

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006268.D
 Acq On : 01 Oct 2021 18:03
 Operator : SY/MD
 Sample : M4039-04
 Misc : 5.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Oct 02 02:14:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	119018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89912	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	78885	61.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.860%
35) Dibromofluoromethane	7.728	113	58638	55.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.740%
50) Toluene-d8	10.185	98	246843	55.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.380%
62) 4-Bromofluorobenzene	12.483	95	78637	52.224	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.440%

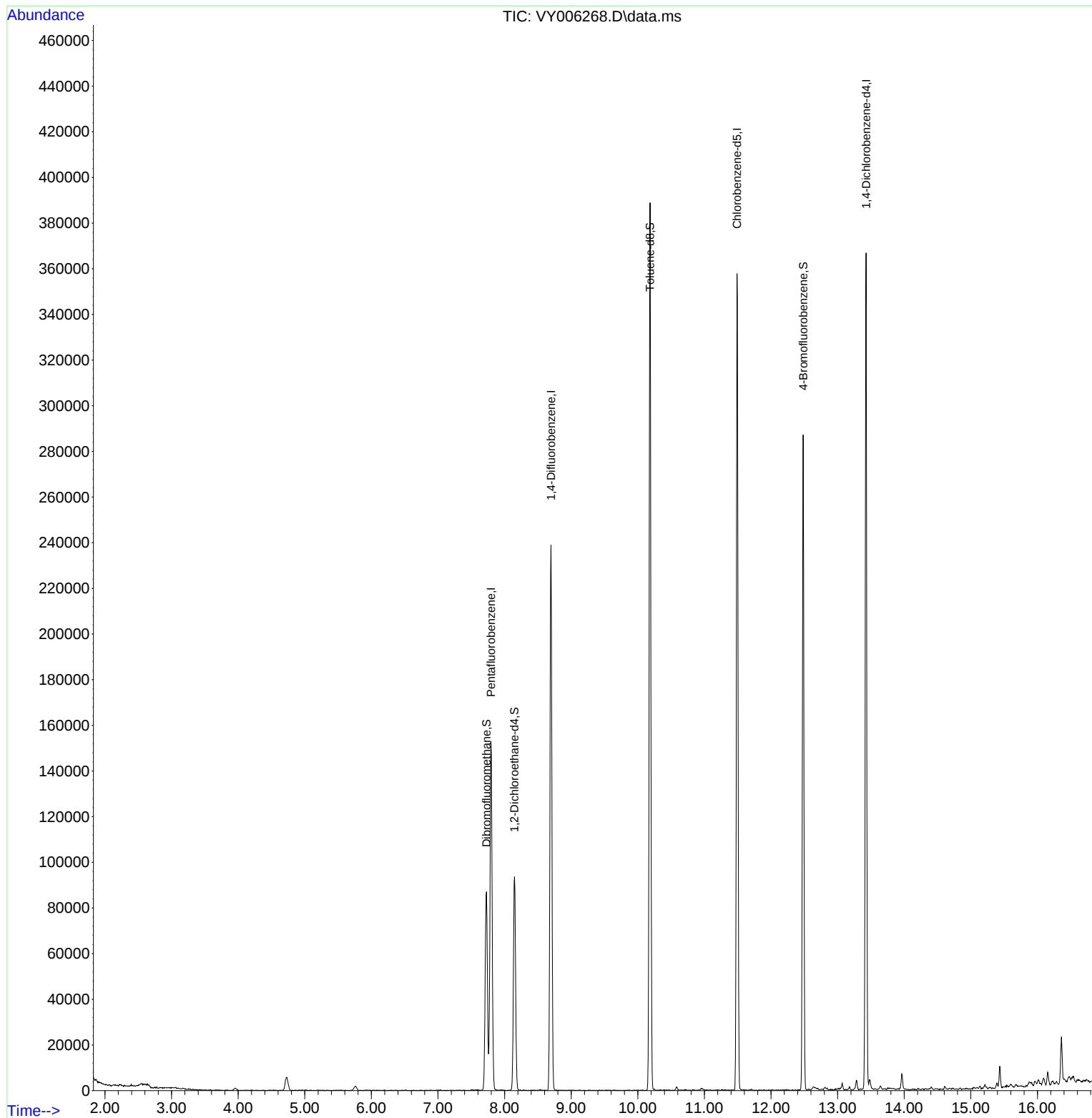
Target Compounds	Qvalue

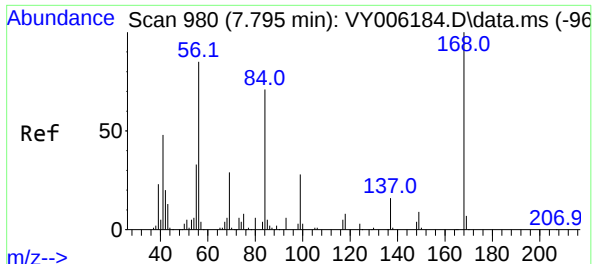
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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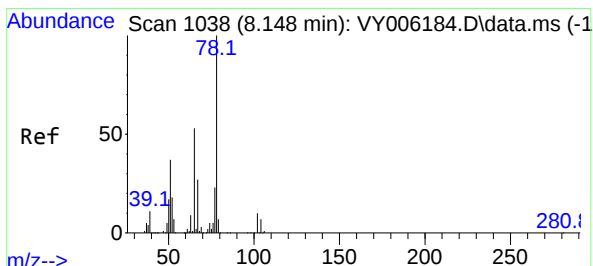
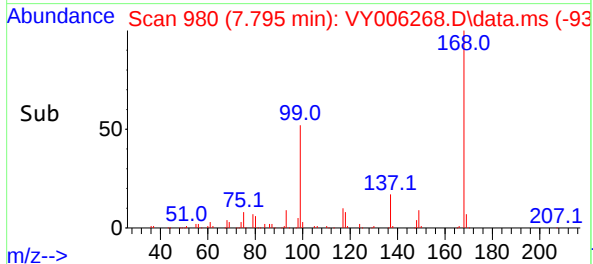
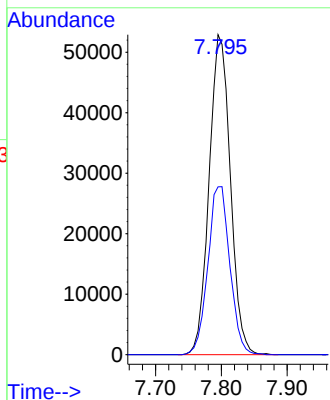
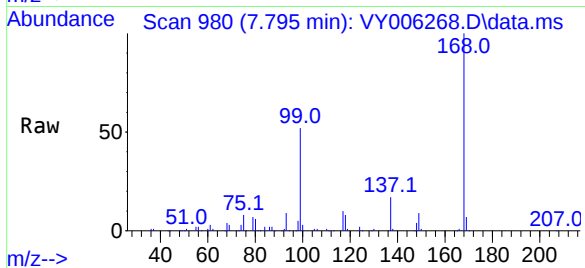




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

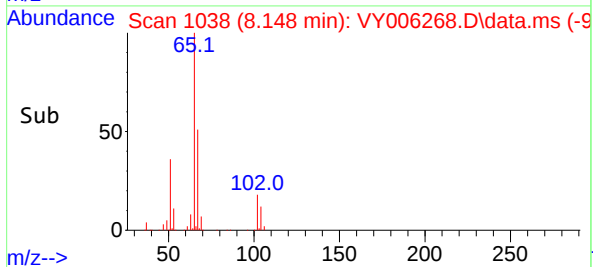
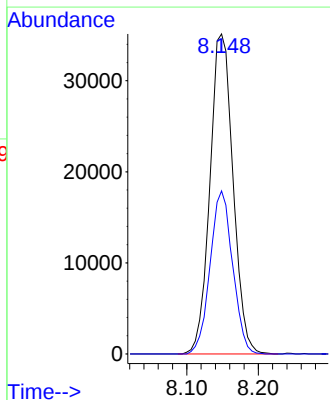
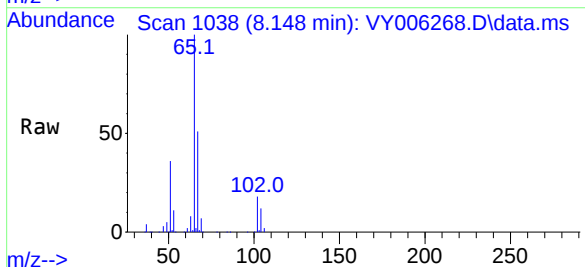
Instrument :
MSVOA_Y
ClientSampled :
TP-2

