

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011608.D
 Acq On : 28 Nov 2022 18:40
 Operator : KP/MD
 Sample : N5791-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WSH-STOCK-1128

Quant Time: Nov 29 00:26:47 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	182392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	342087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128870	69.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.160%
35) Dibromofluoromethane	7.716	113	113190	53.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.500%
50) Toluene-d8	10.179	98	422308	55.186	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.380%
62) 4-Bromofluorobenzene	12.483	95	135961	48.054	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.100%

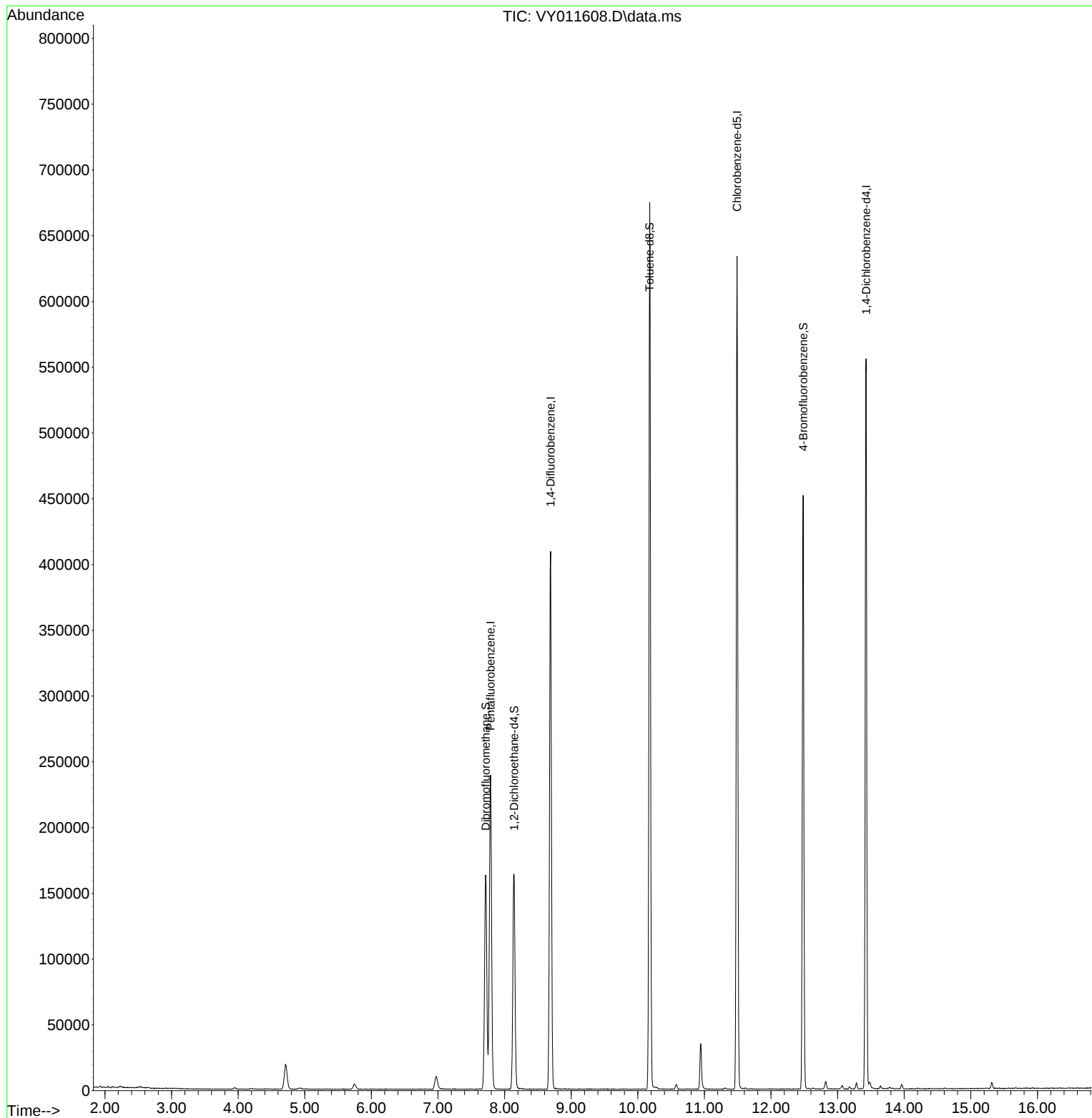
Target Compounds	Qvalue

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

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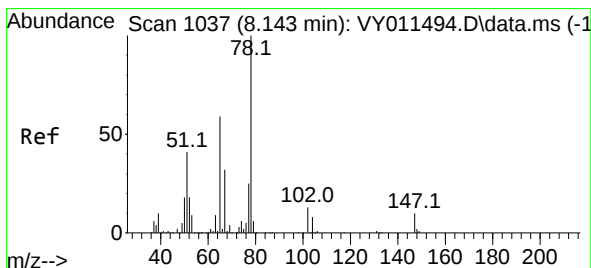
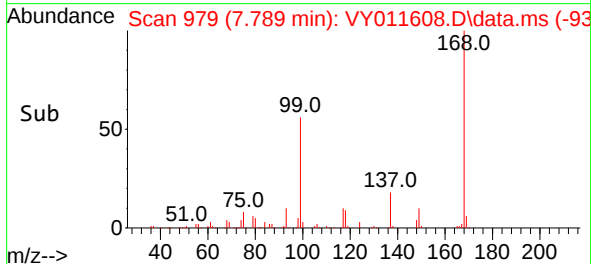
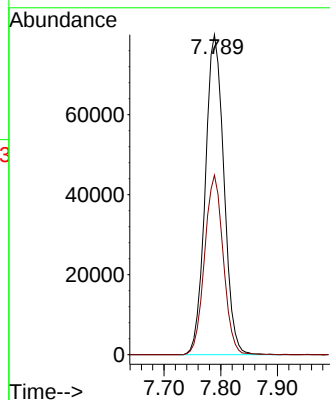
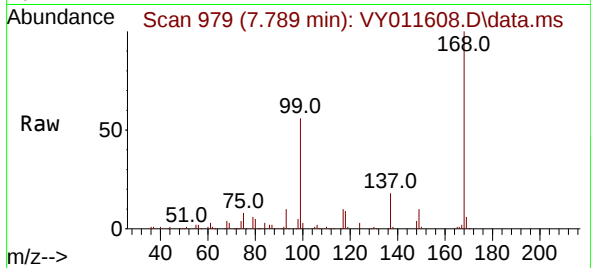




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

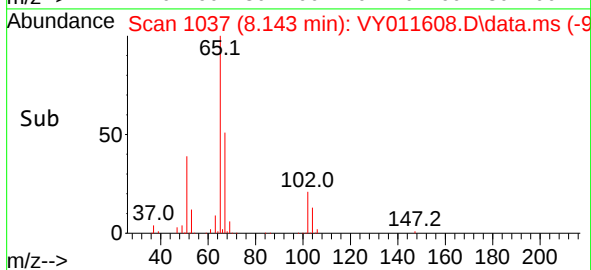
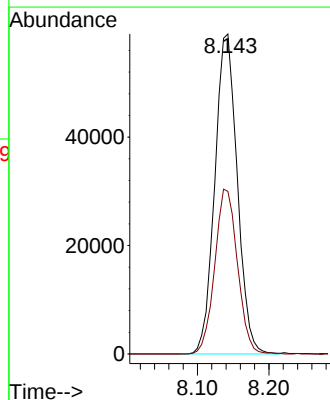
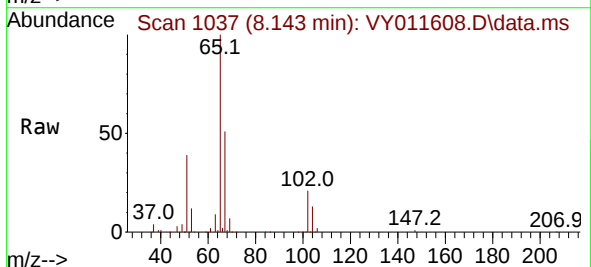
Instrument :
MSVOA_Y
ClientSampleId :
WSH-STOCK-1128

