

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011525.D
 Acq On : 21 Nov 2022 15:39
 Operator : KP/MD
 Sample : N5678-01RE
 Misc : 6.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FB-BP-BACKFILL-01RE

Quant Time: Nov 22 01:46:13 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	178928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	347041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	332193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149028	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129970	71.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.080%
35) Dibromofluoromethane	7.722	113	114269	53.488	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.980%
50) Toluene-d8	10.179	98	427031	55.006	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.020%
62) 4-Bromofluorobenzene	12.483	95	138277	48.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.340%

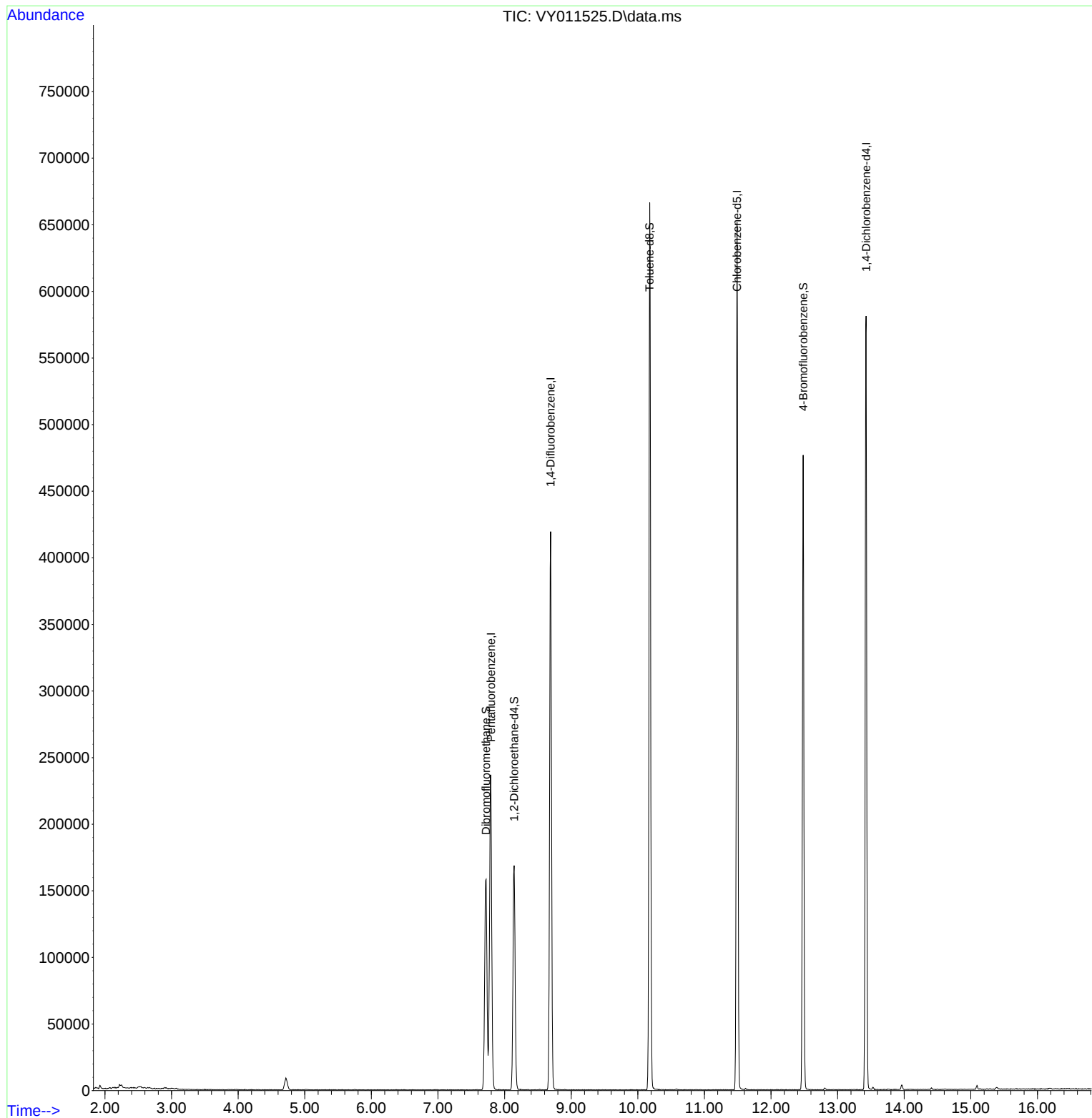
Target Compounds	Qvalue

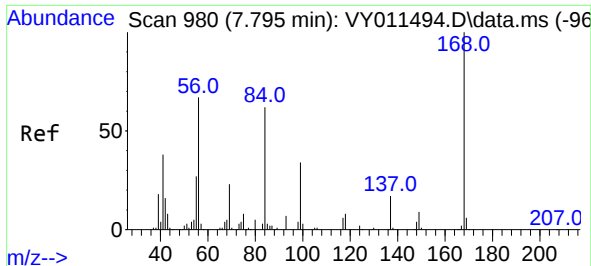
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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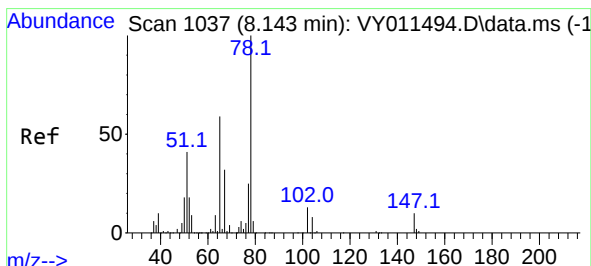
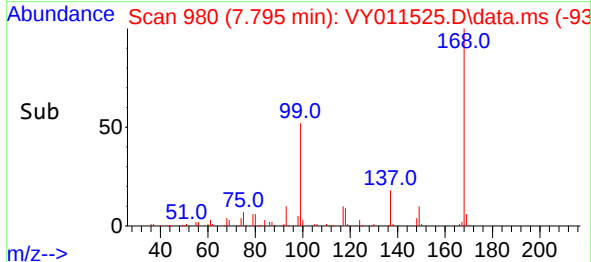
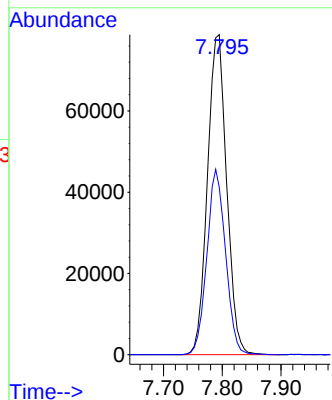
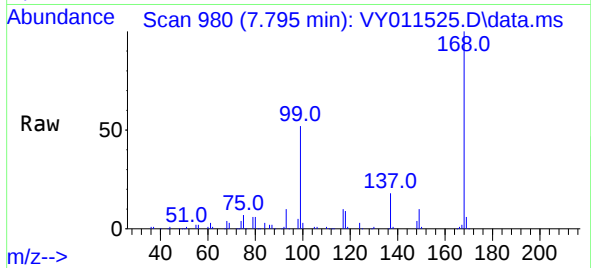




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

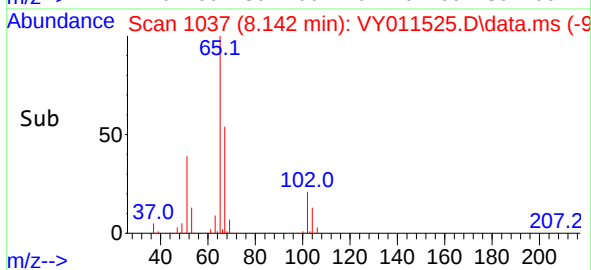
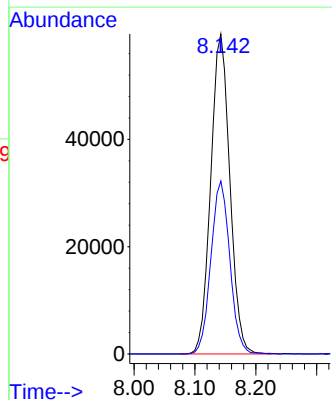
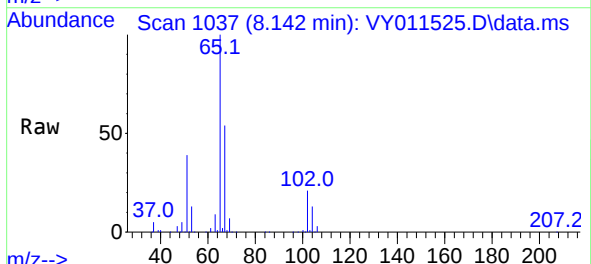
Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-01RE

