

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004834.D
 Acq On : 18 May 2021 18:10
 Operator : SY/MD
 Sample : M2432-02
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: May 19 01:06:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	104664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	147263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60122	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	54694	43.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.80%
35) Dibromofluoromethane	7.722	113	51194	54.05	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.10%
50) Toluene-d8	10.179	98	211139	49.34	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.68%
62) 4-Bromofluorobenzene	12.483	95	58880	40.77	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.54%

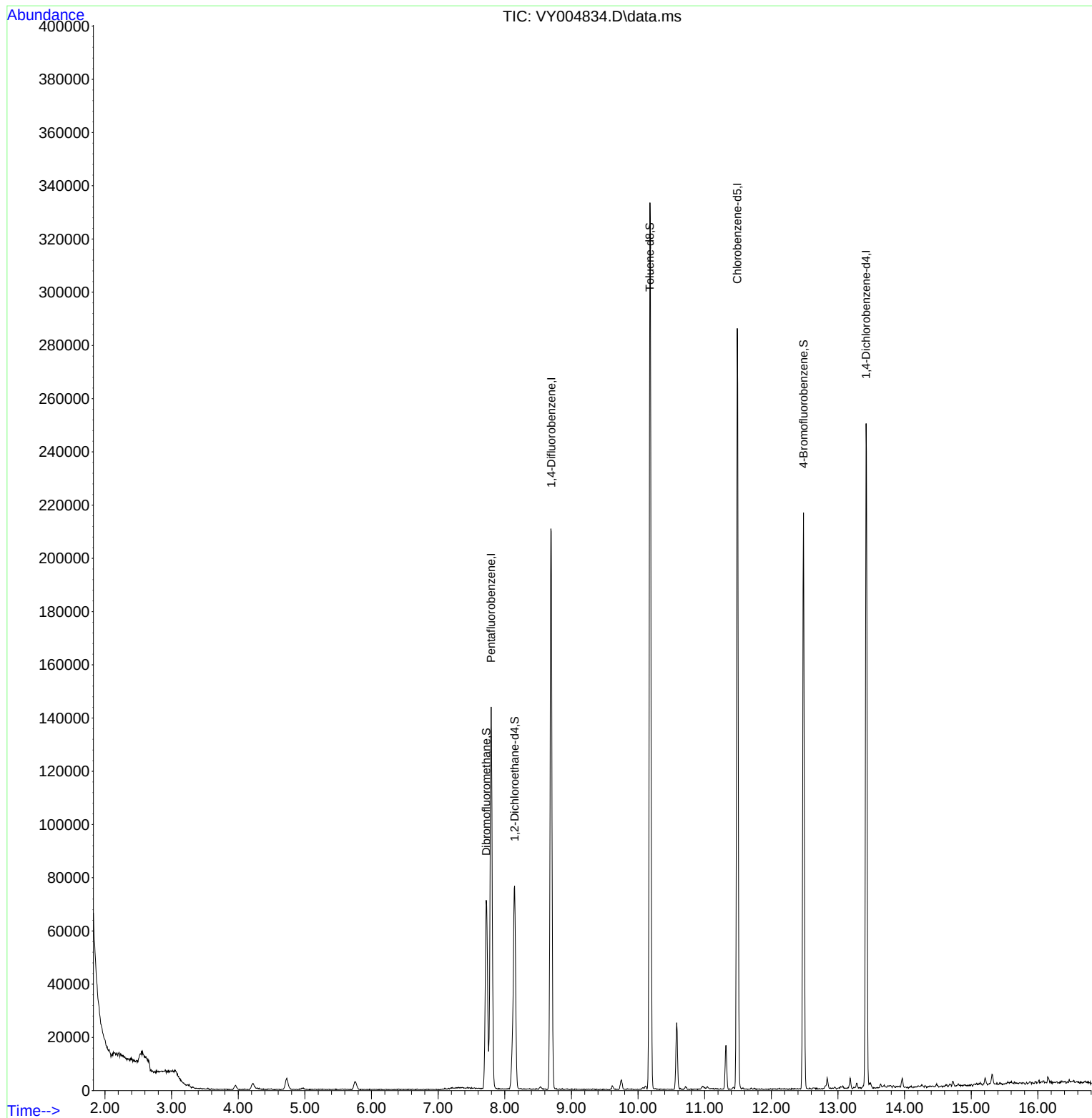
Target Compounds	Qvalue

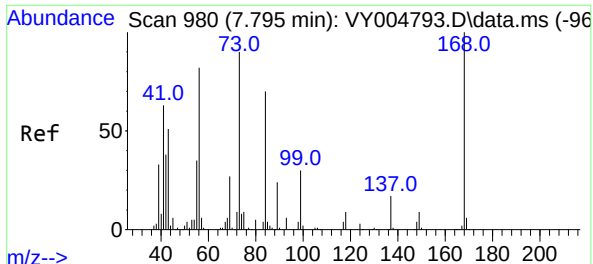
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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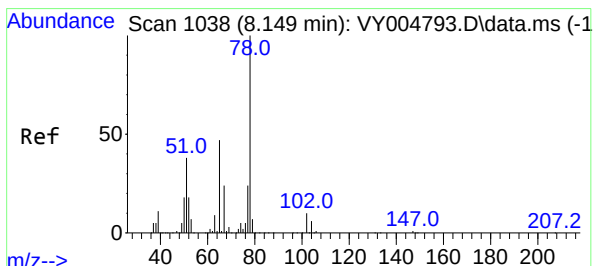
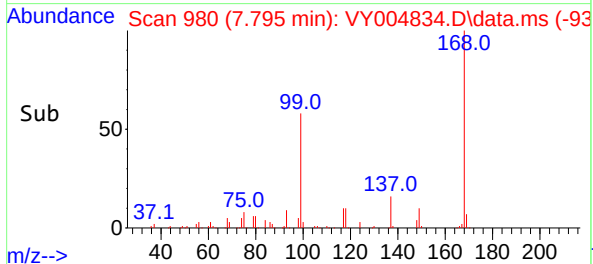
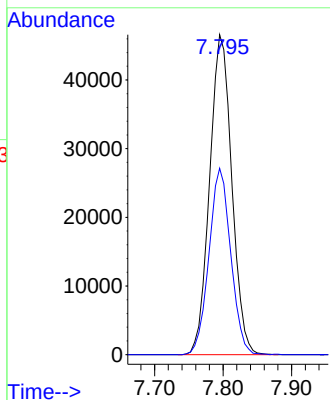
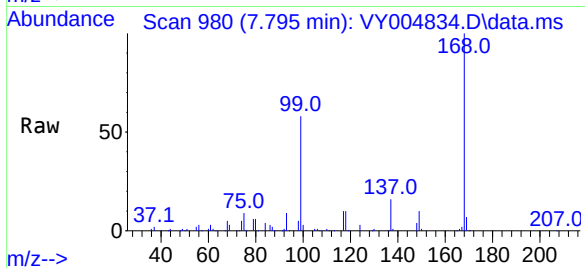




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

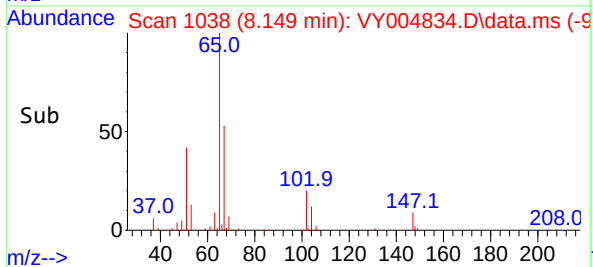
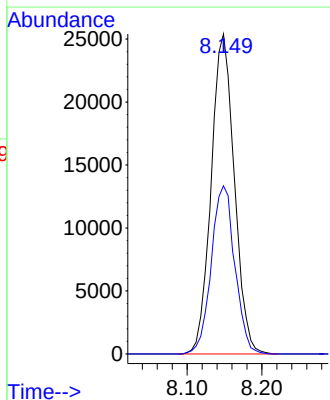
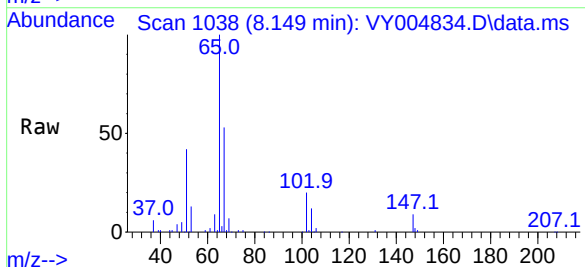
Instrument :
MSVOA_Y
ClientSampled :
VOC

