

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007896.D
 Acq On : 18 Mar 2022 12:50
 Operator : SY/MD
 Sample : N1917-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Mar 19 00:11:46 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	38276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	60238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	43323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15190	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	15670	35.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.820%
35) Dibromofluoromethane	7.715	113	16823	39.766	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.540%
50) Toluene-d8	10.178	98	67553	53.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.560%
62) 4-Bromofluorobenzene	12.483	95	18983	31.266	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.540%

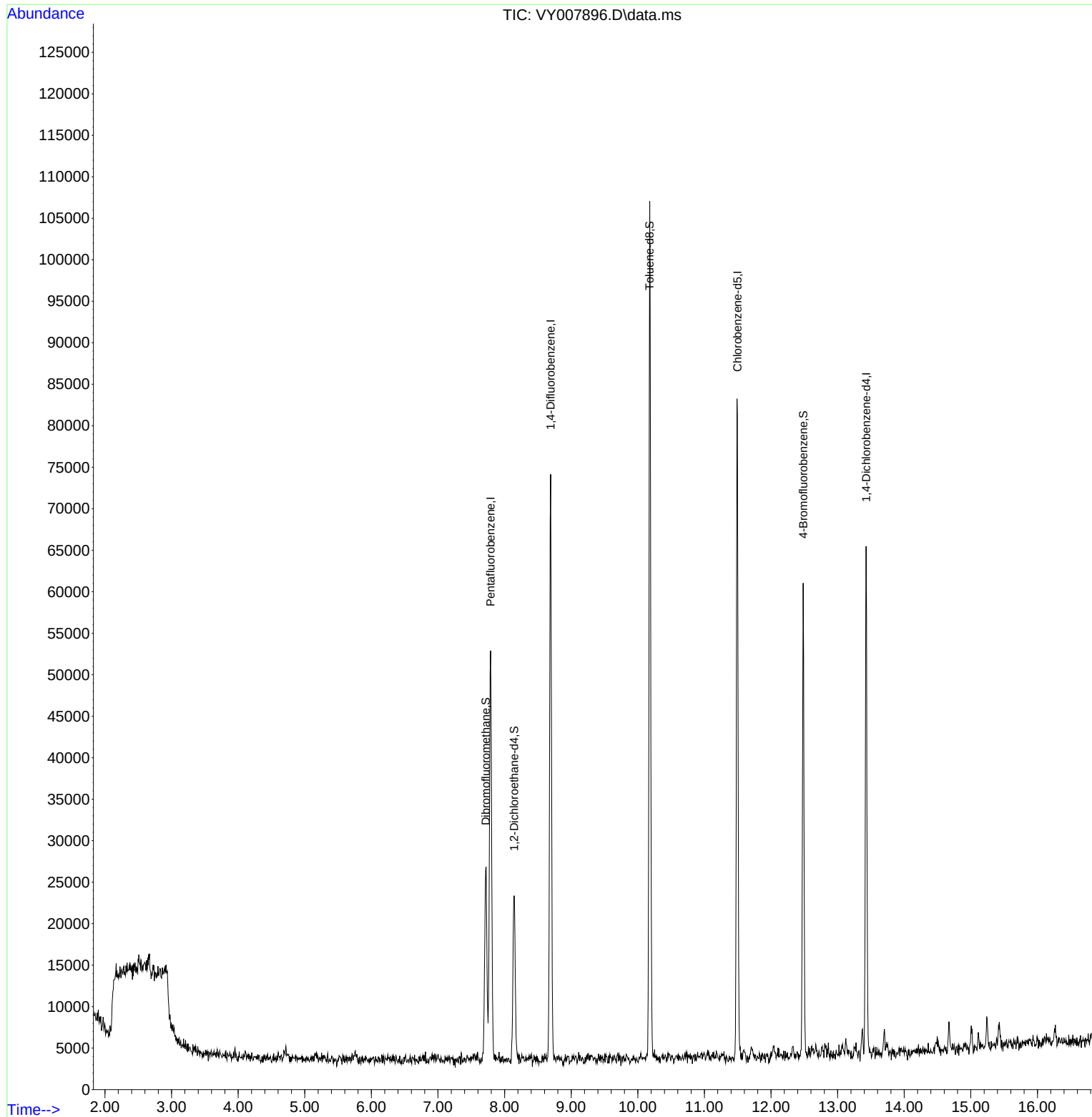
Target Compounds	Qvalue

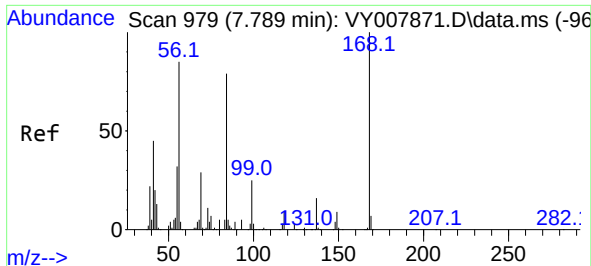
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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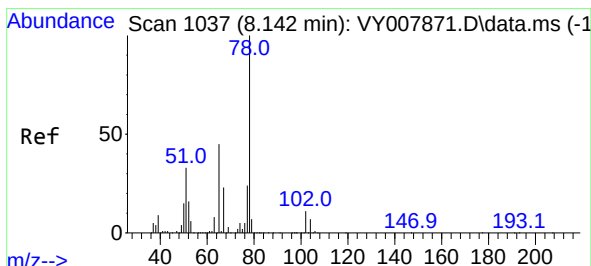
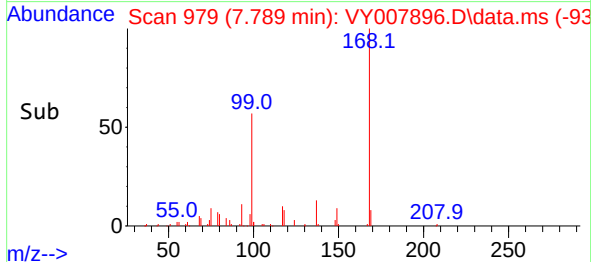
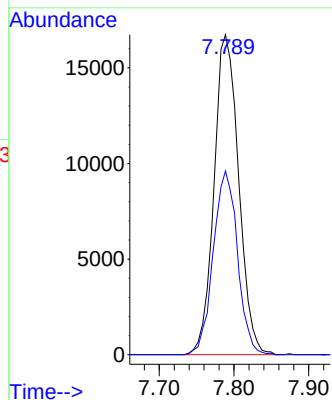
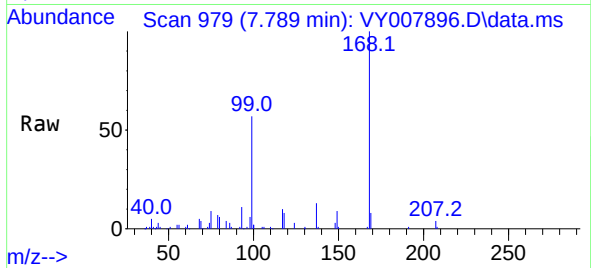




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

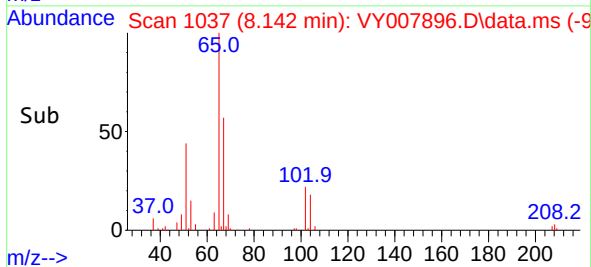
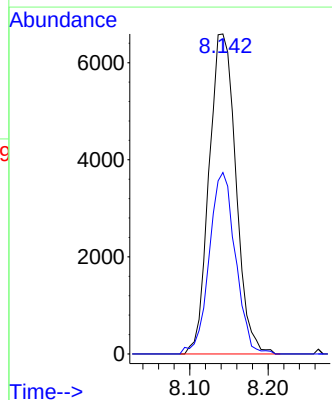
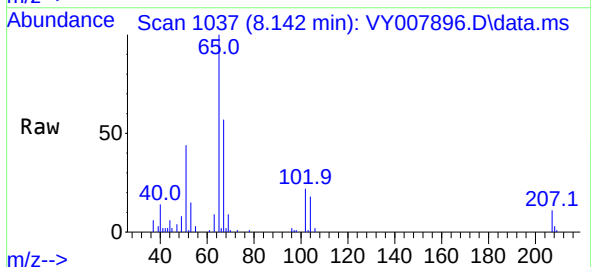
Instrument :
MSVOA_Y
ClientSampleId :
VOC

