

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011014.D
 Acq On : 20 Oct 2022 10:59
 Operator : KP/MD
 Sample : VY1020SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1020SBL01

Quant Time: Oct 20 22:44:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	265670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	435623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	383102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	121076	49.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.960%
35) Dibromofluoromethane	7.716	113	124067	51.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.179	98	423201	46.527	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.060%
62) 4-Bromofluorobenzene	12.483	95	147225	45.412	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.820%

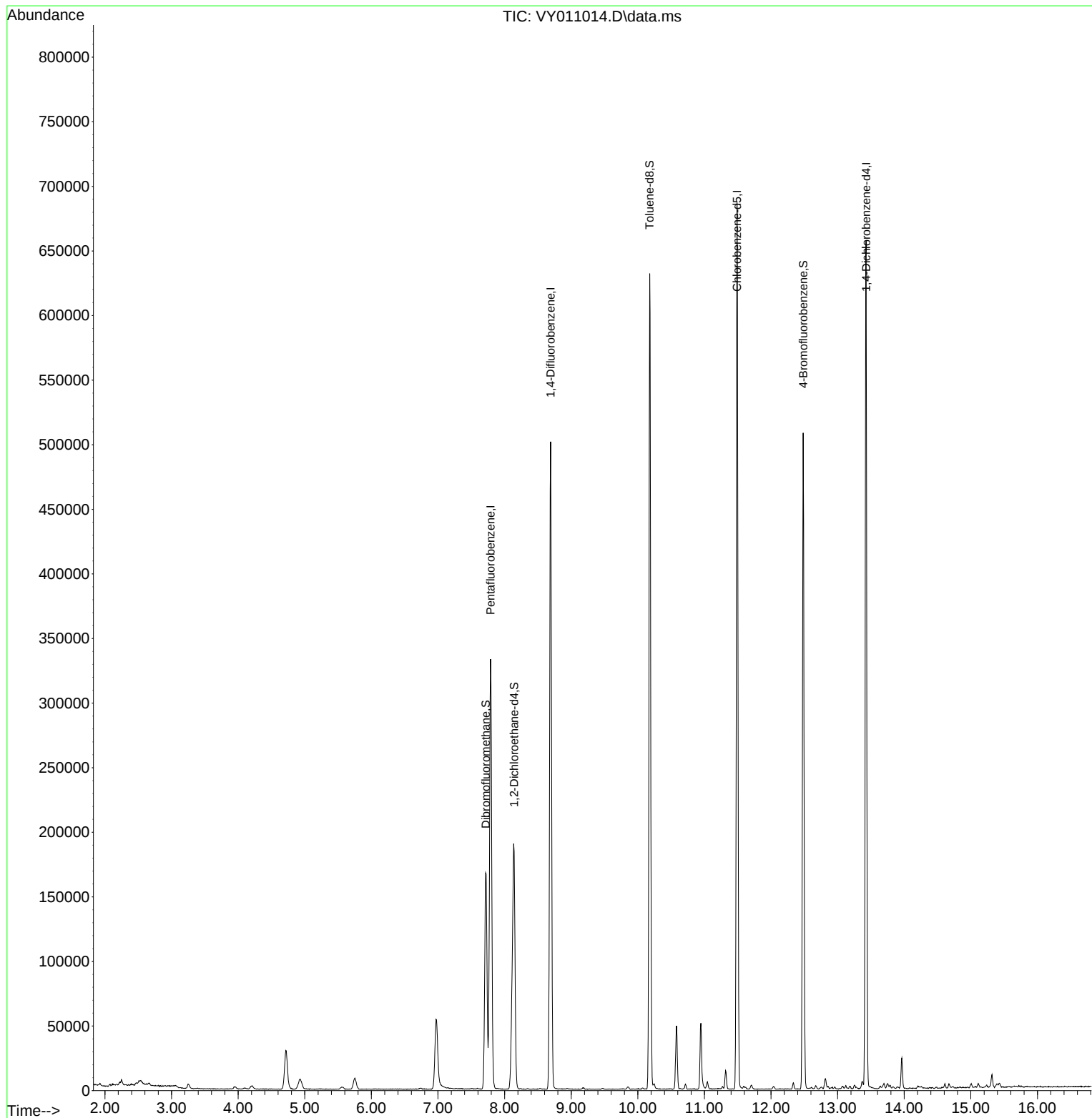
Target Compounds	Qvalue

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

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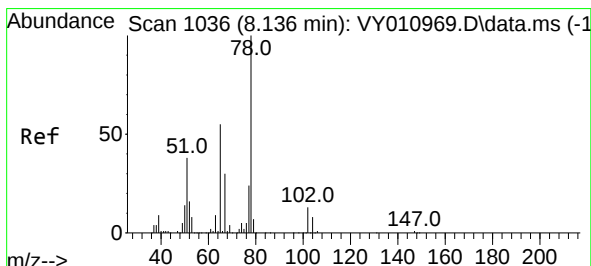
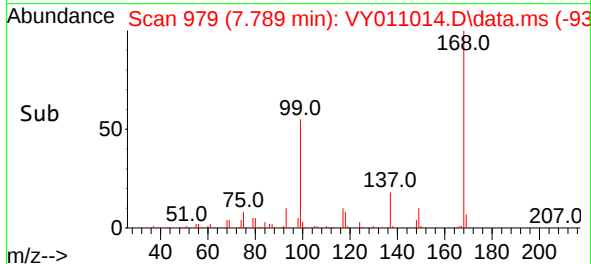
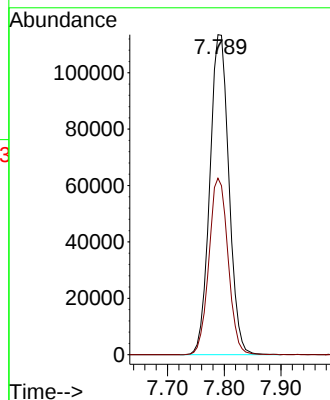
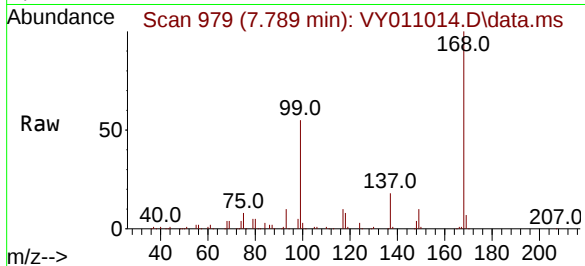




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

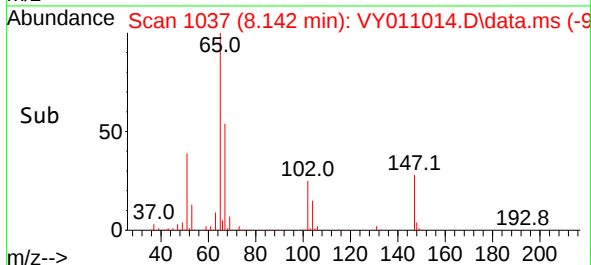
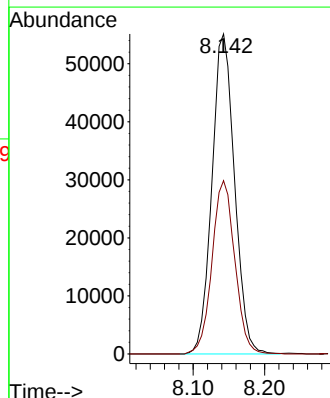
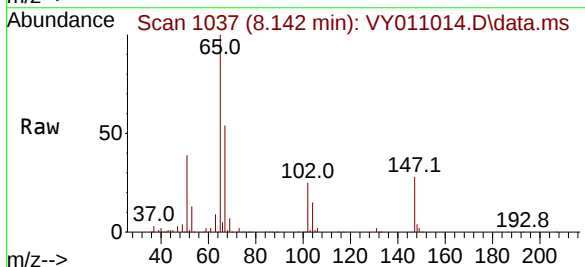
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBL01

