

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011932.D
 Acq On : 20 Dec 2022 19:07
 Operator : KP/MD
 Sample : N6038-18RE
 Misc : 3.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-38-(0-2)RE

Quant Time: Dec 21 00:10:50 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	7.795	168	162122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	259464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	207044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64251	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78715	48.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.380%
35) Dibromofluoromethane	7.722	113	79846	51.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.240%
50) Toluene-d8	10.179	98	305156	48.150	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.483	95	67948	31.879	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.760%

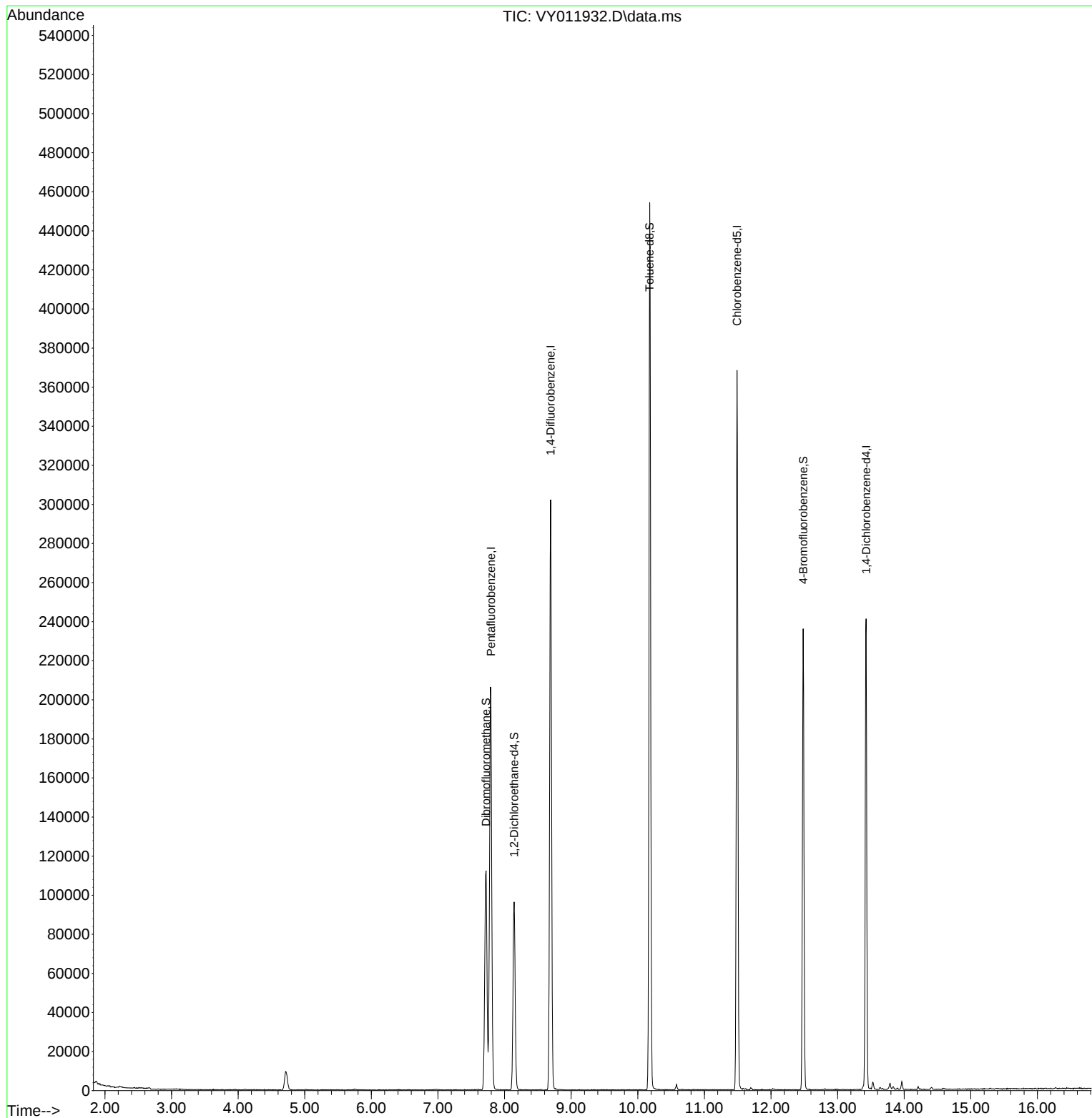
Target Compounds	Qvalue

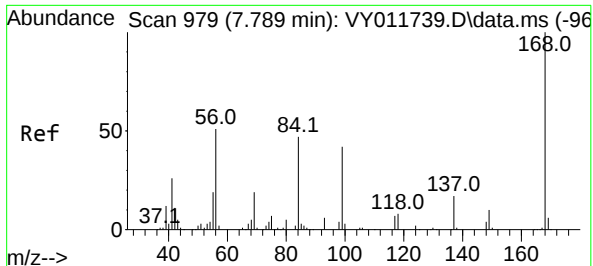
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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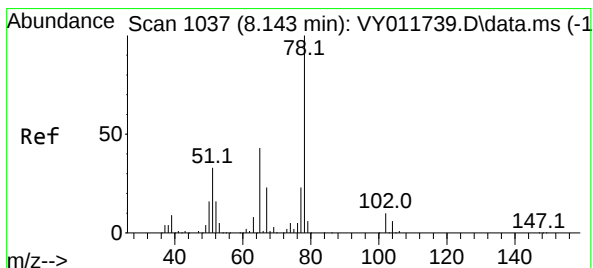
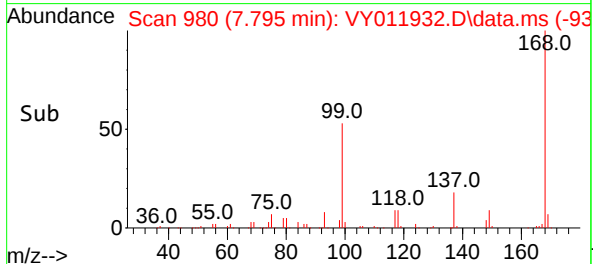
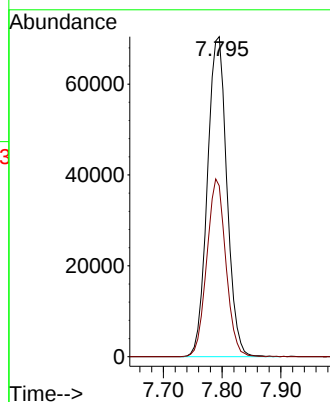
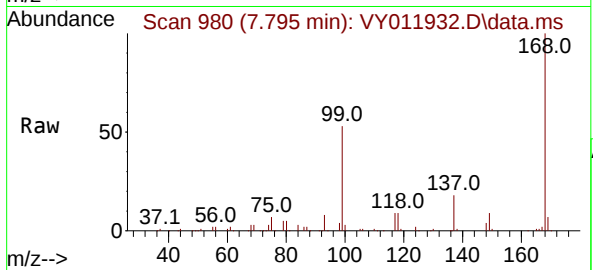




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

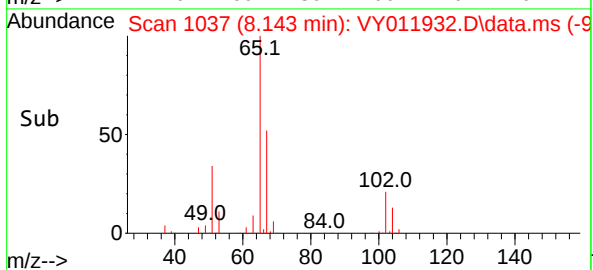
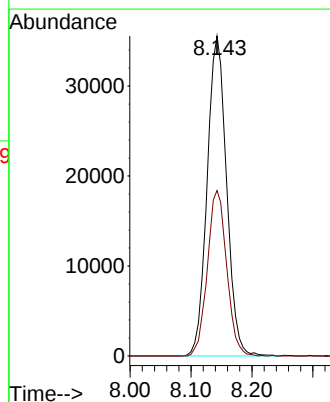
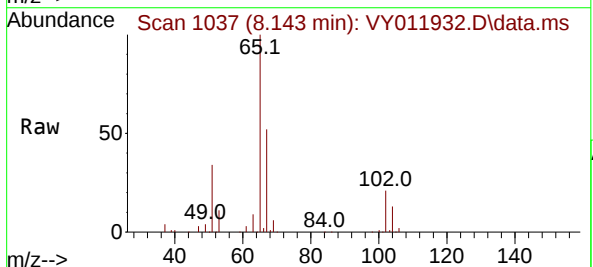
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)RE

