

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011497.D
 Acq On : 18 Nov 2022 12:36
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 19 22:40:10 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	210732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	384239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	357437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	135127	63.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.300%
35) Dibromofluoromethane	7.722	113	122711	51.879	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.760%
50) Toluene-d8	10.179	98	463813	53.960	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.920%
62) 4-Bromofluorobenzene	12.483	95	148257	46.651	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.300%

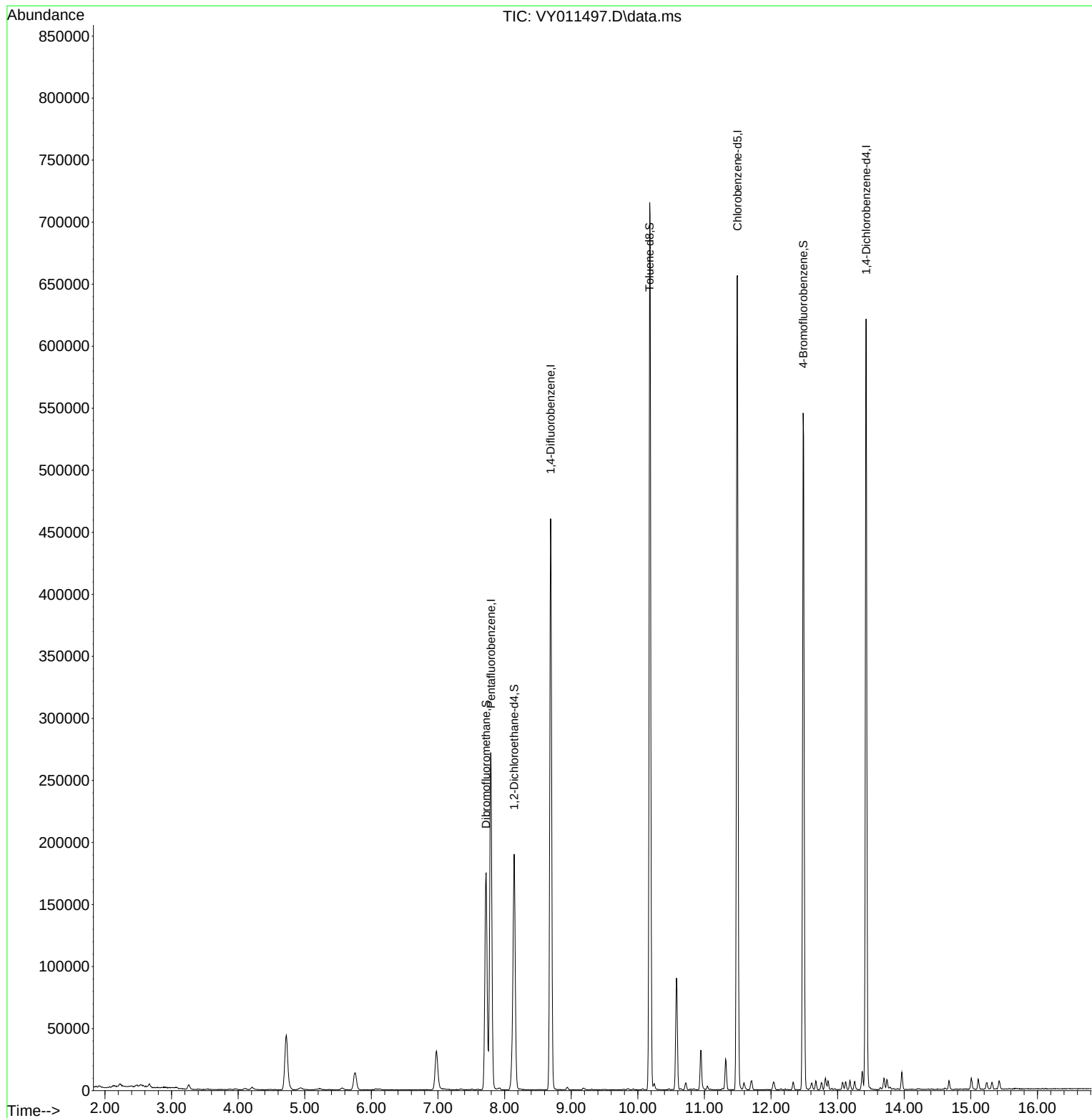
Target Compounds	Qvalue

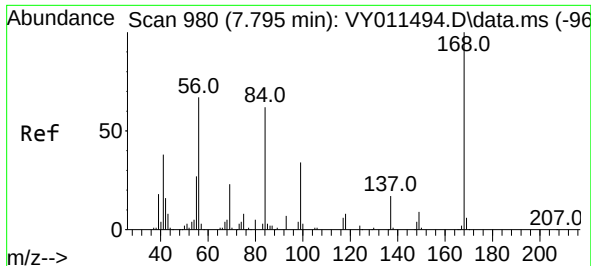
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
Data File : VY011497.D
Acq On : 18 Nov 2022 12:36
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Nov 19 22:40:10 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

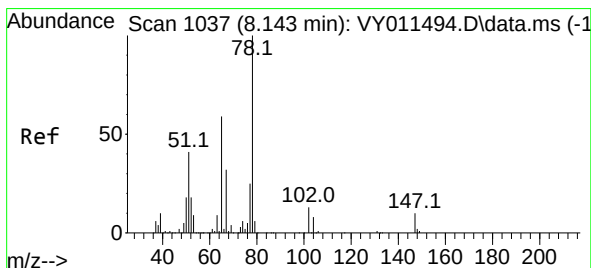
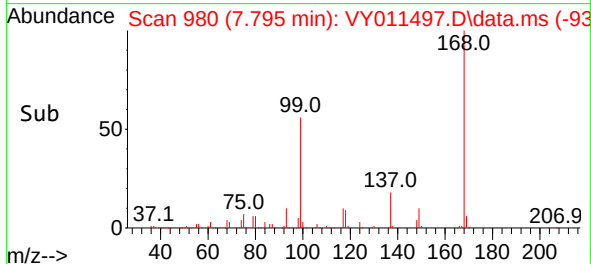
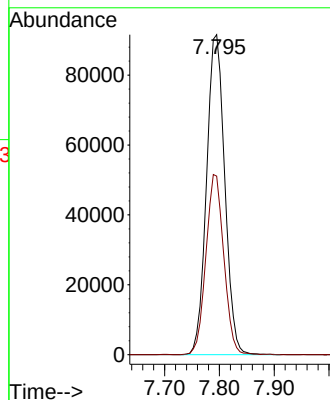
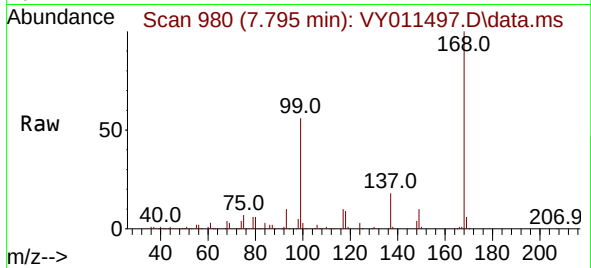




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY011497.D
Acq: 18 Nov 2022 12:36

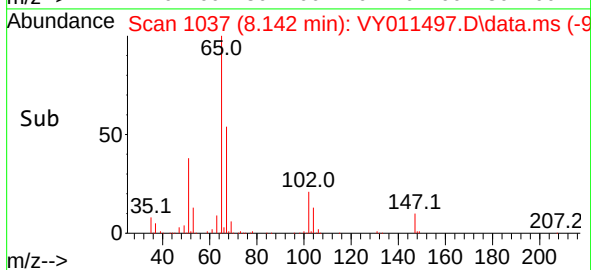
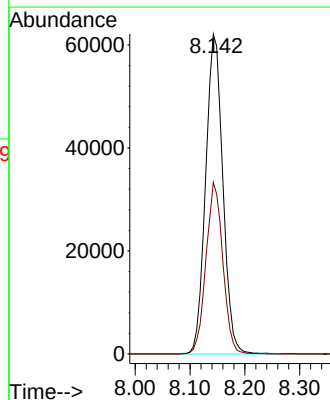
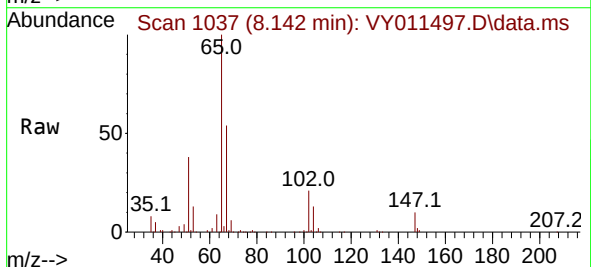
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

