

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006256.D
 Acq On : 01 Oct 2021 11:56
 Operator : SY/MD
 Sample : M3999-05
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26498

Quant Time: Oct 02 02:11:03 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	123794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88281	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78831	59.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.000%
35) Dibromofluoromethane	7.728	113	60127	55.571	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.140%
50) Toluene-d8	10.185	98	252817	55.830	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.660%
62) 4-Bromofluorobenzene	12.483	95	79664	51.786	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.580%

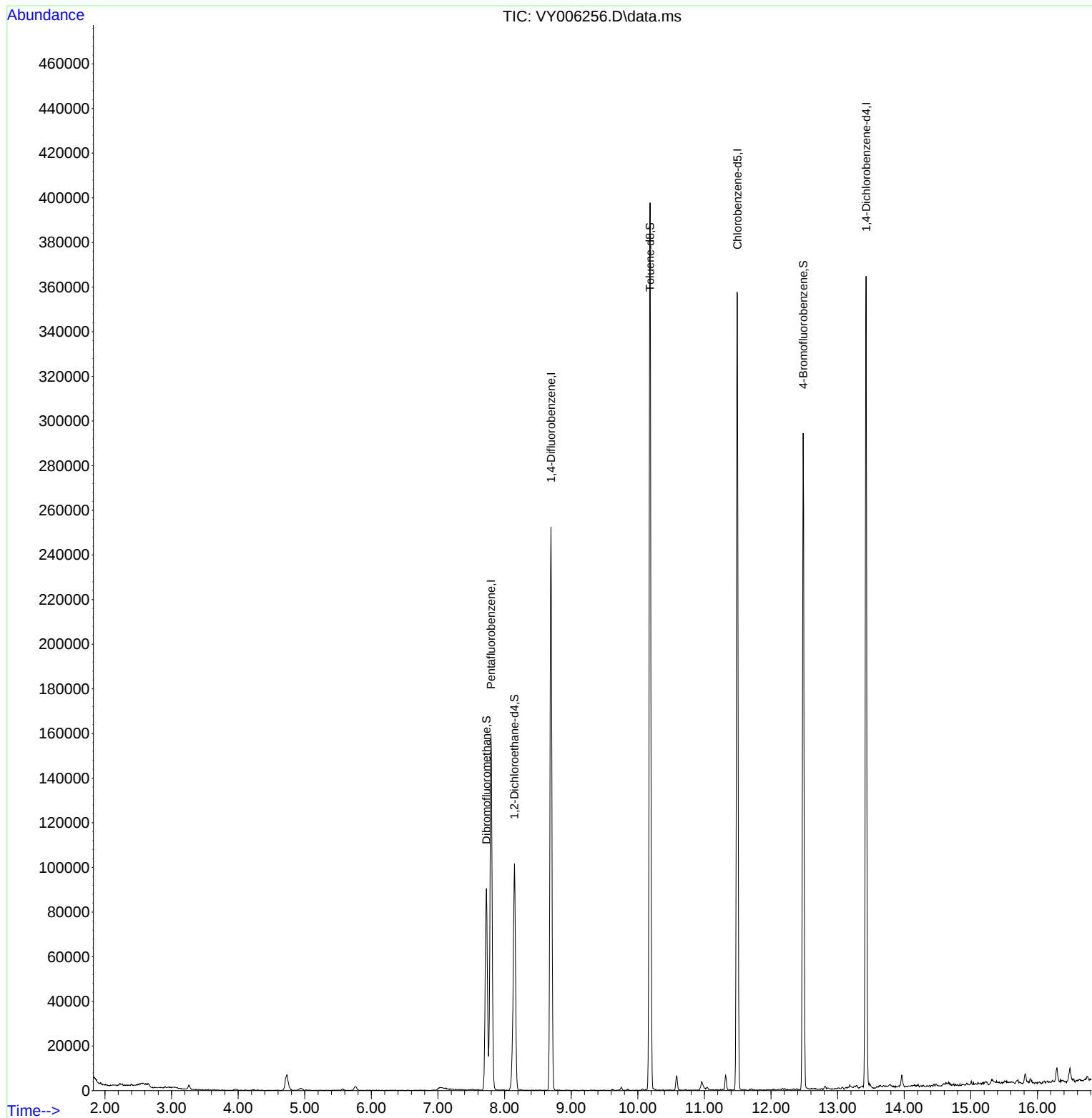
Target Compounds	Qvalue

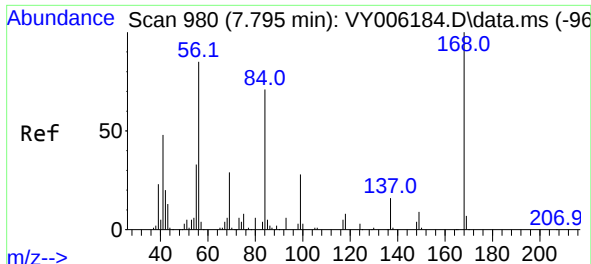
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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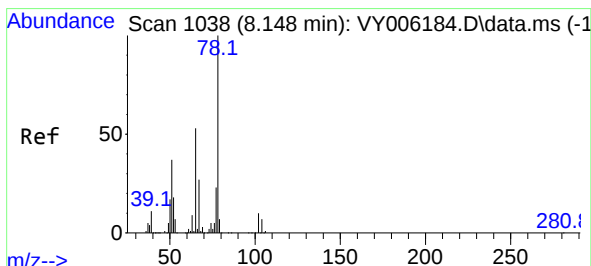
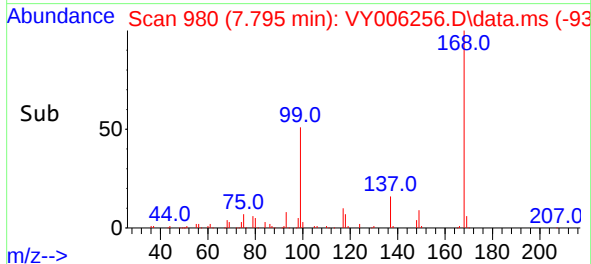
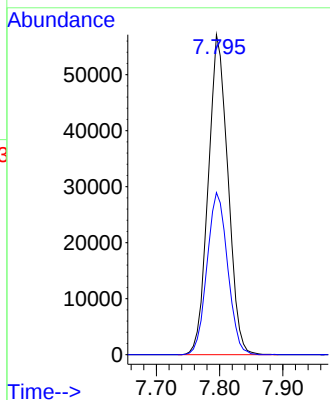
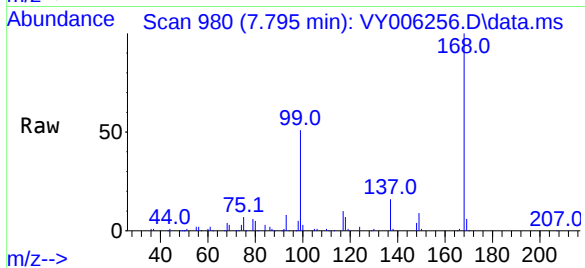




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

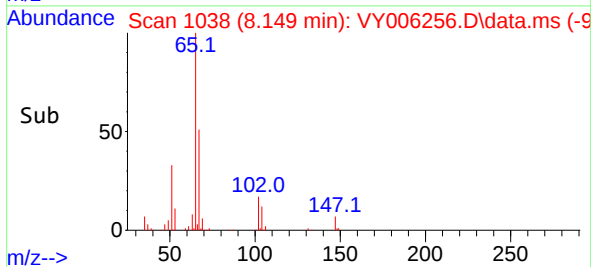
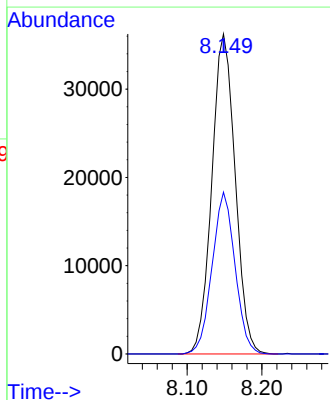
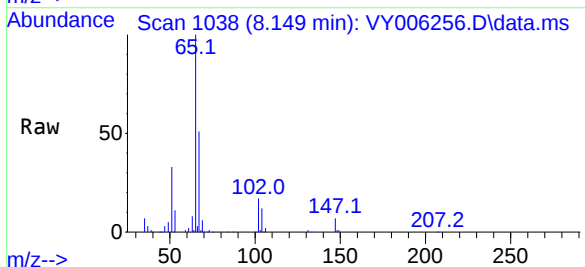
Instrument :
MSVOA_Y
ClientSampled :
26498