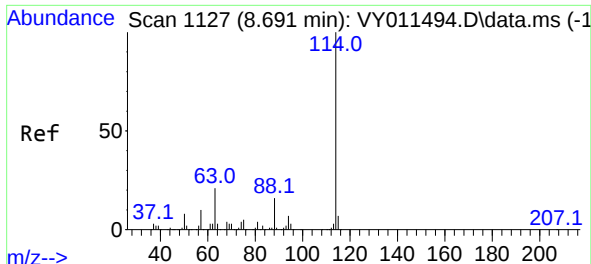
Tgt Ion:168 Resp: 178928
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 71.537 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

Tgt Ion: 65 Resp: 129970
Ion Ratio Lower Upper
65 100
67 53.6 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: VY011525.D

Acq: 21 Nov 2022 15:39

Instrument :

MSVOA_Y

ClientSampleId :

250FB-BP-BACKFILL-01RE

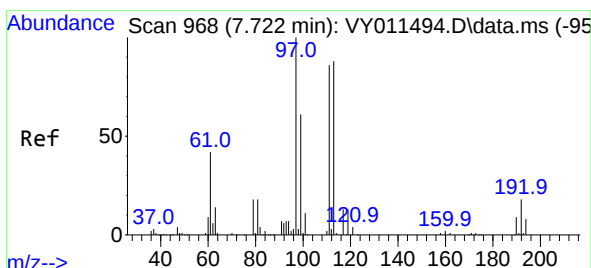
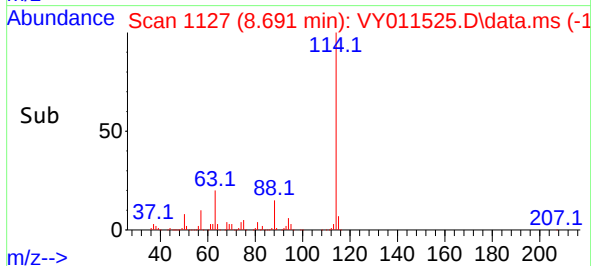
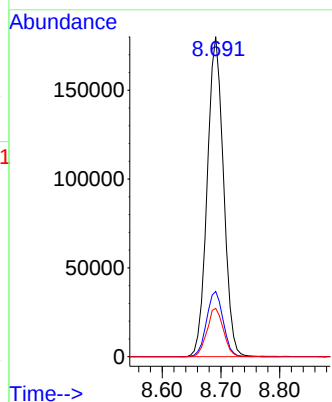
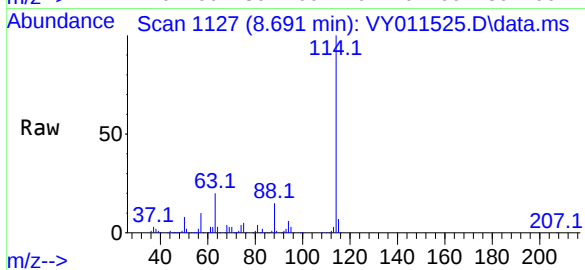
Tgt Ion:114 Resp: 347041

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.488 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011525.D

