

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007414.D
 Acq On : 07 Feb 2022 15:42
 Operator : SY/MD
 Sample : N1412-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Feb 08 00:39:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	108969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	200008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85535	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70428	56.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.380%
35) Dibromofluoromethane	7.722	113	68029	51.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.900%
50) Toluene-d8	10.179	98	257353	52.683	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.483	95	91431	55.067	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.140%

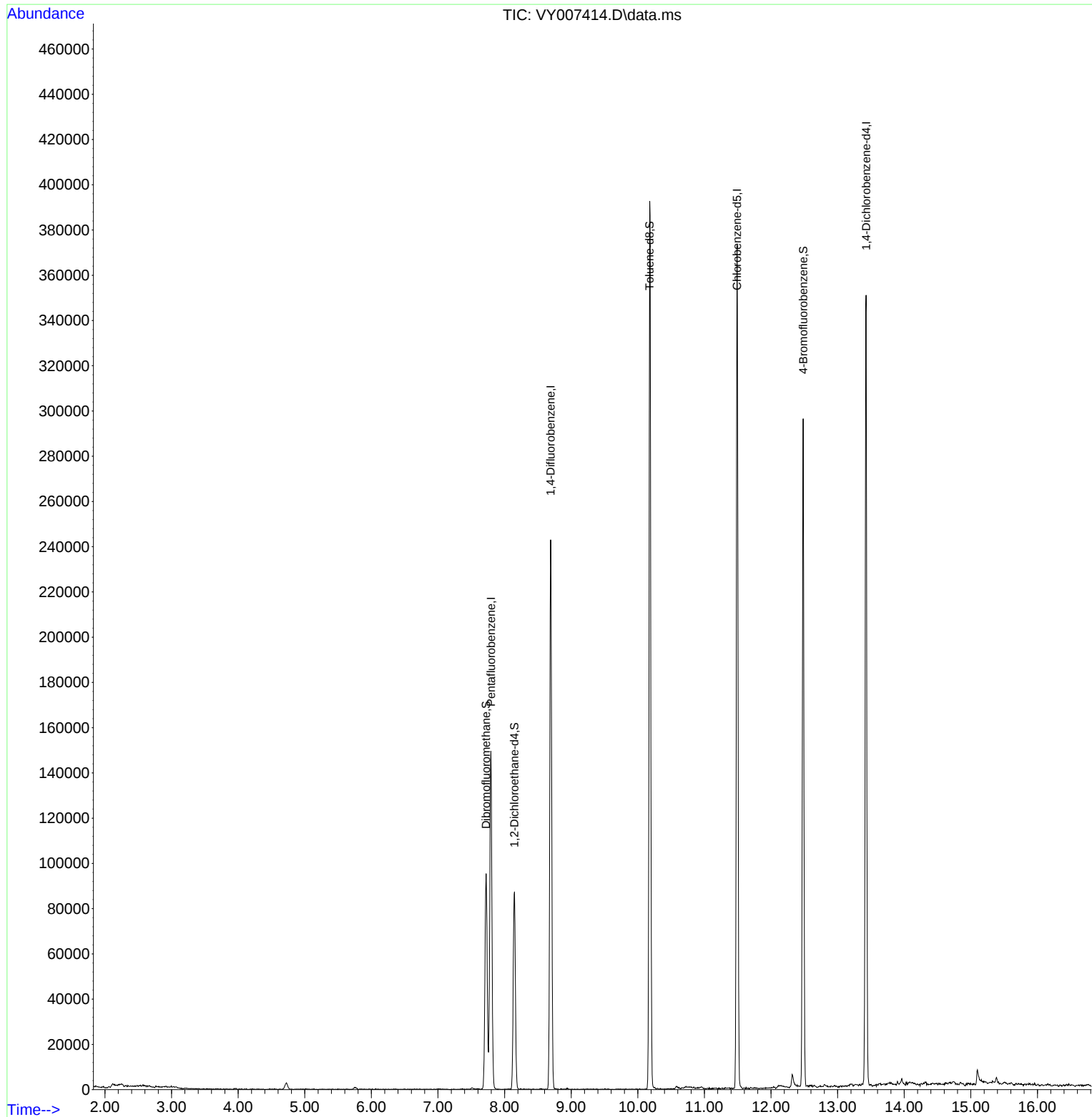
Target Compounds	Qvalue

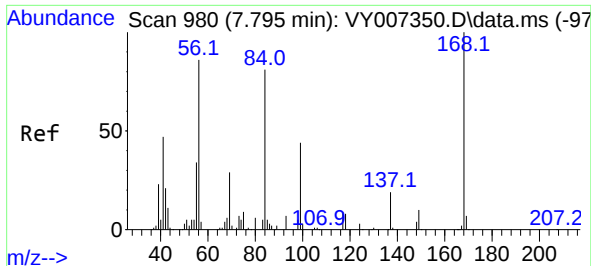
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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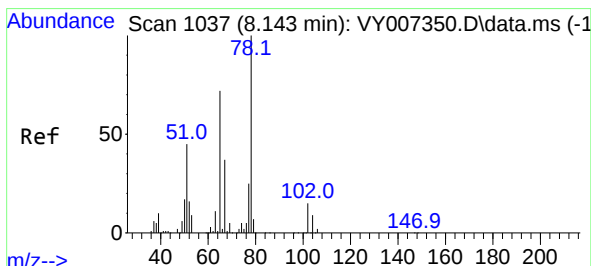
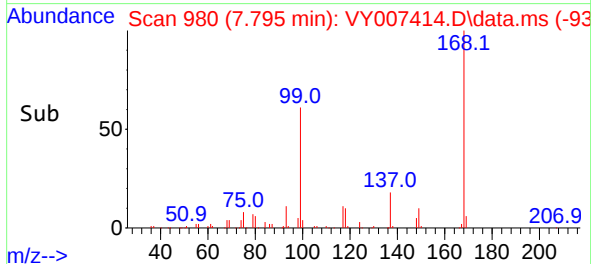
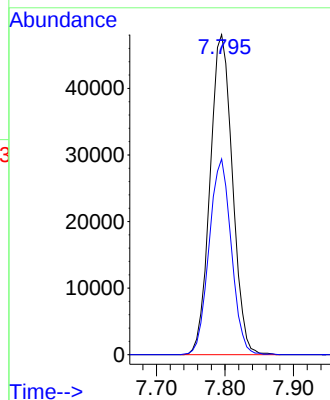
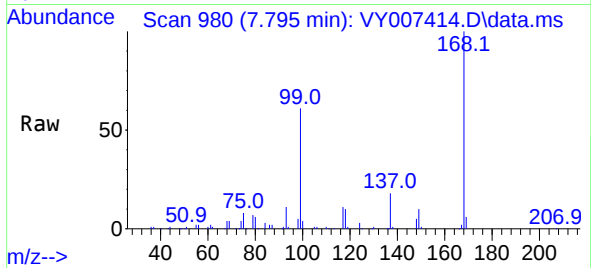




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

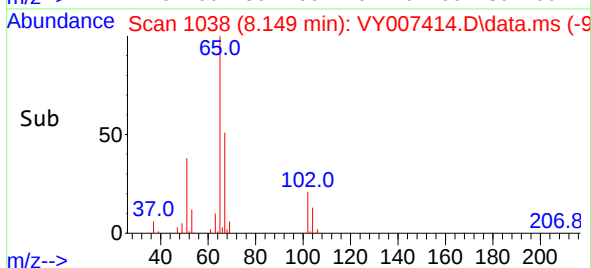
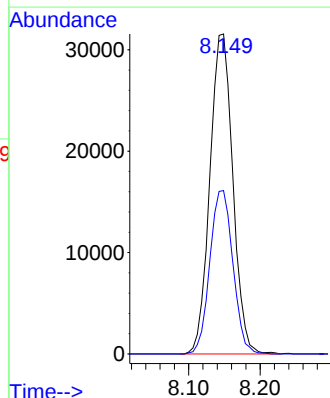
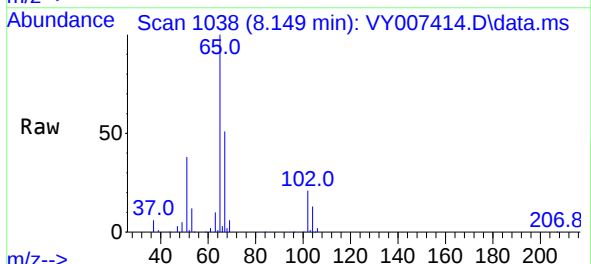
Instrument :
MSVOA_Y
ClientSampleId :
VOC

