

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011530.D
 Acq On : 21 Nov 2022 17:36
 Operator : KP/MD
 Sample : N5678-11RE
 Misc : 7.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FB-BP-BACKFILL-06RE

Quant Time: Nov 22 01:46:53 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	170899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	333139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143559	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	126436	72.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.720%
35) Dibromofluoromethane	7.722	113	109770	53.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.060%
50) Toluene-d8	10.179	98	413345	55.465	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.940%
62) 4-Bromofluorobenzene	12.483	95	135945	49.338	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.680%

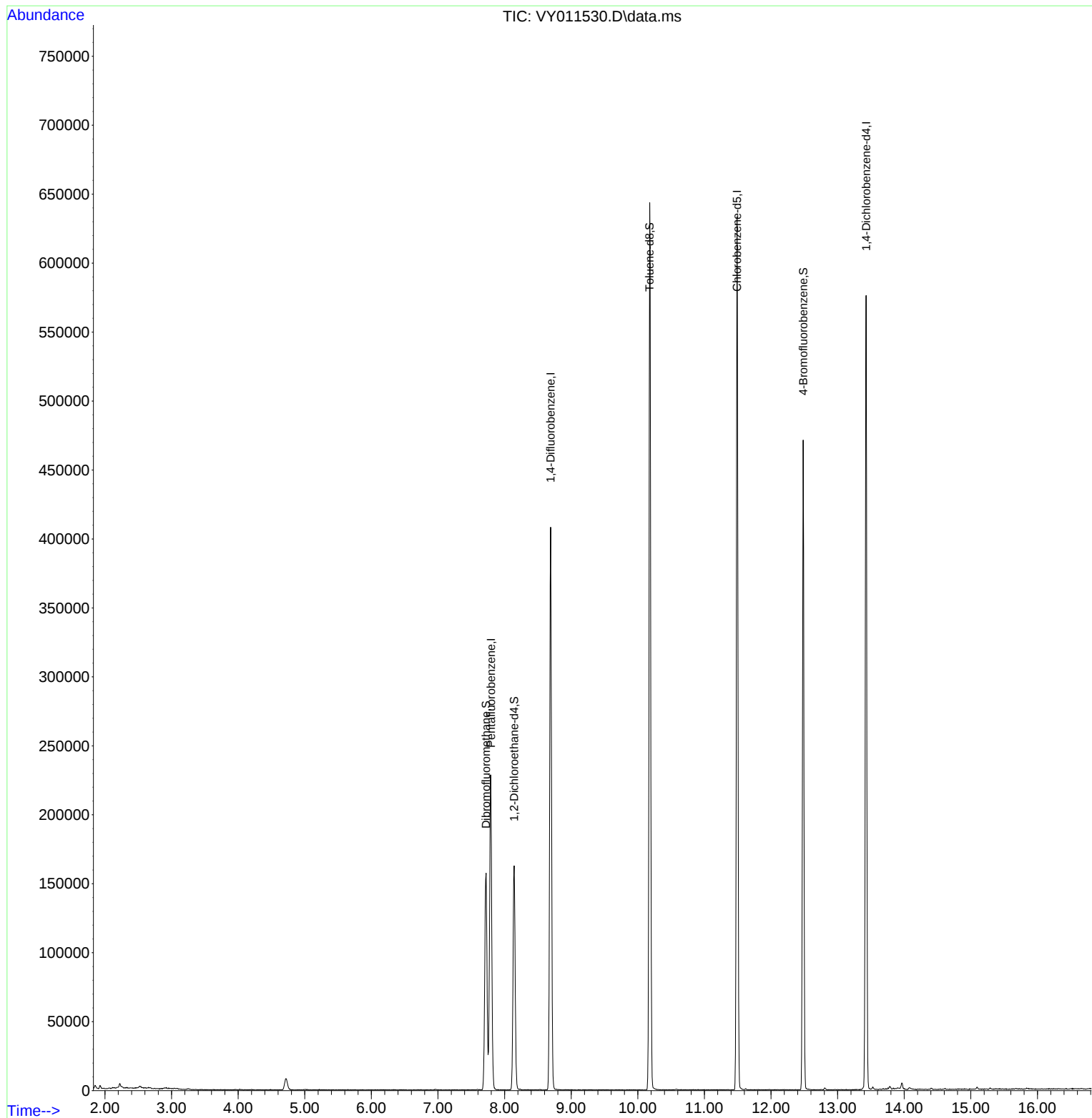
Target Compounds	Qvalue

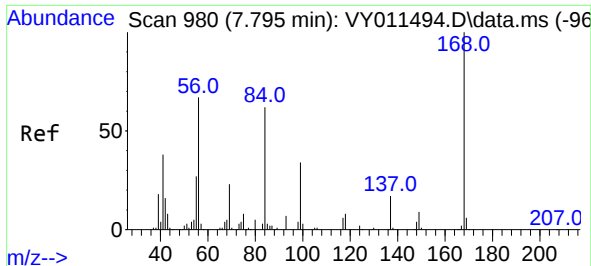
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
Data File : VY011530.D
Acq On : 21 Nov 2022 17:36
Operator : KP/MD
Sample : N5678-11RE
Misc : 7.35g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-06RE

Quant Time: Nov 22 01:46:53 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

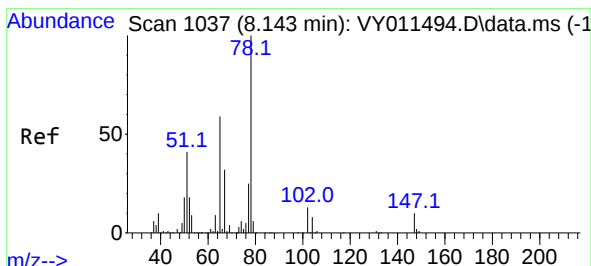
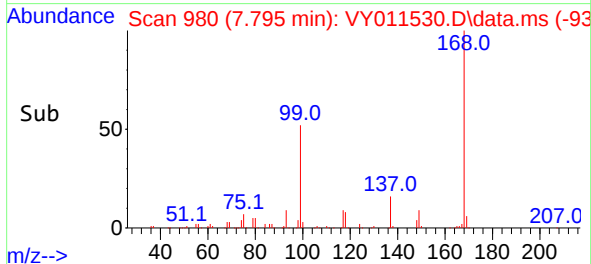
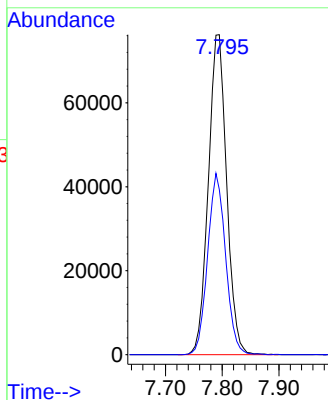
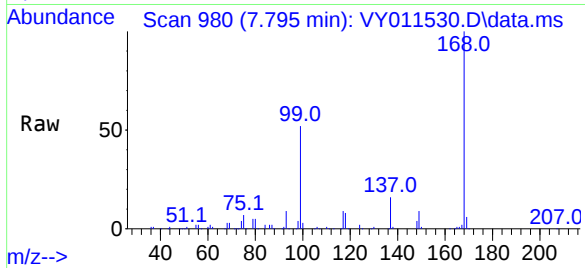




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

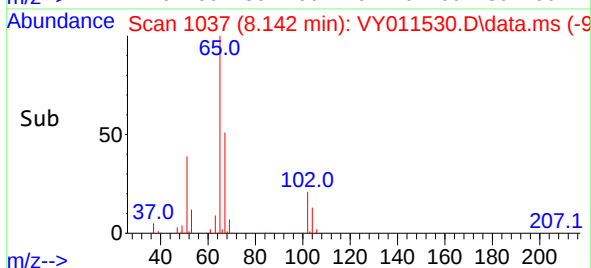
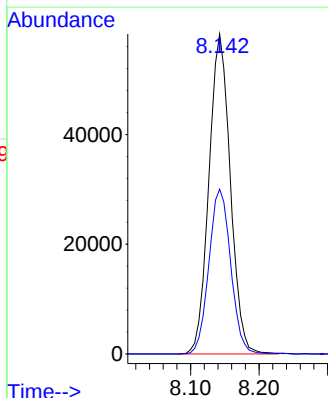
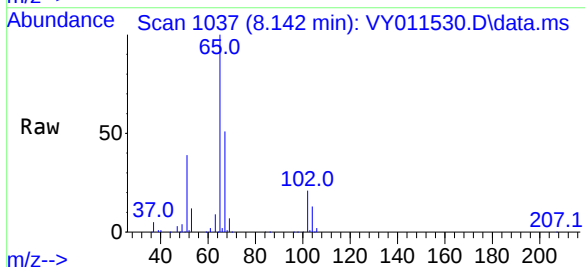
Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-06RE