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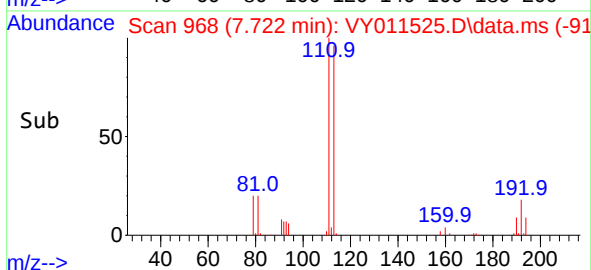
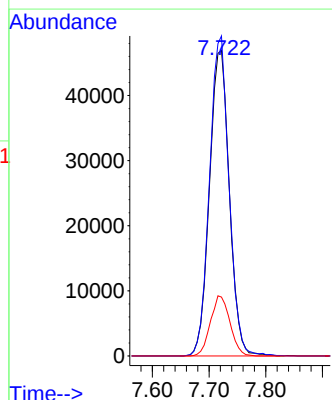
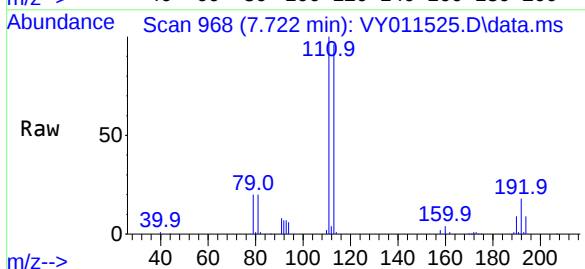
Tgt Ion:113 Resp: 114269

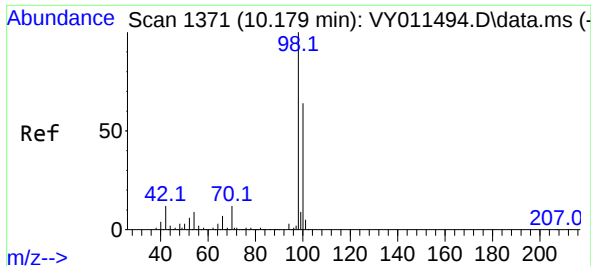
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 19.3 17.6 26.4

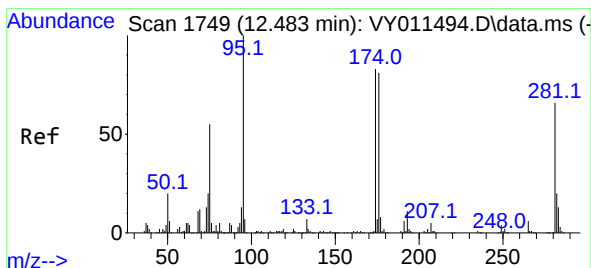
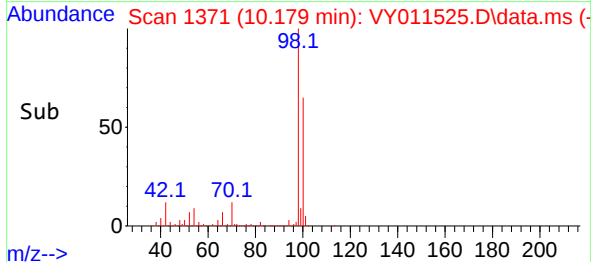
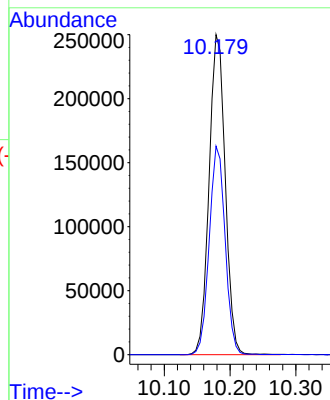
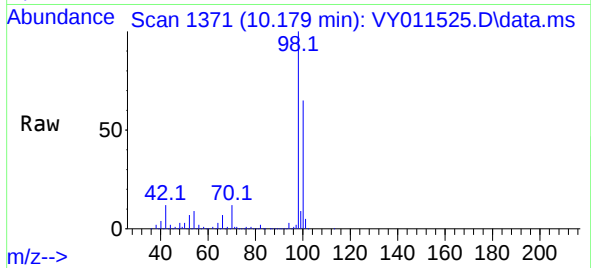




#50
Toluene-d8
Concen: 55.006 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

