

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006259.D
 Acq On : 01 Oct 2021 13:36
 Operator : SY/MD
 Sample : M3999-01RE
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 229-342RE

Quant Time: Oct 02 02:12:14 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	7.844	168	83246	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	8.722	114	133056	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	115147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.185	65	52629	59.069	ug/l	0.04
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.140%
35) Dibromofluoromethane	7.764	113	40009	56.282	ug/l	0.04
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.560%
50) Toluene-d8	10.197	98	161006	54.118	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.240%
62) 4-Bromofluorobenzene	12.489	95	43794	43.331	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.660%

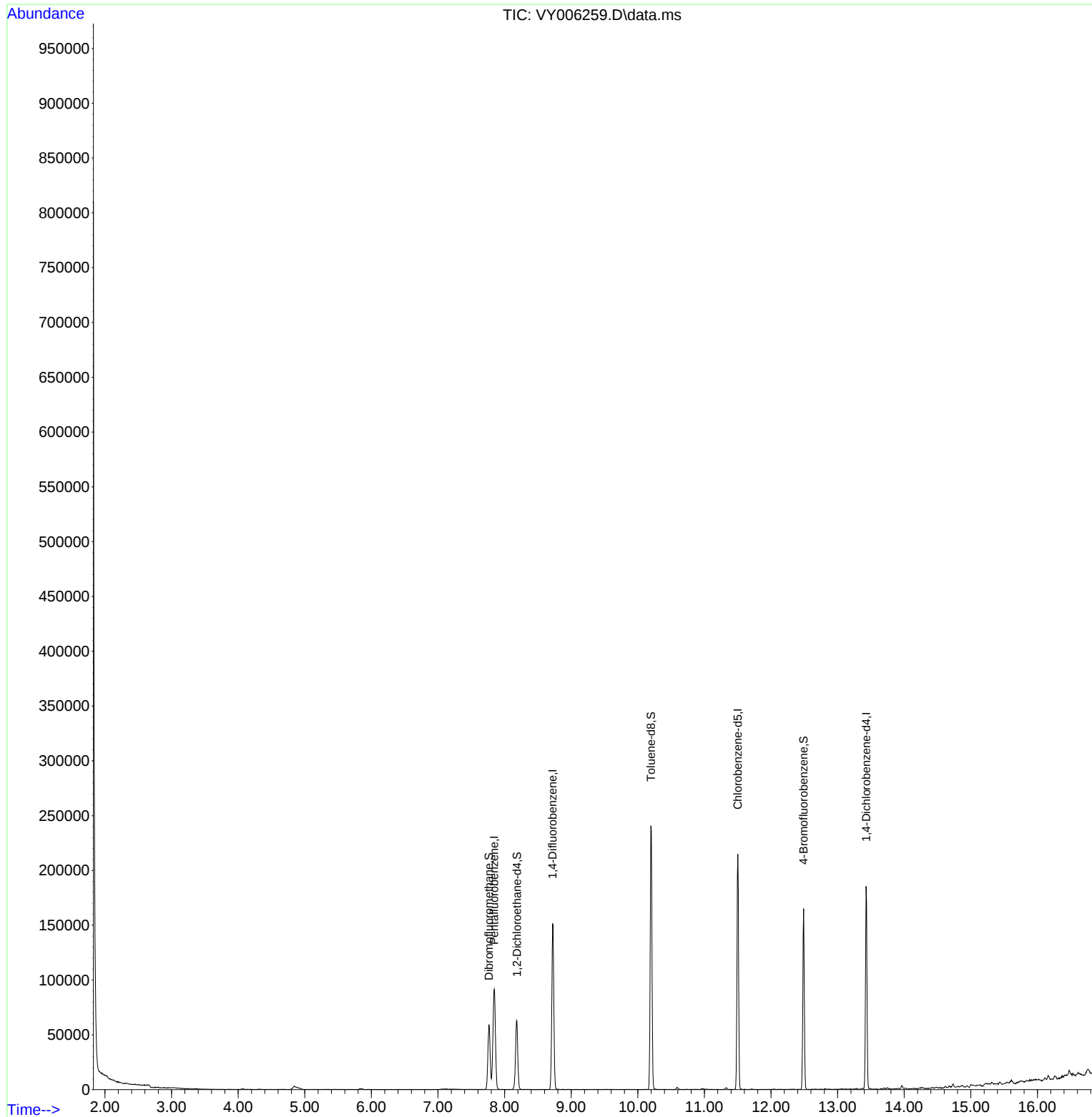
Target Compounds	Qvalue

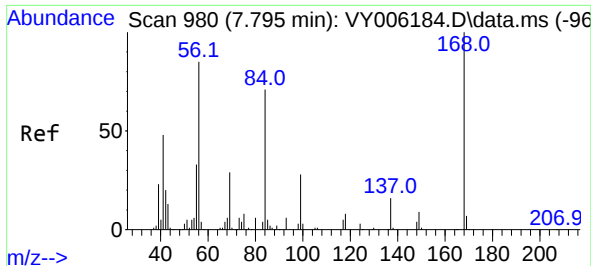
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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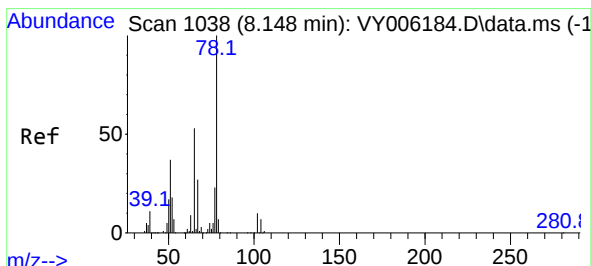
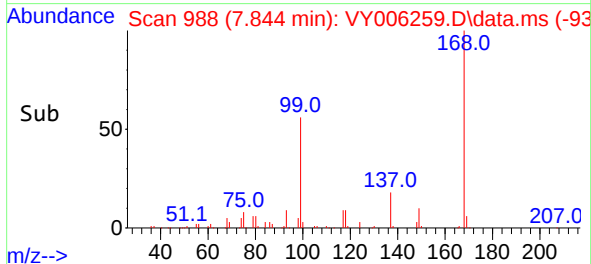
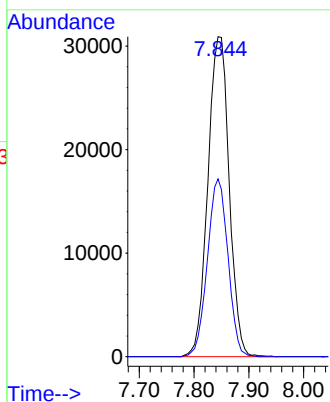
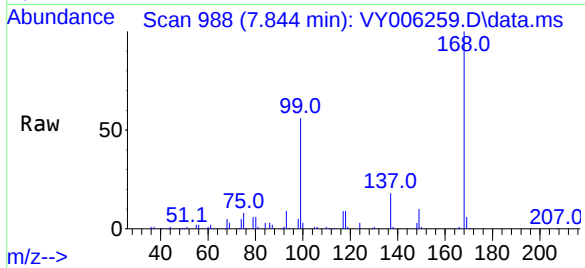




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.844 min Scan# 988
Delta R.T. 0.049 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

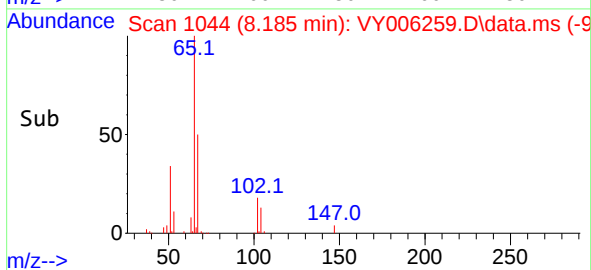
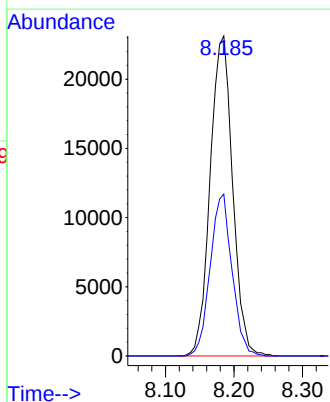
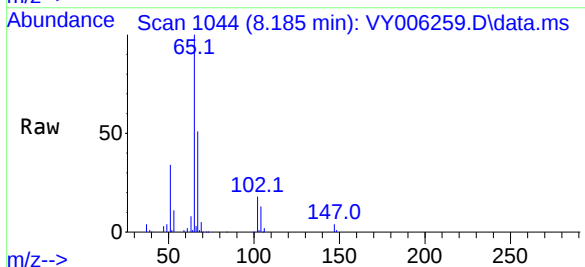
Instrument :
MSVOA_Y
ClientSampleId :
229-342RE

