

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007897.D
 Acq On : 18 Mar 2022 13:13
 Operator : SY/MD
 Sample : N1919-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Mar 19 00:12:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	301371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	544709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	492203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	212235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	179079	52.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.240%
35) Dibromofluoromethane	7.722	113	169588	44.331	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.660%
50) Toluene-d8	10.179	98	646670	56.786	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.580%
62) 4-Bromofluorobenzene	12.483	95	228223	41.569	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.140%

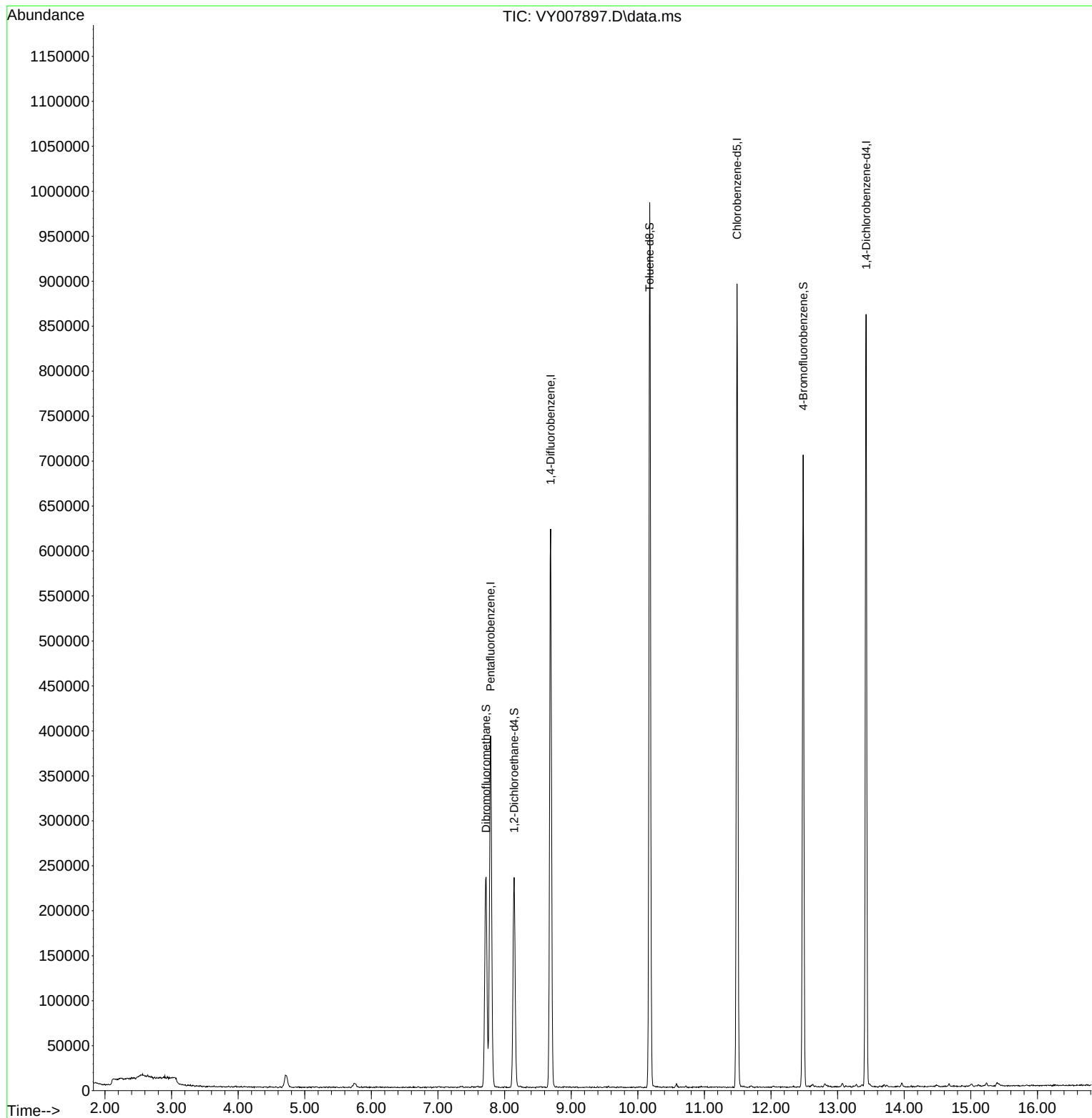
Target Compounds	Qvalue

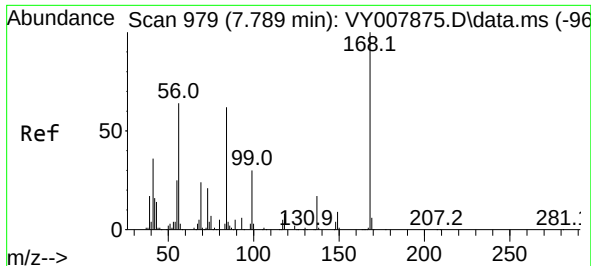
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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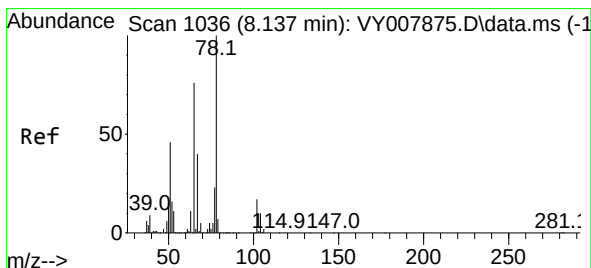
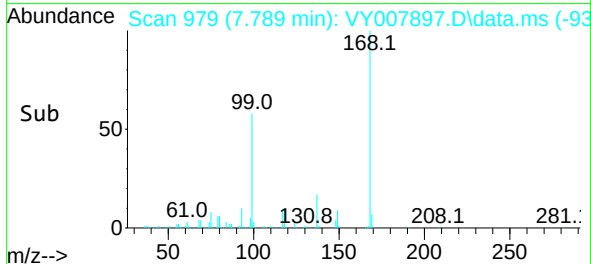
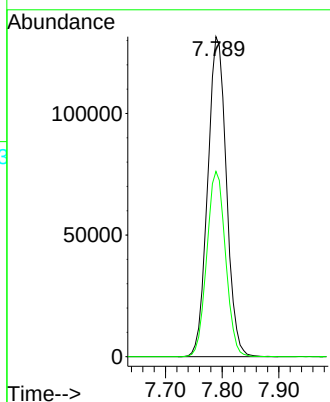
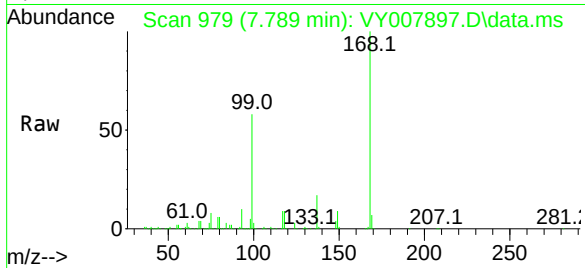




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007897.D
Acq: 18 Mar 2022 13:13

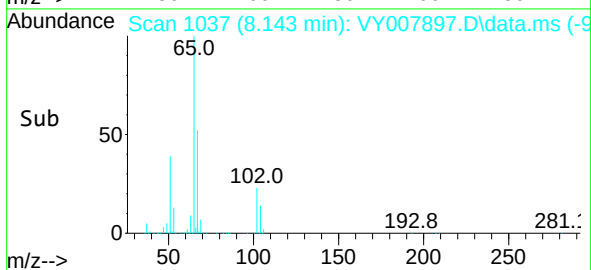
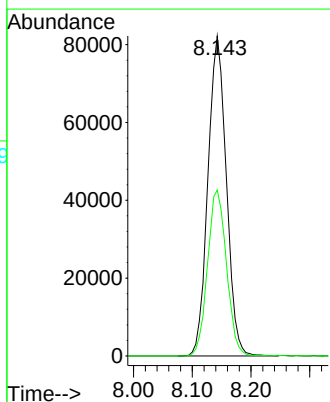
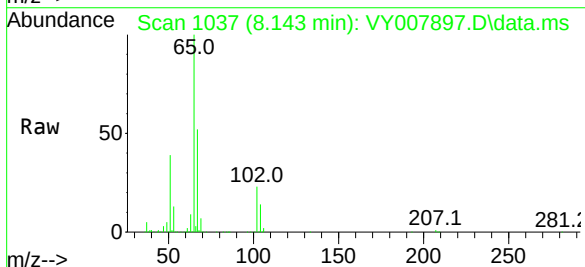
Instrument :
MSVOA_Y
ClientSampleId :
VOC

