

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
 Data File : VY006011.D
 Acq On : 14 Sep 2021 16:30
 Operator : SY/MD
 Sample : M3726-02
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Sep 15 05:14:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	100732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	193014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105269	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80808	57.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.500%
35) Dibromofluoromethane	7.722	113	59207	49.387	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.780%
50) Toluene-d8	10.185	98	255195	49.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.483	95	93222	53.737	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.480%

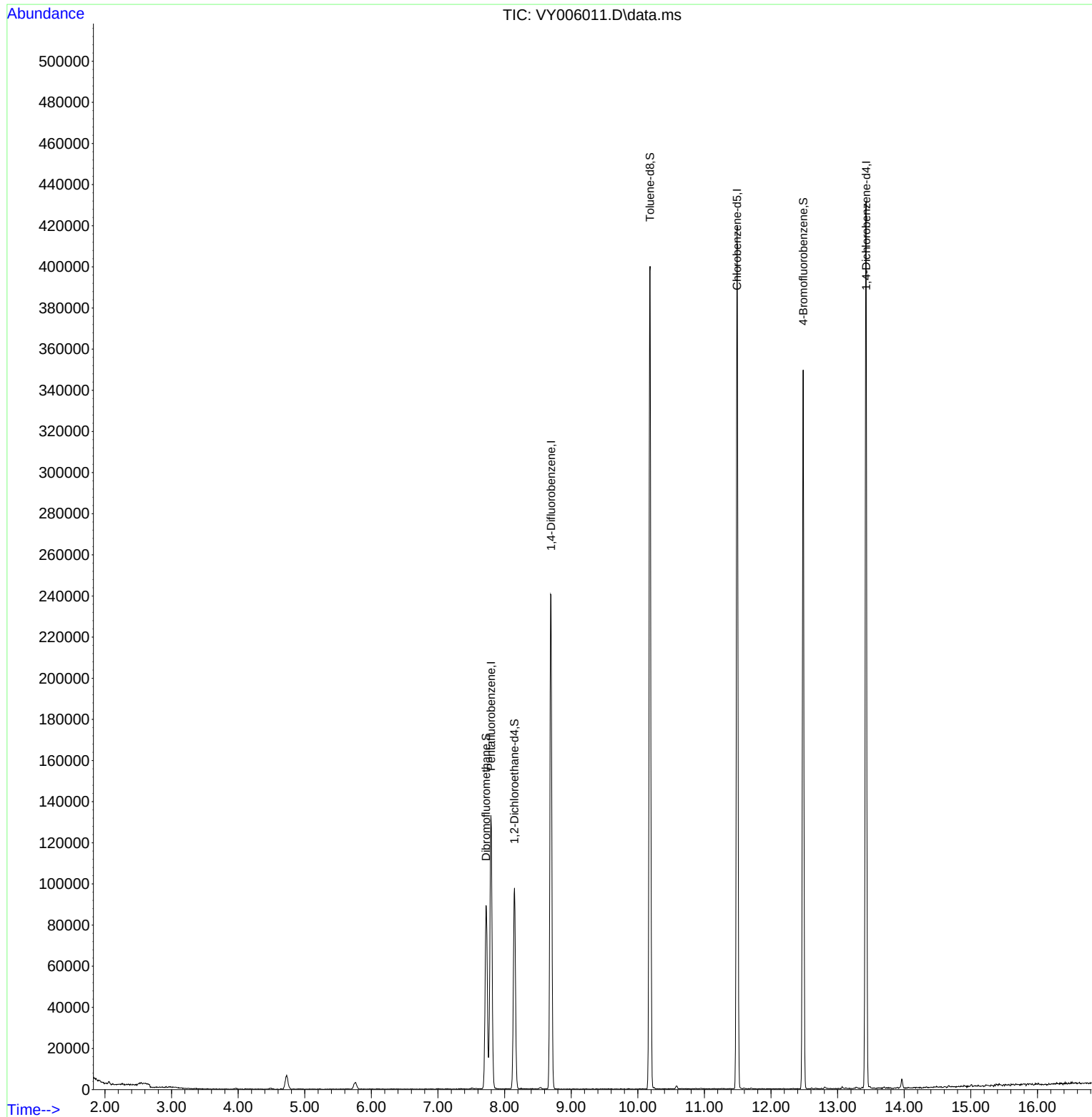
Target Compounds	Qvalue

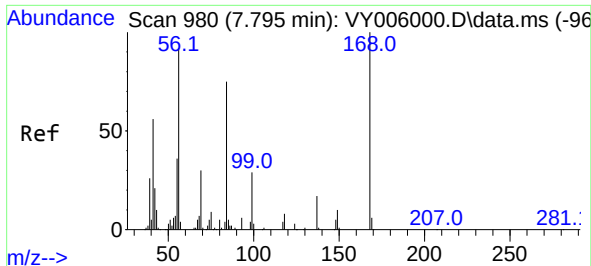
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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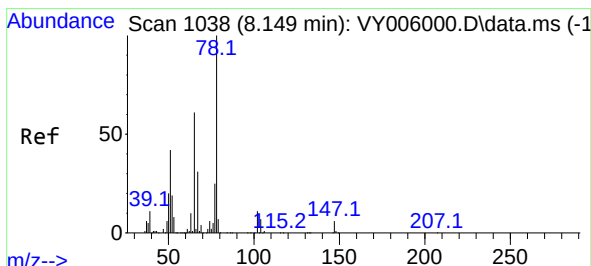
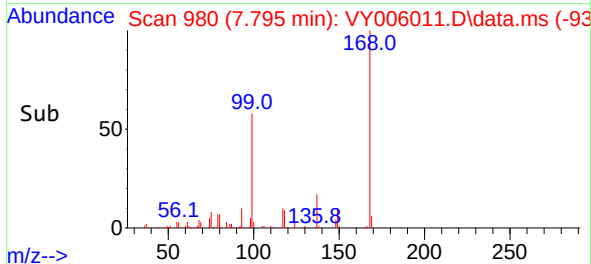
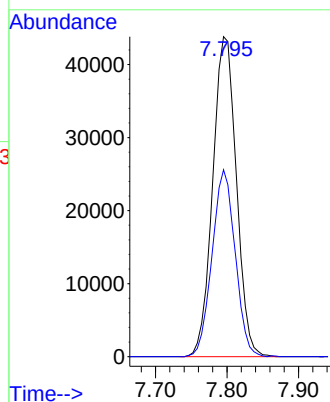
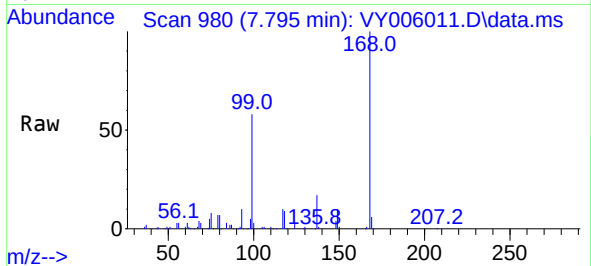




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006011.D
Acq: 14 Sep 2021 16:30

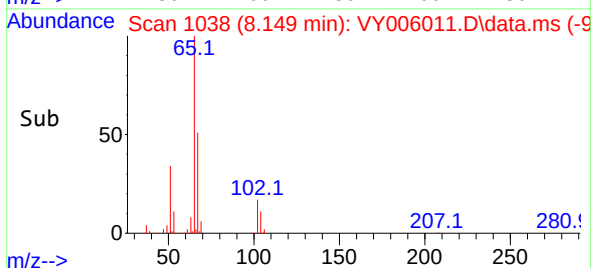
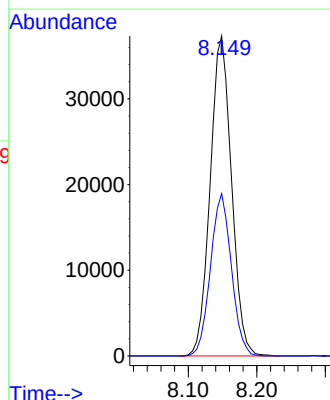
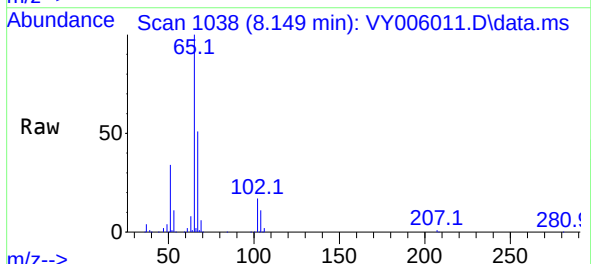
Instrument :
MSVOA_Y
ClientSampleId :
VOC