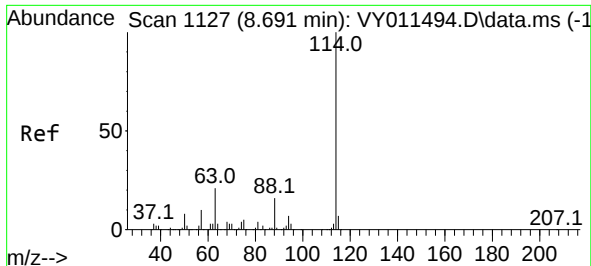
Tgt Ion:168 Resp: 182392
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.584 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

Tgt Ion: 65 Resp: 128870
Ion Ratio Lower Upper
65 100
67 52.0 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: VY011608.D

Acq: 28 Nov 2022 18:40

Instrument :

MSVOA_Y

ClientSampleId :

WSH-STOCK-1128

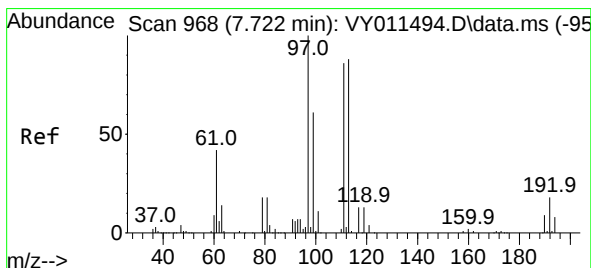
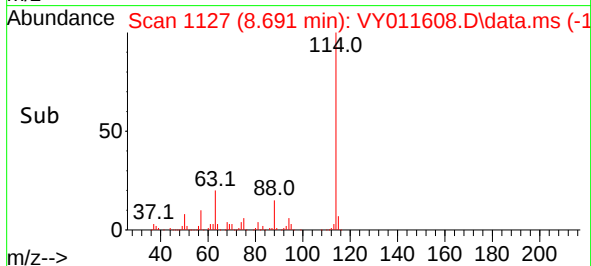
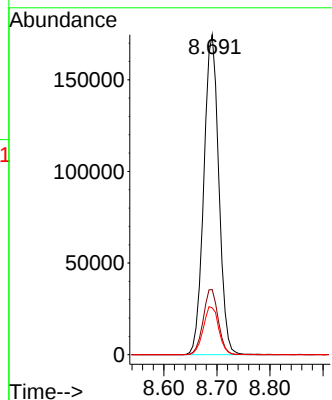
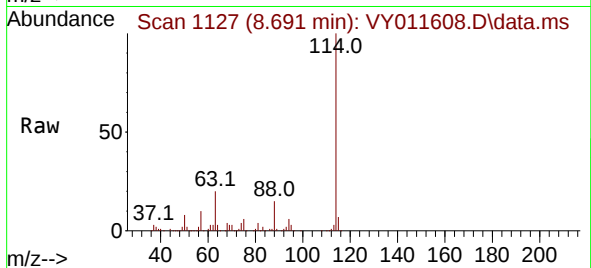
Tgt Ion:114 Resp: 342087

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.750 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011608.D

Acq: 28 Nov 2022 18:40

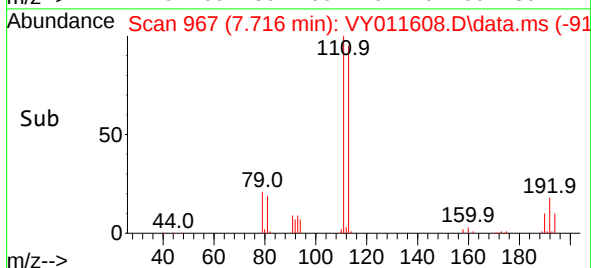
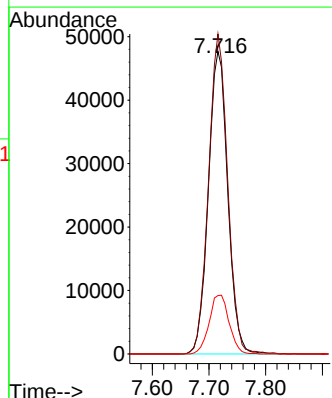
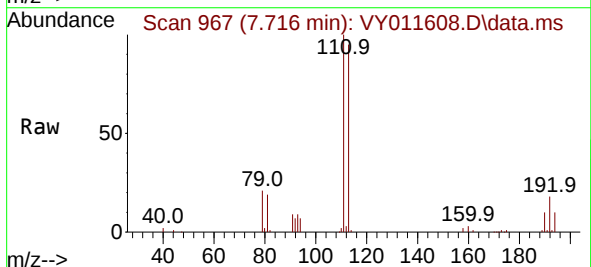
Tgt Ion:113 Resp: 113190