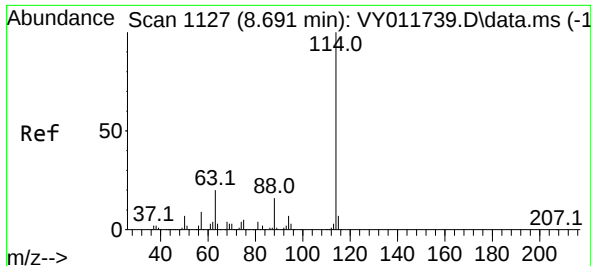
Tgt Ion:168 Resp: 162122
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 48.193 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 65 Resp: 78715
Ion Ratio Lower Upper
65 100
67 51.4 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: VY011932.D

Acq: 20 Dec 2022 19:07

Instrument :

MSVOA_Y

ClientSampleId :

RB-38-(0-2)RE

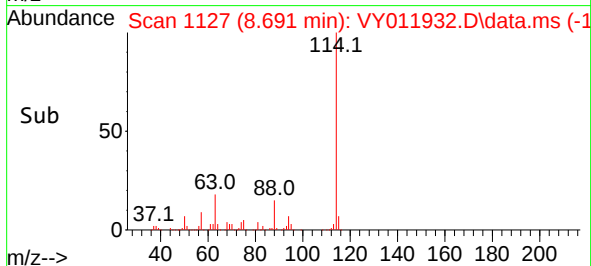
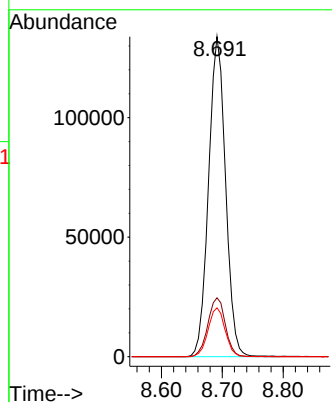
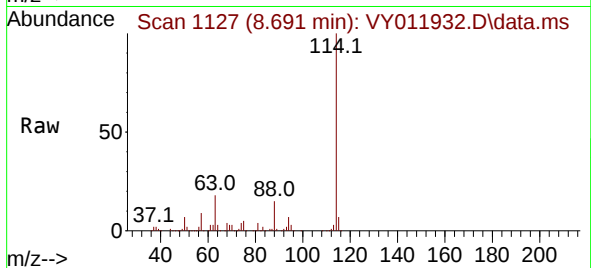
Tgt Ion:114 Resp: 259464

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.116 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011932.D