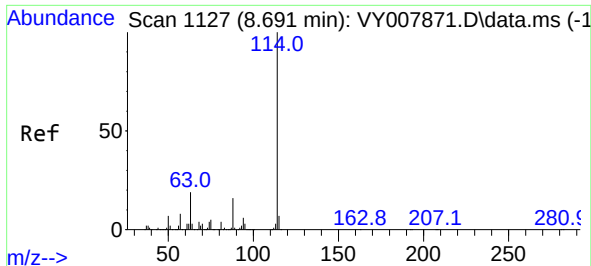
Tgt Ion:168 Resp: 38276
Ion Ratio Lower Upper
168 100
99 57.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 35.906 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion: 65 Resp: 15670
Ion Ratio Lower Upper
65 100
67 55.4 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: VY007896.D

Acq: 18 Mar 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

VOC

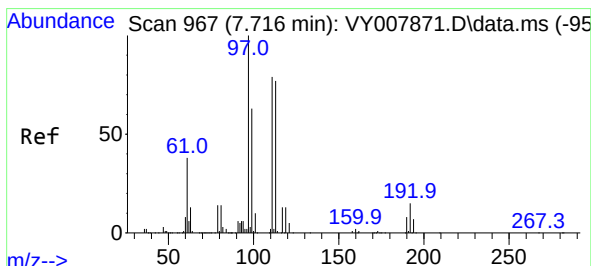
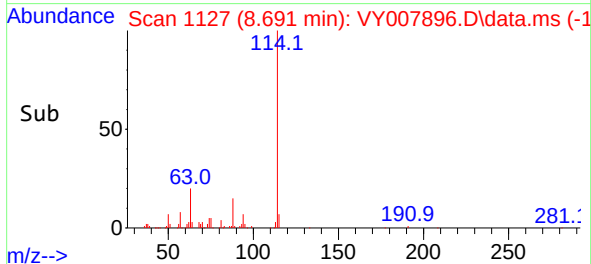
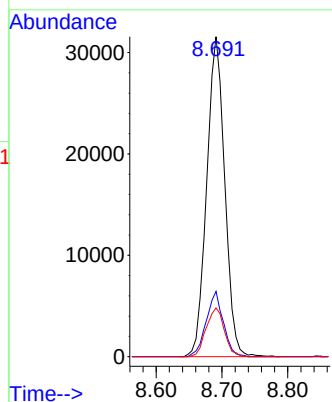
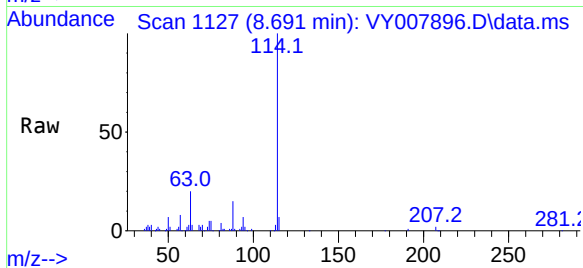
Tgt Ion:114 Resp: 60238

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.766 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007896.D

