

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011528.D
 Acq On : 21 Nov 2022 16:49
 Operator : KP/MD
 Sample : N5678-07RE
 Misc : 7.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FB-BP-BACKFILL-04RE

Quant Time: Nov 22 01:46:37 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	7.789	168	171439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	333057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	323796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	129145	74.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.380%
35) Dibromofluoromethane	7.716	113	110668	53.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.960%
50) Toluene-d8	10.179	98	414166	55.589	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.180%
62) 4-Bromofluorobenzene	12.483	95	134906	48.973	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.940%

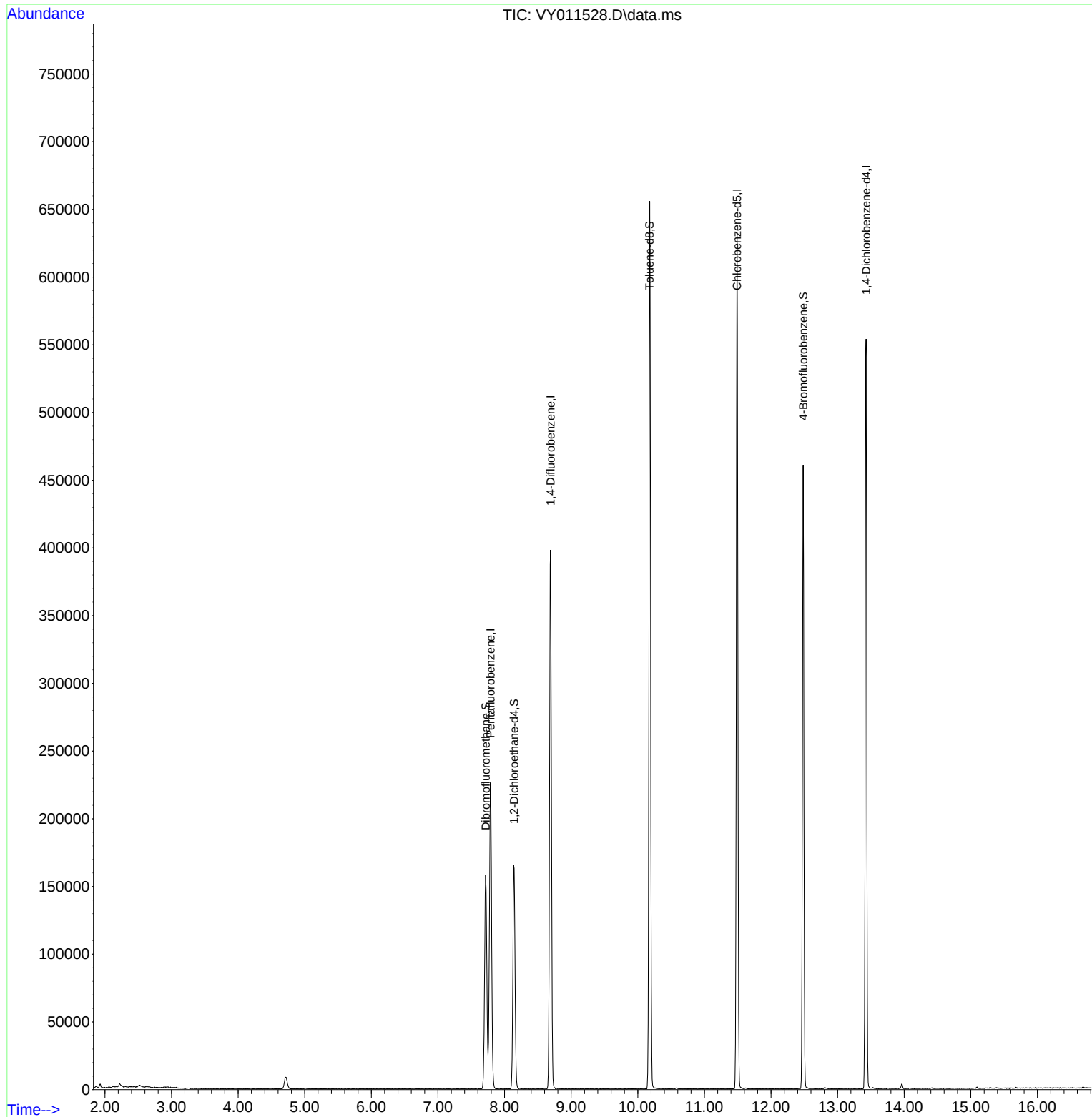
Target Compounds	Qvalue

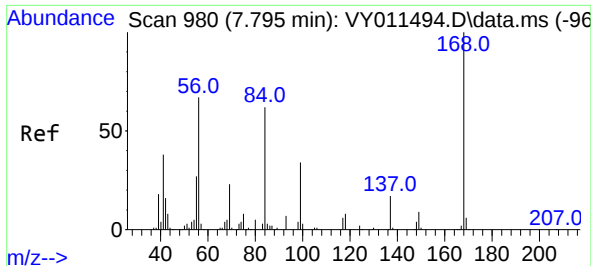
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY011528.D

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Instrument :

MSVOA_Y

ClientSampleId :

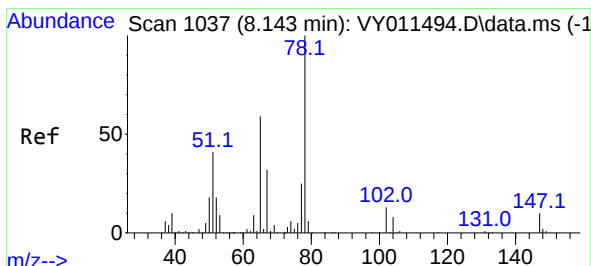
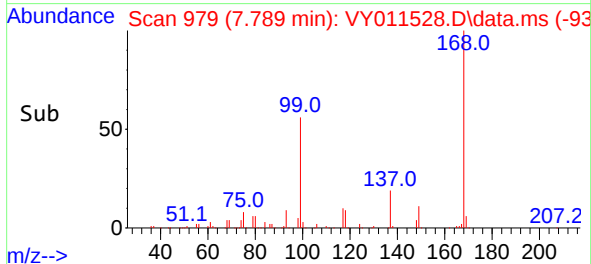
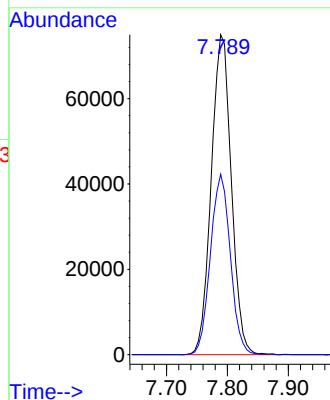
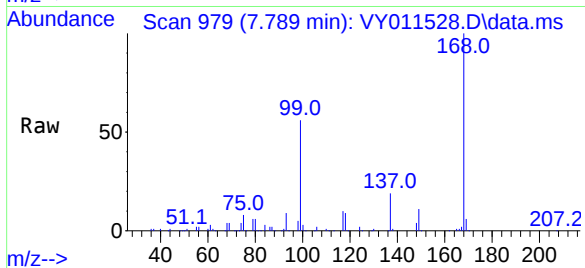
250FB-BP-BACKFILL-04RE

Tgt Ion:168 Resp: 171439

Ion Ratio Lower Upper

168 100

99 56.4 46.9 70.3



#33

1,2-Dichloroethane-d4

Concen: 74.188 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011528.D

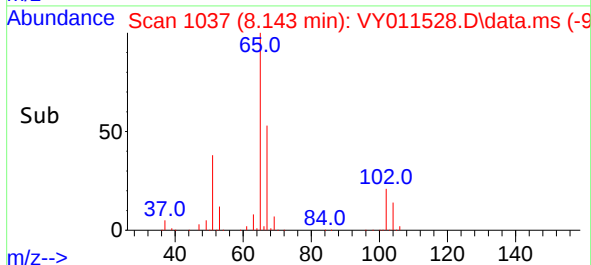
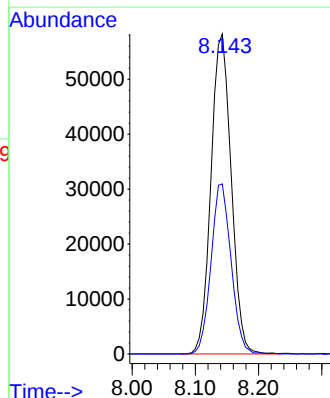
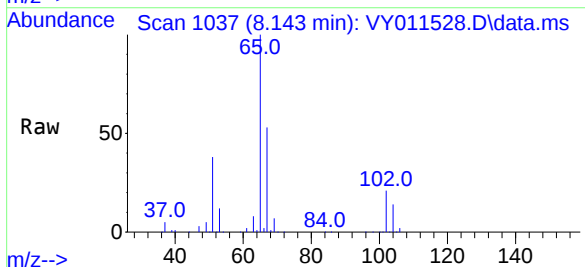
Acq: 21 Nov 2022 16:49

