

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006263.D
 Acq On : 01 Oct 2021 16:06
 Operator : SY/MD
 Sample : M4035-05
 Misc : 4.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 205

Quant Time: Oct 02 02:13:19 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	3572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2733	71.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.980%
35) Dibromofluoromethane	7.728	113	820	25.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	50.540%#
50) Toluene-d8	10.185	98	7227	53.222	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.440%
62) 4-Bromofluorobenzene	12.489	95	1755	38.045	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.080%

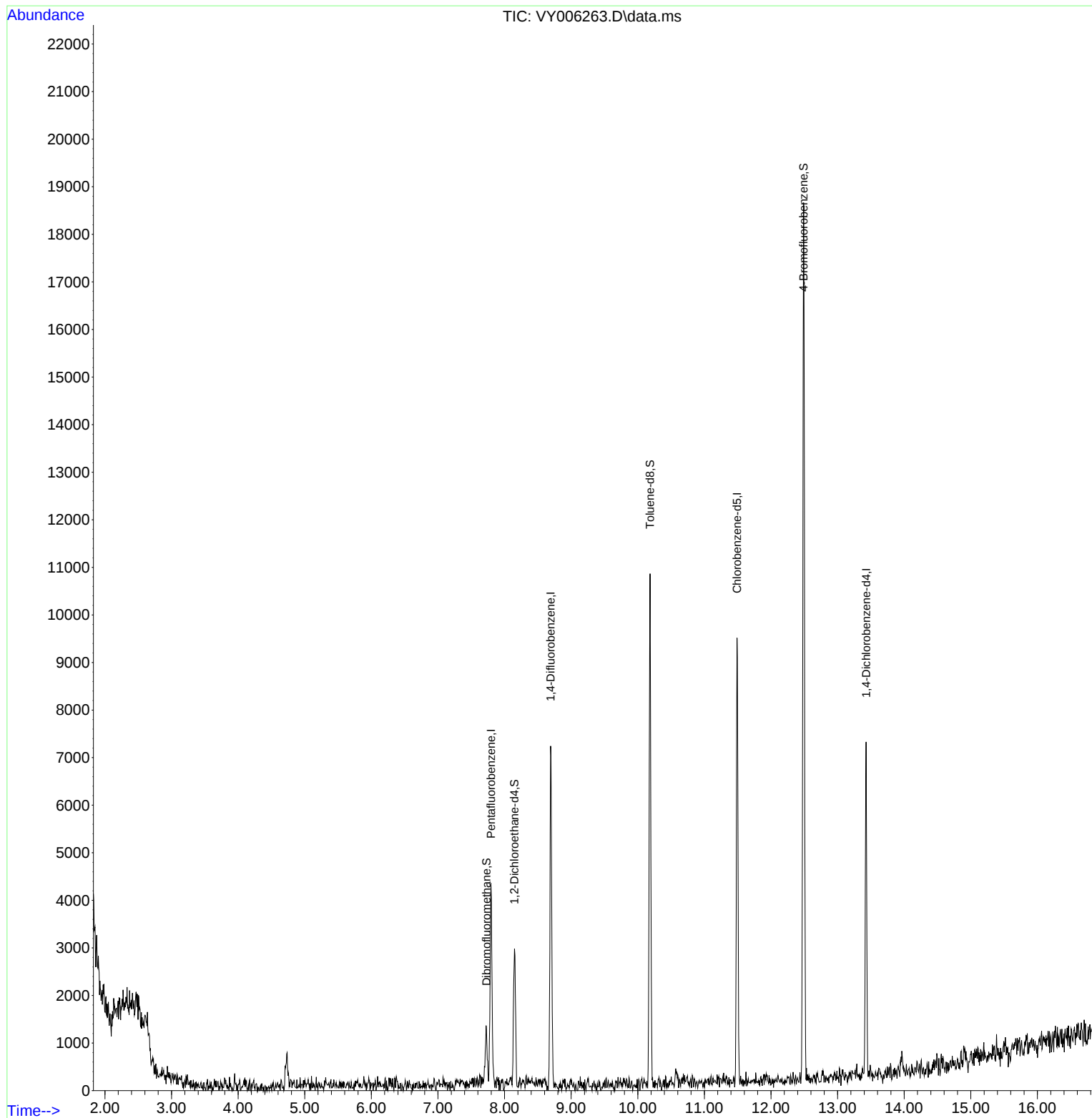
Target Compounds	Qvalue

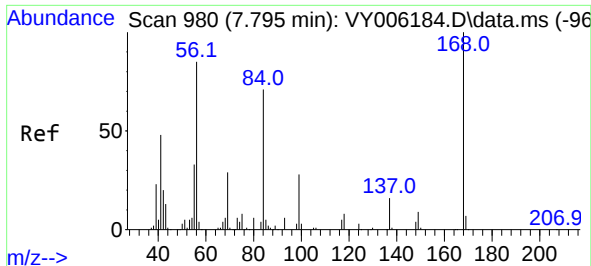
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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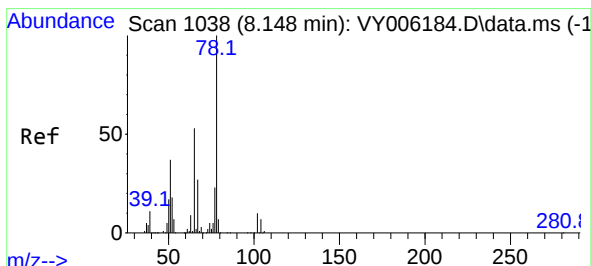
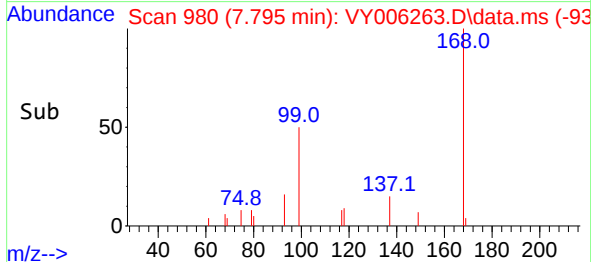
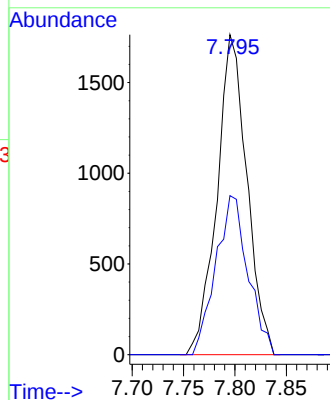
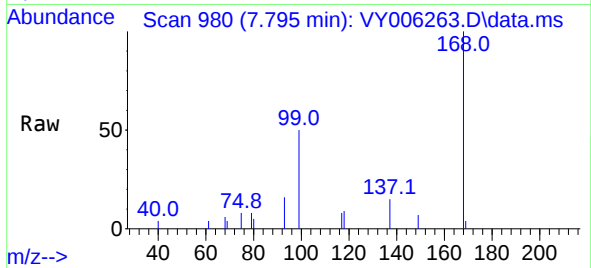




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006263.D
Acq: 01 Oct 2021 16:06

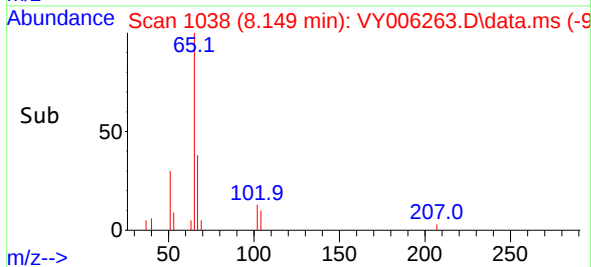
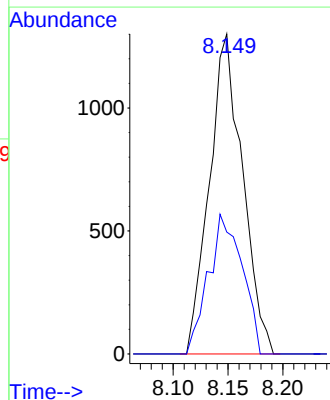
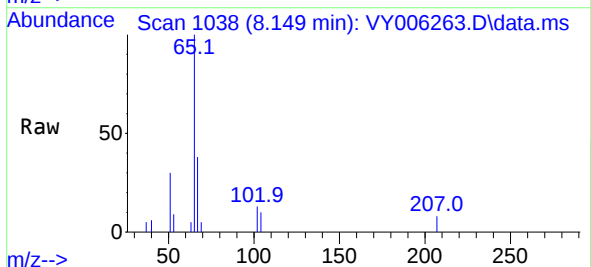
Instrument :
MSVOA_Y
ClientSampled :
205

