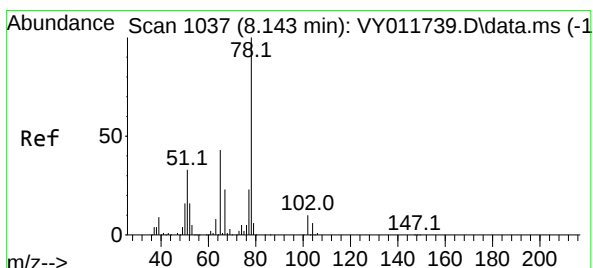
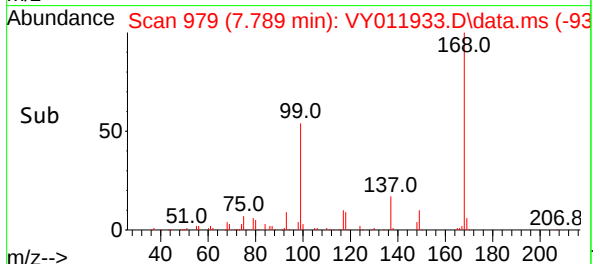
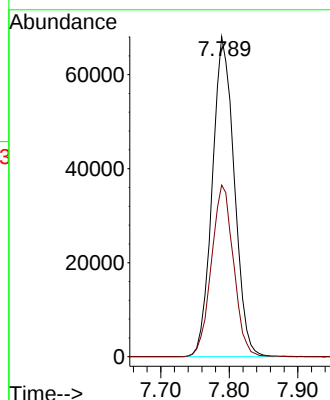
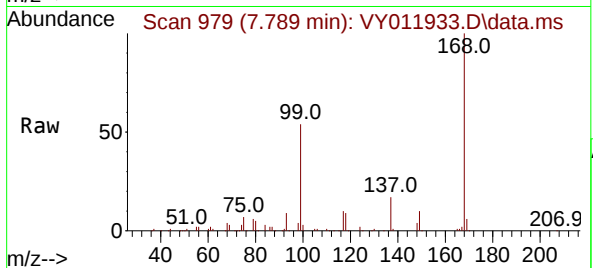




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011933.D
Acq: 20 Dec 2022 19:30

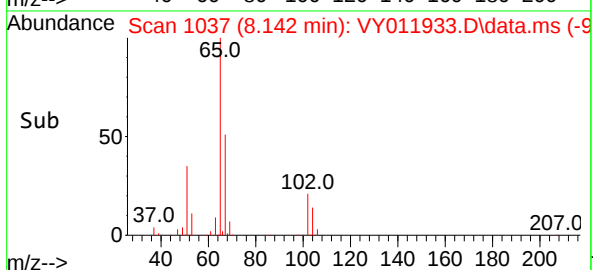
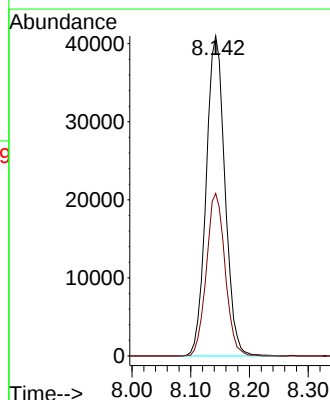
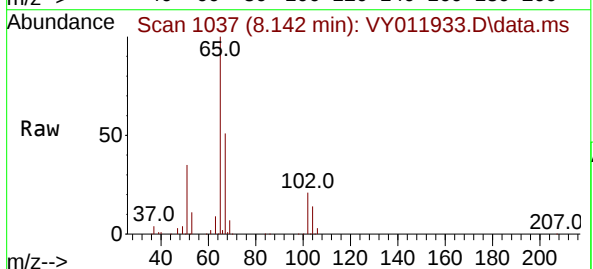
Instrument :
MSVOA_Y
ClientSampleId :
RB-40-(0-2)

Tgt Ion:168 Resp: 151859
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 59.359 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011933.D
Acq: 20 Dec 2022 19:30

