

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011499.D
 Acq On : 18 Nov 2022 13:29
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 19 22:40:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	215222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	396932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	369717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	137746	63.031	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.060%
35) Dibromofluoromethane	7.722	113	127583	52.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.420%
50) Toluene-d8	10.185	98	473725	53.351	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.483	95	155946	47.501	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.000%

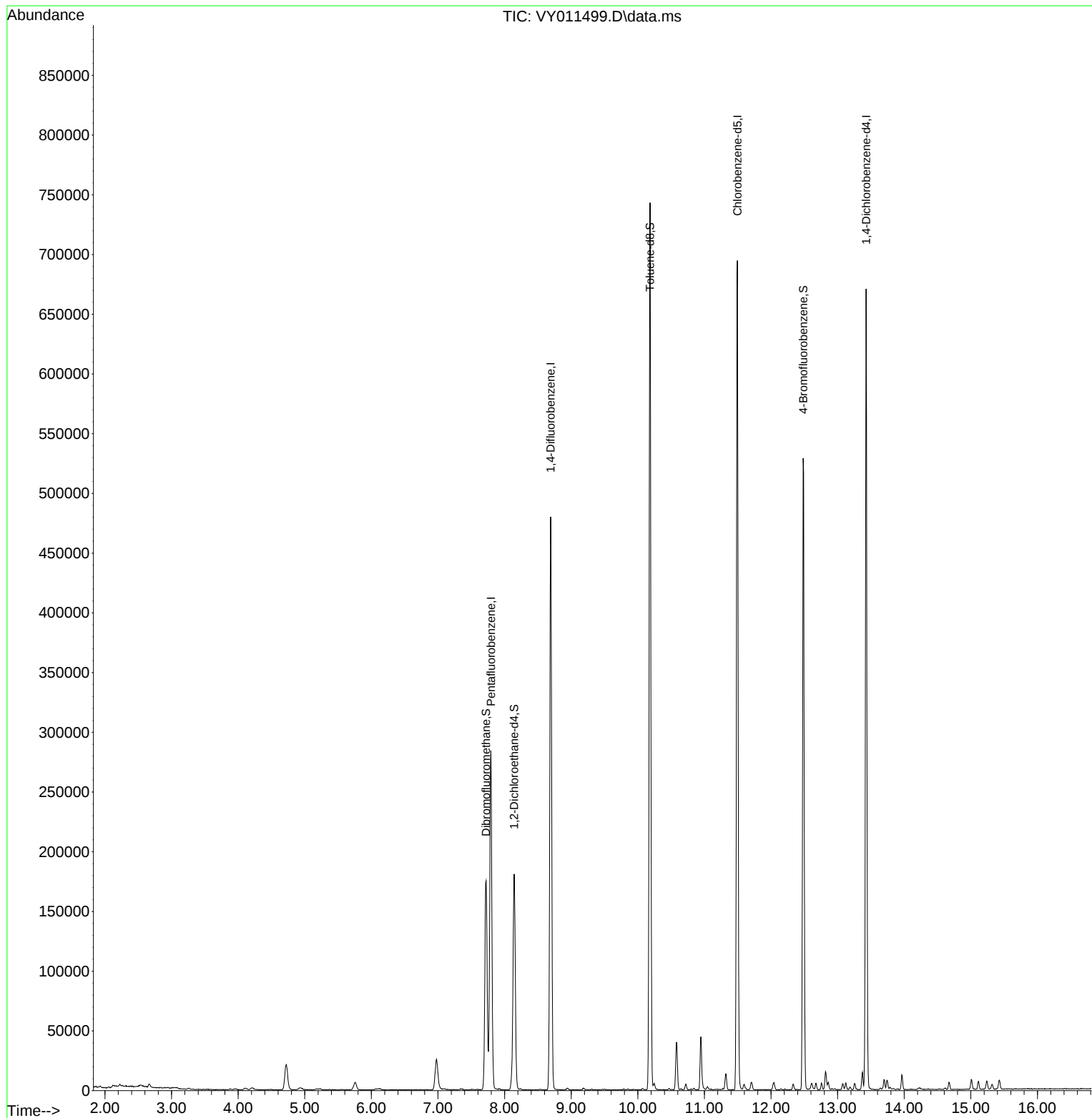
Target Compounds	Qvalue

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

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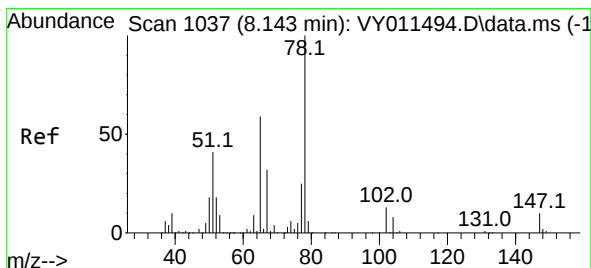
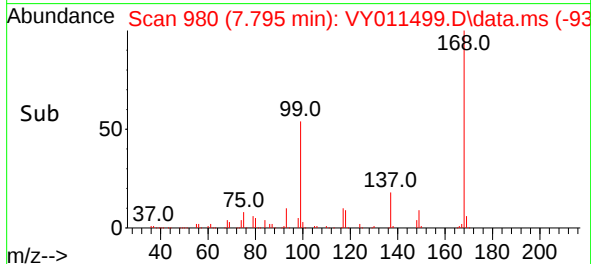
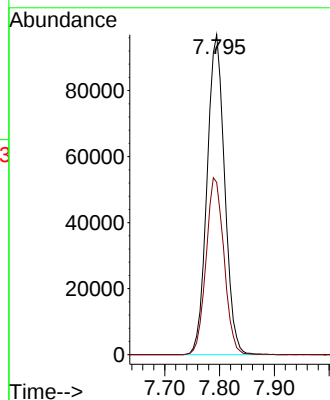
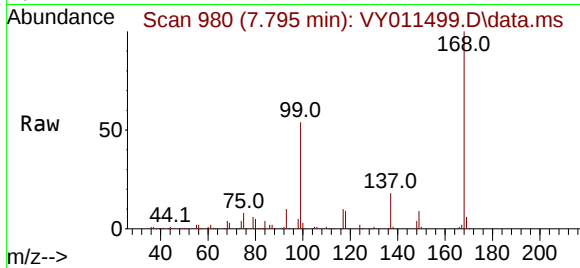




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011499.D
Acq: 18 Nov 2022 13:29

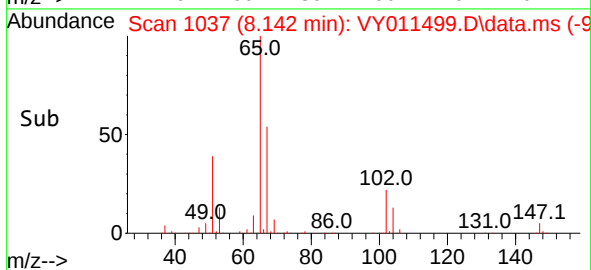
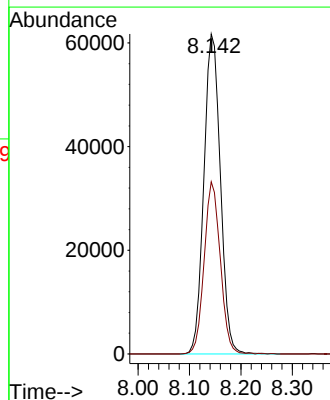
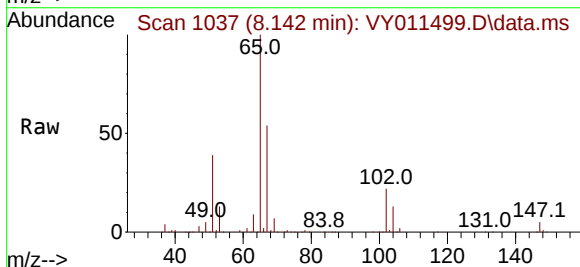
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