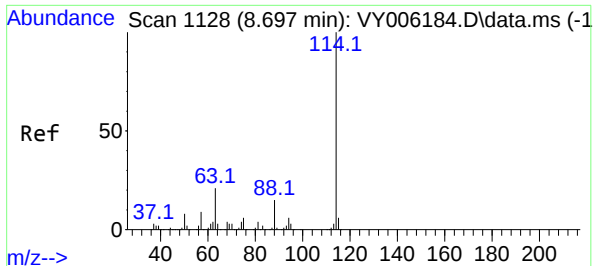
Tgt Ion:168 Resp: 3572
Ion Ratio Lower Upper
168 100
99 49.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 71.487 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006263.D
Acq: 01 Oct 2021 16:06

Tgt Ion: 65 Resp: 2733
Ion Ratio Lower Upper
65 100
67 44.5 0.0 99.4



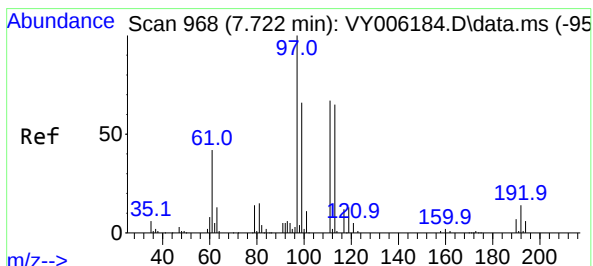
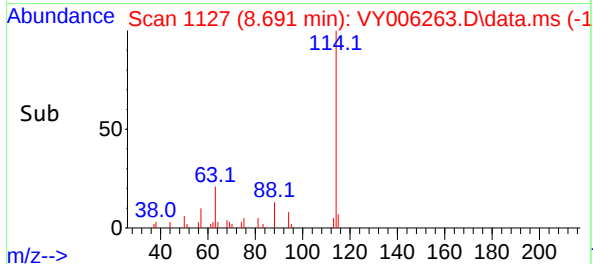
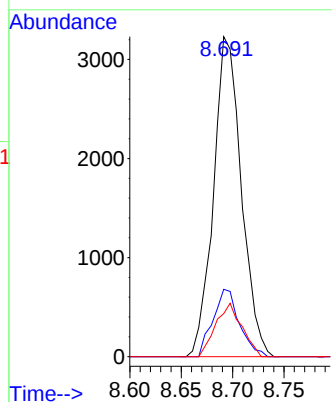
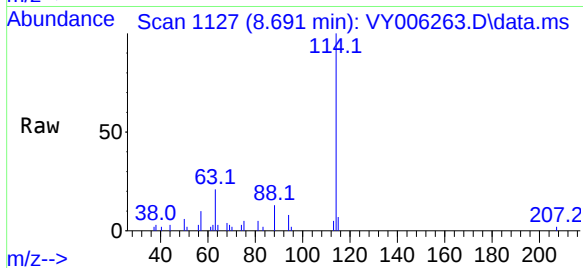


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006263.D
Acq: 01 Oct 2021 16:06

Instrument :
MSVOA_Y
ClientSampled :
205

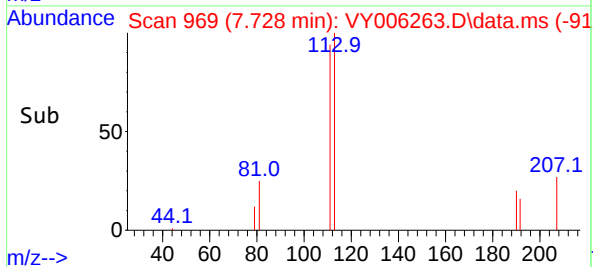
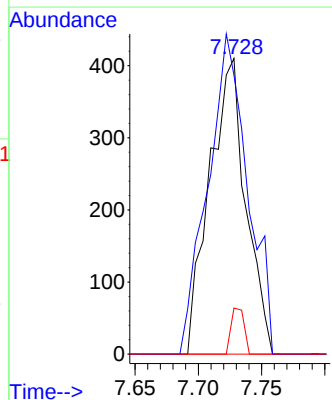
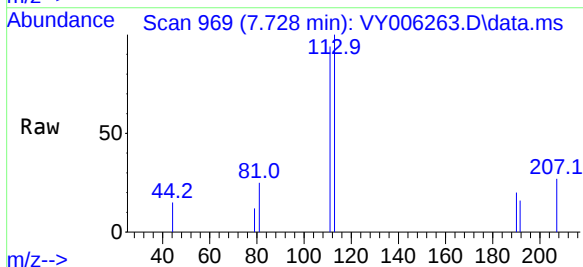
Tgt Ion:	114	Resp:	6073
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	13.5	0.0	31.8