Tgt Ion: 65 Resp: 90816
Ion Ratio Lower Upper
65 100
67 50.6 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: VY011933.D

Acq: 20 Dec 2022 19:30

Instrument :

MSVOA_Y

ClientSampleId :

RB-40-(0-2)

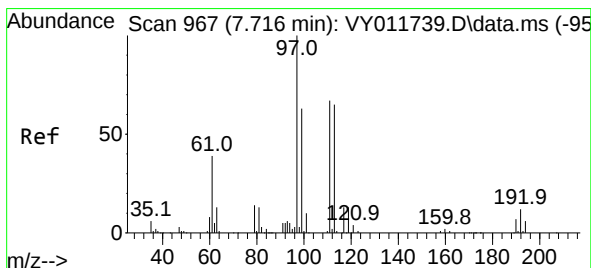
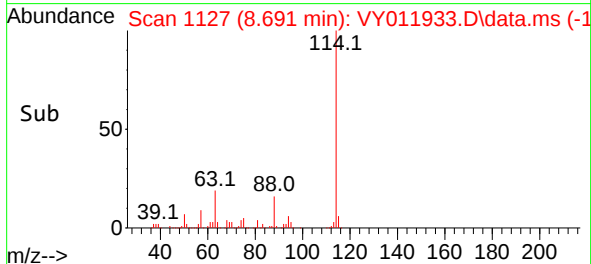
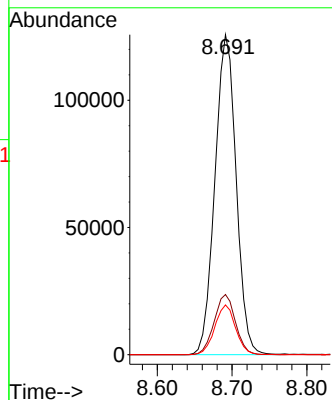
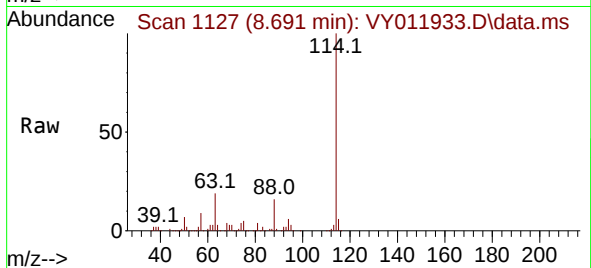
Tgt Ion:114 Resp: 248509

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.401 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011933.D

Acq: 20 Dec 2022 19:30

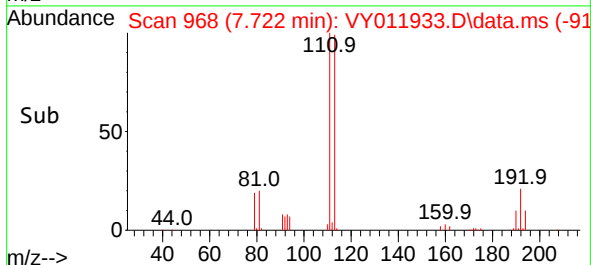
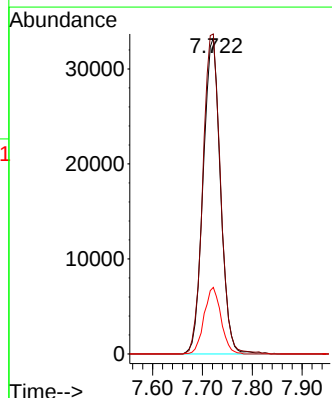
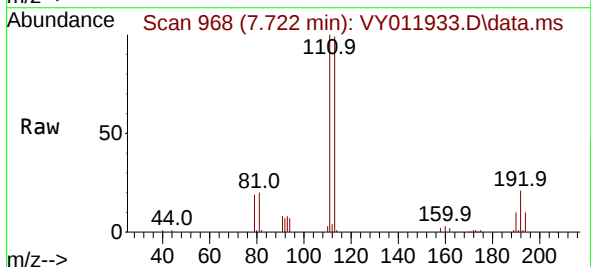
Tgt Ion:113 Resp: 79893