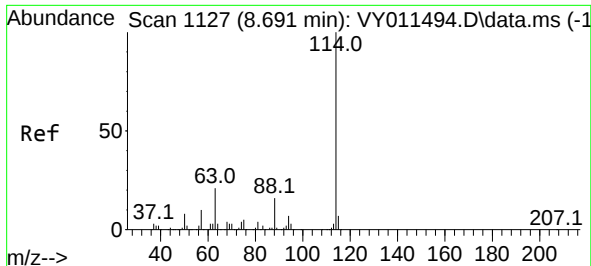
Tgt Ion:168 Resp: 215222
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.031 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011499.D
Acq: 18 Nov 2022 13:29

Tgt Ion: 65 Resp: 137746
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

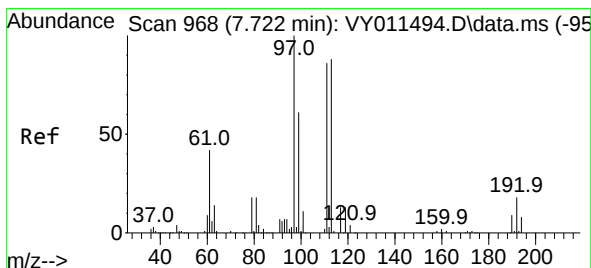
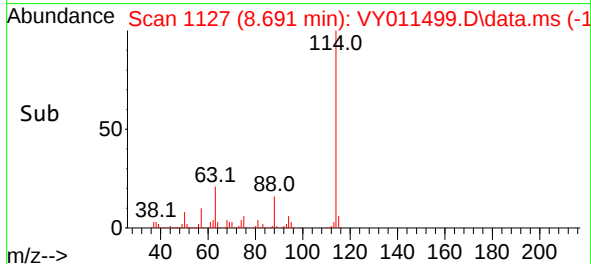
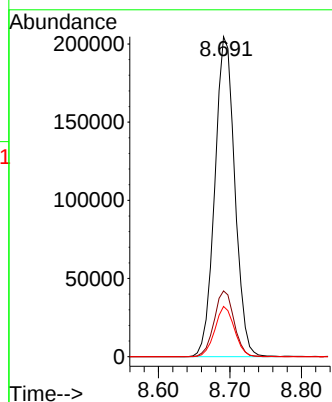
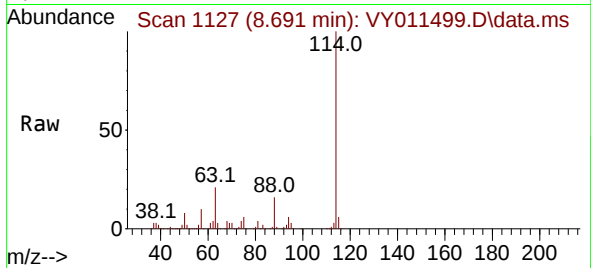




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY011499.D
Acq: 18 Nov 2022 13:29

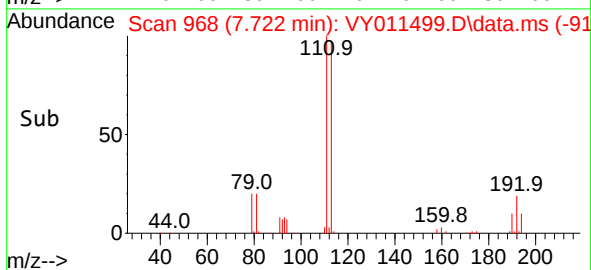
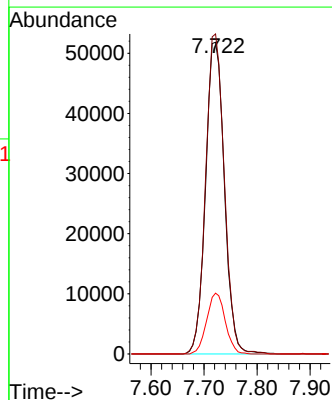
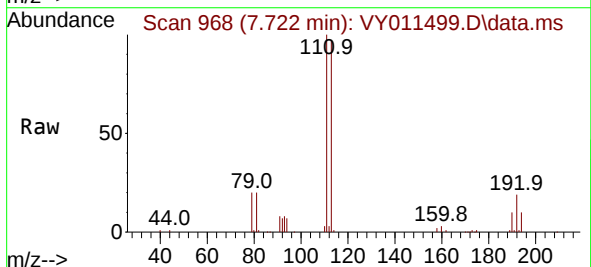
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