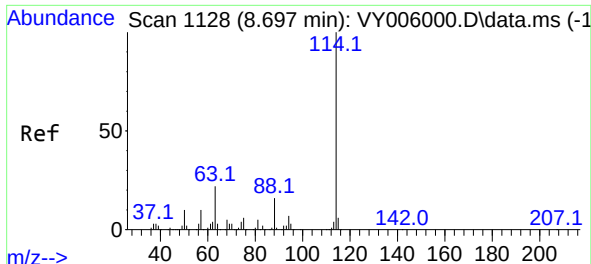
Tgt Ion:168 Resp: 100732
Ion Ratio Lower Upper
168 100
99 58.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.752 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006011.D
Acq: 14 Sep 2021 16:30

Tgt Ion: 65 Resp: 80808
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4



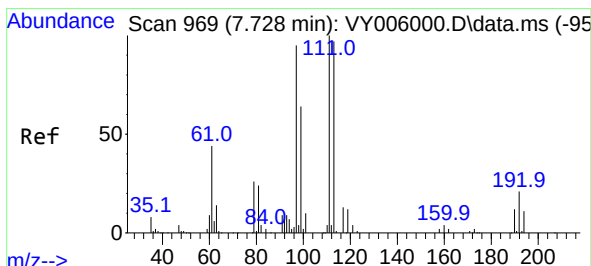
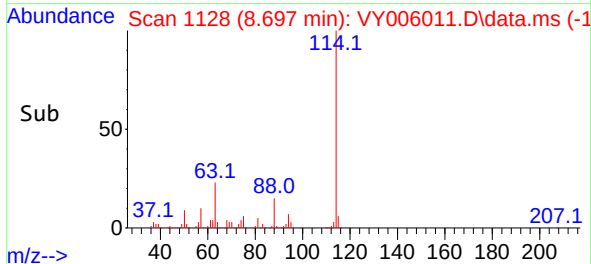
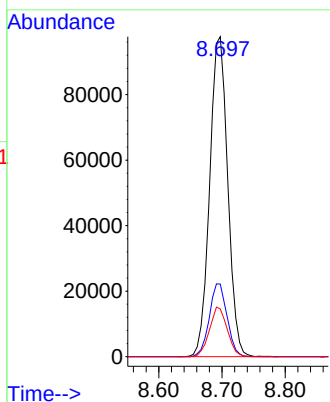
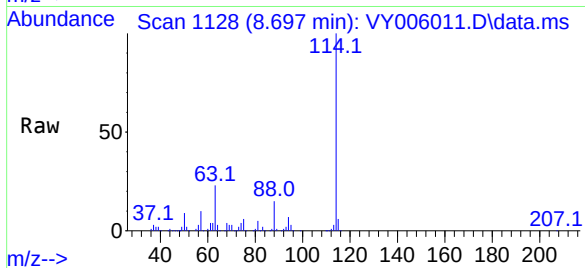


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006011.D
Acq: 14 Sep 2021 16:30

Instrument :
MSVOA_Y
ClientSampled :
VOC

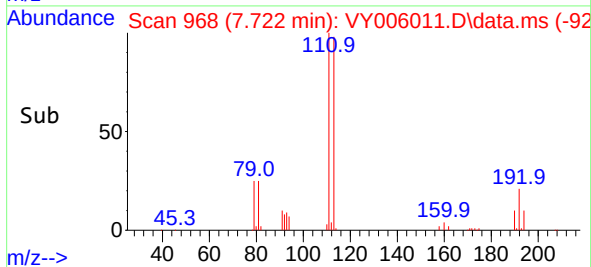
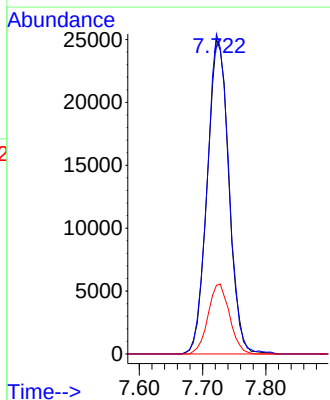
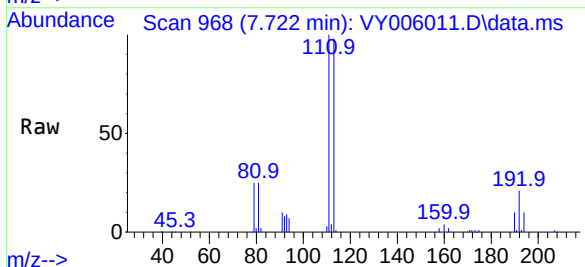
Tgt Ion:	114	Resp:	193014
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.2
88	14.9	0.0	31.8