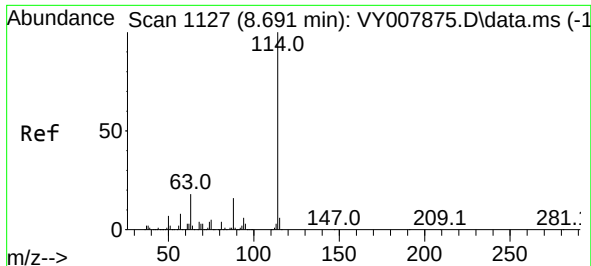
Tgt Ion:168 Resp: 301371
Ion Ratio Lower Upper
168 100
99 57.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.115 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007897.D
Acq: 18 Mar 2022 13:13

Tgt Ion: 65 Resp: 179079
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4

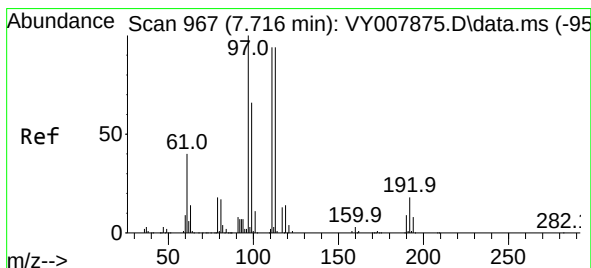
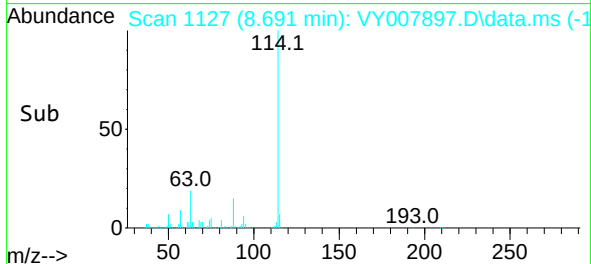
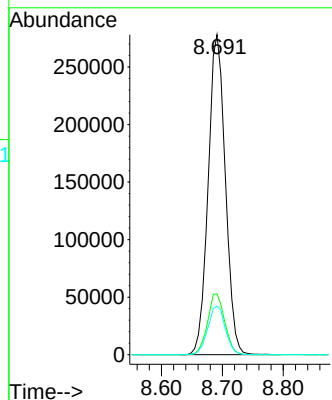
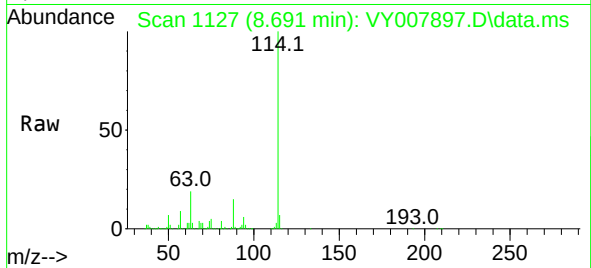




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007897.D
Acq: 18 Mar 2022 13:13

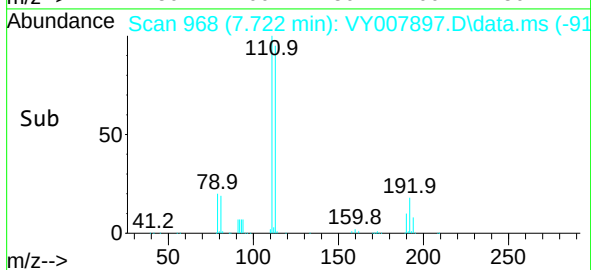
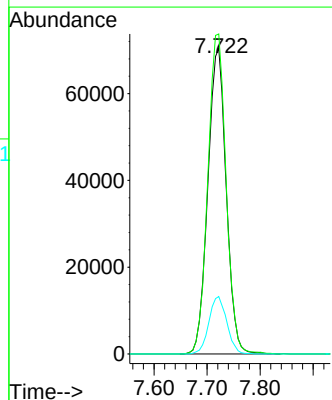
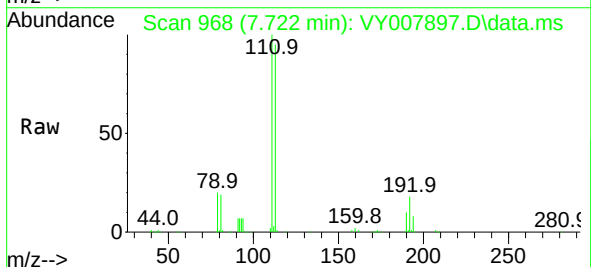
Instrument :
MSVOA_Y
ClientSampleId :
VOC