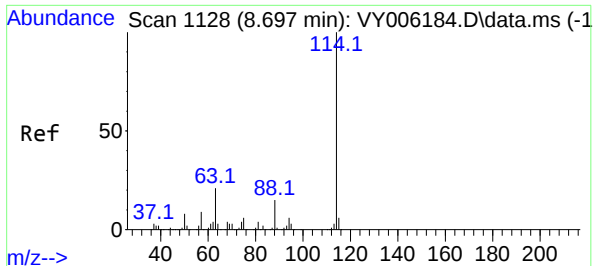
Tgt Ion:168 Resp: 123794
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.497 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

Tgt Ion: 65 Resp: 78831
Ion Ratio Lower Upper
65 100
67 49.5 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: VY006256.D

Acq: 01 Oct 2021 11:56

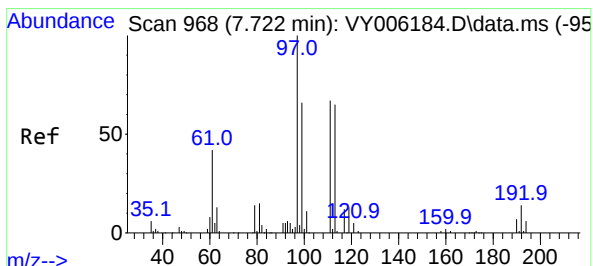
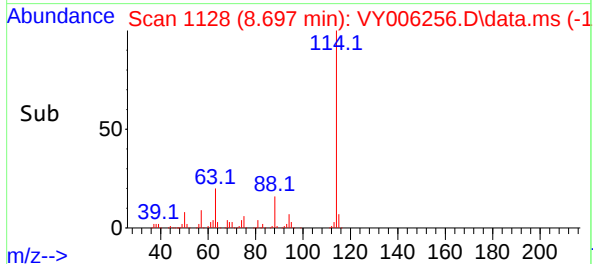
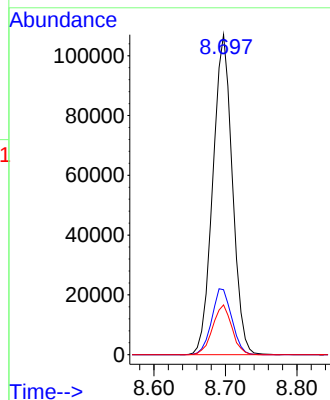
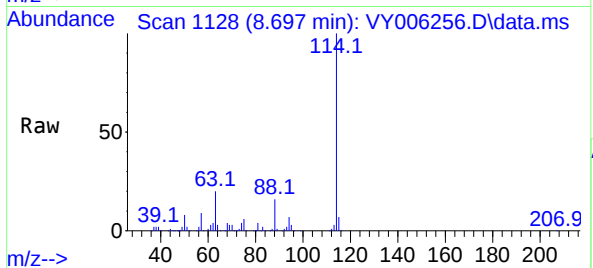
Tgt Ion:114 Resp: 202522

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.571 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006256.D

Acq: 01 Oct 2021 11:56

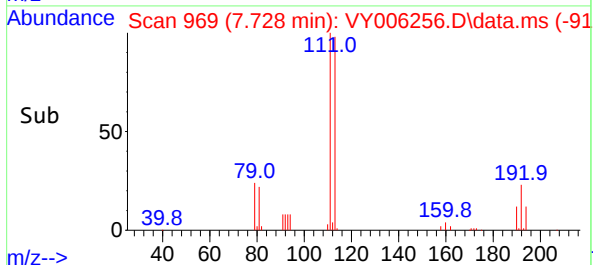
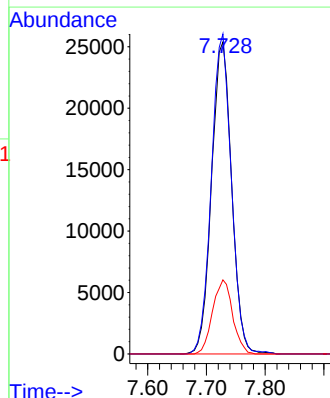
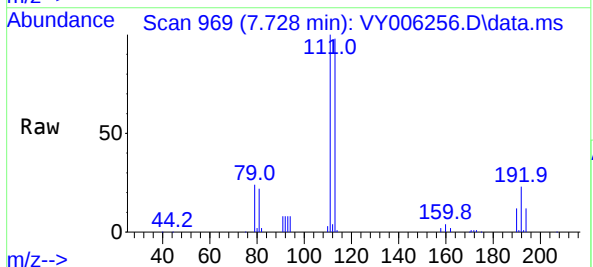
Tgt Ion:113 Resp: 60127