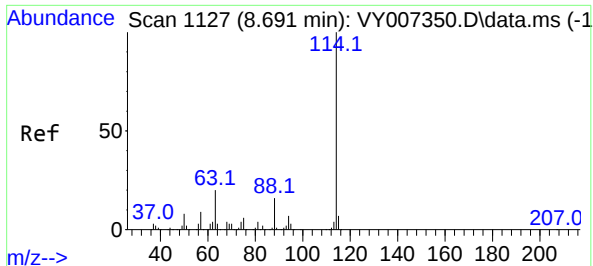
Tgt Ion:168 Resp: 108969
Ion Ratio Lower Upper
168 100
99 61.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.189 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

Tgt Ion: 65 Resp: 70428
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4

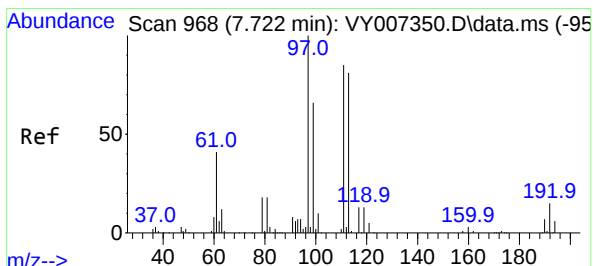
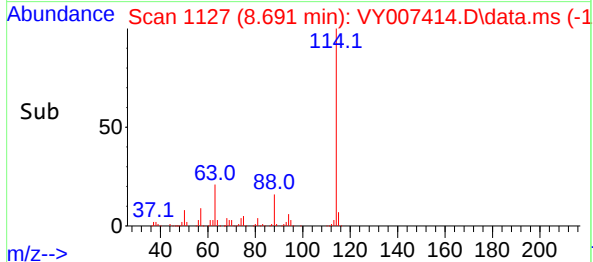
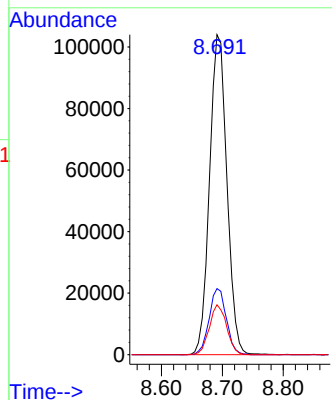
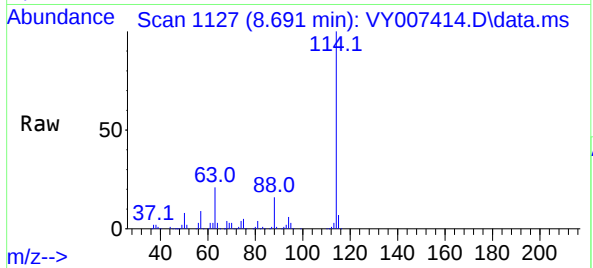