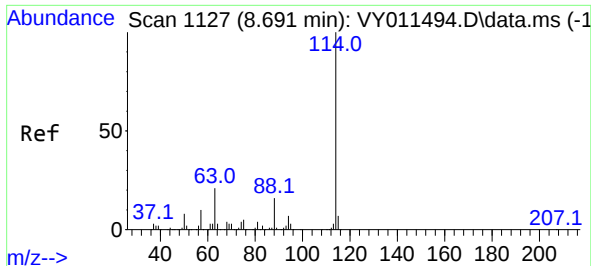
Tgt Ion:168 Resp: 170899
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 72.861 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

Tgt Ion: 65 Resp: 126436
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: VY011530.D

Acq: 21 Nov 2022 17:36

Instrument :

MSVOA_Y

ClientSampleId :

250FB-BP-BACKFILL-06RE

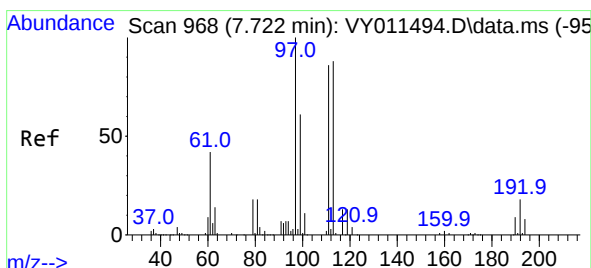
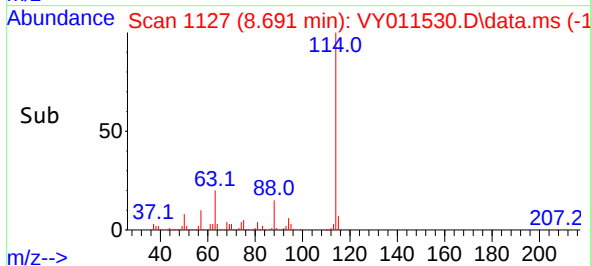
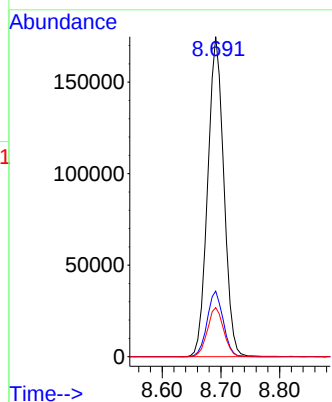
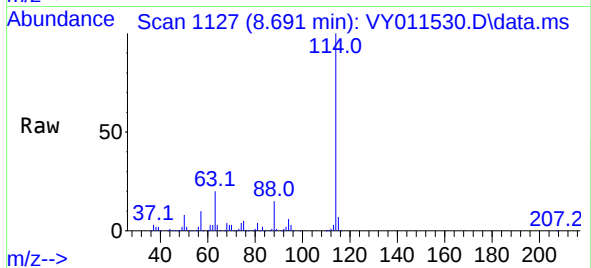
Tgt Ion:114 Resp: 333139

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.526 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011530.D