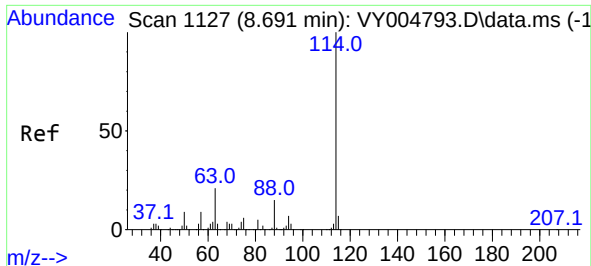
Tgt Ion:168 Resp: 104664
Ion Ratio Lower Upper
168 100
99 58.2 45.6 68.4



#33
1,2-Dichloroethane-d4
Concen: 43.90 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

Tgt Ion: 65 Resp: 54694
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.0



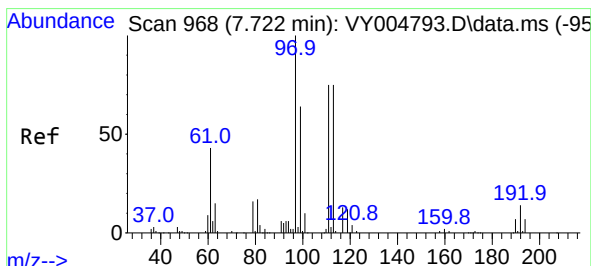
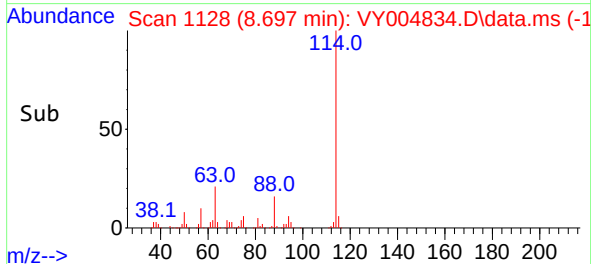
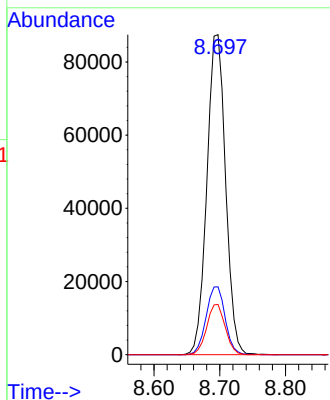
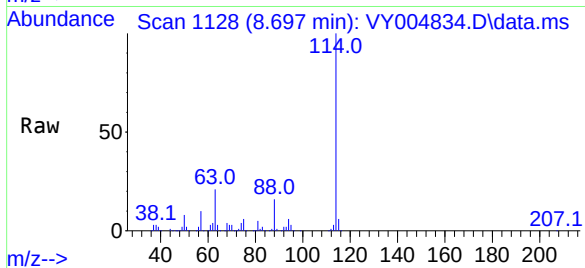


