

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011696.D
 Acq On : 05 Dec 2022 15:05
 Operator : KP/MD
 Sample : N5845-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-120122RE

Quant Time: Dec 06 00:36:48 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	1659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	3065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	1831	108.694	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	217.380%#
35) Dibromofluoromethane	7.722	113	581	30.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.580%
50) Toluene-d8	10.185	98	3790	55.277	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.560%
62) 4-Bromofluorobenzene	12.477	95	1005	39.645	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.280%

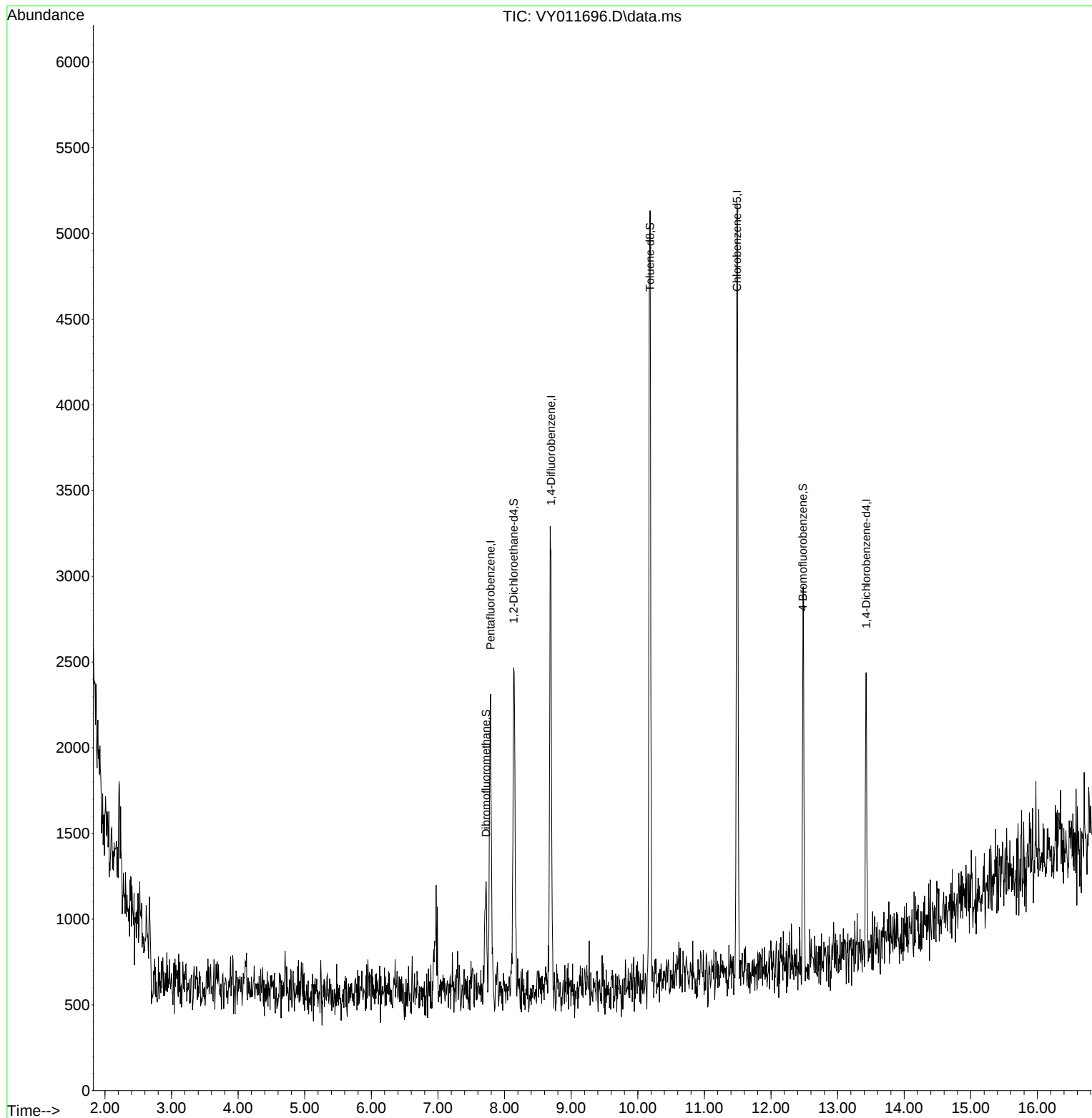
Target Compounds	Qvalue

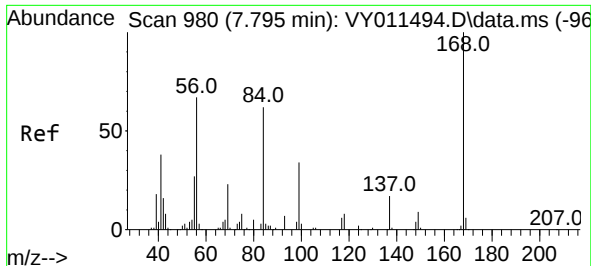
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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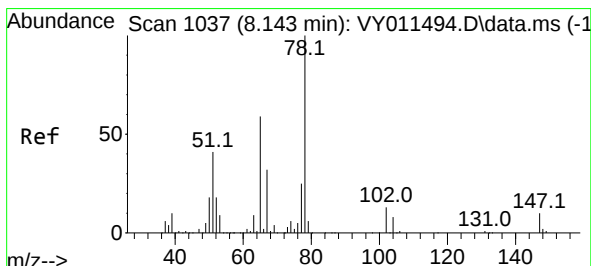
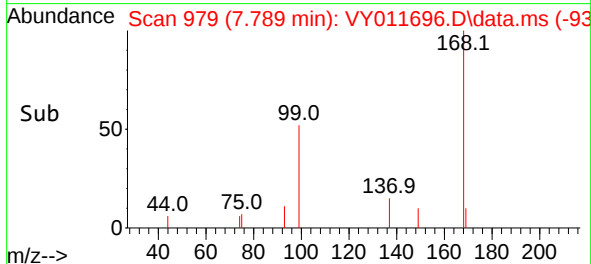
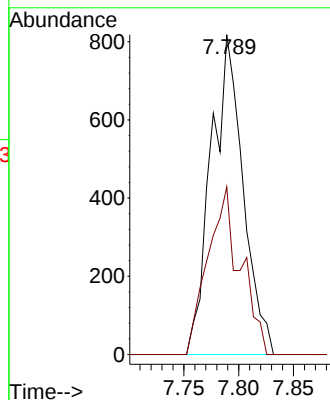
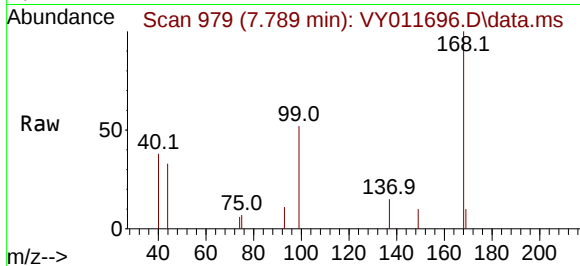




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

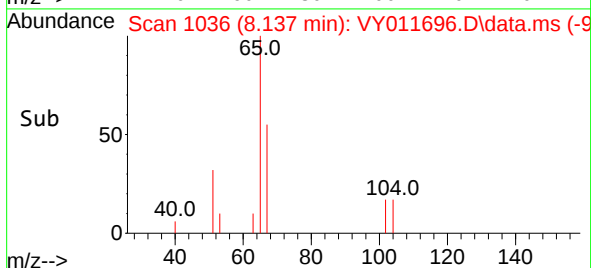
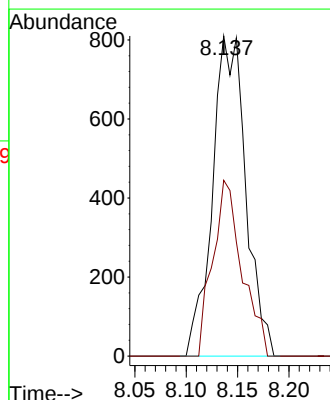
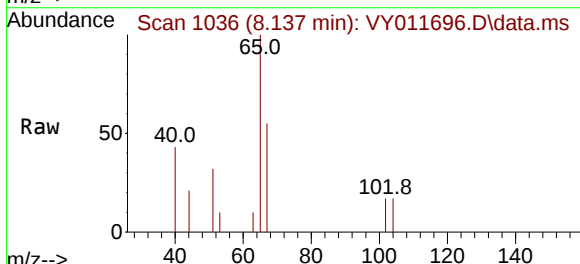
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-120122RE

