

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004008.D
 Acq On : 11 Feb 2021 17:55
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 12 00:11:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	189130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	299389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	273140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97419	46.84	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.68%
35) Dibromofluoromethane	7.722	113	80790	46.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.30%
50) Toluene-d8	10.179	98	326292	47.50	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.00%
62) 4-Bromofluorobenzene	12.477	95	120326	48.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.10%

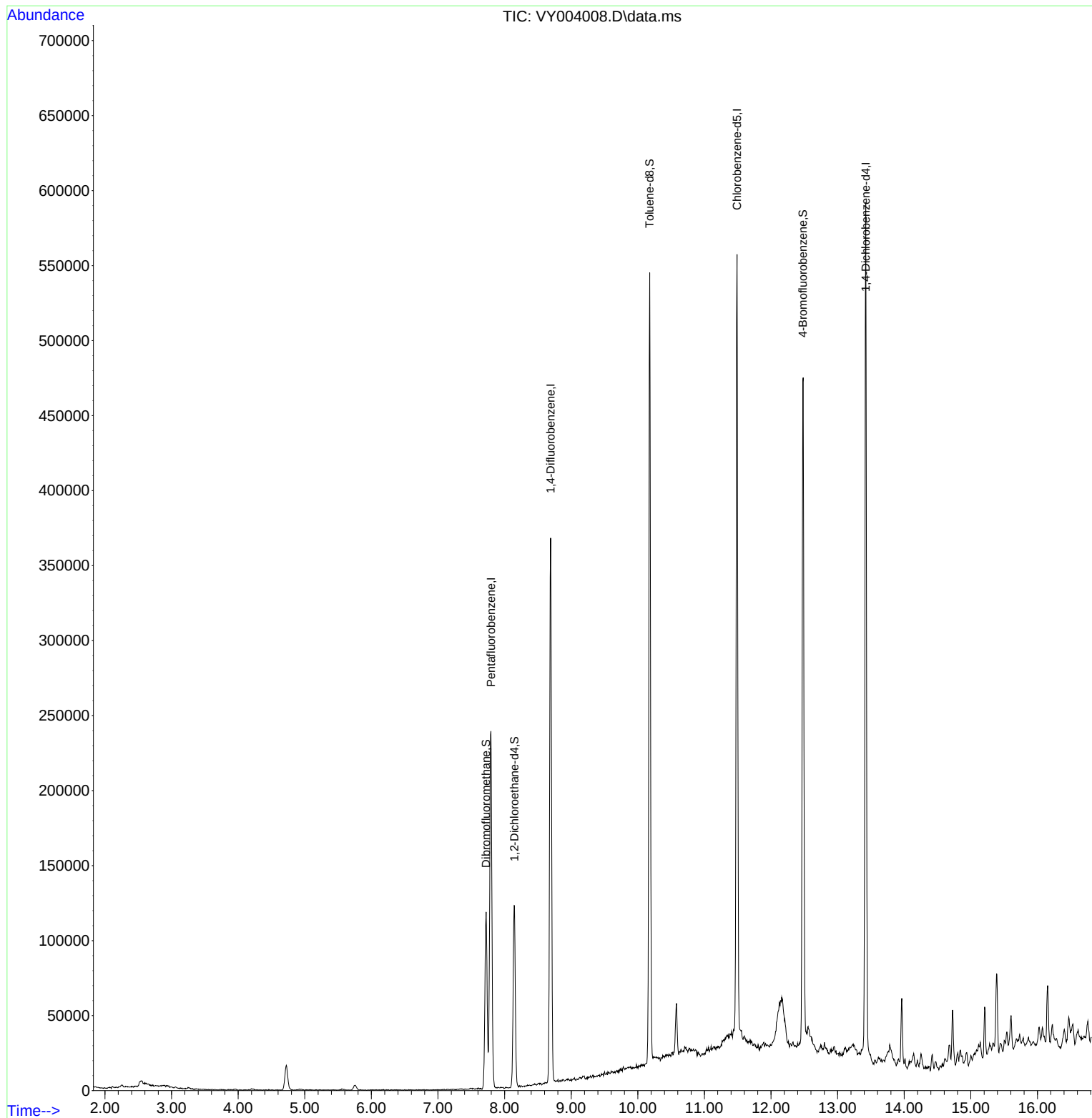
Target Compounds	Qvalue

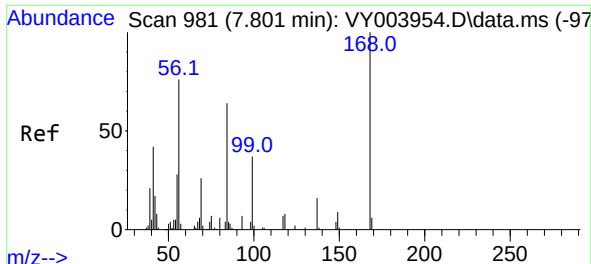
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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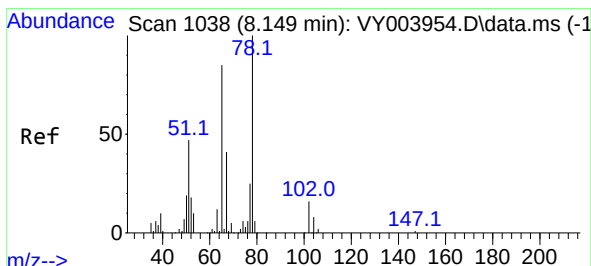
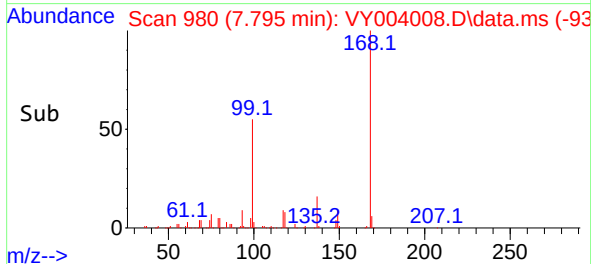
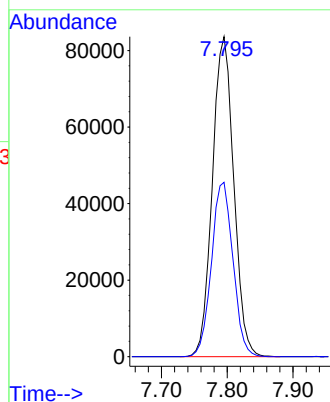
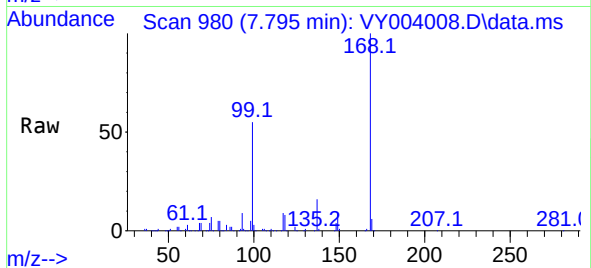




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

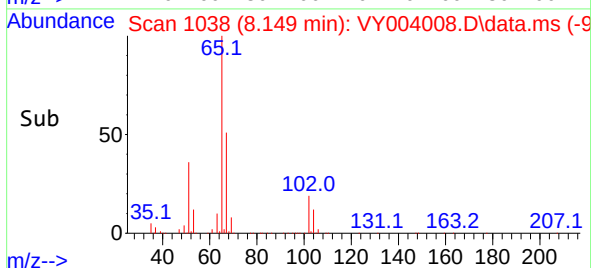
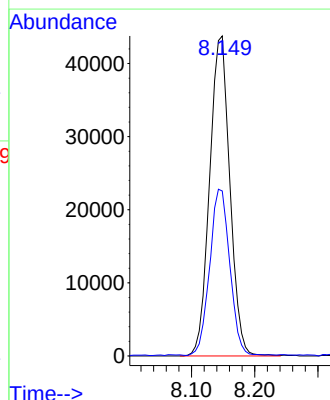
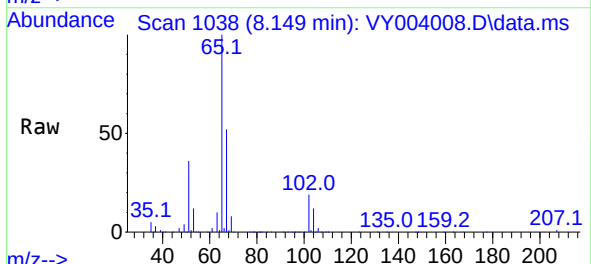
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