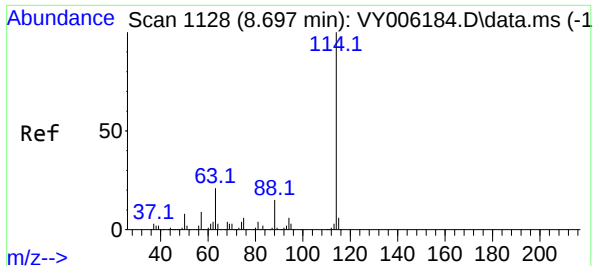
Tgt Ion:168 Resp: 119018
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.927 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

Tgt Ion: 65 Resp: 78885
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006268.D

Acq: 01 Oct 2021 18:03

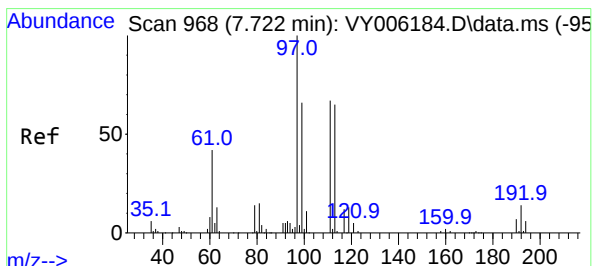
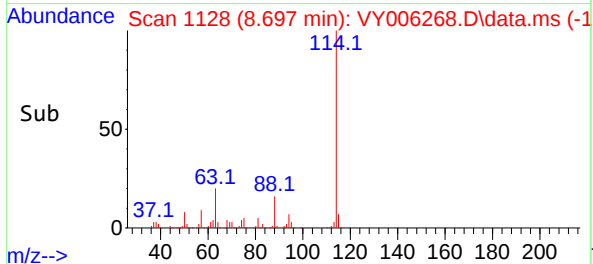
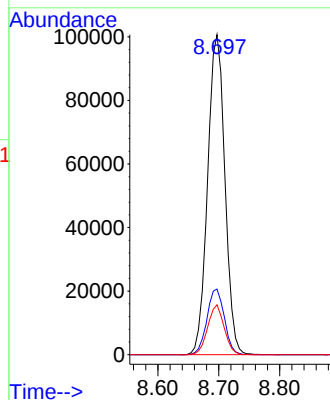
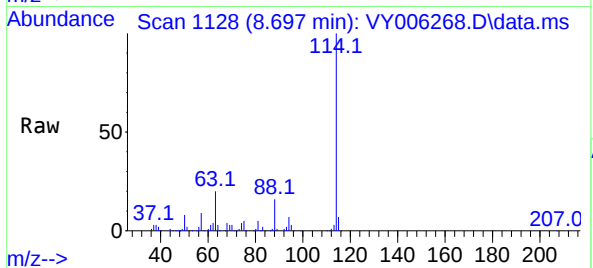
Tgt Ion:114 Resp: 198235

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.366 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006268.D

Acq: 01 Oct 2021 18:03

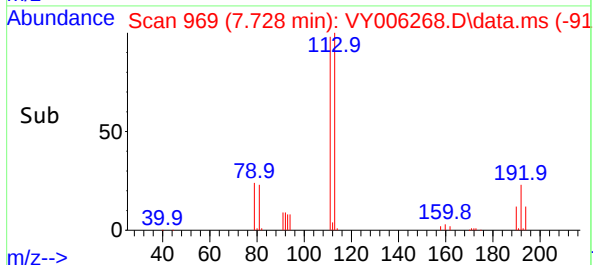
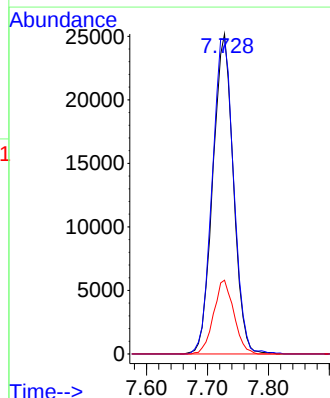
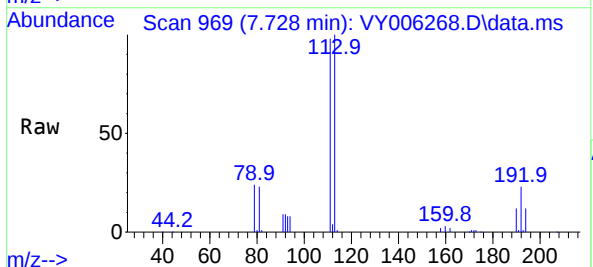
Tgt Ion:113 Resp: 58638