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

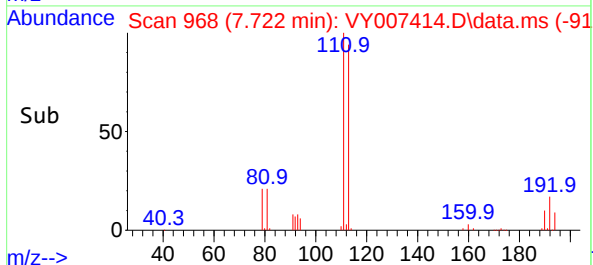
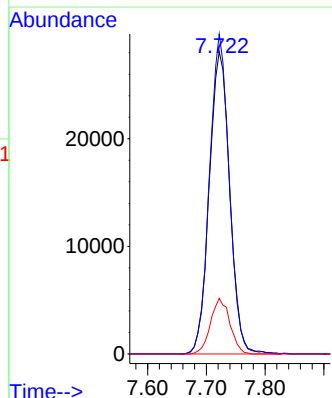
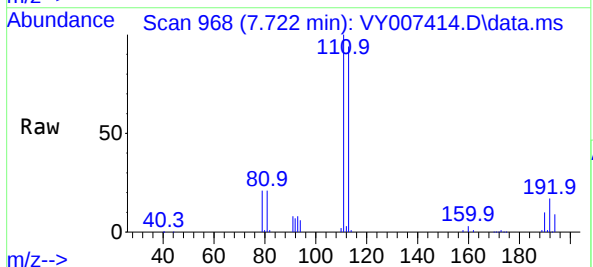
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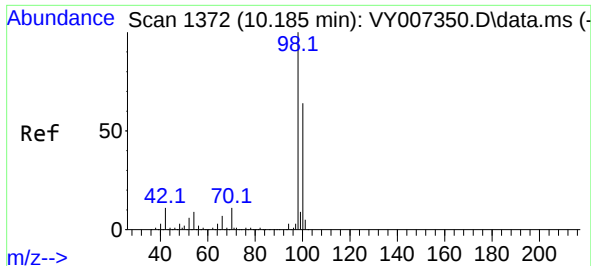
Tgt Ion:114 Resp: 205910
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.451 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

Tgt Ion:113 Resp: 68029
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 17.4 17.6 26.4#

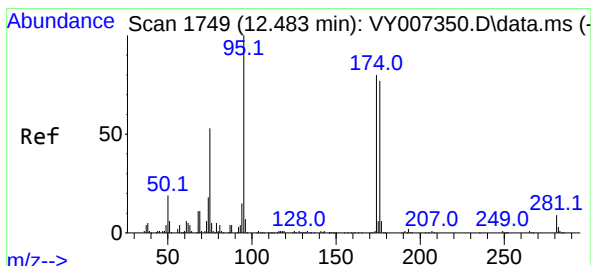
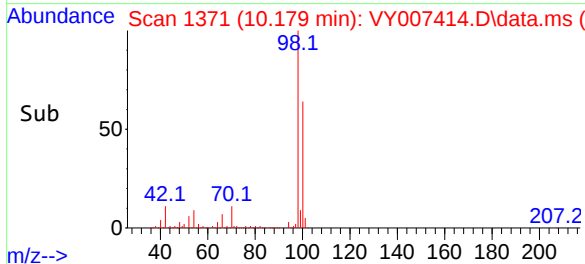
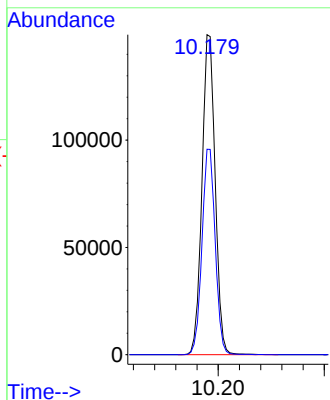
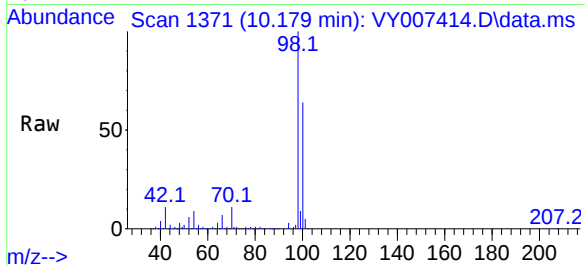




#50
Toluene-d8
Concen: 52.683 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