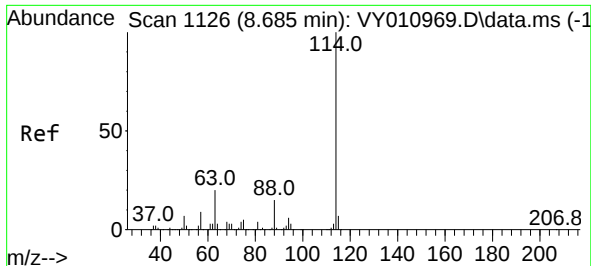
Tgt Ion:168 Resp: 265670
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.475 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Tgt Ion: 65 Resp: 121076
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011014.D

Acq: 20 Oct 2022 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1020SBL01

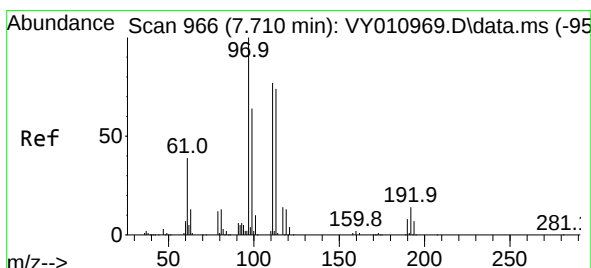
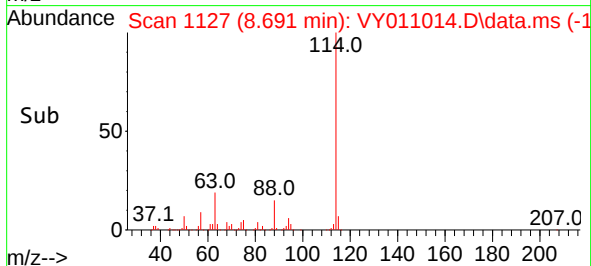
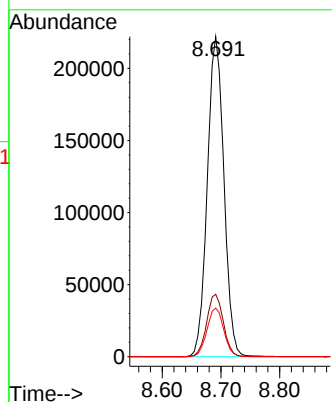
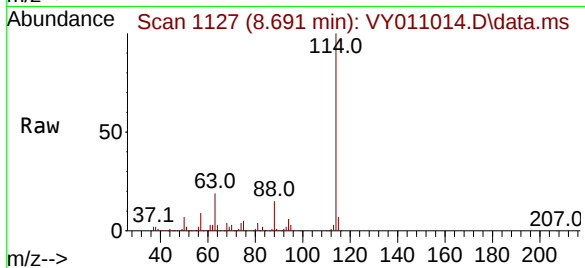
Tgt Ion:114 Resp: 435623

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.142 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011014.D

