

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008289.D
 Acq On : 12 Apr 2022 15:46
 Operator : KP/MD
 Sample : N2340-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-14.5-15.0

Quant Time: Apr 13 08:13:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	6279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4624	78.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.800%
35) Dibromofluoromethane	7.716	113	4059	59.239	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.480%
50) Toluene-d8	10.185	98	14473	61.730	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.460%
62) 4-Bromofluorobenzene	12.483	95	5120	58.060	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.120%

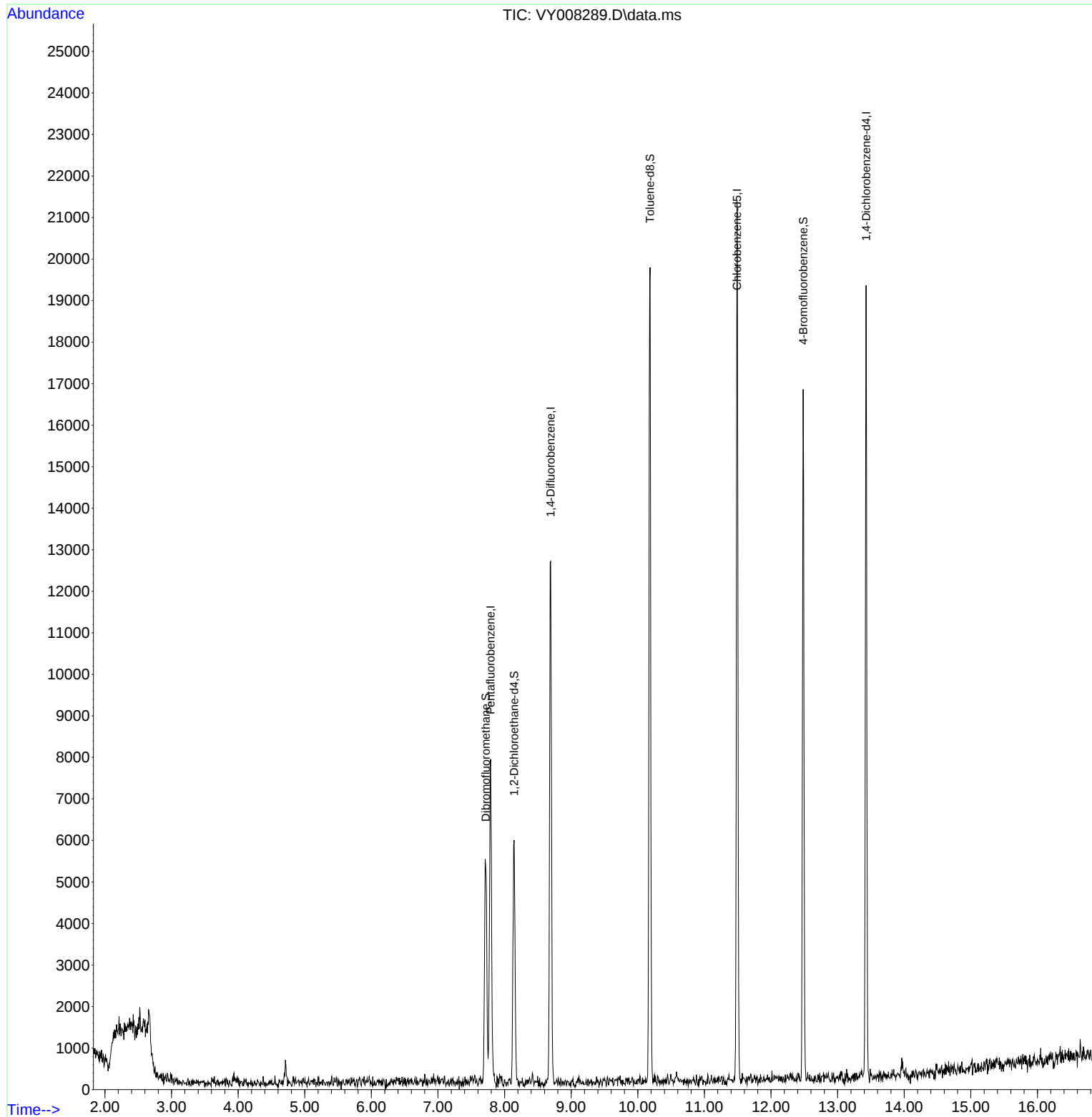
Target Compounds Qvalue

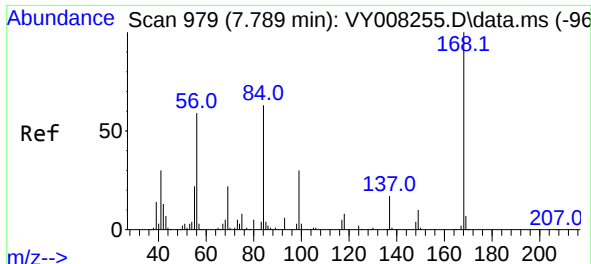
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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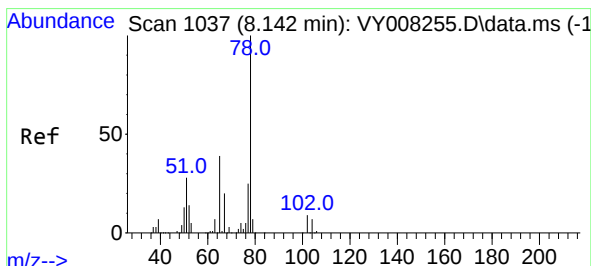
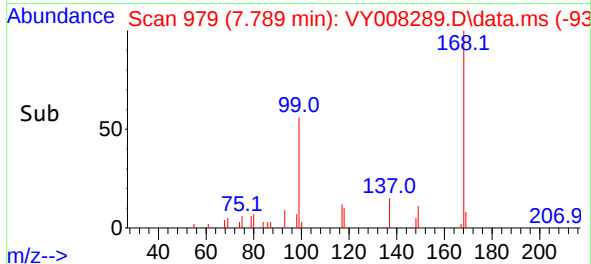
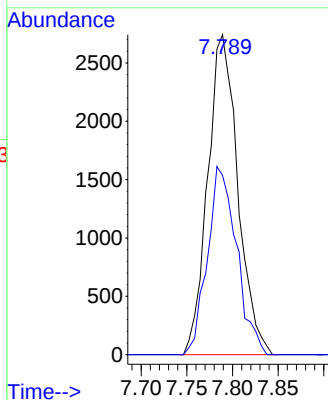
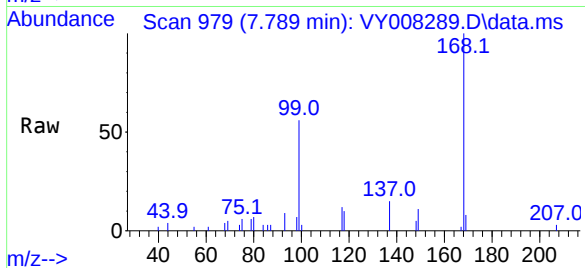




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008289.D
Acq: 12 Apr 2022 15:46

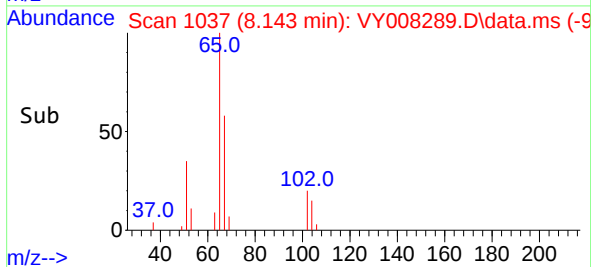
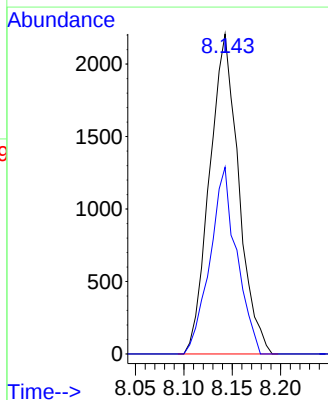
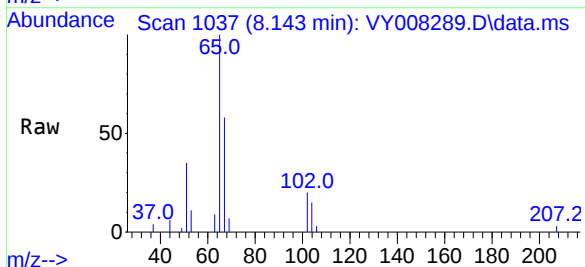
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