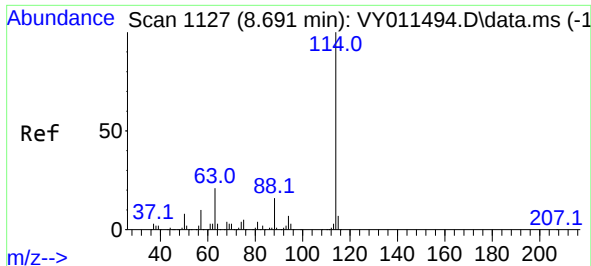
Tgt Ion: 65 Resp: 129145

Ion Ratio Lower Upper

65 100

67 52.7 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: VY011528.D

Acq: 21 Nov 2022 16:49

Instrument :

MSVOA_Y

ClientSampleId :

250FB-BP-BACKFILL-04RE

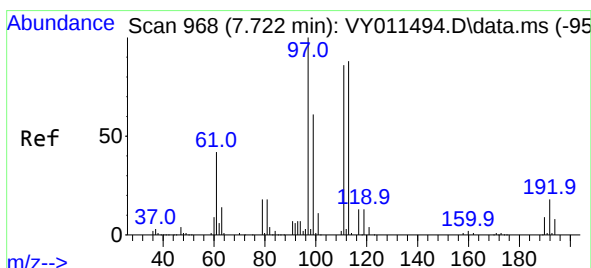
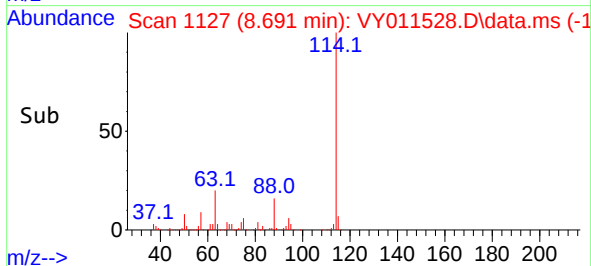
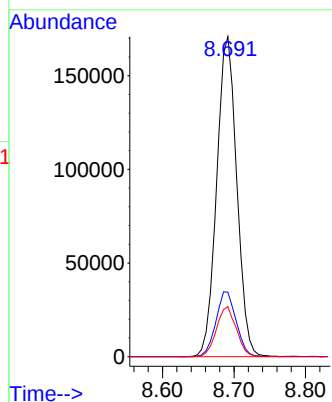
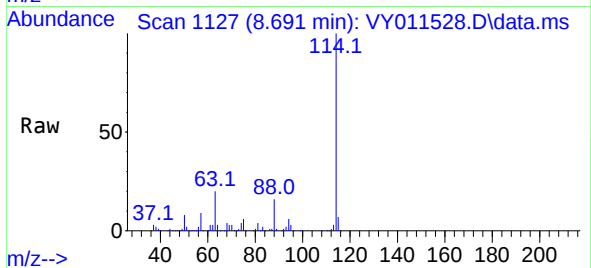
Tgt Ion:114 Resp: 333057

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.977 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011528.D