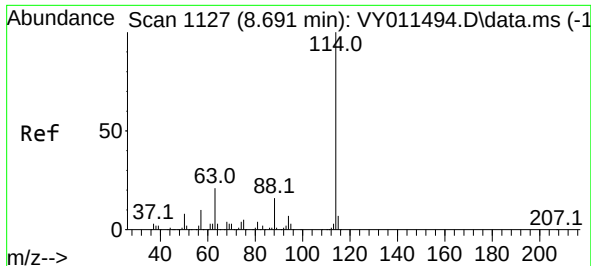
Tgt Ion:168 Resp: 210732
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.150 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011497.D
Acq: 18 Nov 2022 12:36

Tgt Ion: 65 Resp: 135127
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: VY011497.D

Acq: 18 Nov 2022 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

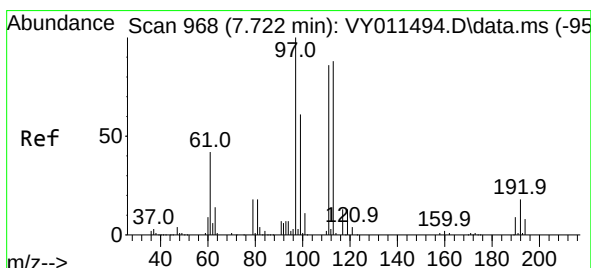
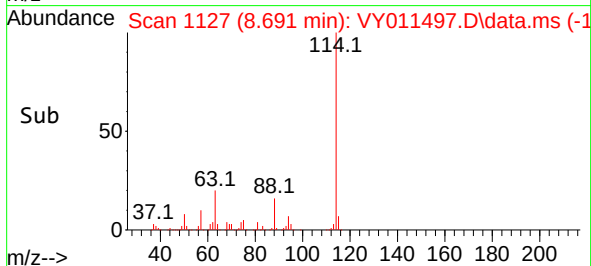
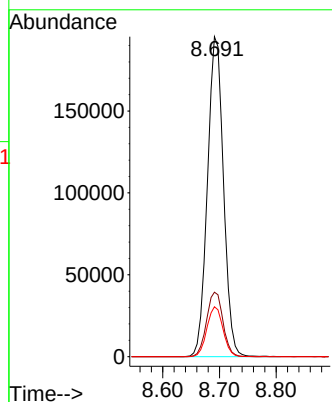
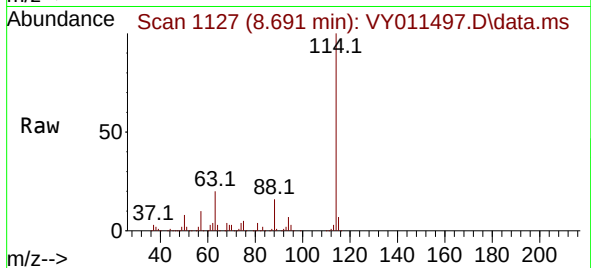
Tgt Ion:114 Resp: 384239

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.879 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011497.D