Acq: 21 Nov 2022 17:36

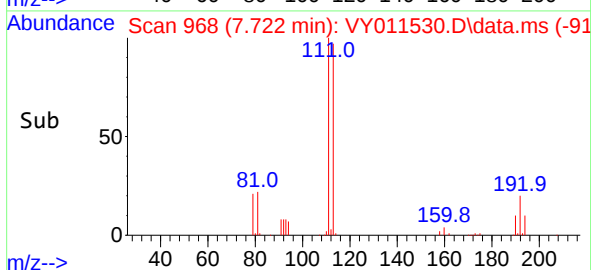
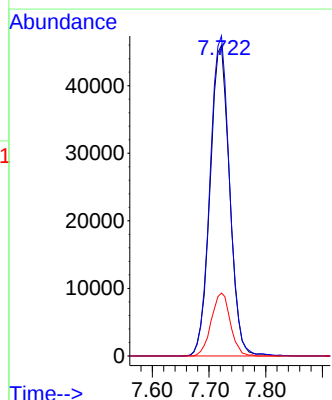
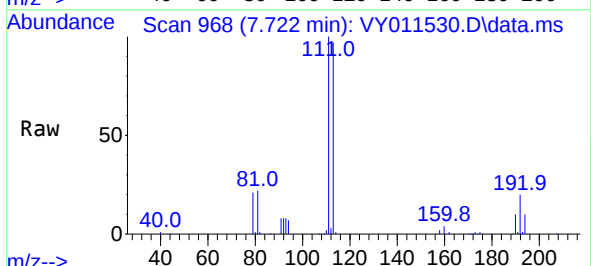
Tgt Ion:113 Resp: 109770

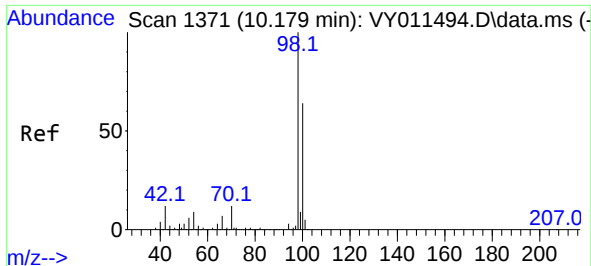
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.7 17.6 26.4

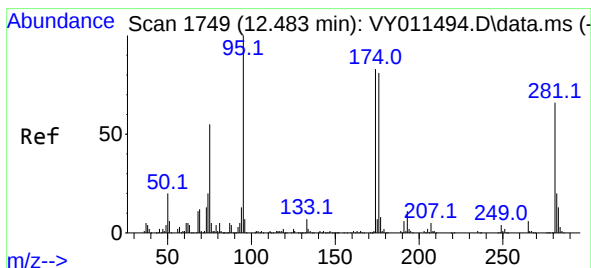
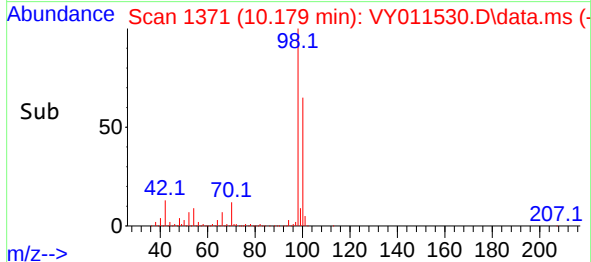
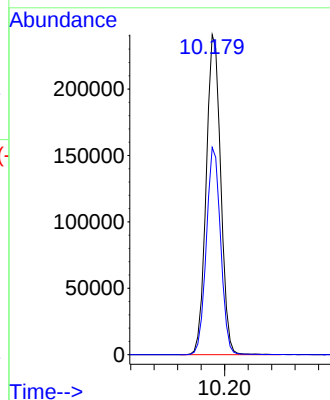
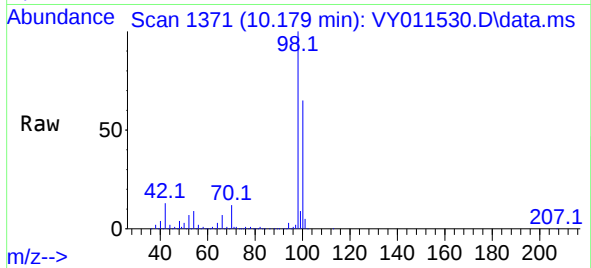




#50
Toluene-d8
Concen: 55.465 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

