

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
 Data File : VY011625.D
 Acq On : 29 Nov 2022 16:20
 Operator : KP/MD
 Sample : N5803-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PEQ-STOCK

Quant Time: Nov 30 04:44:18 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	183512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	346336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	330073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141222	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	132562	71.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.280%
35) Dibromofluoromethane	7.716	113	114071	53.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.000%
50) Toluene-d8	10.179	98	427714	55.206	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.420%
62) 4-Bromofluorobenzene	12.483	95	134117	46.820	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.640%

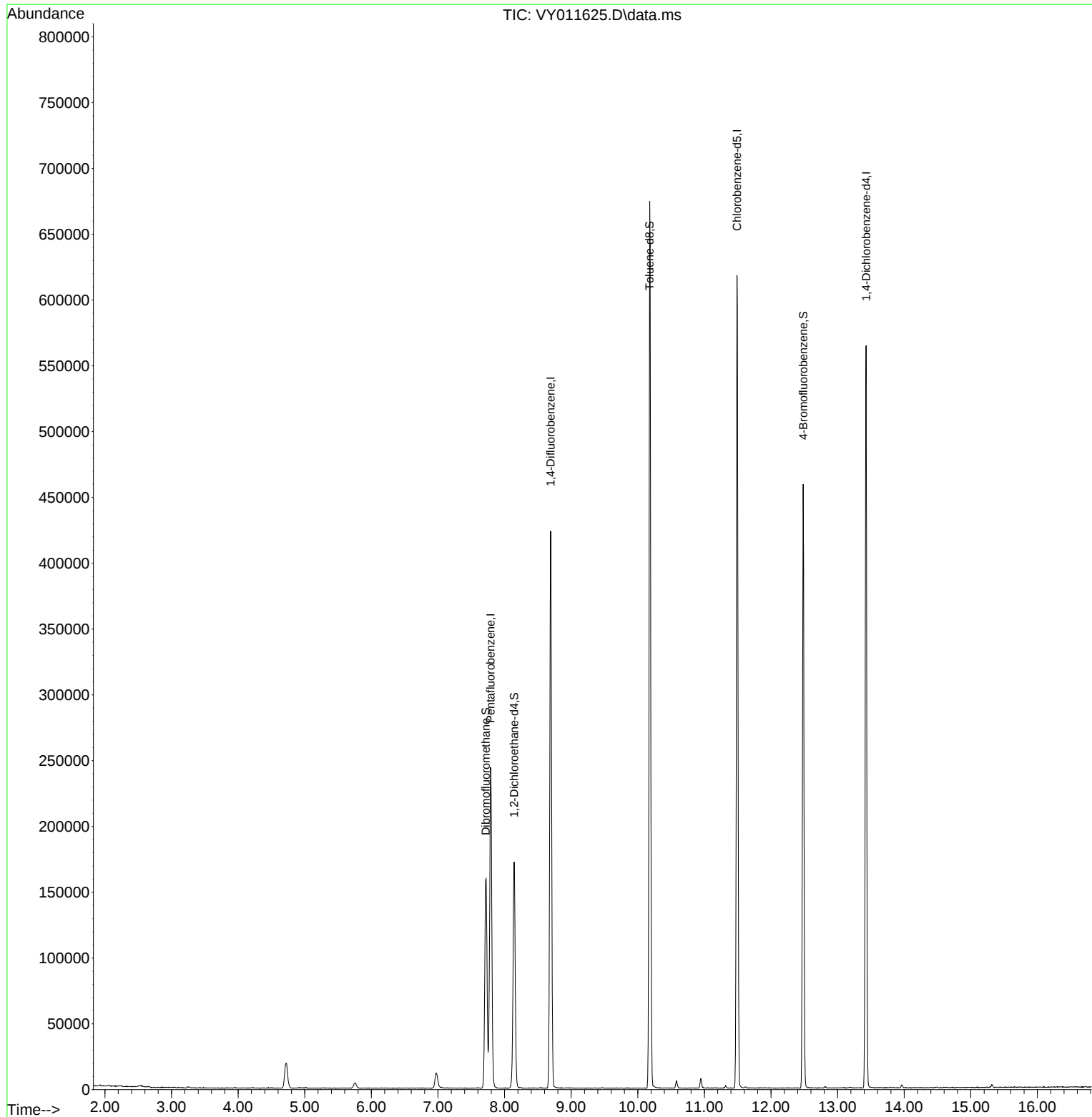
Target Compounds	Qvalue

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

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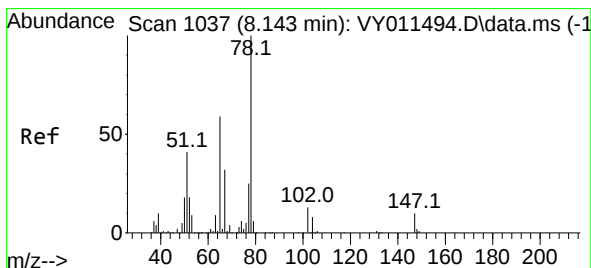
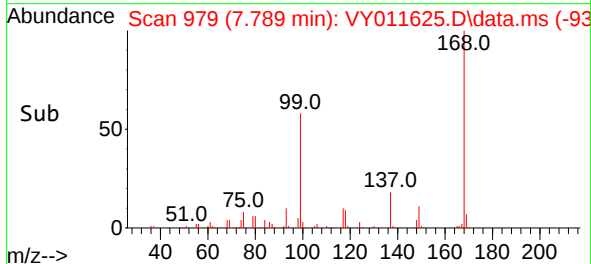
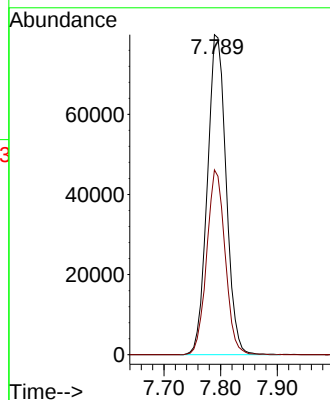
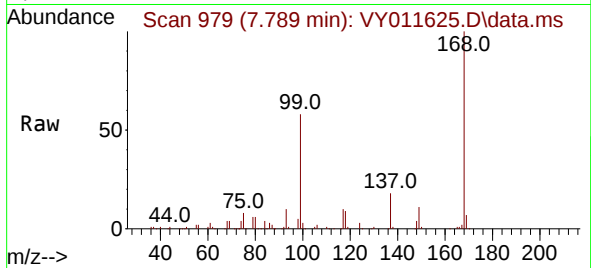




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

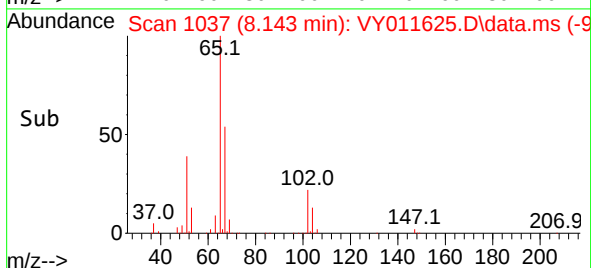
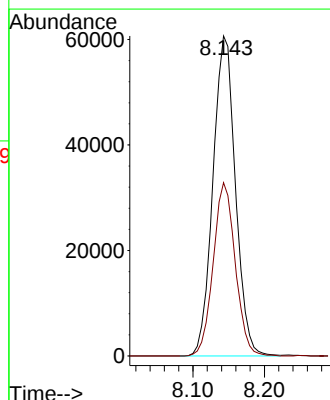
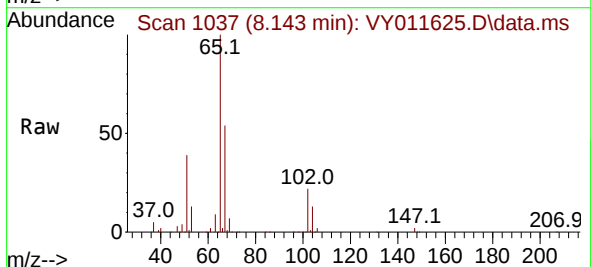
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