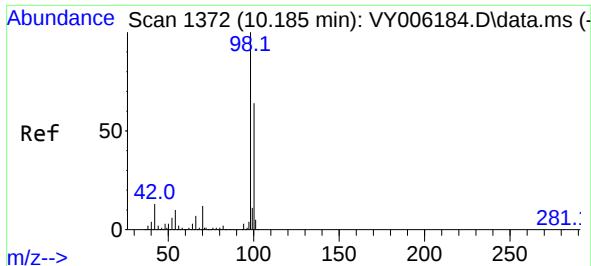


#35

Dibromofluoromethane
Concen: 25.273 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006263.D
Acq: 01 Oct 2021 16:06

Tgt Ion:	113	Resp:	820
Ion	Ratio	Lower	Upper
113	100		
111	118.5	82.6	124.0
192	5.6	17.6	26.4#

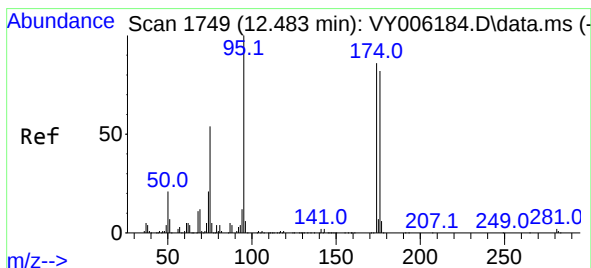
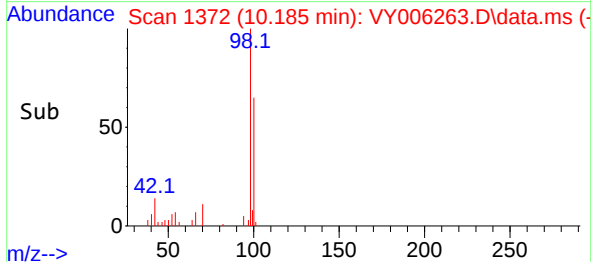
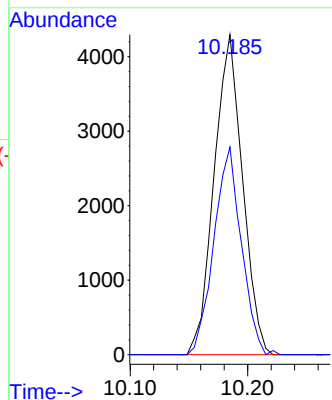
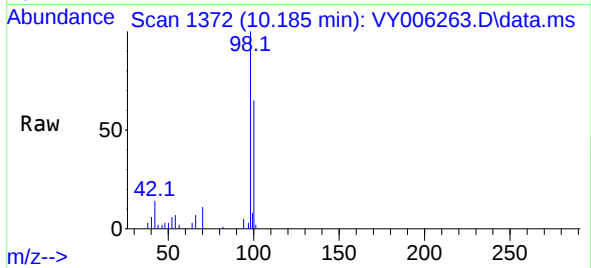




#50
Toluene-d8
Concen: 53.222 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006263.D
Acq: 01 Oct 2021 16:06