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

Instrument :
MSVOA_Y
ClientSampled :
VOC

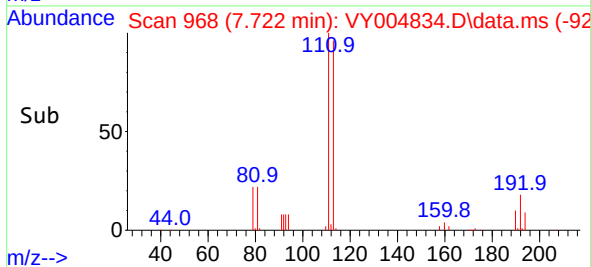
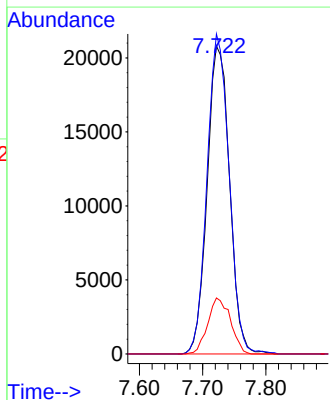
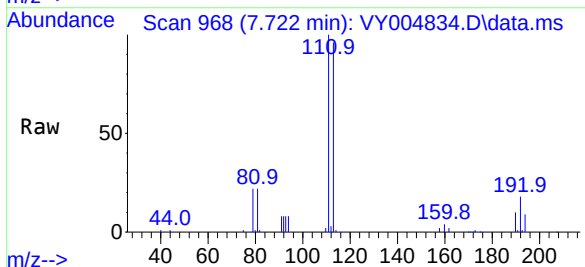
Tgt Ion:114 Resp: 173020
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.8
88 15.7 0.0 31.0

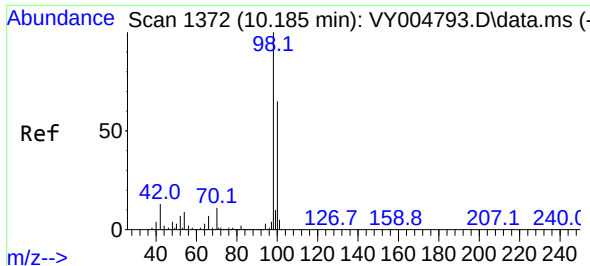


#35

Dibromofluoromethane
Concen: 54.05 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

Tgt Ion:113 Resp: 51194
Ion Ratio Lower Upper
113 100
111 102.4 80.5 120.7
192 18.5 15.0 22.6

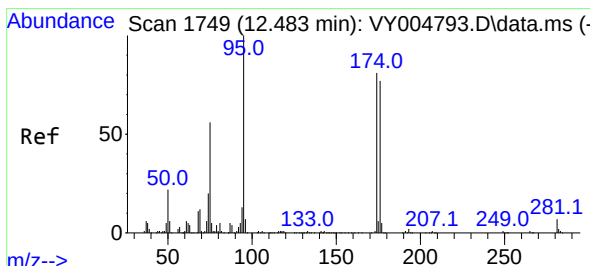
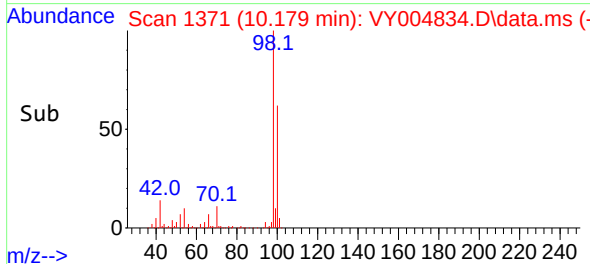
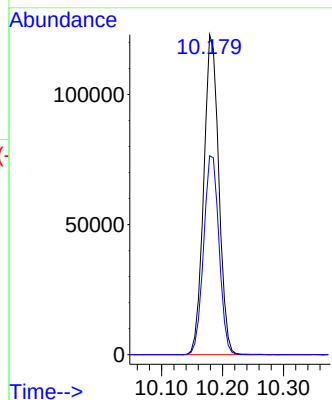
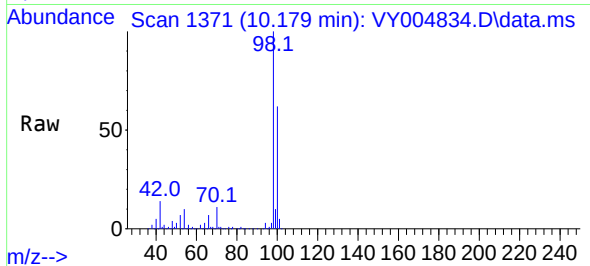