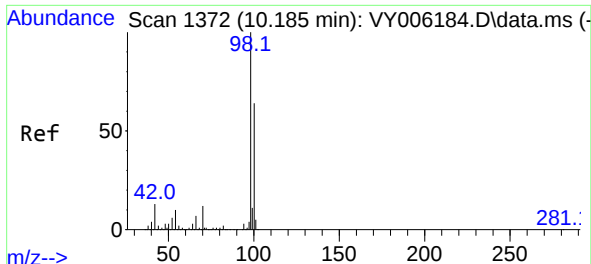
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 22.8 17.6 26.4

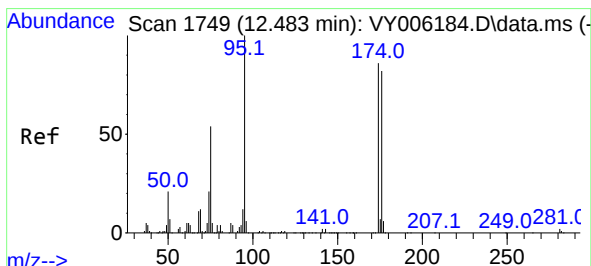
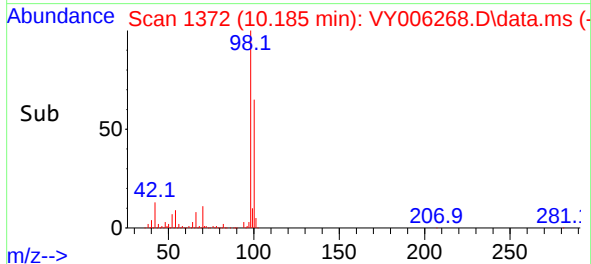
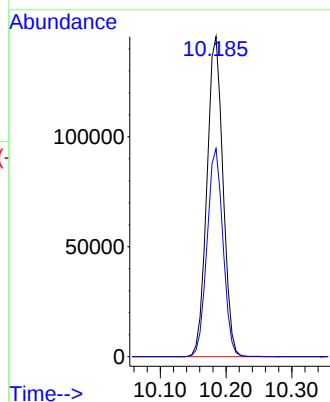
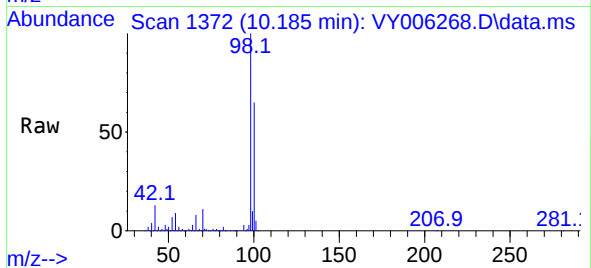




#50
Toluene-d8
Concen: 55.689 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