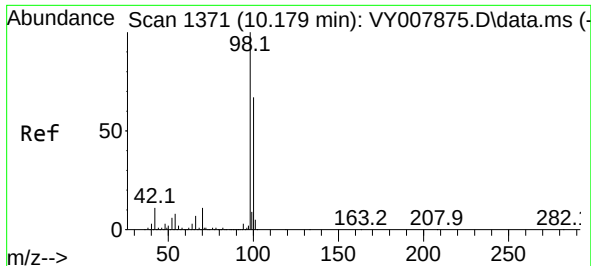
Tgt Ion:114 Resp: 544709
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.331 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007897.D
Acq: 18 Mar 2022 13:13

Tgt Ion:113 Resp: 169588
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 18.3 17.6 26.4

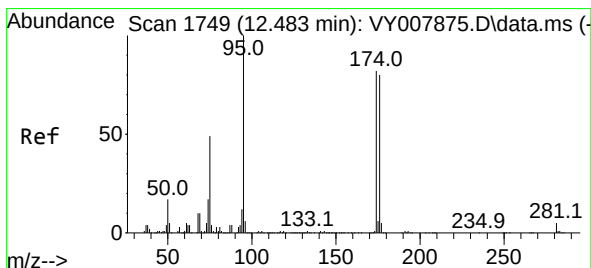
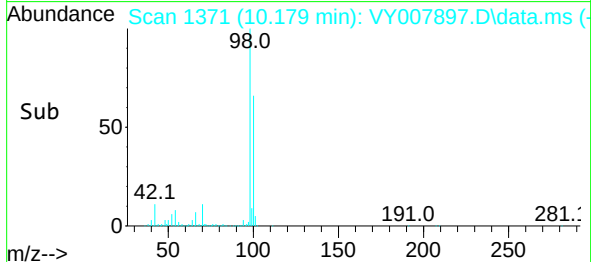
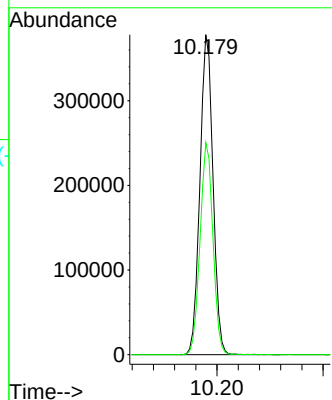
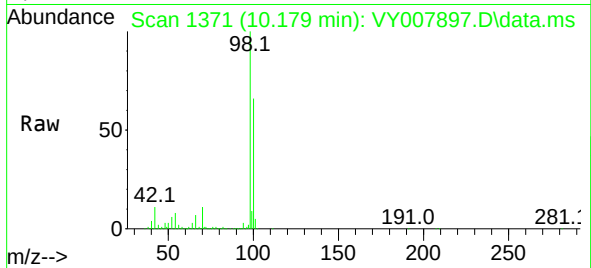




#50
Toluene-d8
Concen: 56.786 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007897.D
Acq: 18 Mar 2022 13:13