Acq: 18 Mar 2022 12:50

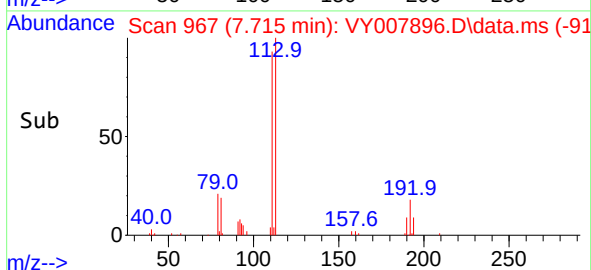
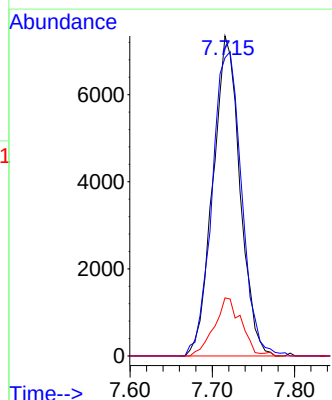
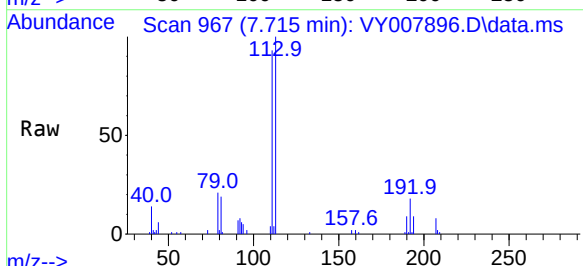
Tgt Ion:113 Resp: 16823

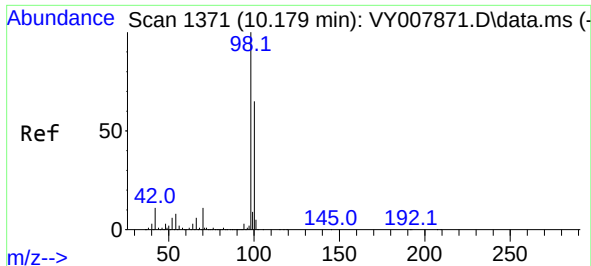
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 18.2 17.6 26.4

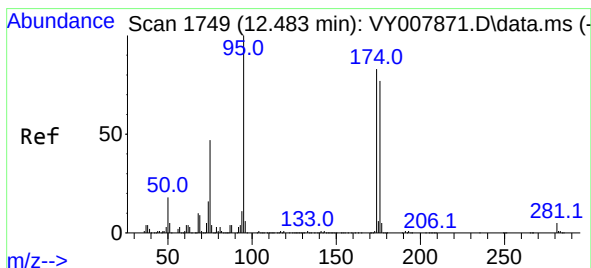
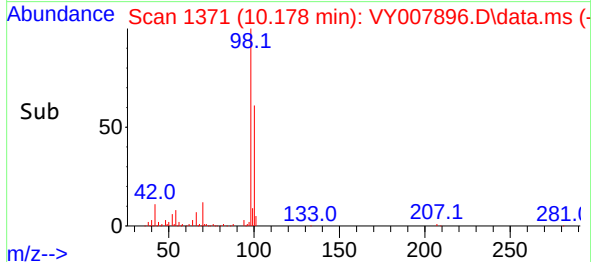
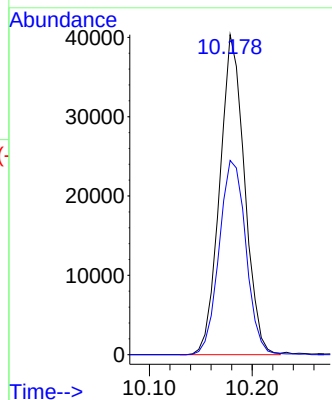
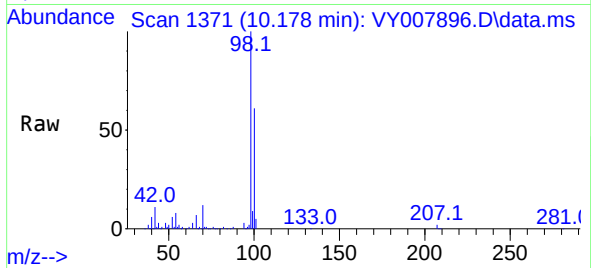




#50
Toluene-d8
Concen: 53.285 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