Acq: 21 Nov 2022 16:49

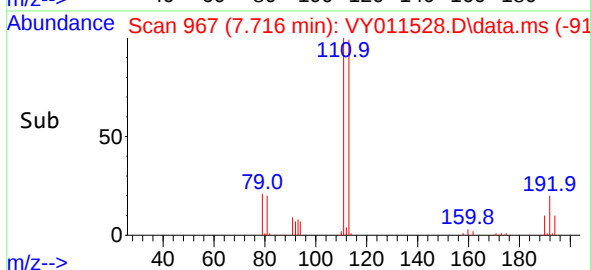
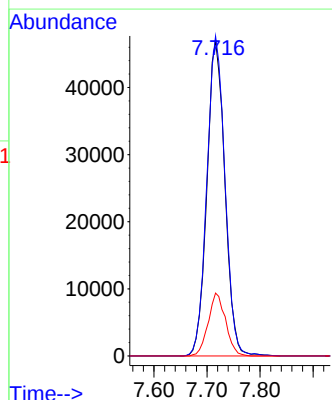
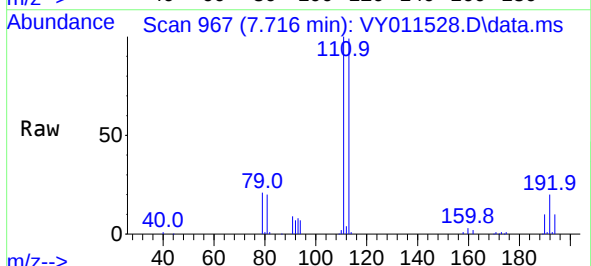
Tgt Ion:113 Resp: 110668

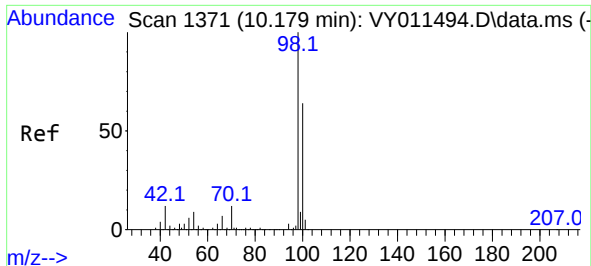
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 19.3 17.6 26.4

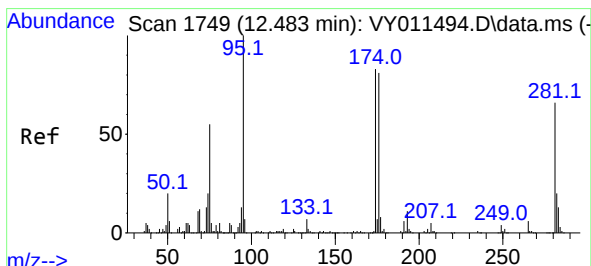
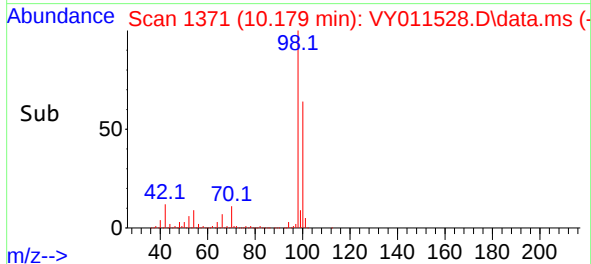
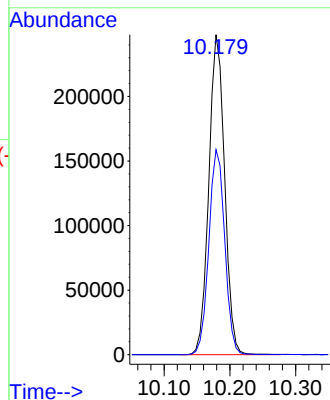
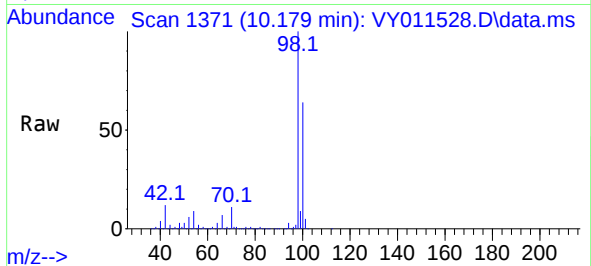




#50
Toluene-d8
Concen: 55.589 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