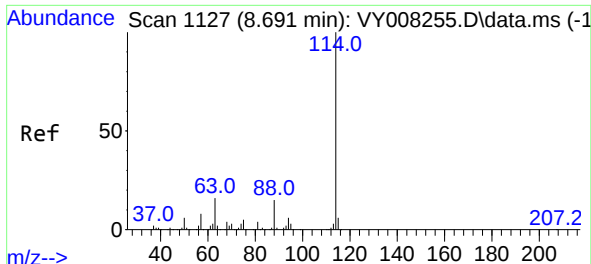
Tgt Ion:168 Resp: 6279
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 78.399 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008289.D
Acq: 12 Apr 2022 15:46

Tgt Ion: 65 Resp: 4624
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4

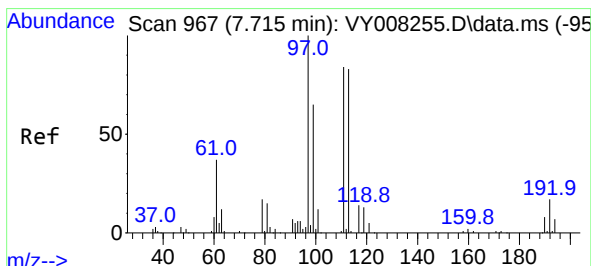
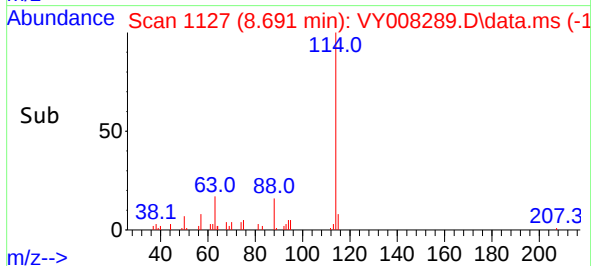
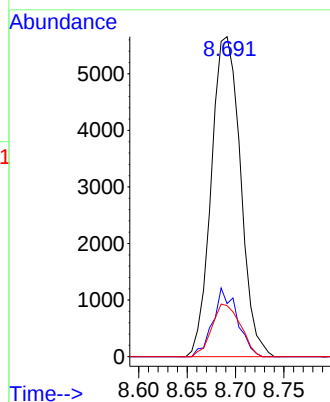
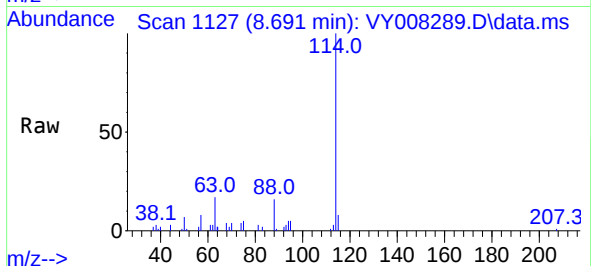




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008289.D
Acq: 12 Apr 2022 15:46

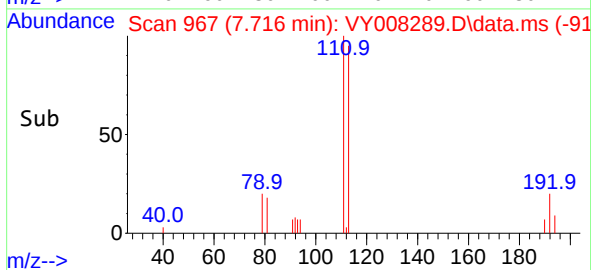
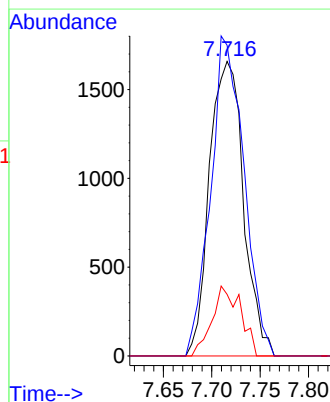
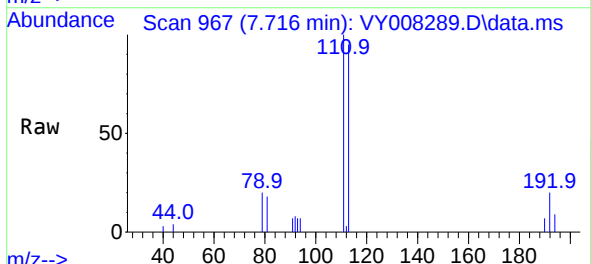
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