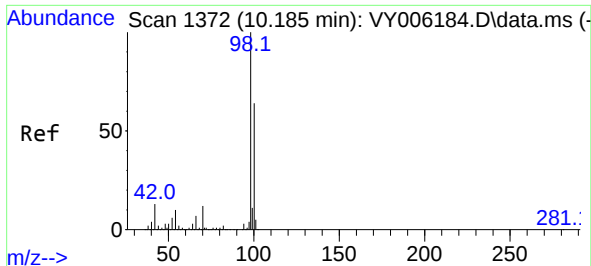
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 23.7 17.6 26.4

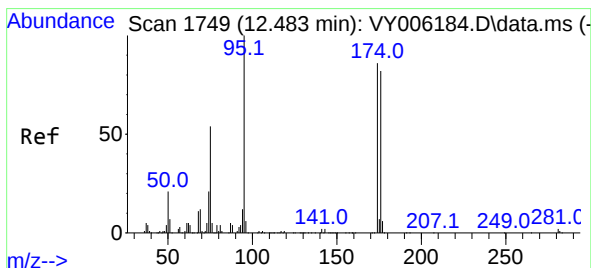
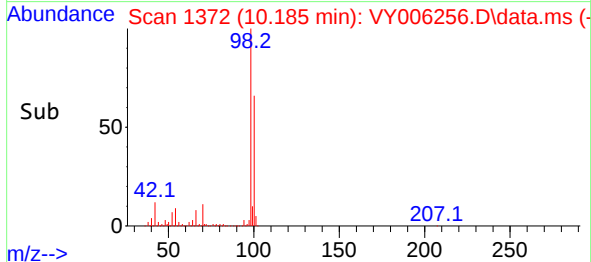
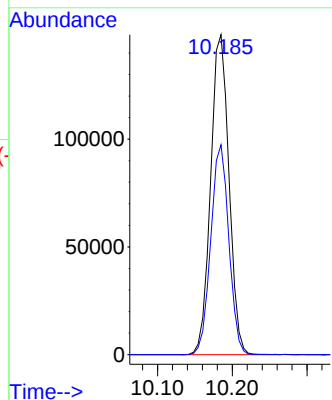
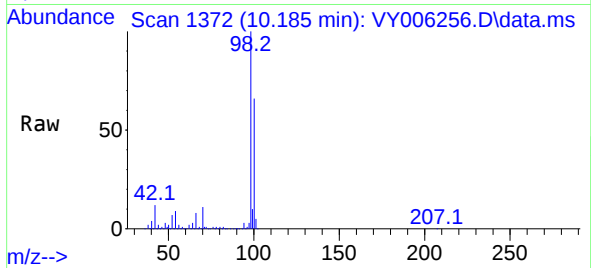




#50
Toluene-d8
Concen: 55.830 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