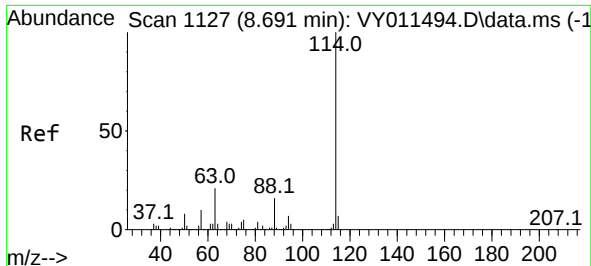
Tgt Ion:168 Resp: 183512
Ion Ratio Lower Upper
168 100
99 57.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 71.141 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

Tgt Ion: 65 Resp: 132562
Ion Ratio Lower Upper
65 100
67 53.0 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: VY011625.D

Acq: 29 Nov 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

PEQ-STOCK

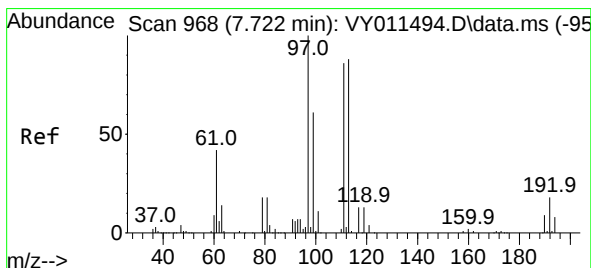
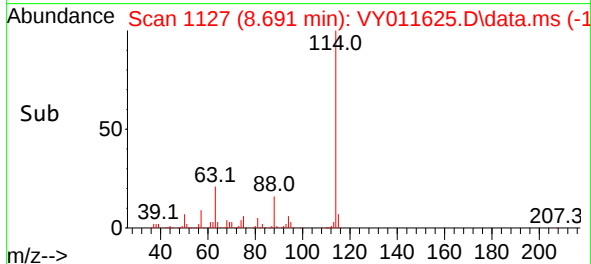
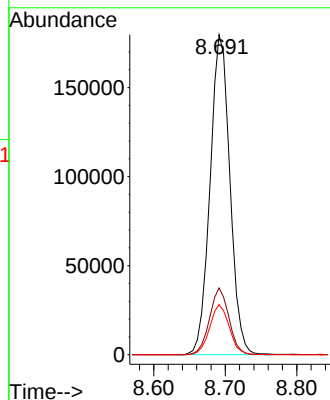
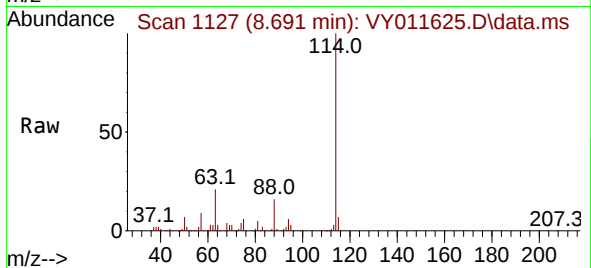
Tgt Ion:114 Resp: 346336

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.504 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011625.D