Tgt Ion:168 Resp: 1659
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 108.694 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

Tgt Ion: 65 Resp: 1831
Ion Ratio Lower Upper
65 100
67 48.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011696.D

Acq: 05 Dec 2022 15:05

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-120122RE

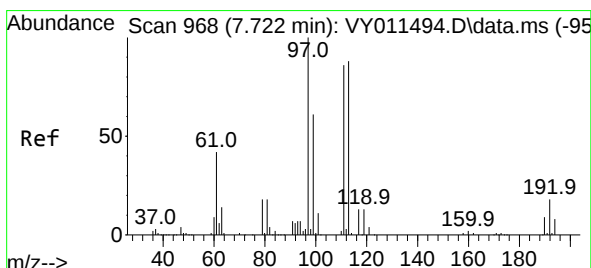
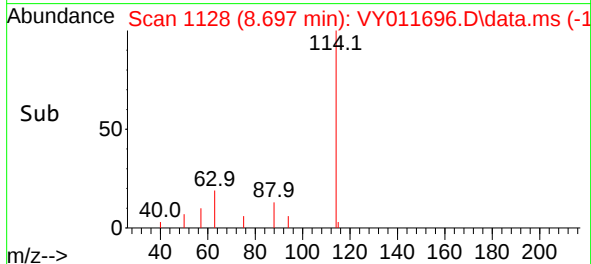
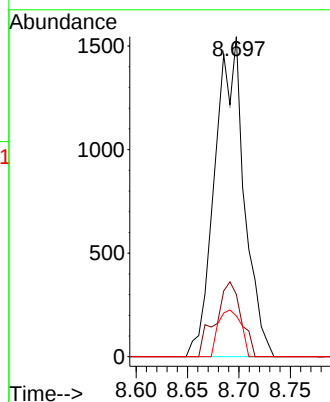
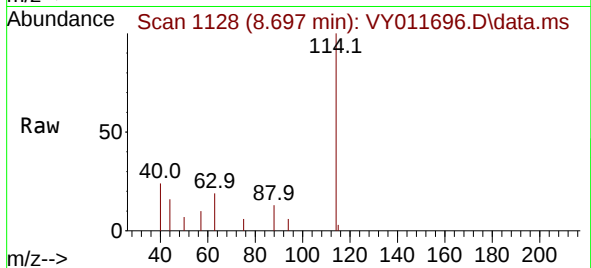
Tgt Ion:114 Resp: 3065

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 12.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 30.793 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011696.D

Acq: 05 Dec 2022 15:05

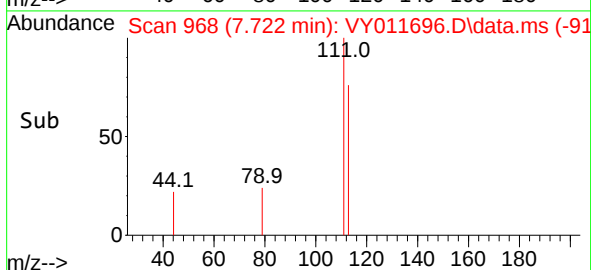
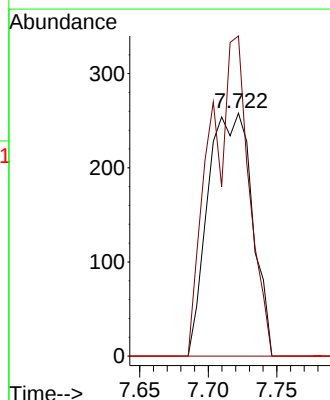
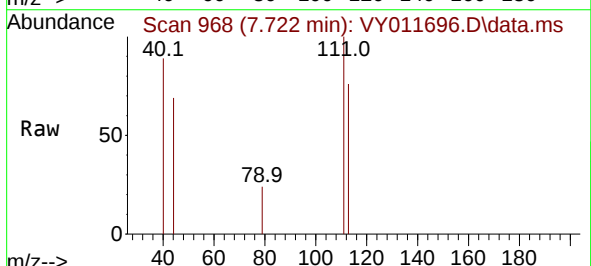
Tgt Ion:113 Resp: 581