Acq: 18 Nov 2022 12:36

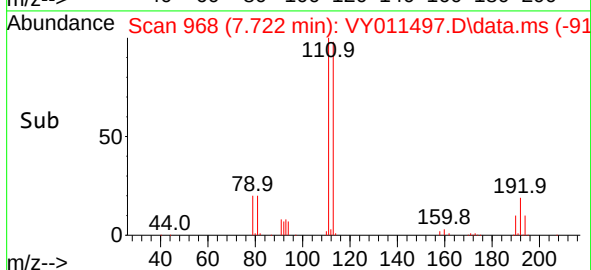
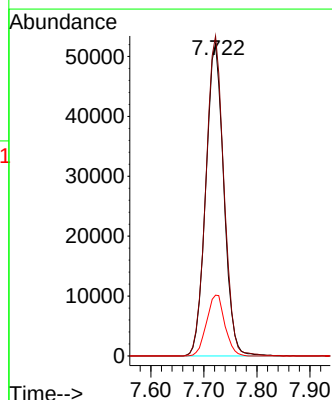
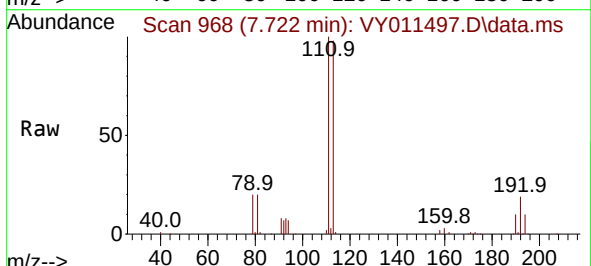
Tgt Ion:113 Resp: 122711

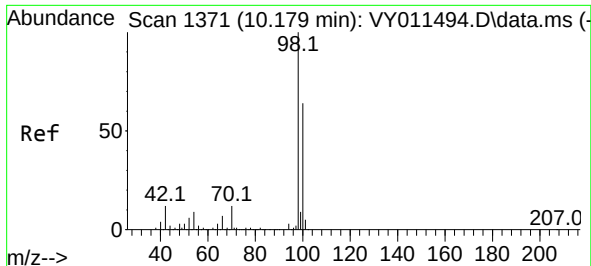
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.8 17.6 26.4

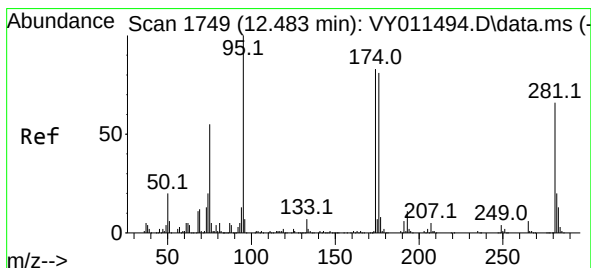
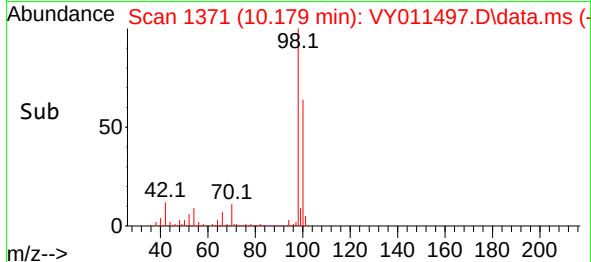
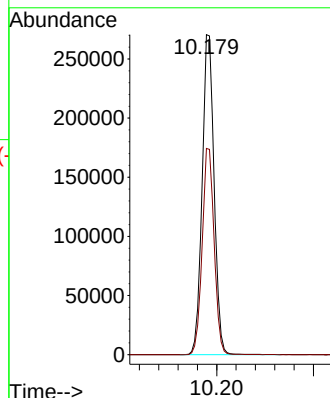
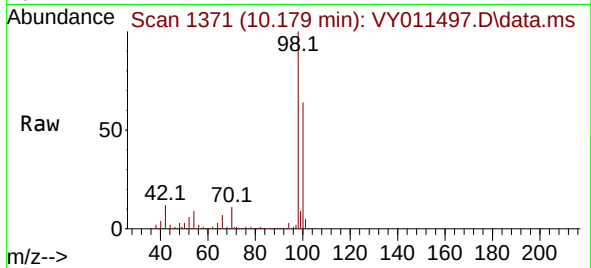




#50
Toluene-d8
Concen: 53.960 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011497.D
Acq: 18 Nov 2022 12:36