Acq: 20 Dec 2022 19:07

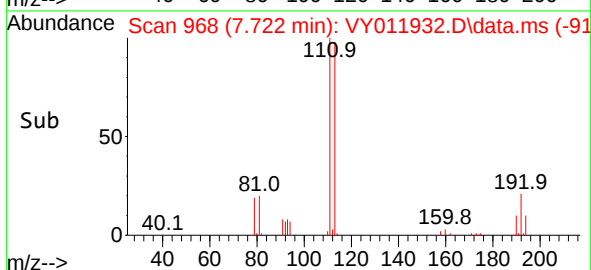
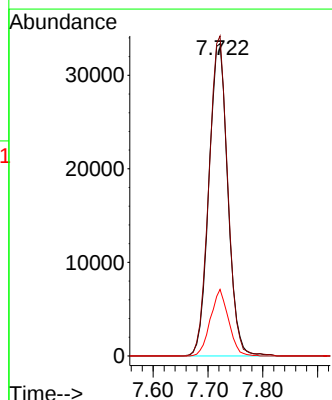
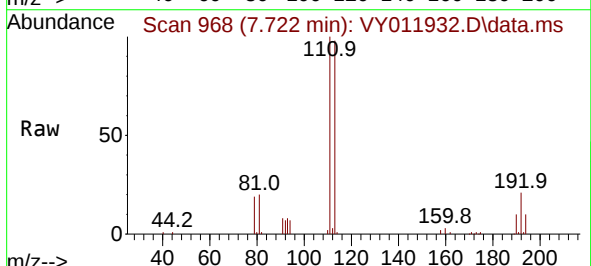
Tgt Ion:113 Resp: 79846

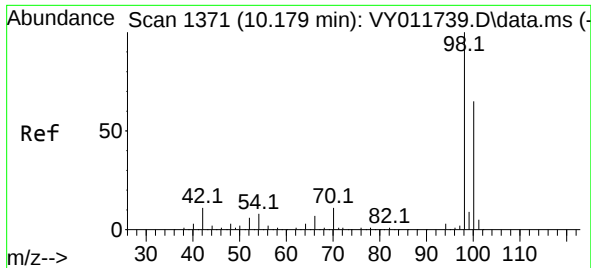
Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

192 20.4 16.0 24.0

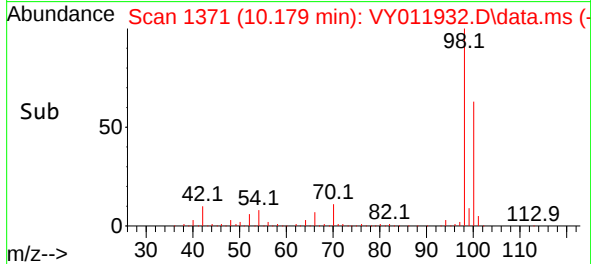
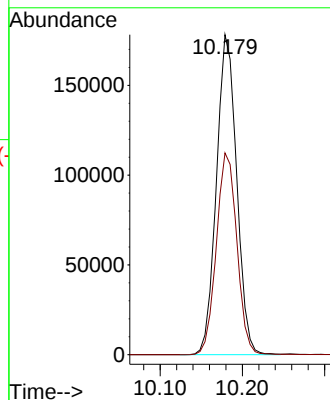
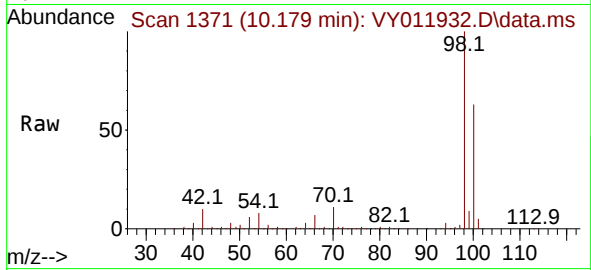




#50
Toluene-d8
Concen: 48.150 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