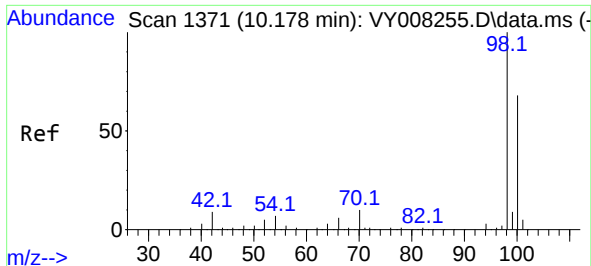
Tgt Ion:	114	Resp:	11863
Ion Ratio	Lower	Upper	
114	100		
63	16.6	0.0	43.2
88	15.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 59.239 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.001 min
Lab File: VY008289.D
Acq: 12 Apr 2022 15:46

Tgt Ion:	113	Resp:	4059
Ion Ratio	Lower	Upper	
113	100		
111	106.2	82.6	124.0
192	20.0	17.6	26.4

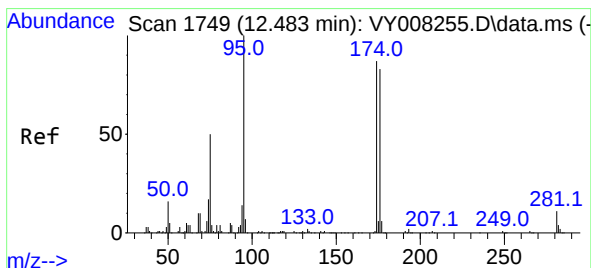
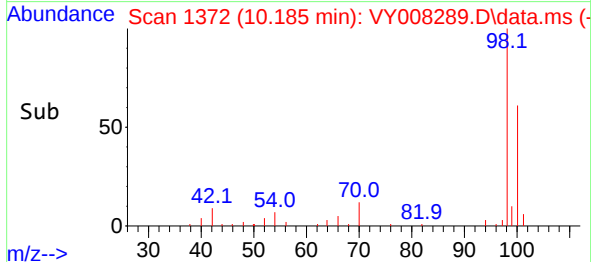
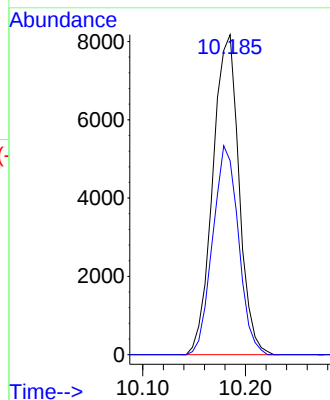
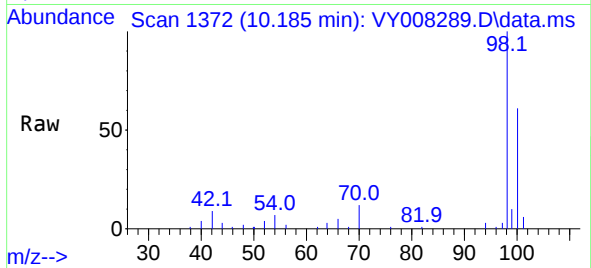




#50
Toluene-d8
Concen: 61.730 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008289.D
Acq: 12 Apr 2022 15:46