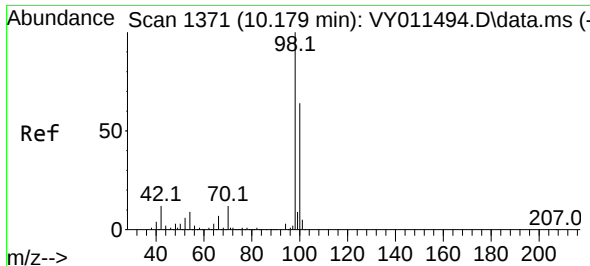
Ion Ratio Lower Upper

113 100

111 114.8 82.6 124.0

192 0.0 17.6 26.4#

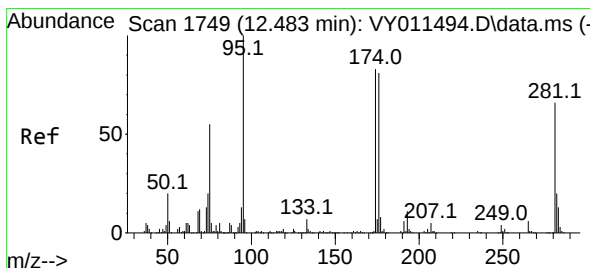
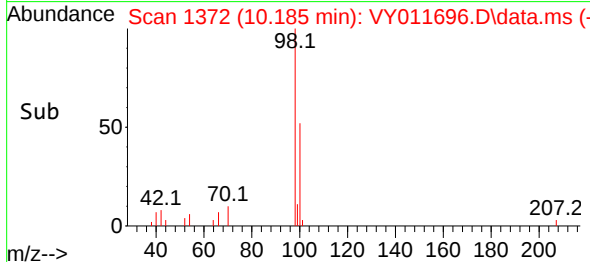
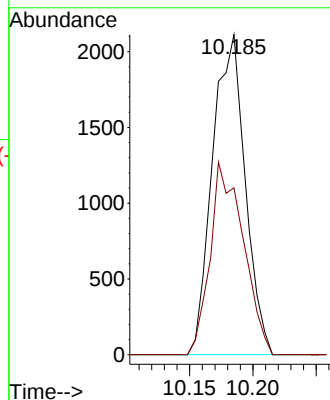
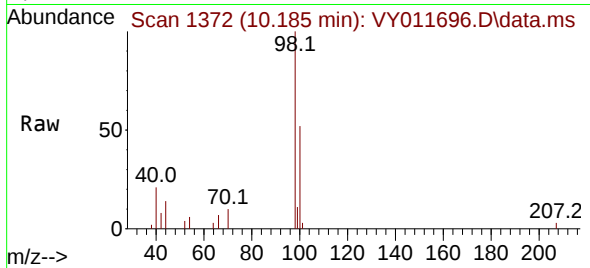




#50
Toluene-d8
Concen: 55.277 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