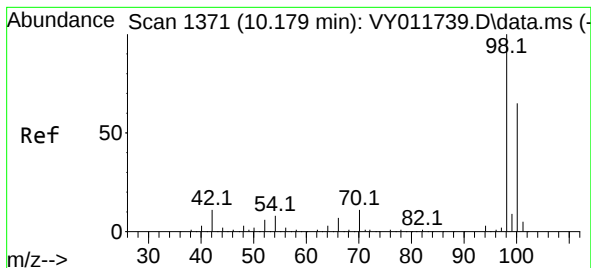
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

192 20.7 16.0 24.0





#50

Toluene-d8

Concen: 48.646 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011933.D

Acq: 20 Dec 2022 19:30

Instrument :

MSVOA_Y

ClientSampleId :

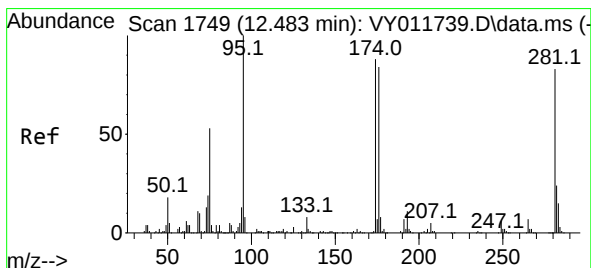
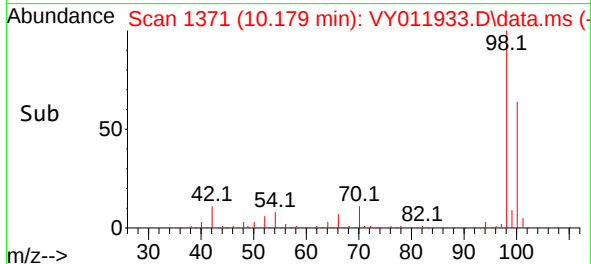
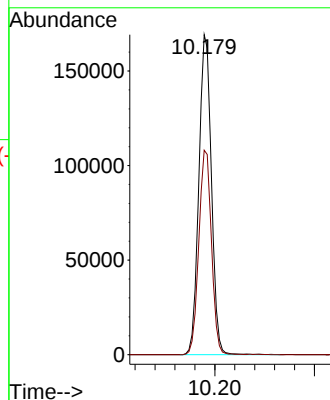
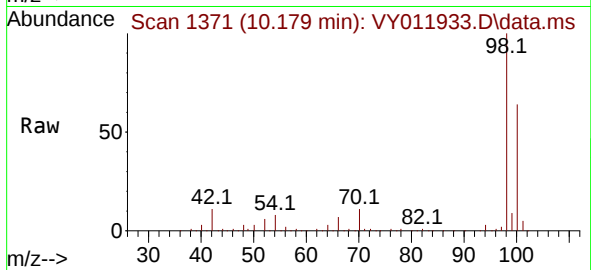
RB-40-(0-2)

Tgt Ion: 98 Resp: 295279

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 36.006 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011933.D

Acq: 20 Dec 2022 19:30

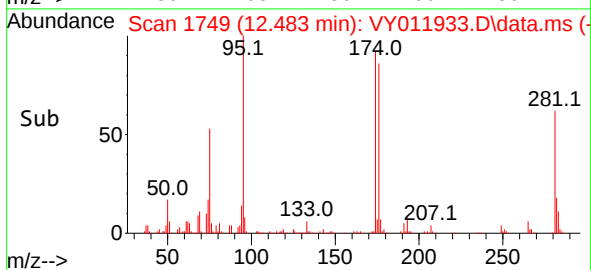
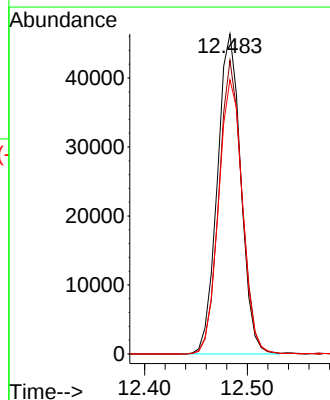
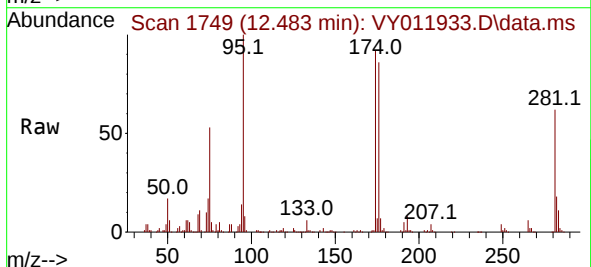
Tgt Ion: 95 Resp: 73506