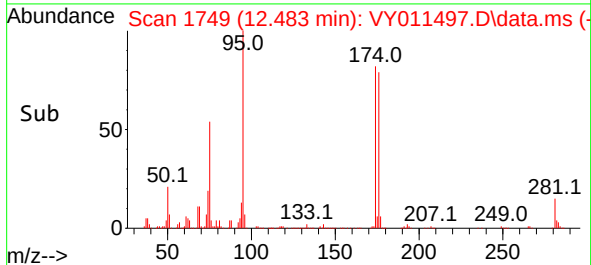
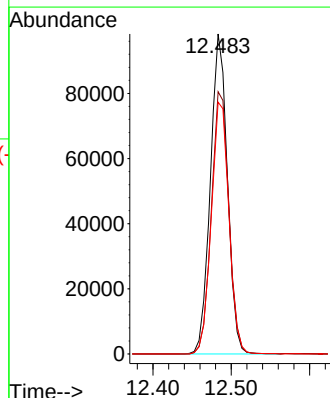
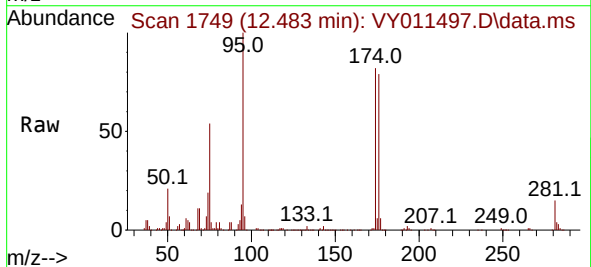
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

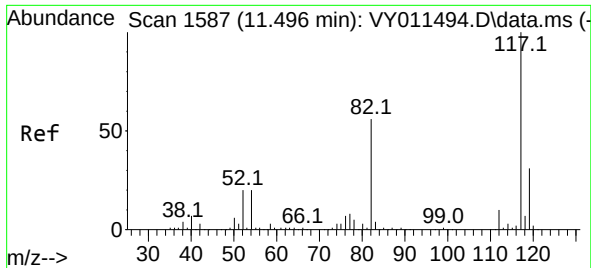
Tgt Ion: 98 Resp: 463813
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.651 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011497.D
Acq: 18 Nov 2022 12:36

Tgt Ion: 95 Resp: 148257
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 81.4 0.0 175.8

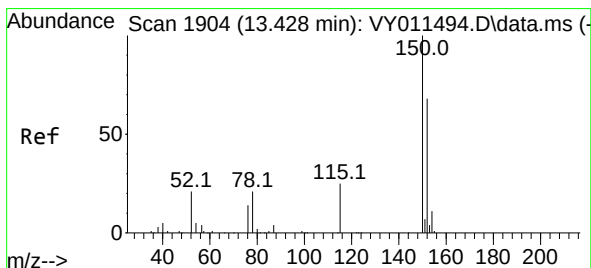
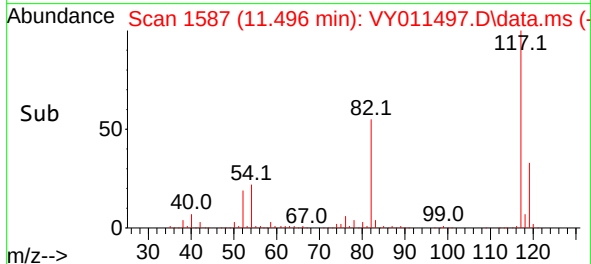
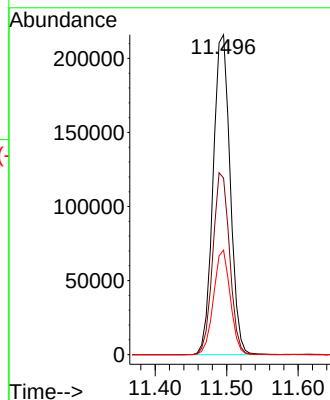
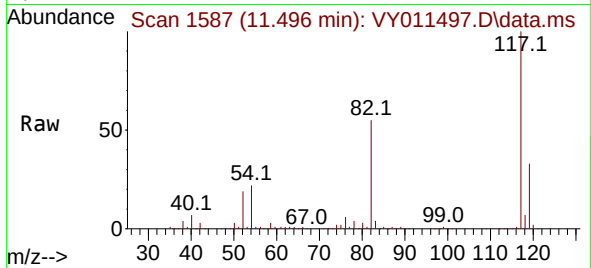




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011497.D
Acq: 18 Nov 2022 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 357437
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.7 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: VY011497.D
Acq: 18 Nov 2022 12:36

Tgt Ion:152 Resp: 155552
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 156.9 0.0 347.6