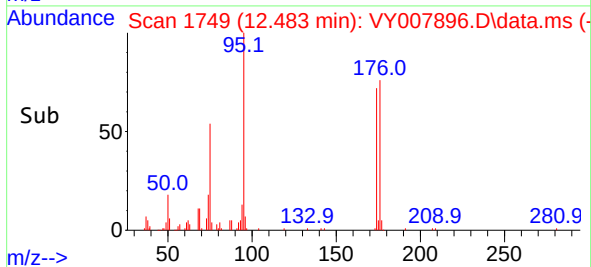
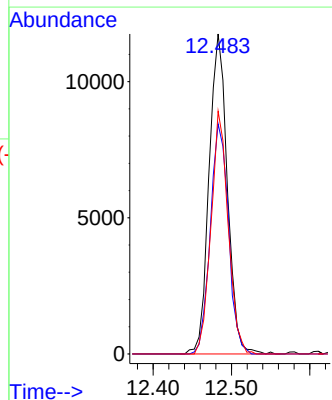
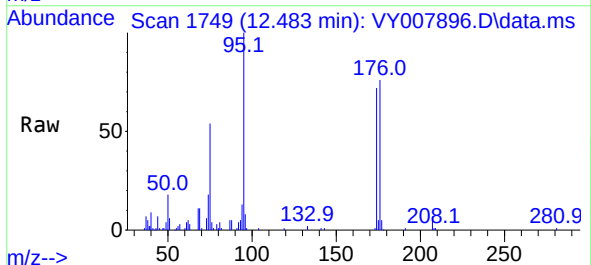
Instrument :
MSVOA_Y
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VOC

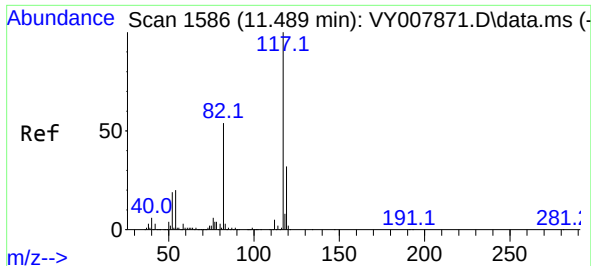
Tgt Ion: 98 Resp: 67553
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.266 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion: 95 Resp: 18983
Ion Ratio Lower Upper
95 100
174 71.5 0.0 177.0
176 71.3 0.0 175.8

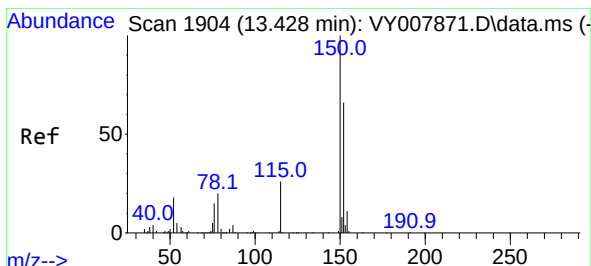
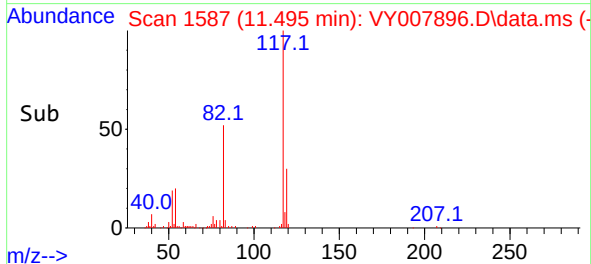
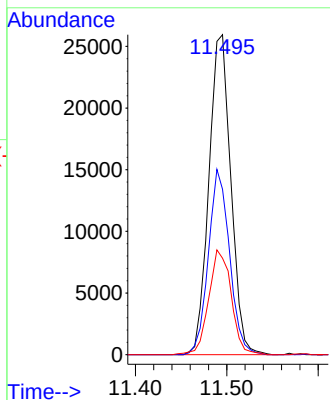
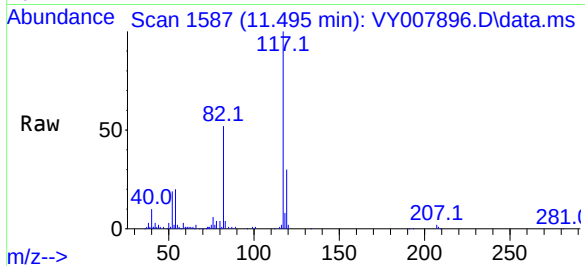




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007896.D
Acq: 18 Mar 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 43323
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 30.1 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: VY007896.D
Acq: 18 Mar 2022 12:50

Tgt Ion:152 Resp: 15190
Ion Ratio Lower Upper
152 100
115 60.1 28.2 84.7
150 158.4 0.0 347.6