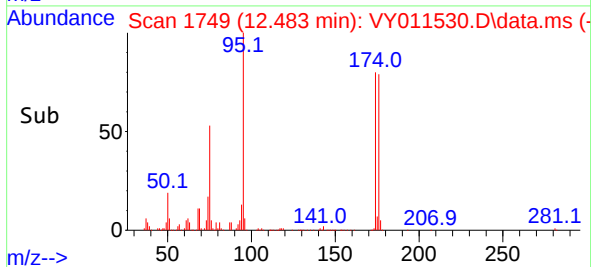
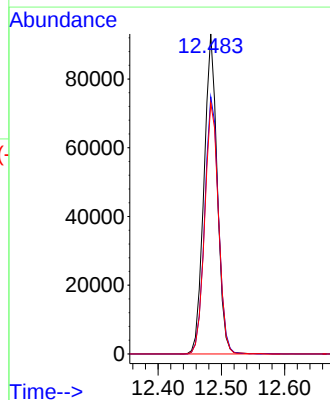
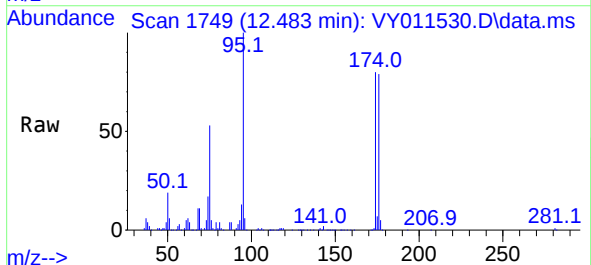
Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-06RE

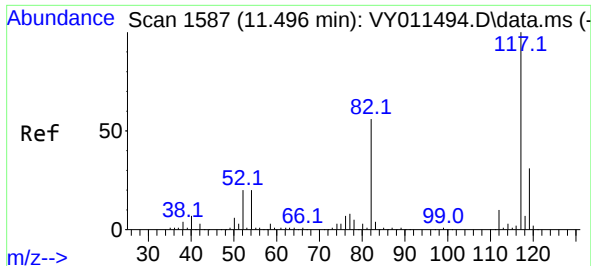
Tgt Ion: 98 Resp: 413345
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.338 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

Tgt Ion: 95 Resp: 135945
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 81.4 0.0 175.8

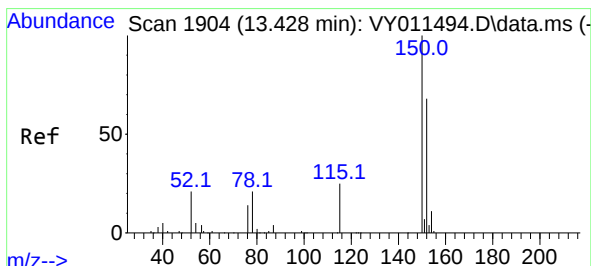
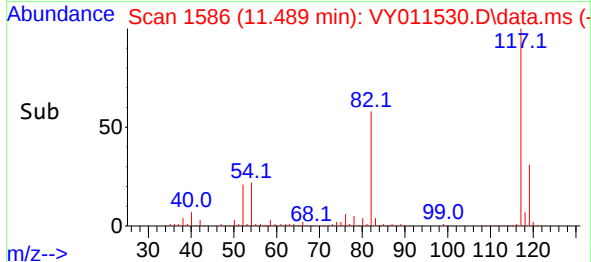
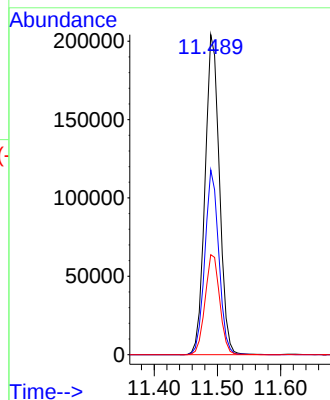
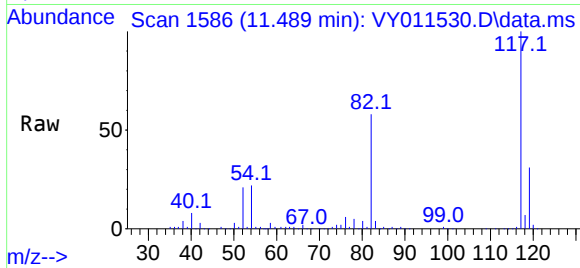




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011530.D
Acq: 21 Nov 2022 17:36

Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-06RE

Tgt Ion:117 Resp: 322681
Ion Ratio Lower Upper
117 100
82 57.8 43.0 64.4
119 31.2 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: VY011530.D
Acq: 21 Nov 2022 17:36

Tgt Ion:152 Resp: 143559
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.6 0.0 347.6