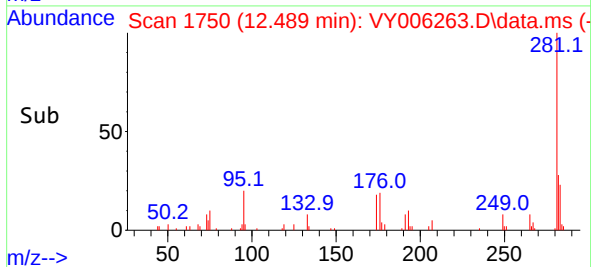
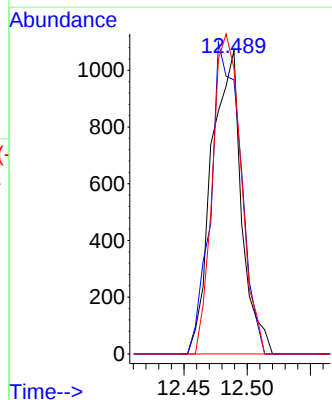
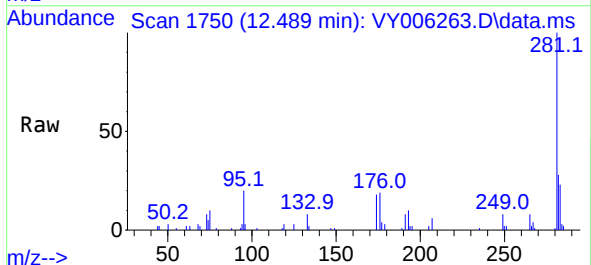
Instrument :
MSVOA_Y
ClientSampled :
205

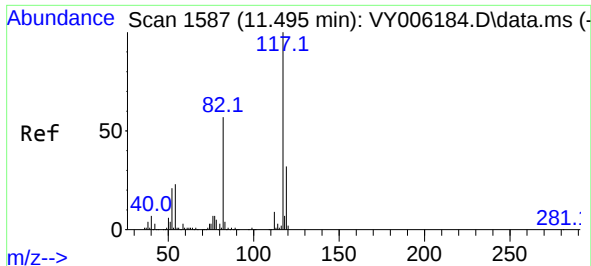
Tgt Ion: 98 Resp: 7227
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.045 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY006263.D
Acq: 01 Oct 2021 16:06

Tgt Ion: 95 Resp: 1755
Ion Ratio Lower Upper
95 100
174 102.9 0.0 177.0
176 100.6 0.0 175.8

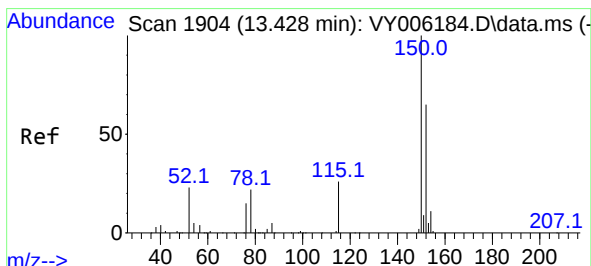
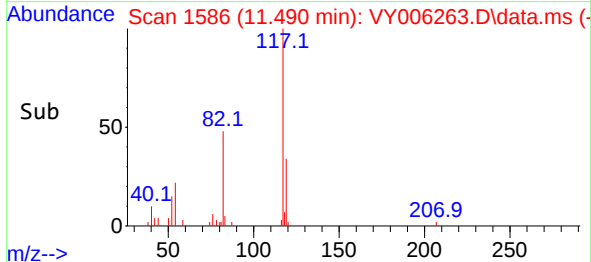
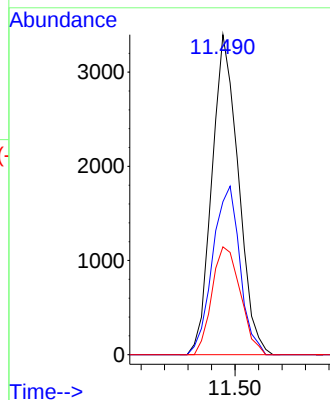
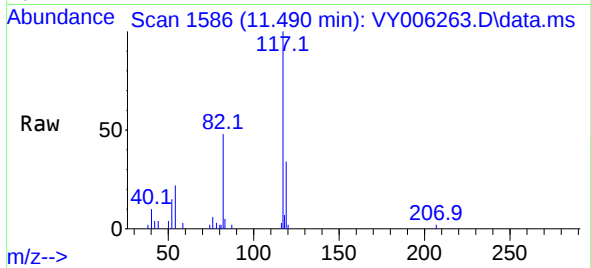




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006263.D
Acq: 01 Oct 2021 16:06

Instrument :
MSVOA_Y
ClientSampleId :
205

Tgt Ion:	117	Resp:	5311
Ion	Ratio	Lower	Upper
117	100		
82	47.8	43.0	64.4
119	33.7	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: VY006263.D
Acq: 01 Oct 2021 16:06

Tgt Ion:	152	Resp:	1890
Ion	Ratio	Lower	Upper
152	100		
115	61.0	28.2	84.7
150	159.1	0.0	347.6