Acq: 29 Nov 2022 16:20

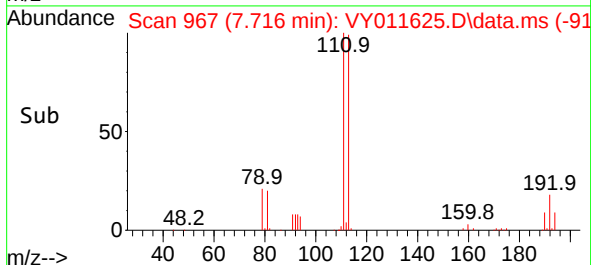
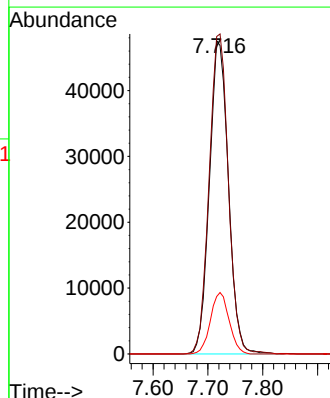
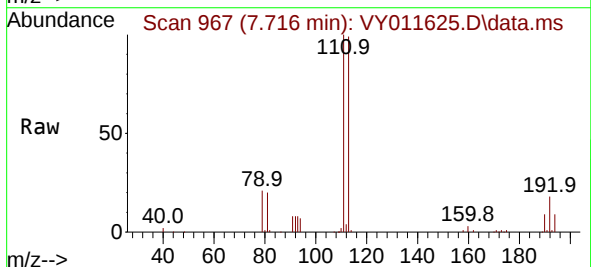
Tgt Ion:113 Resp: 114071

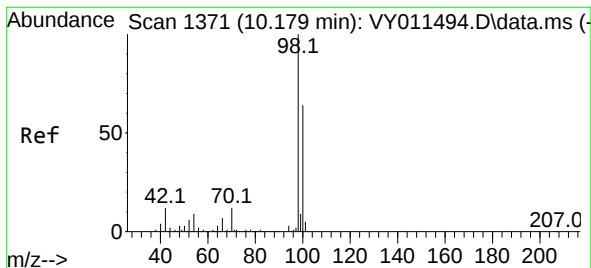
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.3 17.6 26.4

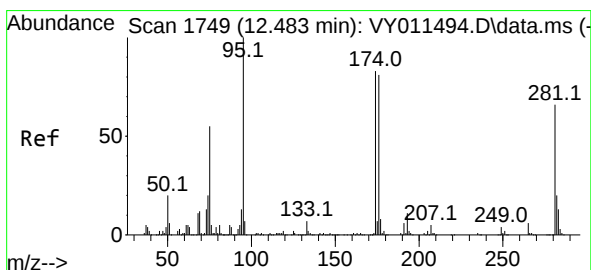
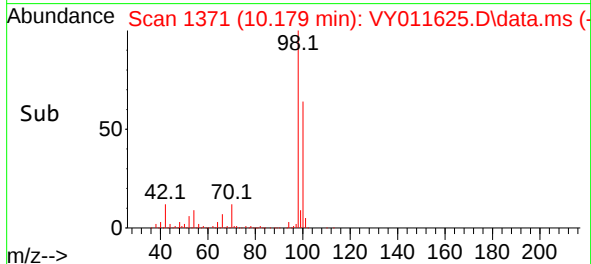
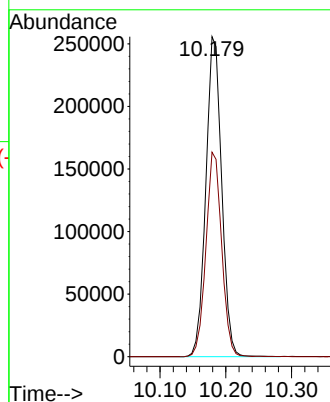
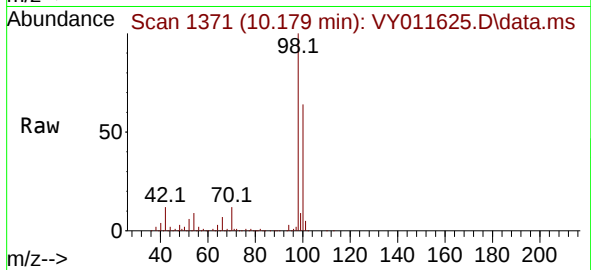




#50
Toluene-d8
Concen: 55.206 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