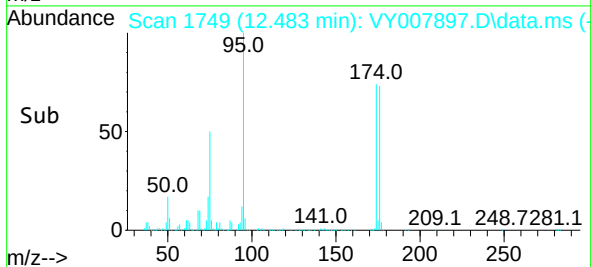
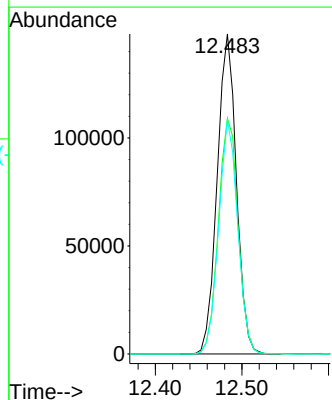
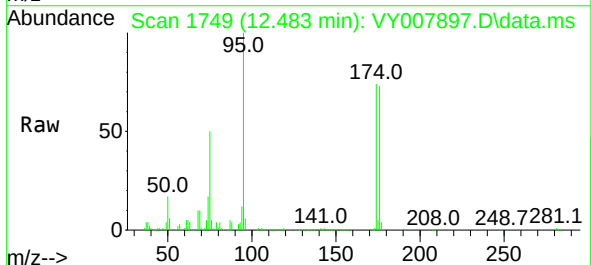
Instrument :
MSVOA_Y
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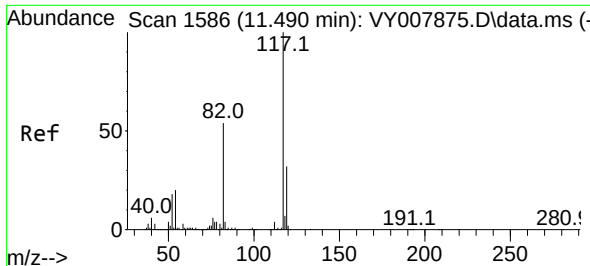
Tgt Ion: 98 Resp: 646670
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.569 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007897.D
Acq: 18 Mar 2022 13:13

Tgt Ion: 95 Resp: 228223
Ion Ratio Lower Upper
95 100
174 75.5 0.0 177.0
176 72.4 0.0 175.8

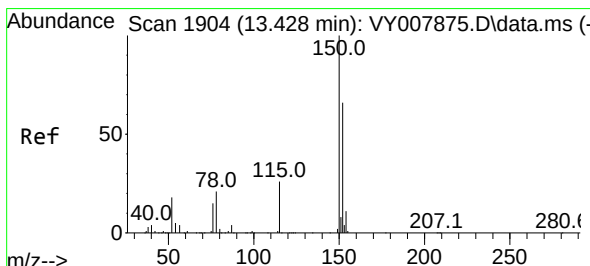
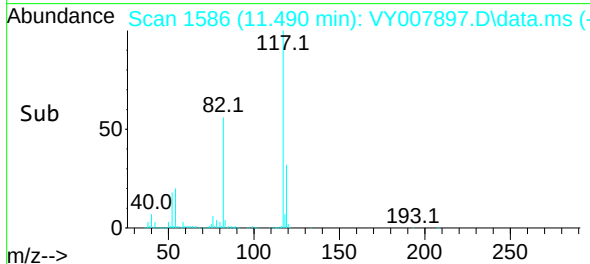
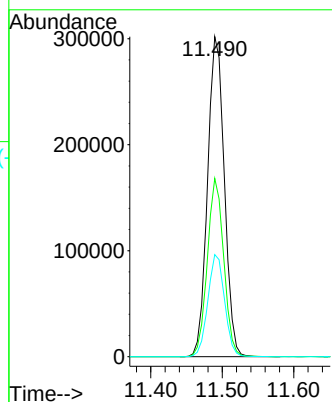
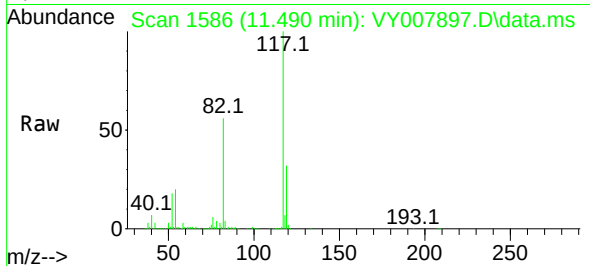




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007897.D
Acq: 18 Mar 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 492203
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 31.9 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: VY007897.D
Acq: 18 Mar 2022 13:13

Tgt Ion:152 Resp: 212235
Ion Ratio Lower Upper
152 100
115 60.7 28.2 84.7
150 158.9 0.0 347.6