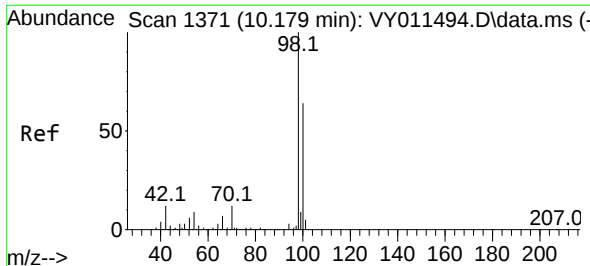
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 20.0 17.6 26.4

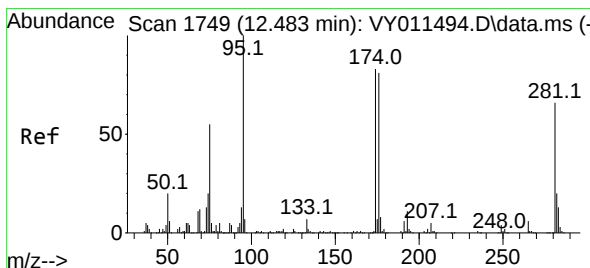
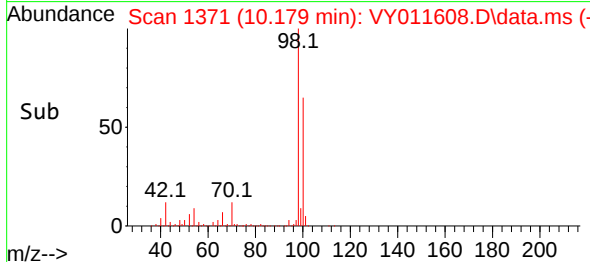
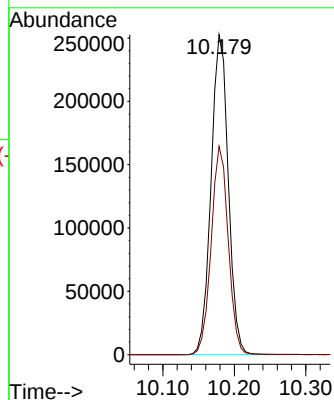
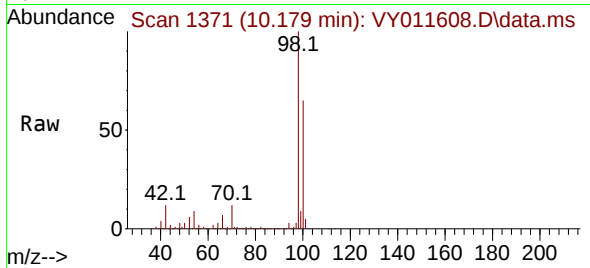




#50
Toluene-d8
Concen: 55.186 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