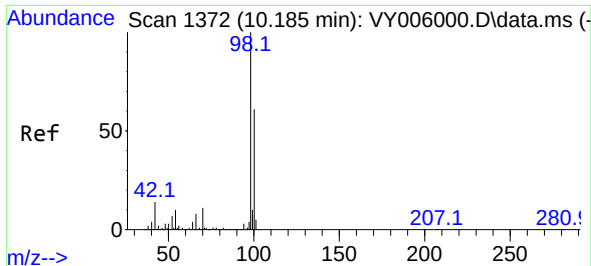


#35

Dibromofluoromethane
Concen: 49.387 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006011.D
Acq: 14 Sep 2021 16:30

Tgt Ion:	113	Resp:	59207
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	124.0
192	22.0	17.6	26.4

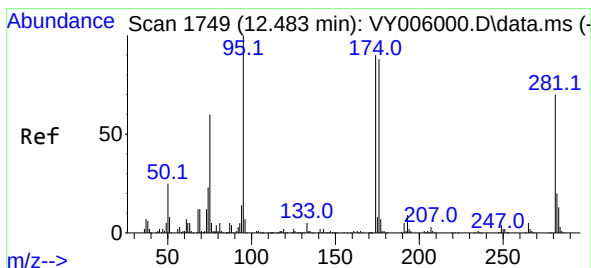
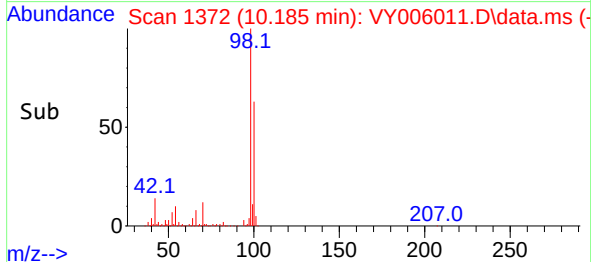
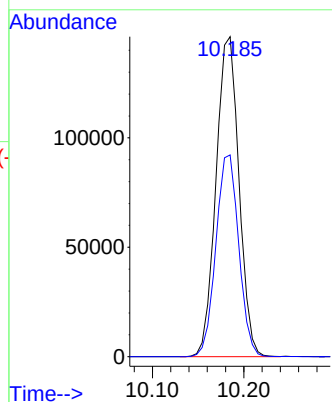
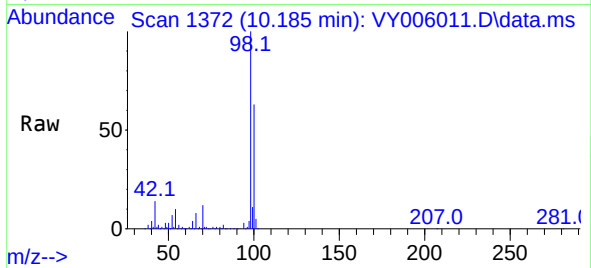




#50
Toluene-d8
Concen: 49.945 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006011.D
Acq: 14 Sep 2021 16:30