Acq: 20 Oct 2022 10:59

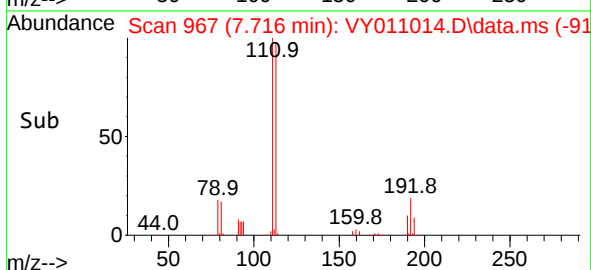
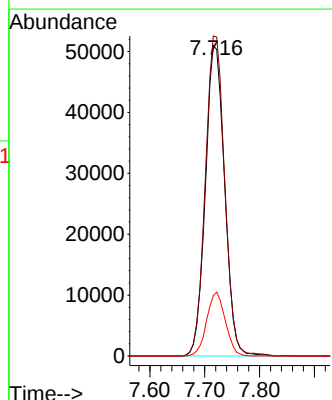
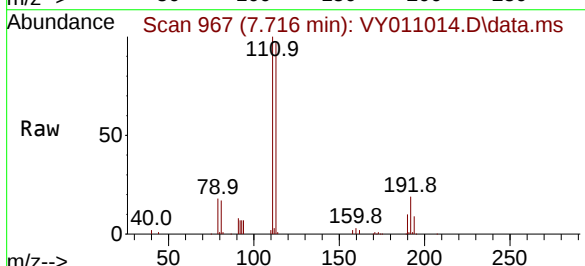
Tgt Ion:113 Resp: 124067

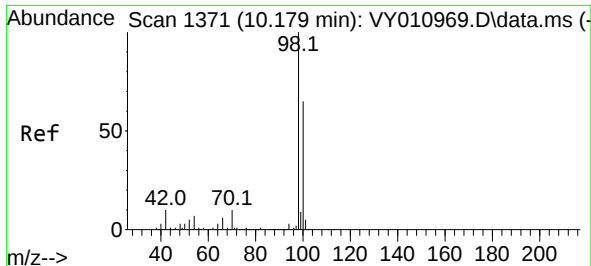
Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 19.9 17.6 26.4

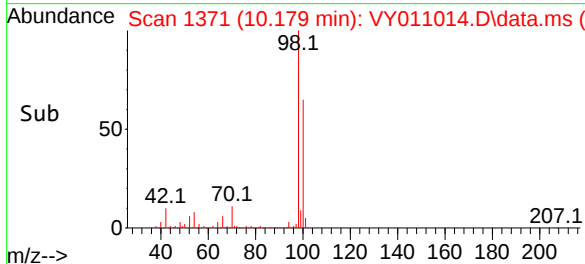
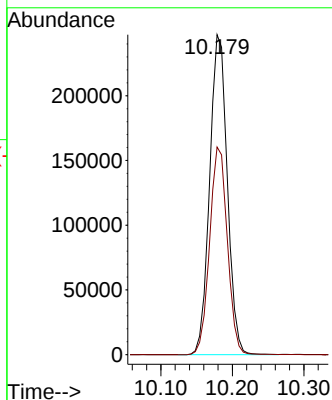
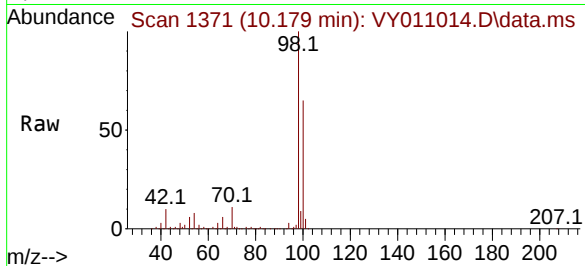




#50
Toluene-d8
Concen: 46.527 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