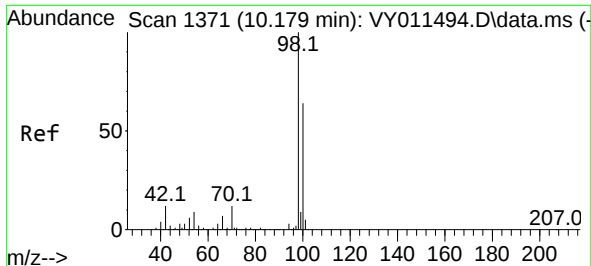
Tgt Ion:114 Resp: 396932
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.214 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY011499.D
Acq: 18 Nov 2022 13:29

Tgt Ion:113 Resp: 127583
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.3 17.6 26.4

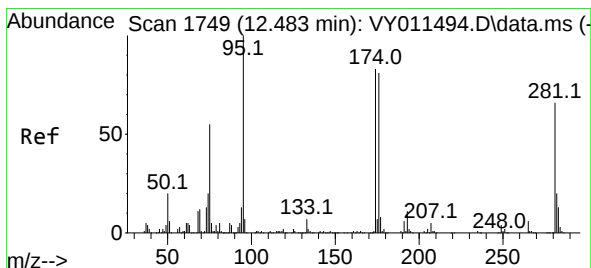
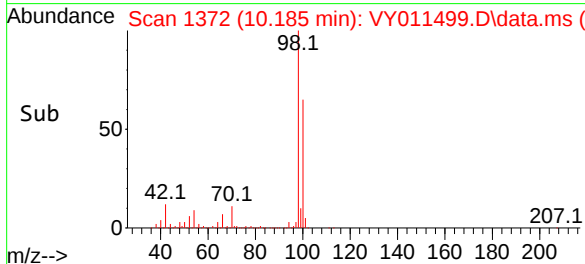
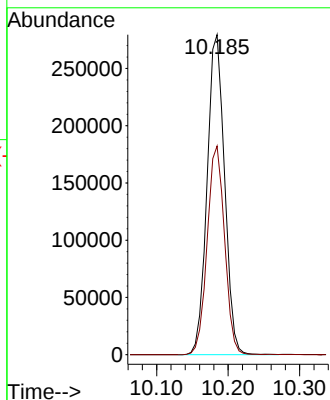
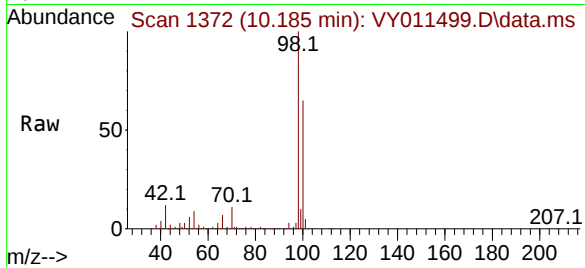




#50
Toluene-d8
Concen: 53.351 ug/l
RT: 10.185 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY011499.D
Acq: 18 Nov 2022 13:29