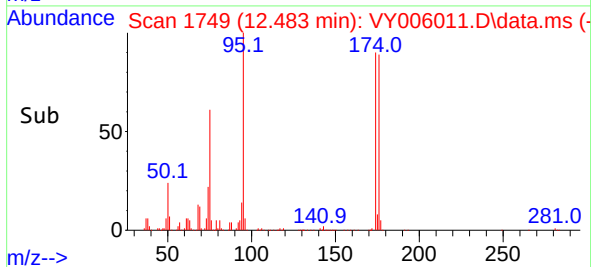
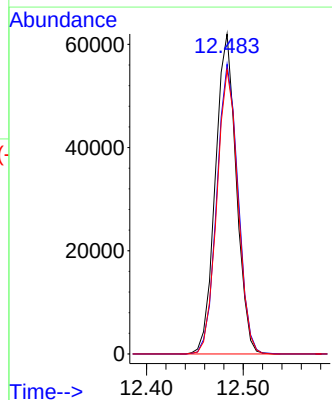
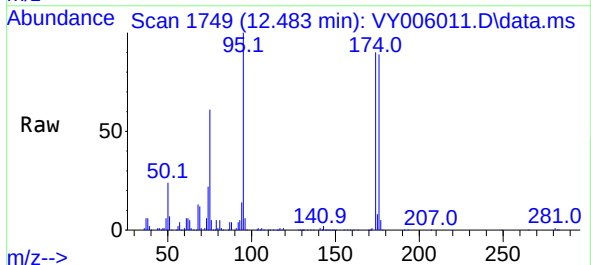
Instrument :
MSVOA_Y
ClientSampled :
VOC

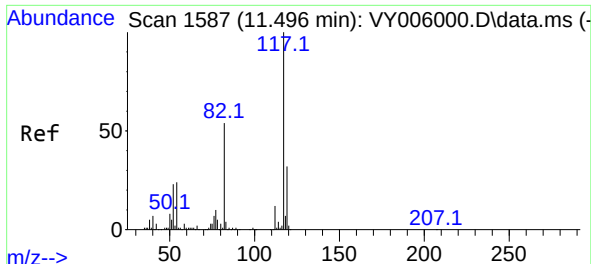
Tgt Ion: 98 Resp: 255195
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.737 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006011.D
Acq: 14 Sep 2021 16:30

Tgt Ion: 95 Resp: 93222
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 89.1 0.0 175.8

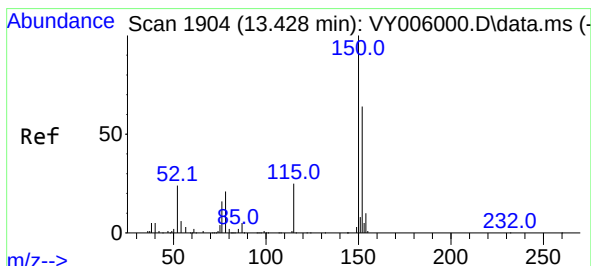
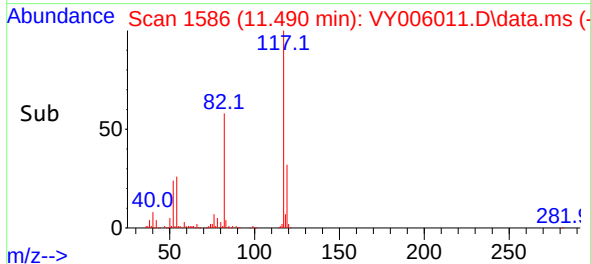
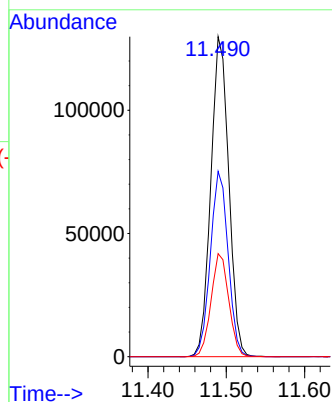
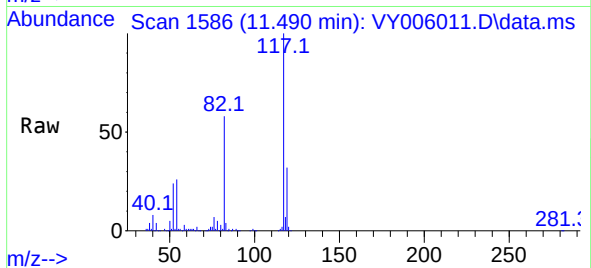




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006011.D
Acq: 14 Sep 2021 16:30

Instrument :
MSVOA_Y
ClientSampled :
VOC

Tgt Ion:117 Resp: 206362
Ion Ratio Lower Upper
117 100
82 57.9 43.0 64.4
119 32.2 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: VY006011.D
Acq: 14 Sep 2021 16:30

Tgt Ion:152 Resp: 105269
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.5 0.0 347.6