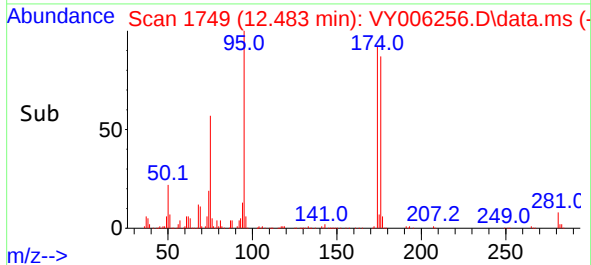
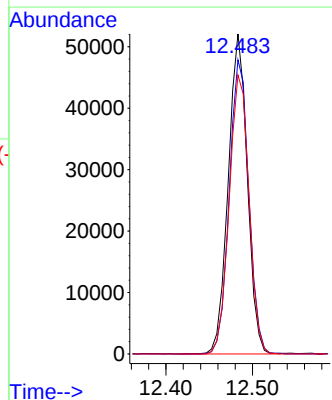
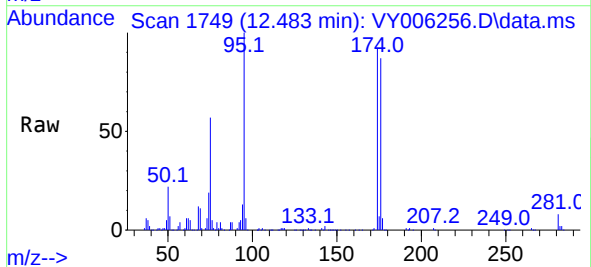
Instrument :
MSVOA_Y
ClientSampled :
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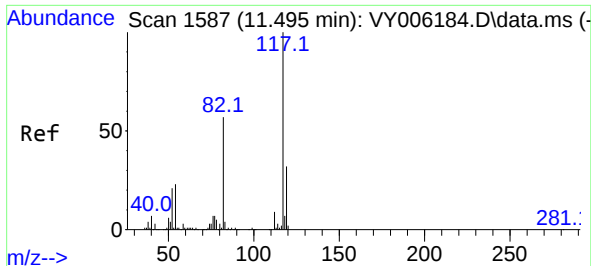
Tgt Ion: 98 Resp: 252817
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.786 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

Tgt Ion: 95 Resp: 79664
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 90.4 0.0 175.8

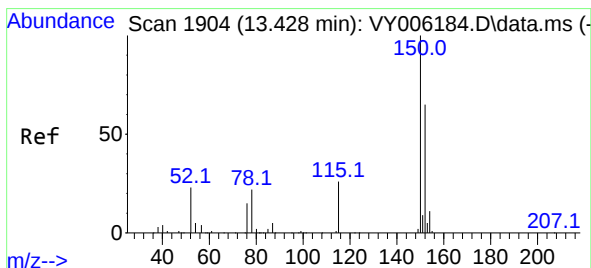
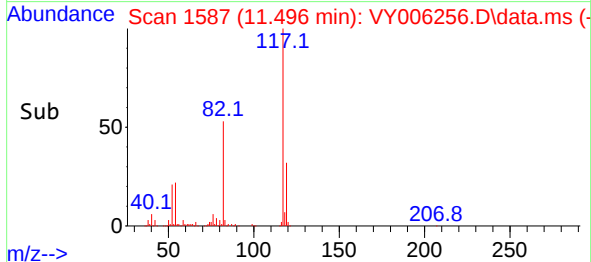
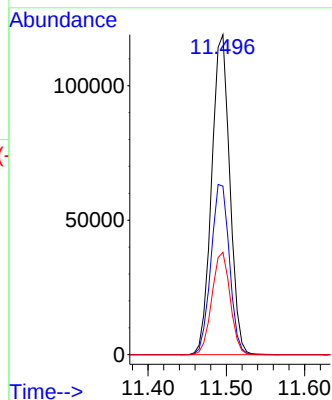
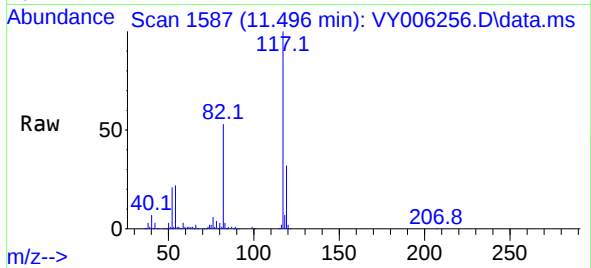




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

Instrument :
MSVOA_Y
ClientSampled :
26498

Tgt Ion:	117	Resp:	191127
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.0	64.4
119	32.0	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: VY006256.D
Acq: 01 Oct 2021 11:56

Tgt Ion:	152	Resp:	88281
Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.2	84.7
150	157.9	0.0	347.6