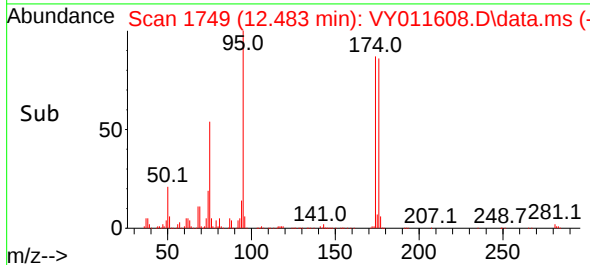
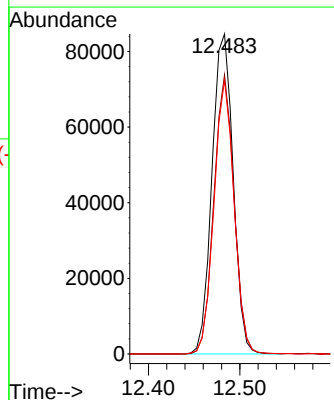
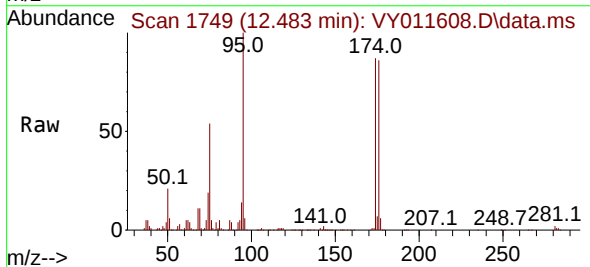
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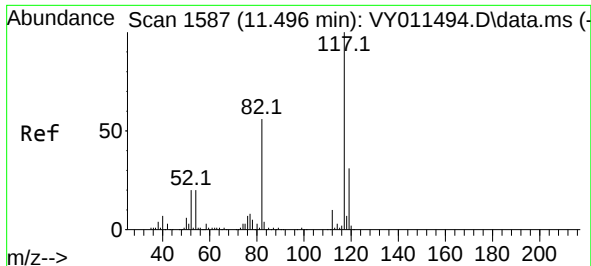
Tgt Ion: 98 Resp: 422308
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.054 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

Tgt Ion: 95 Resp: 135961
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 81.4 0.0 175.8

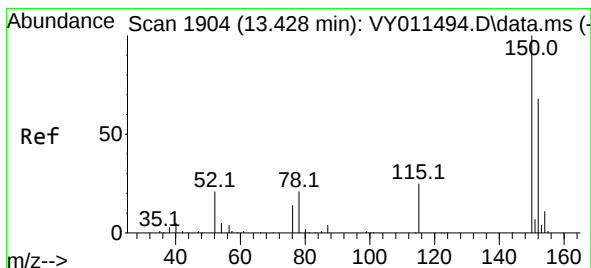
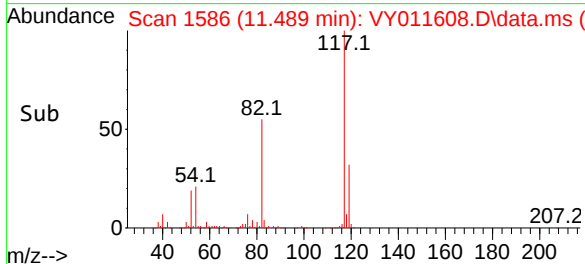
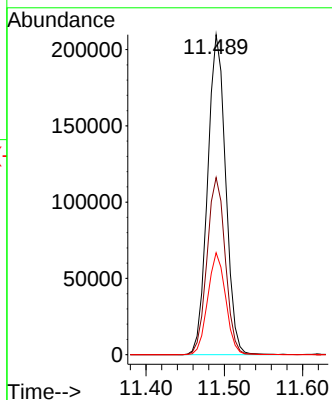
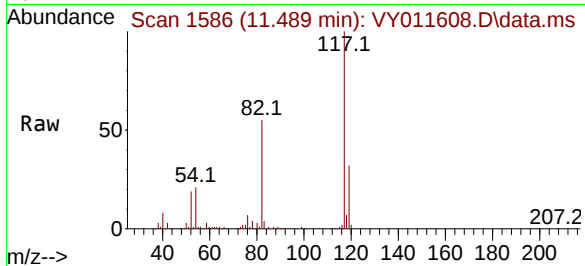




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11586
Delta R.T. -0.007 min
Lab File: VY011608.D
Acq: 28 Nov 2022 18:40

Instrument :
MSVOA_Y
ClientSampleId :
WSH-STOCK-1128

Tgt Ion:117 Resp: 335465
Ion Ratio Lower Upper
117 100
82 55.4 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: VY011608.D
Acq: 28 Nov 2022 18:40

Tgt Ion:152 Resp: 141823
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 159.2 0.0 347.6