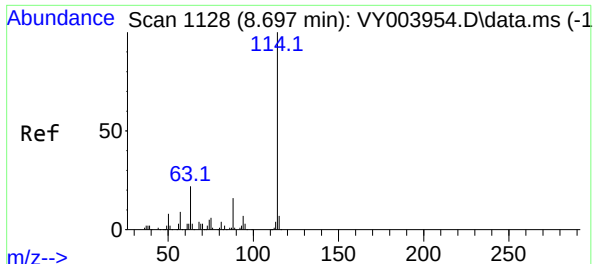
Tgt Ion:168 Resp: 189130
Ion Ratio Lower Upper
168 100
99 54.5 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 46.84 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

Tgt Ion: 65 Resp: 97419
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8

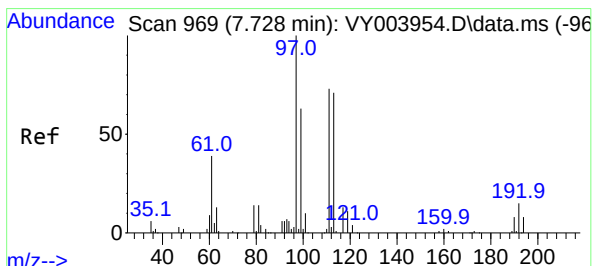
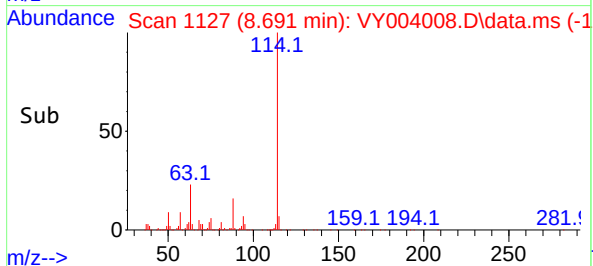
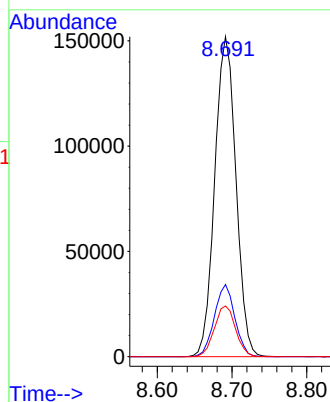
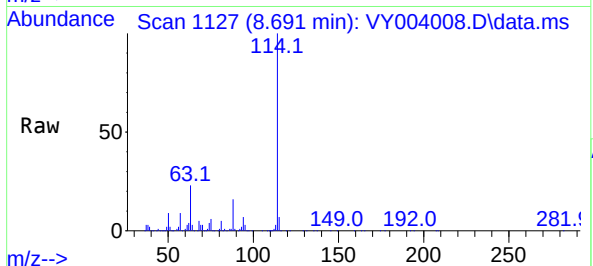




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

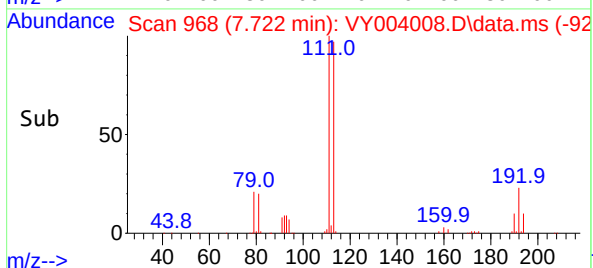
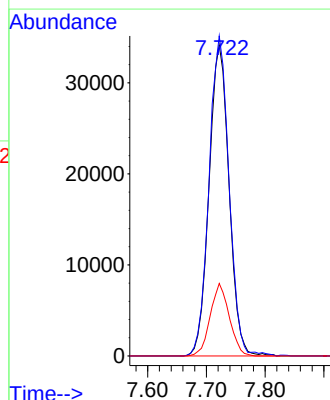
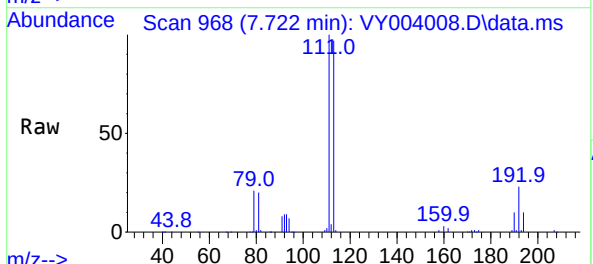
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