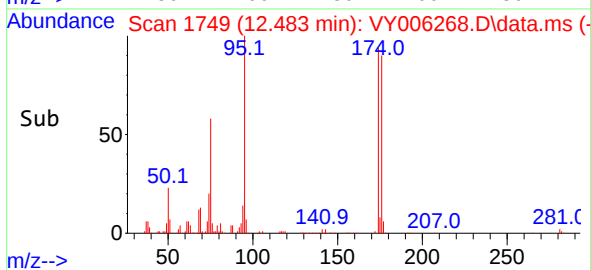
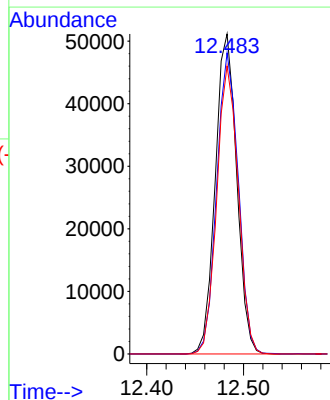
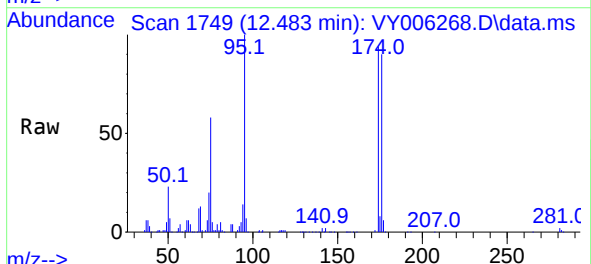
Instrument :
MSVOA_Y
ClientSampled :
TP-2

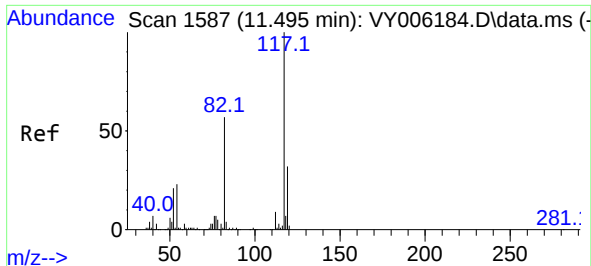
Tgt Ion: 98 Resp: 246843
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.224 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

Tgt Ion: 95 Resp: 78637
Ion Ratio Lower Upper
95 100
174 94.4 0.0 177.0
176 90.2 0.0 175.8

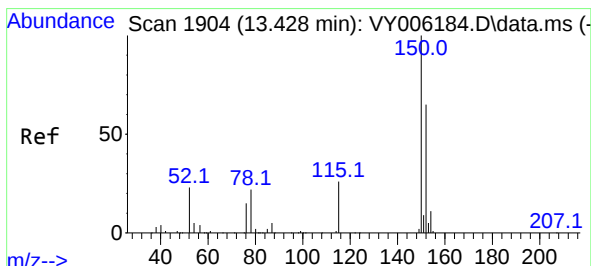
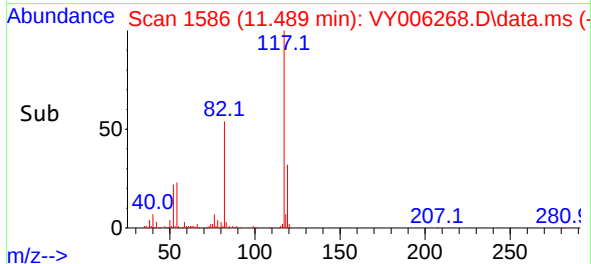
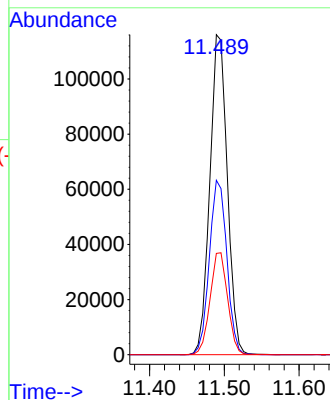
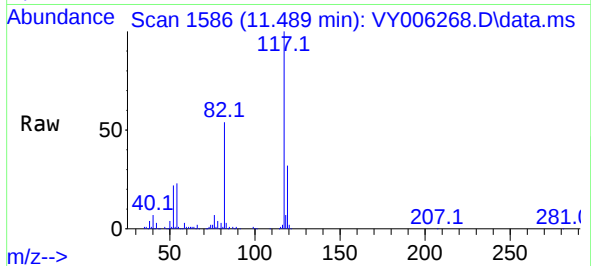




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006268.D
Acq: 01 Oct 2021 18:03

Instrument :
MSVOA_Y
ClientSampled :
TP-2

Tgt Ion:	117	Resp:	188667
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.0	64.4
119	31.7	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: VY006268.D
Acq: 01 Oct 2021 18:03

Tgt Ion:	152	Resp:	89912
Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.2	84.7
150	157.4	0.0	347.6