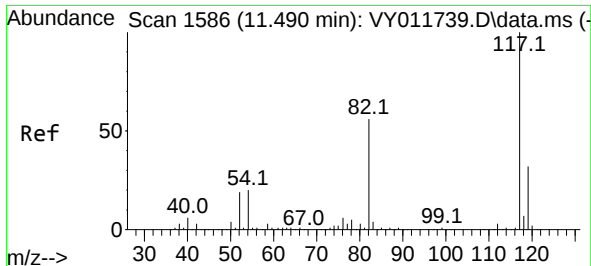
Ion Ratio Lower Upper

95 100

174 89.7 0.0 172.0

176 87.5 0.0 167.6

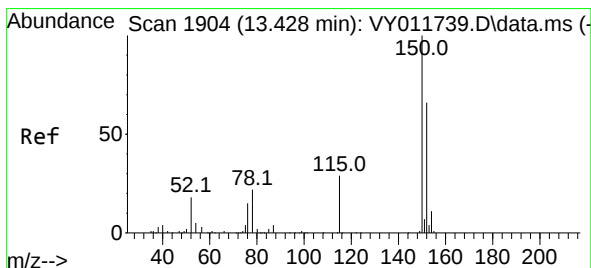
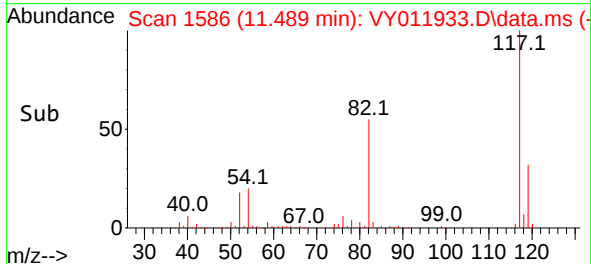
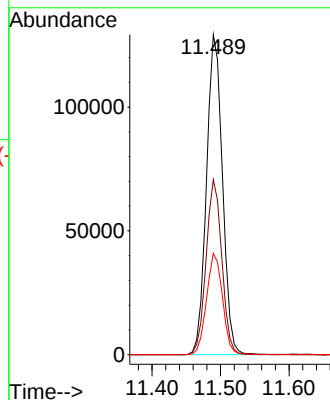
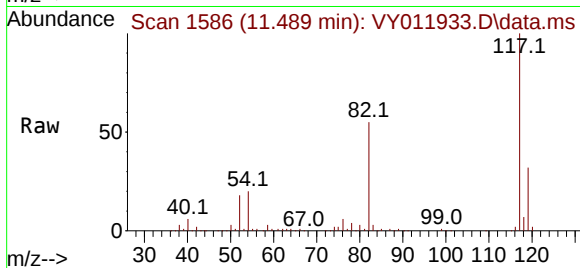




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011933.D
Acq: 20 Dec 2022 19:30

Instrument :
MSVOA_Y
ClientSampleId :
RB-40-(0-2)

Tgt Ion:117 Resp: 210227
Ion Ratio Lower Upper
117 100
82 54.7 44.8 67.2
119 31.7 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: VY011933.D
Acq: 20 Dec 2022 19:30

Tgt Ion:152 Resp: 69871
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.3
150 157.3 0.0 342.6