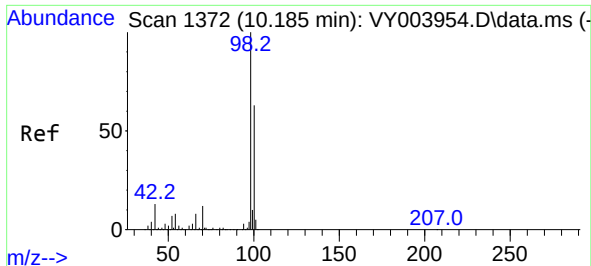
Tgt Ion:	114	Resp:	299389
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	47.2
88	15.8	0.0	30.2



#35
Dibromofluoromethane
Concen: 46.15 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

Tgt Ion:	113	Resp:	80790
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	22.2	18.3	27.5

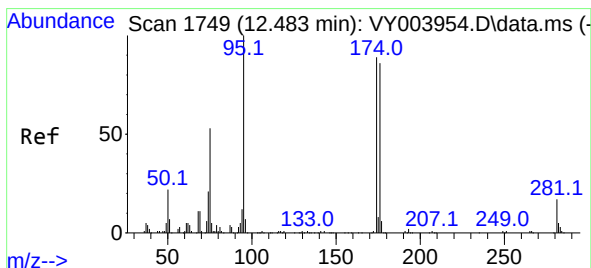
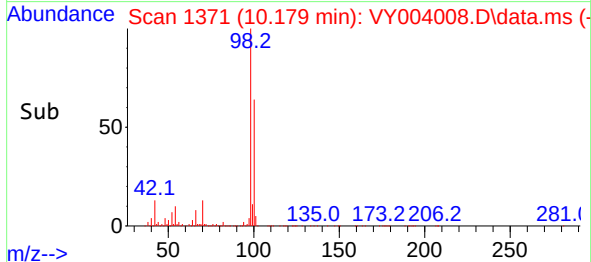
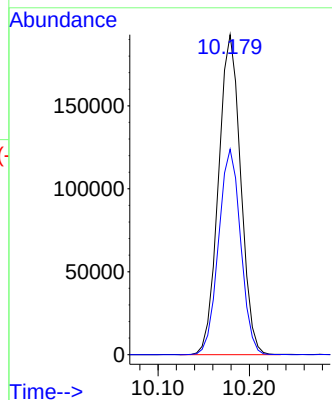
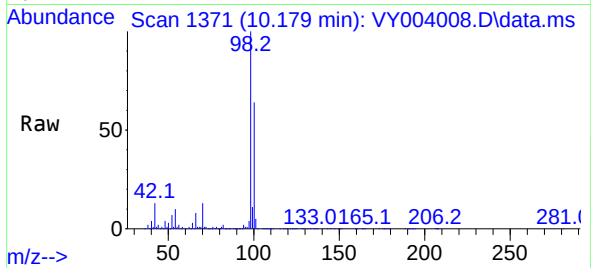




#50
Toluene-d8
Concen: 47.50 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