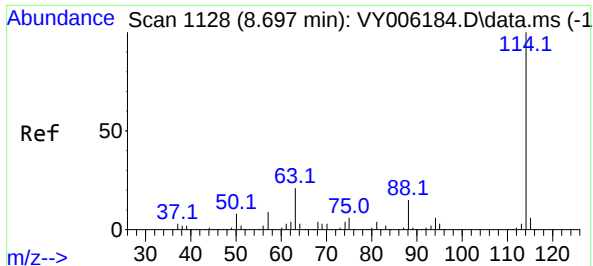
Tgt Ion:168 Resp: 83246
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.069 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.037 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

Tgt Ion: 65 Resp: 52629
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.4

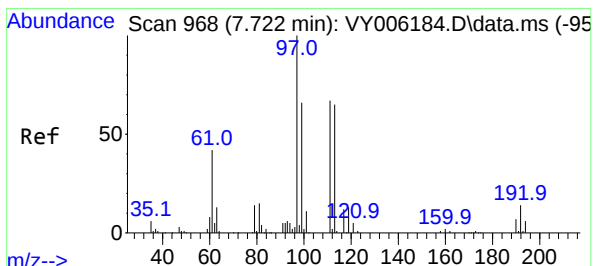
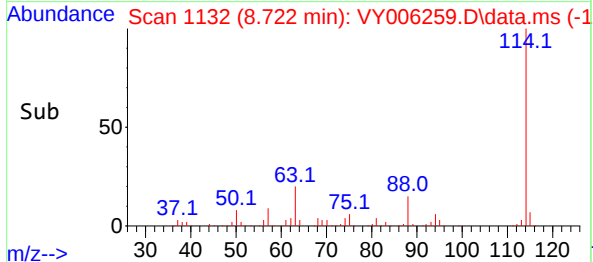
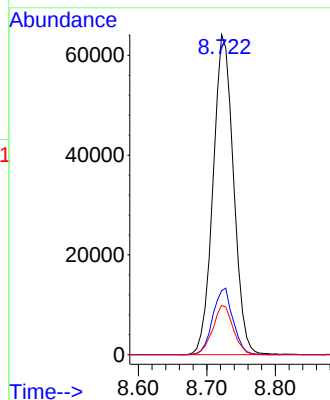
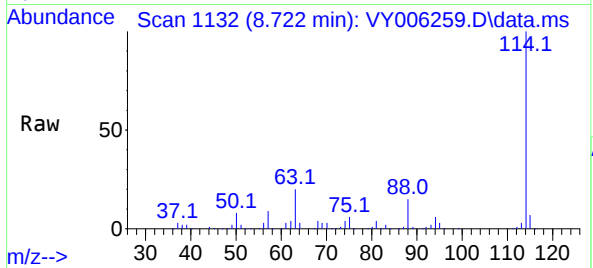




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.024 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