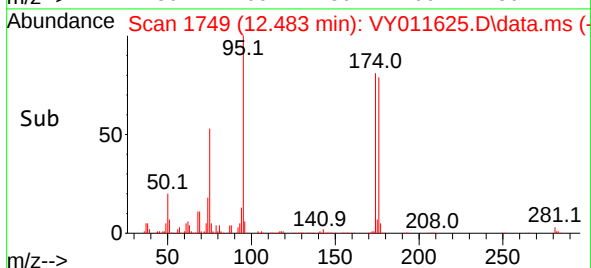
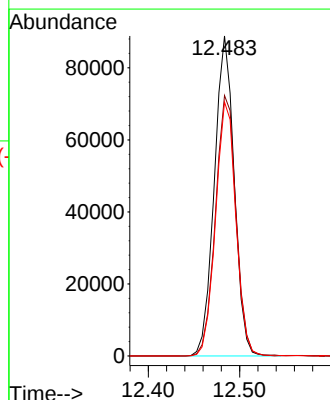
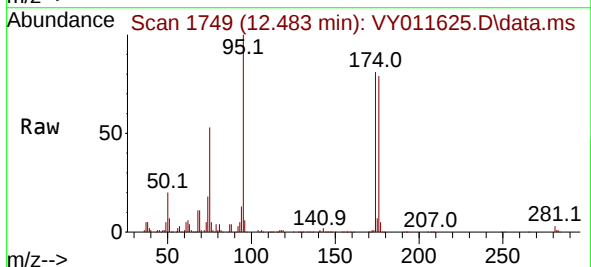
Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 427714
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.820 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

Tgt Ion: 95 Resp: 134117
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 80.9 0.0 175.8

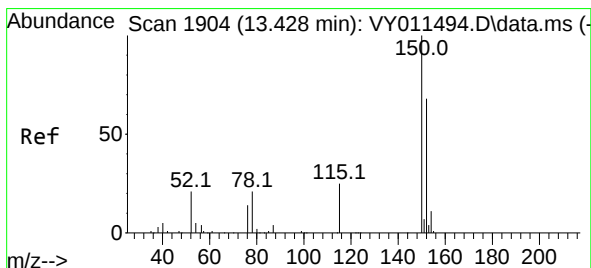
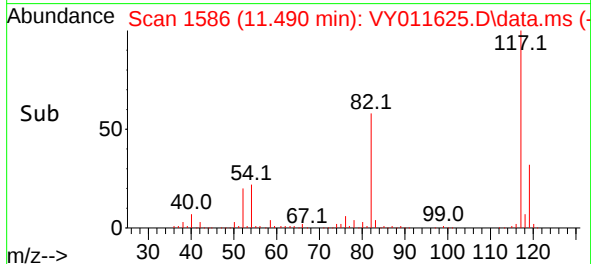
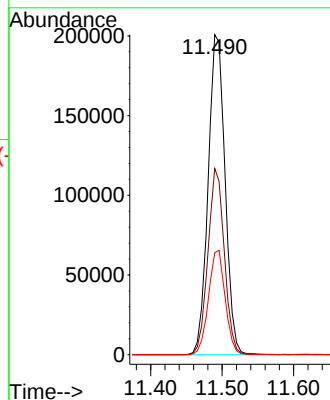
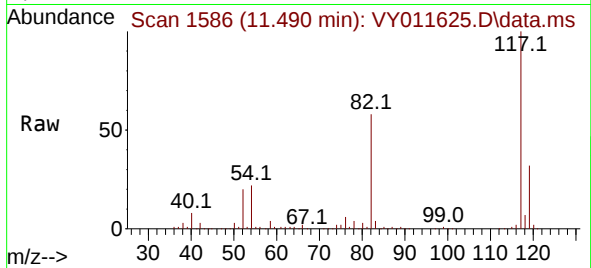




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011625.D
Acq: 29 Nov 2022 16:20

Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

Tgt Ion:117 Resp: 330073
Ion Ratio Lower Upper
117 100
82 58.2 43.0 64.4
119 31.9 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: VY011625.D
Acq: 29 Nov 2022 16:20

Tgt Ion:152 Resp: 141222
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 157.3 0.0 347.6