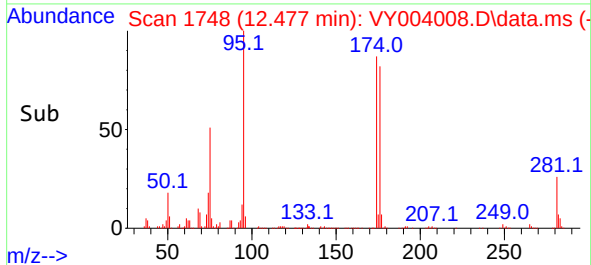
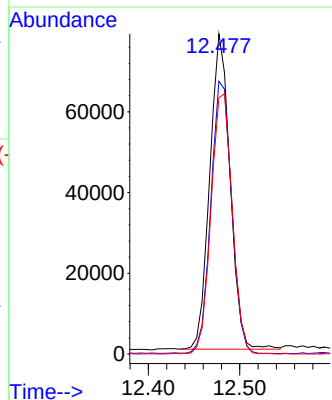
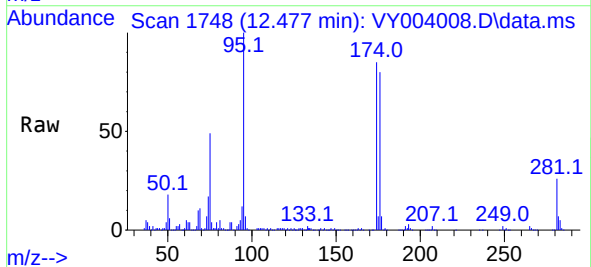
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

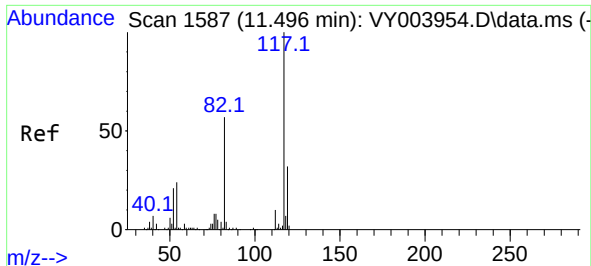
Tgt Ion: 98 Resp: 326292
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 48.05 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

Tgt Ion: 95 Resp: 120326
Ion Ratio Lower Upper
95 100
174 88.8 0.0 184.4
176 86.2 0.0 177.2

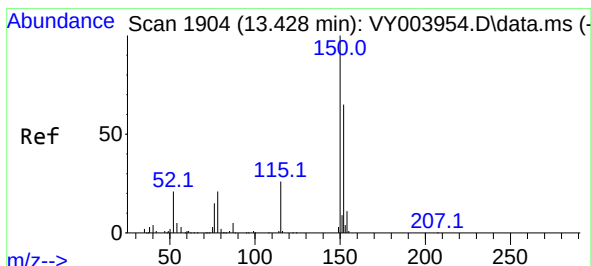
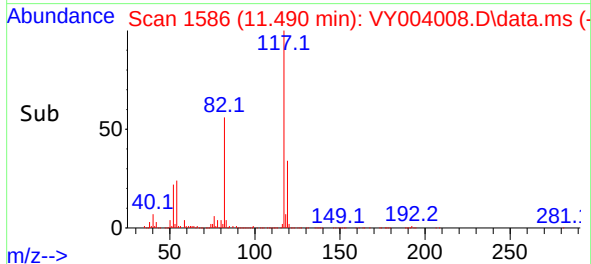
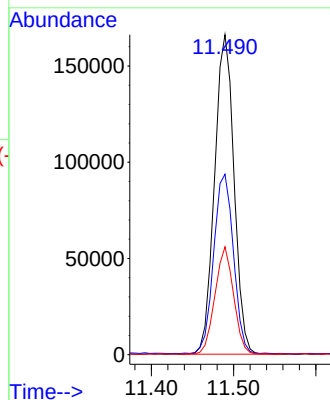
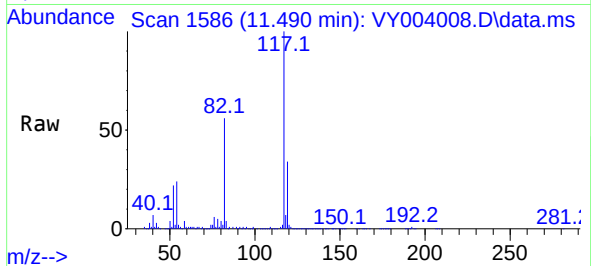




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

Instrument :
MSVOA_Y
ClientSampled :
VIBLK

Tgt Ion:117 Resp: 273140
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 33.5 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004008.D
Acq: 11 Feb 2021 17:55

Tgt Ion:152 Resp: 134754
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.6
150 156.4 0.0 356.2