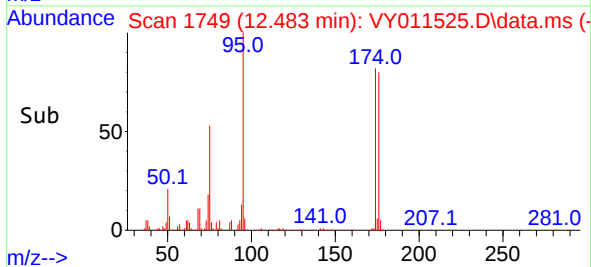
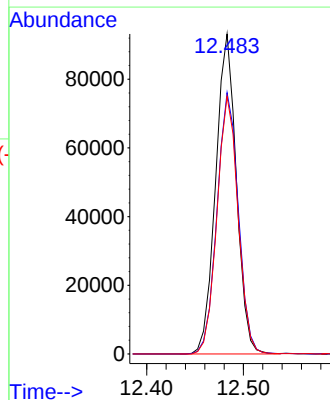
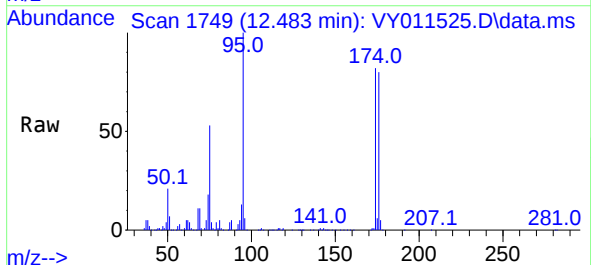
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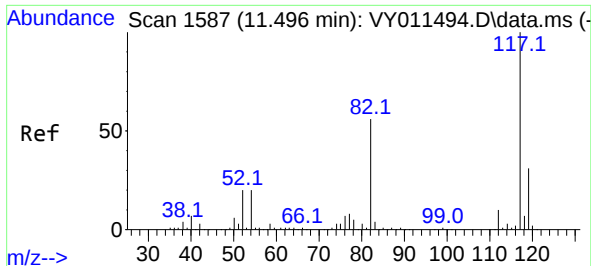
Tgt Ion: 98 Resp: 427031
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.174 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

Tgt Ion: 95 Resp: 138277
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 81.9 0.0 175.8

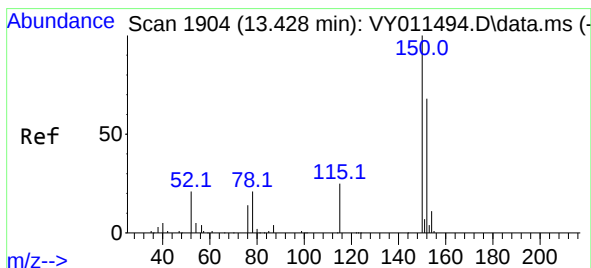
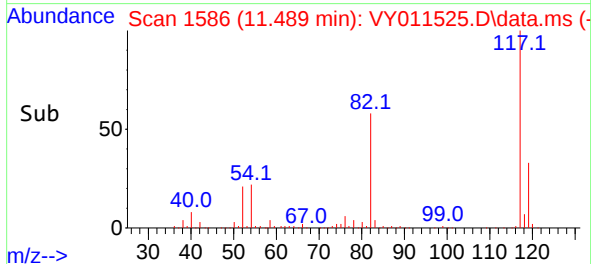
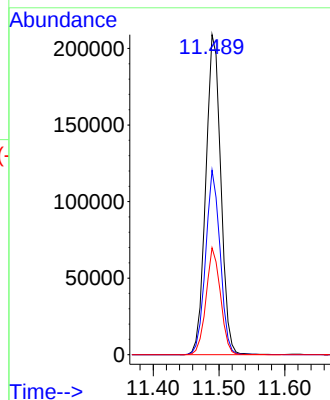
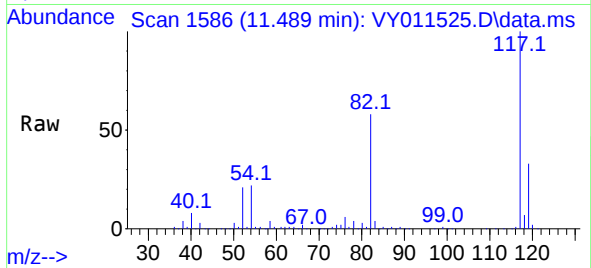




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011525.D
Acq: 21 Nov 2022 15:39

Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-01RE

Tgt Ion:117 Resp: 332193
Ion Ratio Lower Upper
117 100
82 57.7 43.0 64.4
119 33.4 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: VY011525.D
Acq: 21 Nov 2022 15:39

Tgt Ion:152 Resp: 149028
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 155.4 0.0 347.6