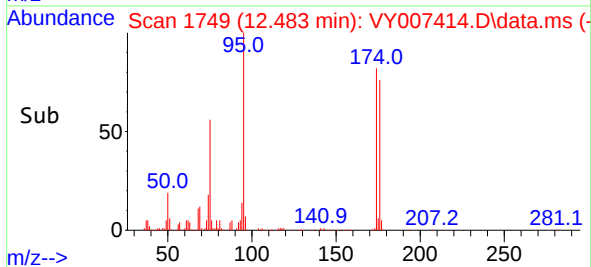
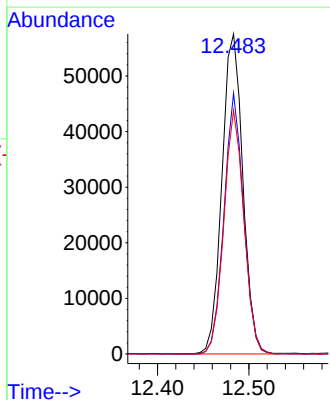
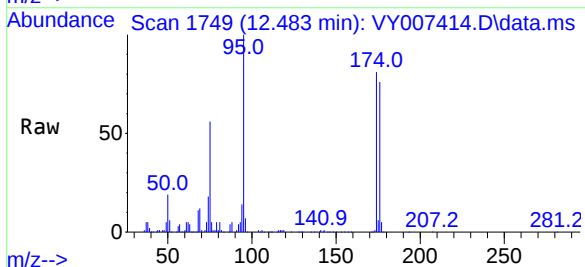
Instrument :
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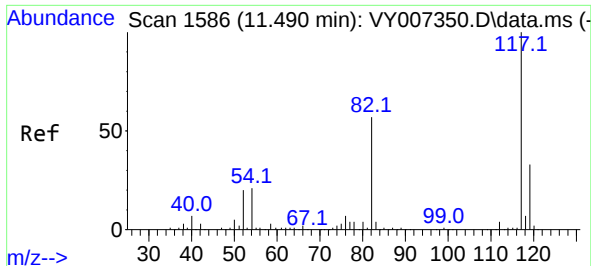
Tgt Ion: 98 Resp: 257353
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 55.067 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

Tgt Ion: 95 Resp: 91431
Ion Ratio Lower Upper
95 100
174 76.6 0.0 177.0
176 72.9 0.0 175.8

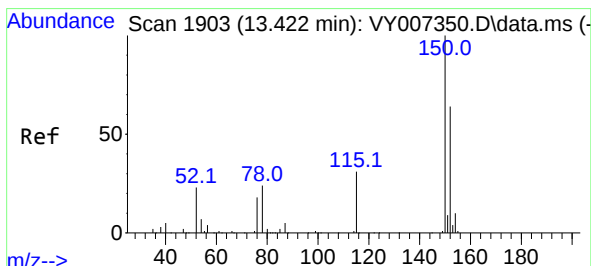
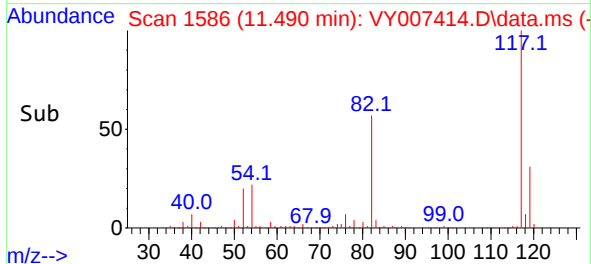
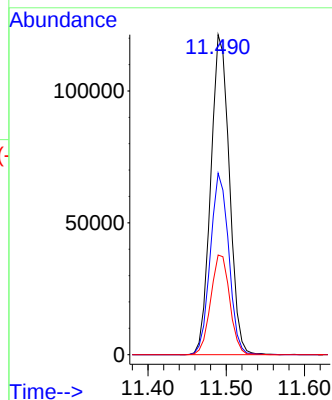
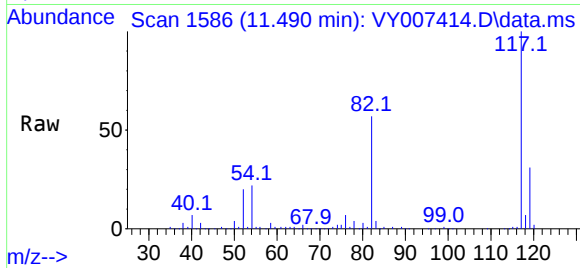




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 200008
Ion Ratio Lower Upper
117 100
82 56.7 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007414.D
Acq: 07 Feb 2022 15:42

Tgt Ion:152 Resp: 85535
Ion Ratio Lower Upper
152 100
115 60.7 28.2 84.7
150 156.8 0.0 347.6