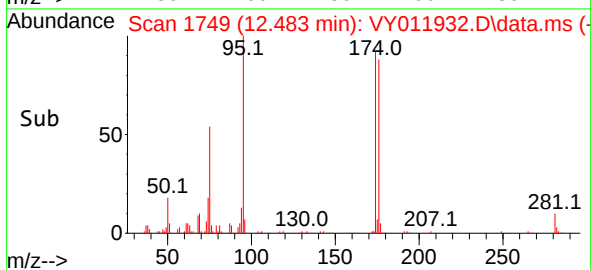
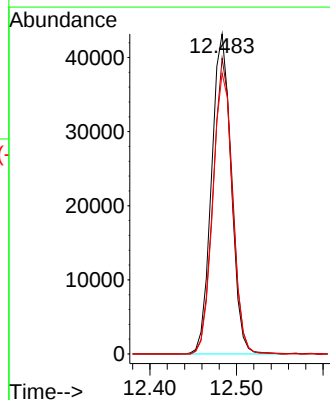
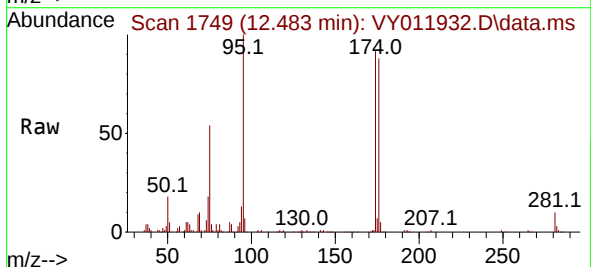
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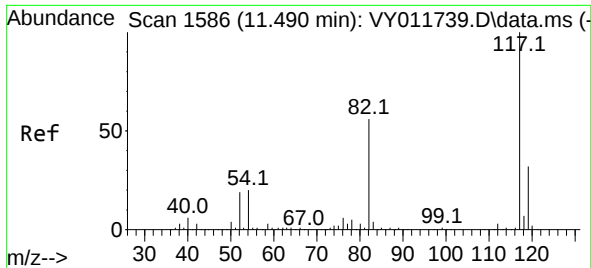
Tgt Ion: 98 Resp: 305156
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 31.879 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 95 Resp: 67948
Ion Ratio Lower Upper
95 100
174 91.7 0.0 172.0
176 88.5 0.0 167.6

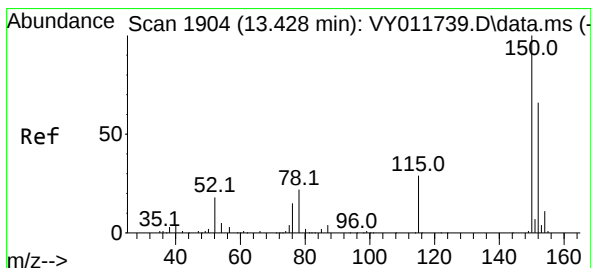
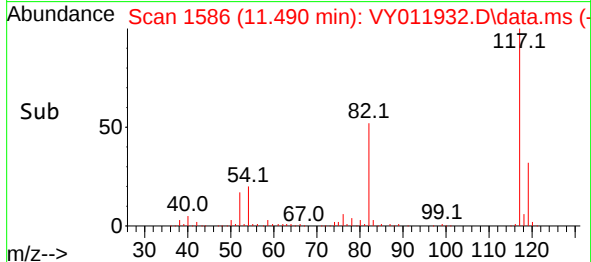
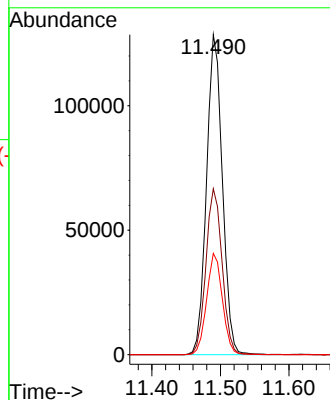
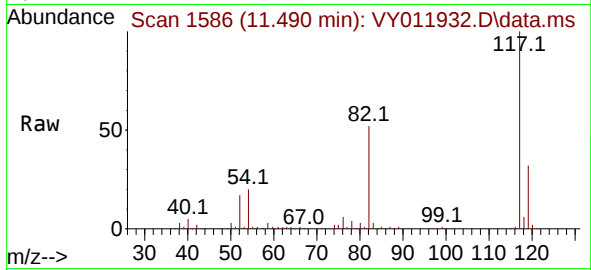




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)RE

Tgt Ion:117 Resp: 207044
Ion Ratio Lower Upper
117 100
82 51.9 44.8 67.2
119 31.6 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: VY011932.D
Acq: 20 Dec 2022 19:07

Tgt Ion:152 Resp: 64251
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.3
150 159.7 0.0 342.6