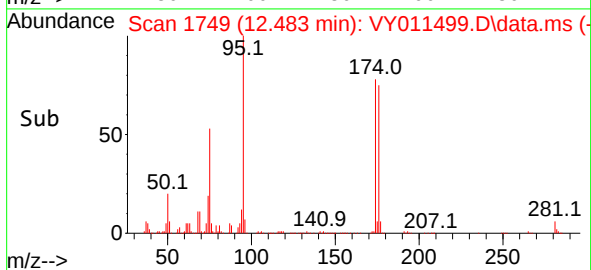
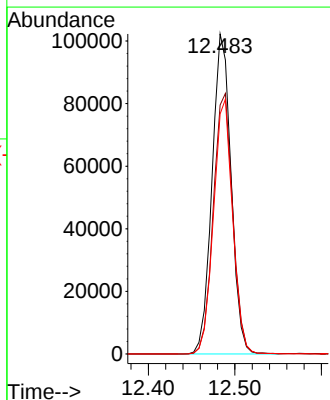
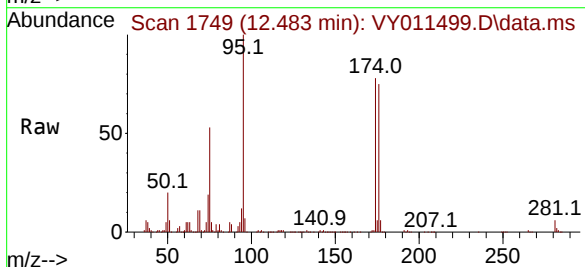
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 473725
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.501 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011499.D
Acq: 18 Nov 2022 13:29

Tgt Ion: 95 Resp: 155946
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 79.9 0.0 175.8

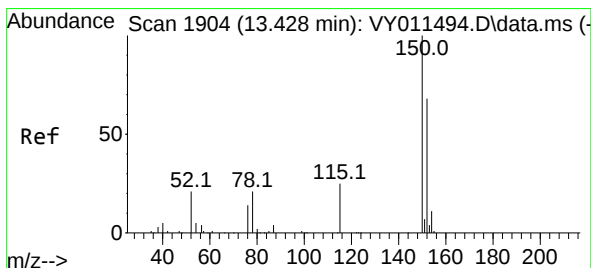
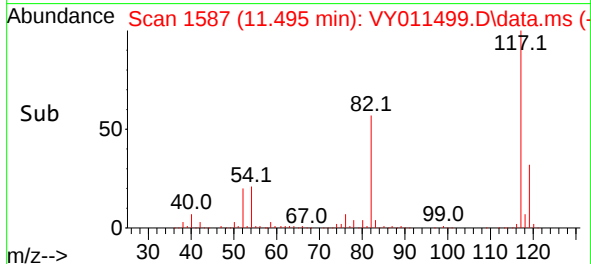
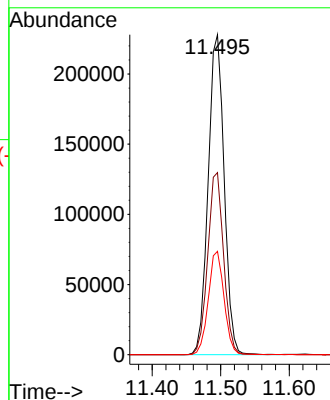
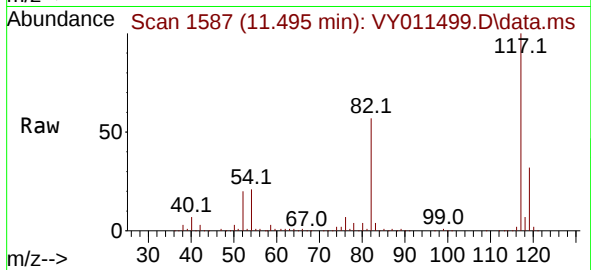




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011499.D
Acq: 18 Nov 2022 13:29

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 369717
Ion Ratio Lower Upper
117 100
82 56.9 43.0 64.4
119 32.3 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: VY011499.D
Acq: 18 Nov 2022 13:29

Tgt Ion:152 Resp: 160400
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 158.5 0.0 347.6