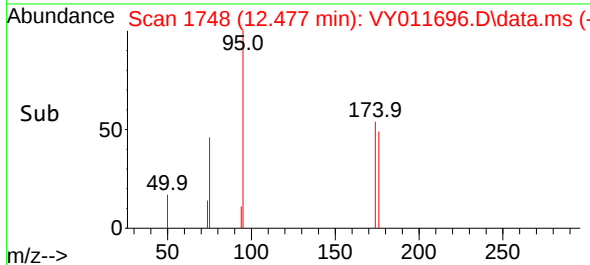
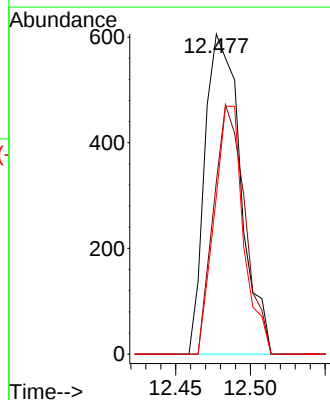
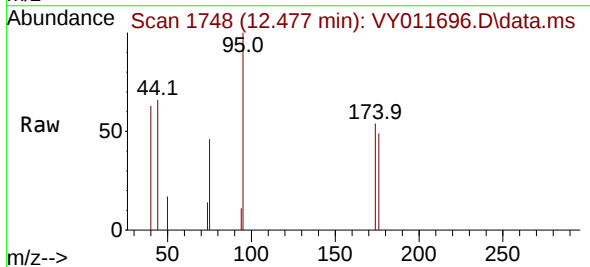
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-120122RE

Tgt Ion: 98 Resp: 3790
Ion Ratio Lower Upper
98 100
100 60.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.645 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

Tgt Ion: 95 Resp: 1005
Ion Ratio Lower Upper
95 100
174 68.4 0.0 177.0
176 63.4 0.0 175.8

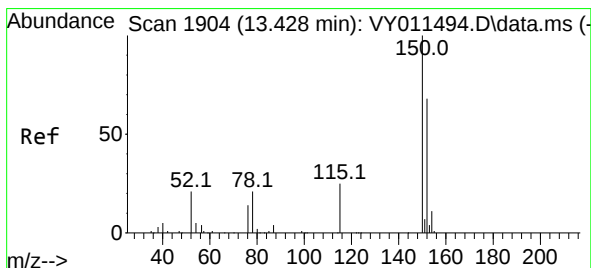
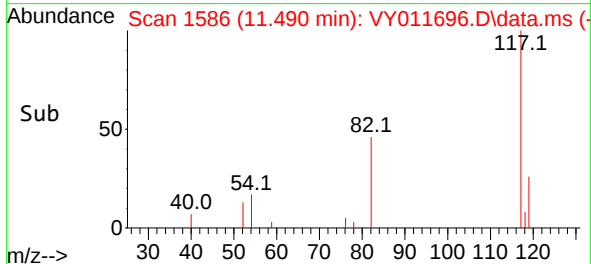
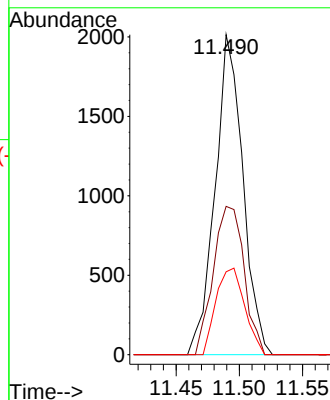
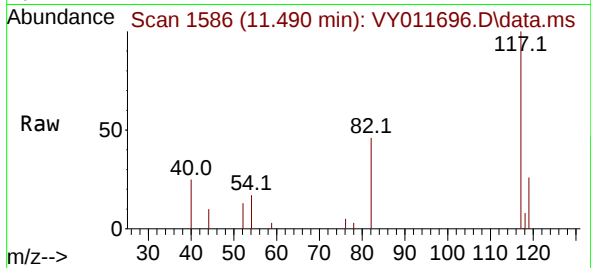




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-120122RE

Tgt Ion:117 Resp: 3072
Ion Ratio Lower Upper
117 100
82 46.4 43.0 64.4
119 25.9 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: VY011696.D
Acq: 05 Dec 2022 15:05

Tgt Ion:152 Resp: 558
Ion Ratio Lower Upper
152 100
115 76.3 28.2 84.7
150 161.5 0.0 347.6