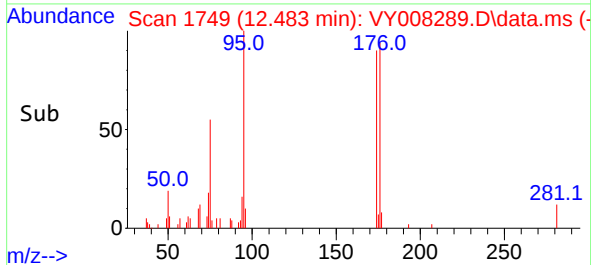
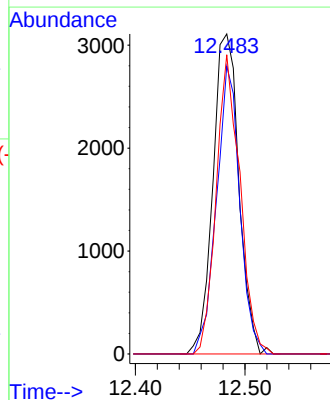
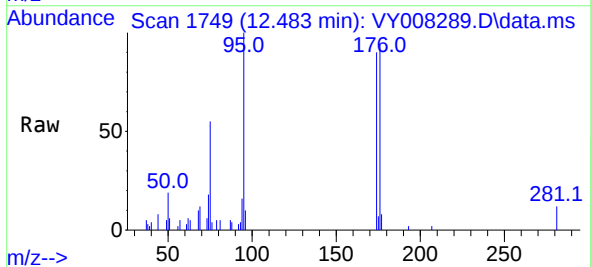
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

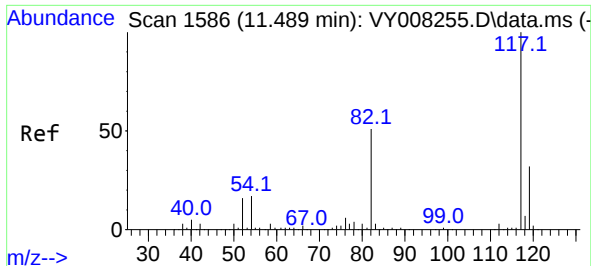
Tgt Ion: 98 Resp: 14473
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 58.060 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008289.D
Acq: 12 Apr 2022 15:46

Tgt Ion: 95 Resp: 5120
Ion Ratio Lower Upper
95 100
174 80.5 0.0 177.0
176 85.2 0.0 175.8

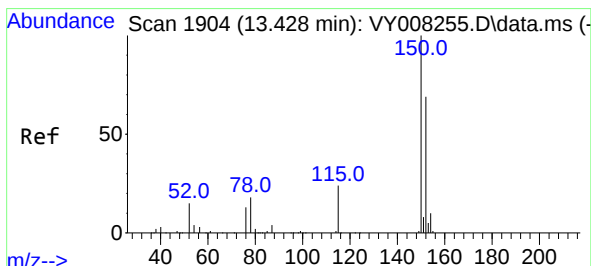
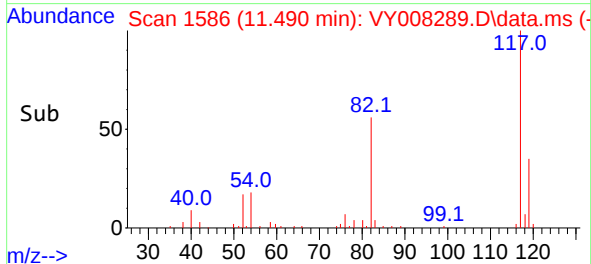
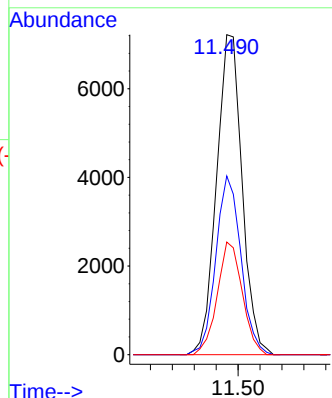
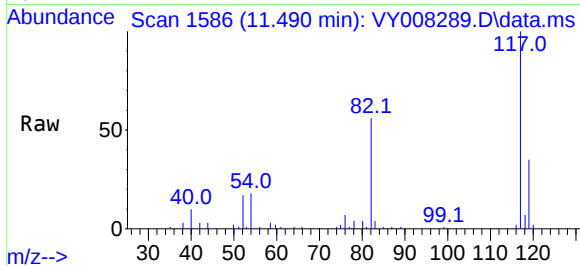




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11708
Delta R.T. 0.001 min
Lab File: VY008289.D
Acq: 12 Apr 2022 15:46

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-14.5-15.0

Tgt Ion:	117	Resp:	11708
Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.0	64.4
119	35.2	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: VY008289.D
Acq: 12 Apr 2022 15:46

Tgt Ion:	152	Resp:	4661
Ion	Ratio	Lower	Upper
152	100		
115	63.0	28.2	84.7
150	157.6	0.0	347.6