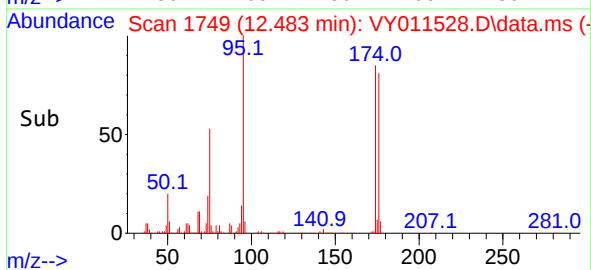
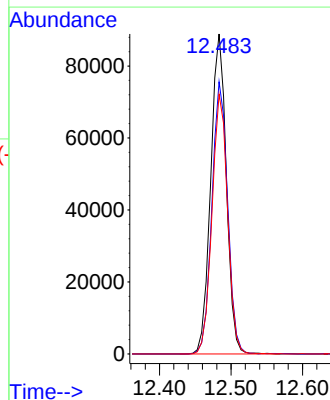
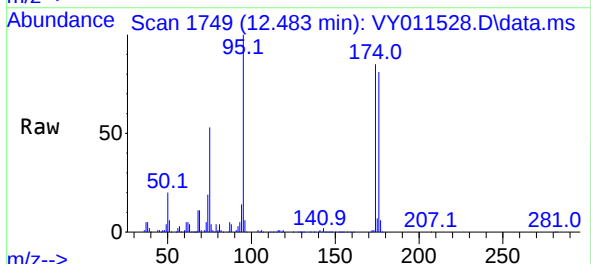
Instrument :
MSVOA_Y
ClientSampleId :
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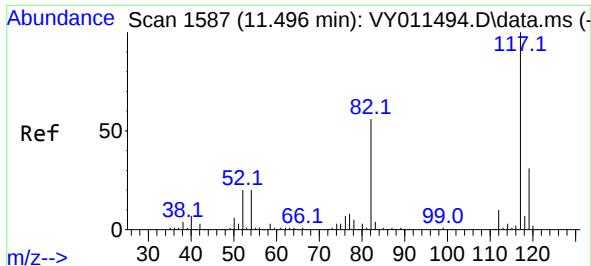
Tgt Ion: 98 Resp: 414166
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.973 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

Tgt Ion: 95 Resp: 134906
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.2 0.0 175.8

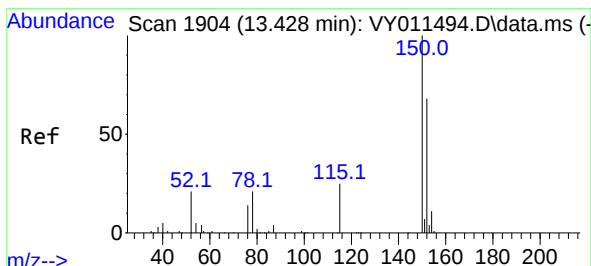
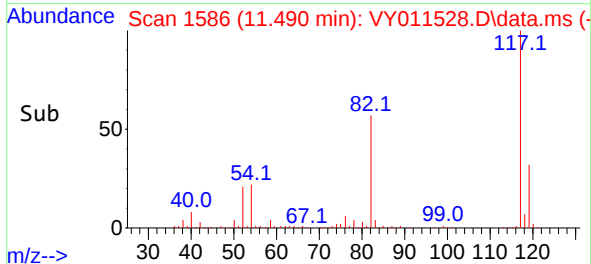
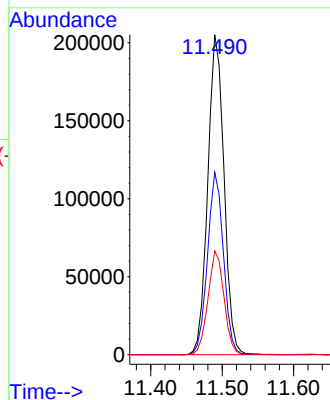
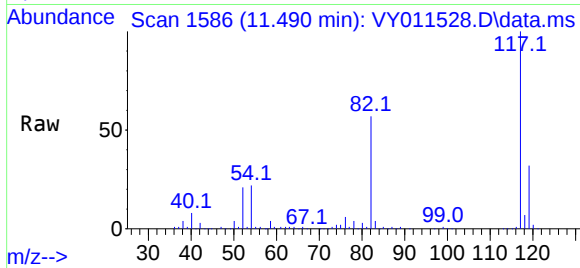




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-04RE

Tgt Ion:117 Resp: 323796
Ion Ratio Lower Upper
117 100
82 57.0 43.0 64.4
119 32.5 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: VY011528.D
Acq: 21 Nov 2022 16:49

Tgt Ion:152 Resp: 141543
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 158.7 0.0 347.6