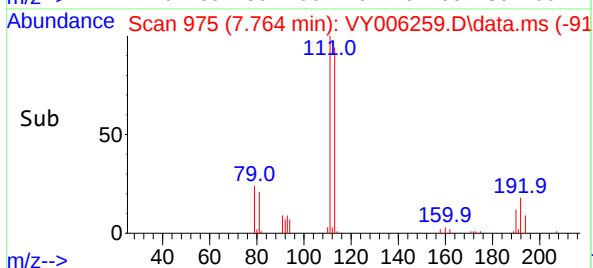
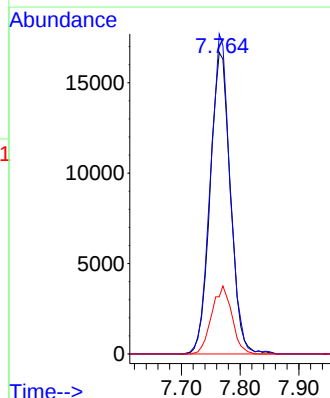
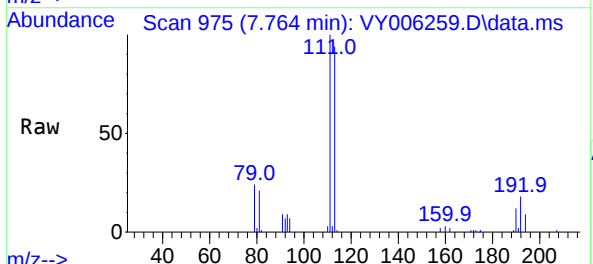
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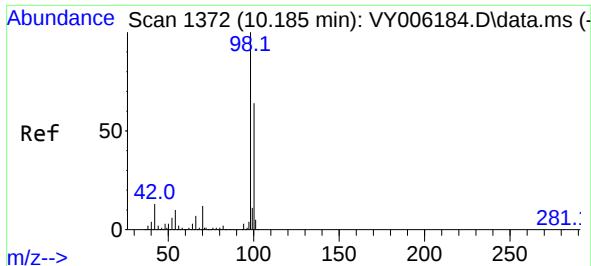
Tgt Ion:114 Resp: 133056
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.282 ug/l
RT: 7.764 min Scan# 975
Delta R.T. 0.043 min
Lab File: VY006259.D
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Tgt Ion:113 Resp: 40009
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 22.4 17.6 26.4

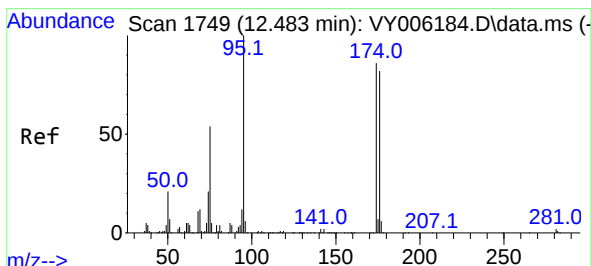
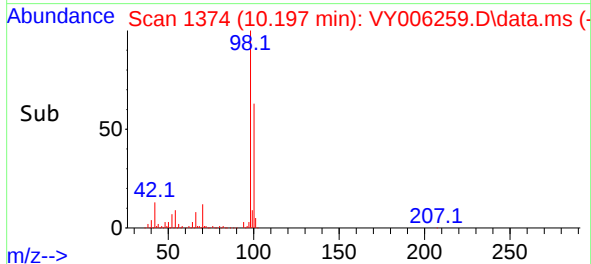
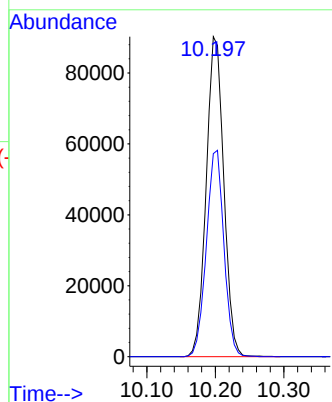
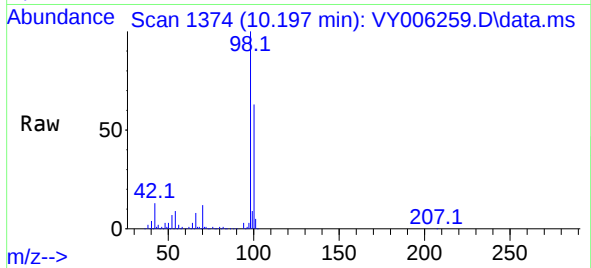




#50
Toluene-d8
Concen: 54.118 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