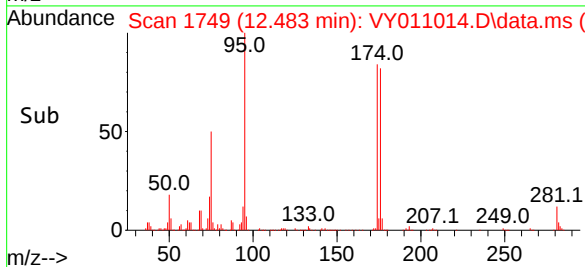
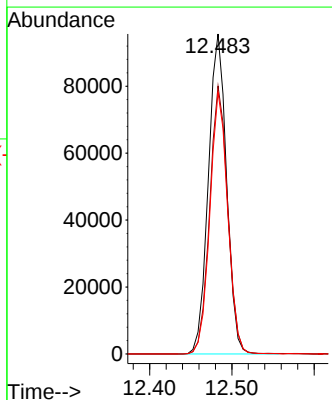
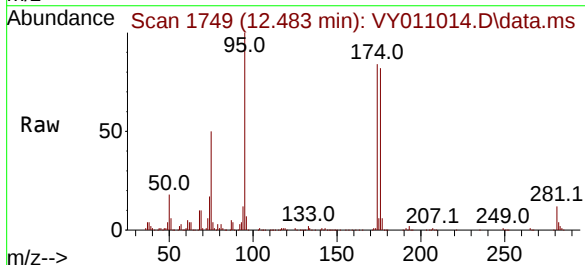
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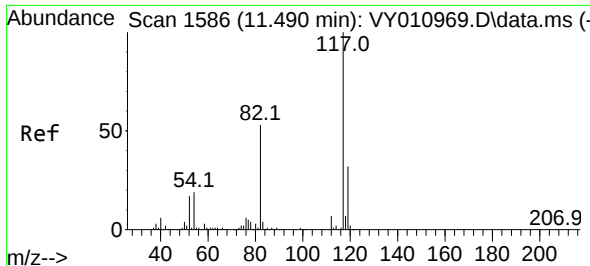
Tgt Ion: 98 Resp: 423201
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.412 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Tgt Ion: 95 Resp: 147225
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 80.1 0.0 175.8

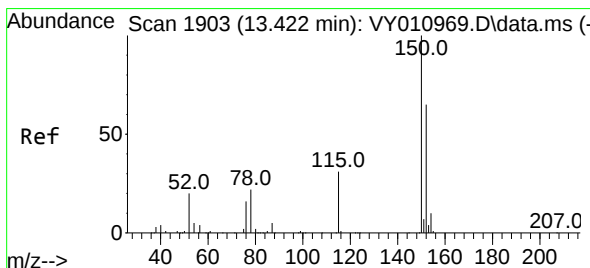
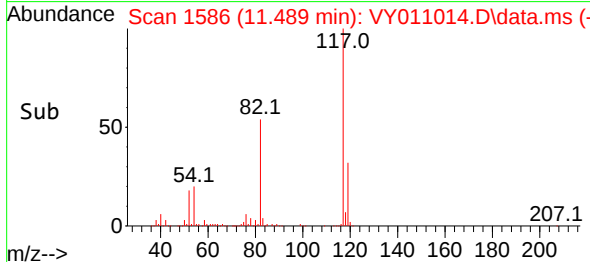
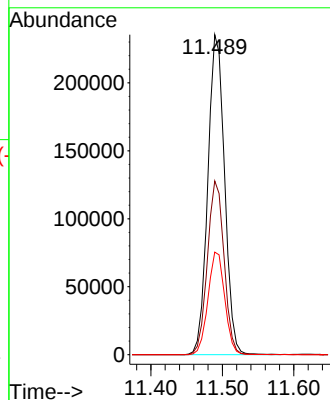
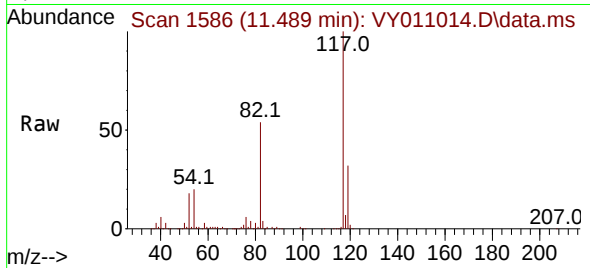




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBL01

Tgt Ion:117 Resp: 383102
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Tgt Ion:152 Resp: 173996
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 157.9 0.0 347.6