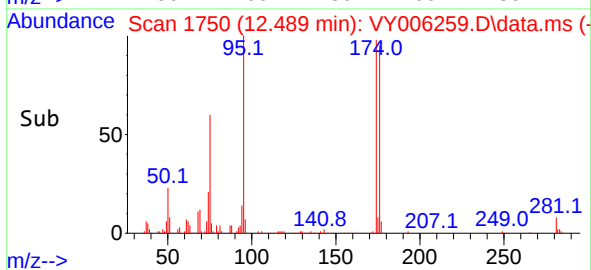
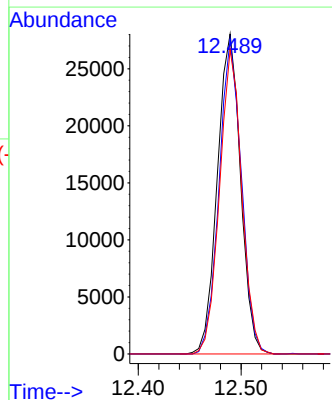
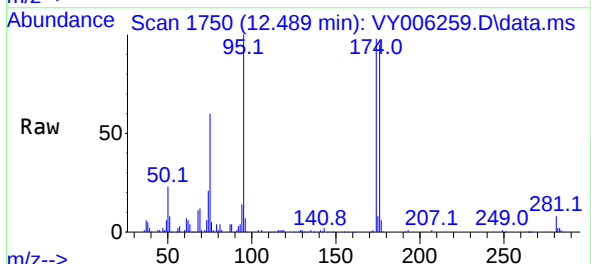
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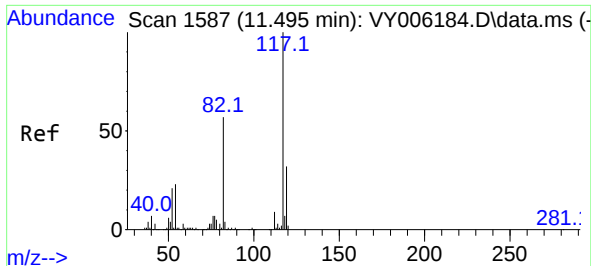
Tgt Ion: 98 Resp: 161006
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.331 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

Tgt Ion: 95 Resp: 43794
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 91.2 0.0 175.8

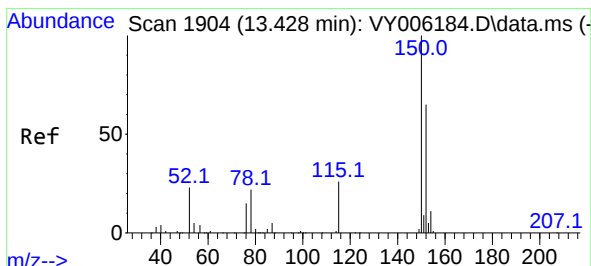
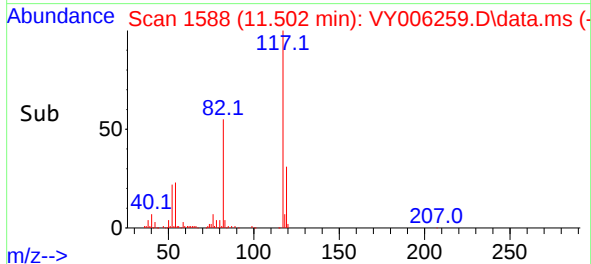
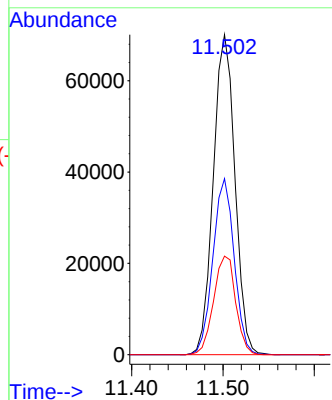
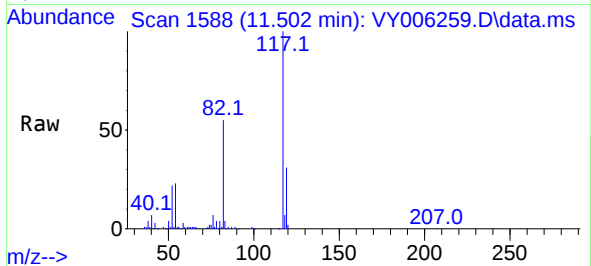




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:	117	Resp:	115147
Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.0	64.4
119	30.8	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: VY006259.D
Acq: 01 Oct 2021 13:36

Tgt Ion:	152	Resp:	47096
Ion	Ratio	Lower	Upper
152	100		
115	54.3	28.2	84.7
150	157.2	0.0	347.6