#50
Toluene-d8
Concen: 49.34 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

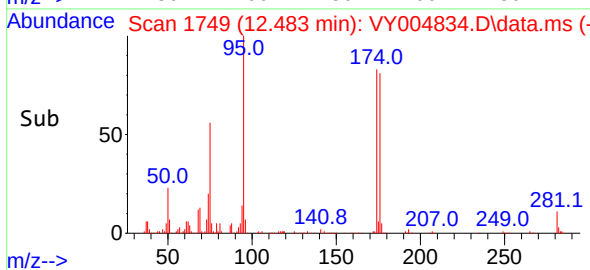
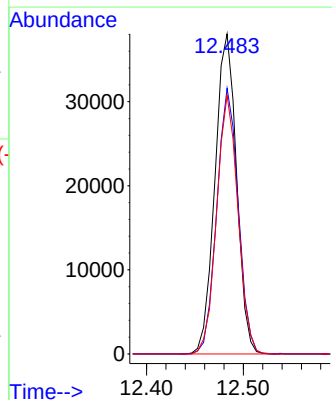
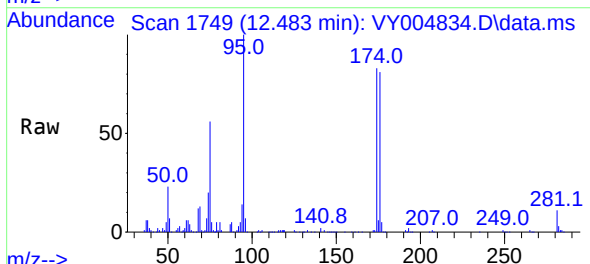
Instrument :
MSVOA_Y
ClientSampled :
VOC

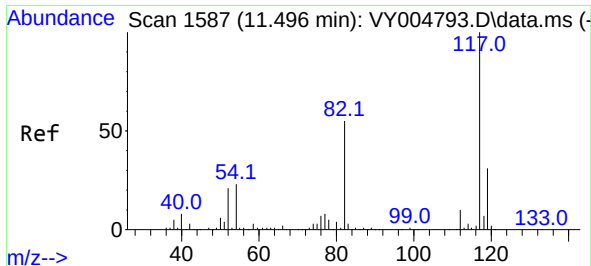
Tgt Ion: 98 Resp: 211139
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 40.77 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

Tgt Ion: 95 Resp: 58880
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.2
176 79.6 0.0 159.0

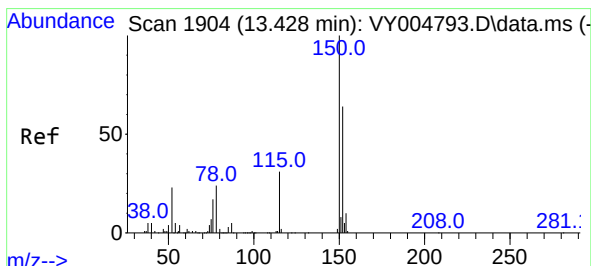
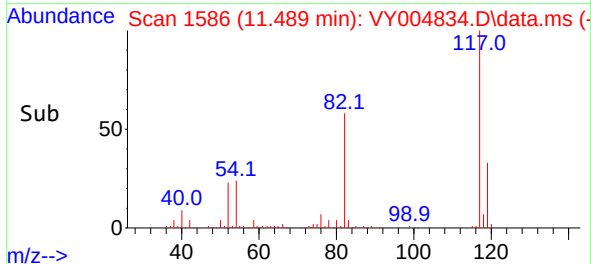
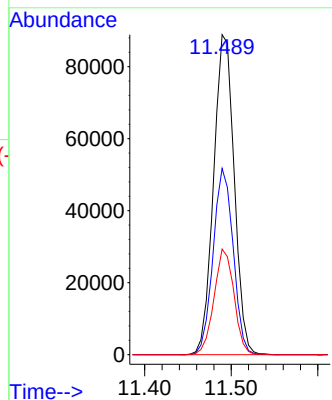
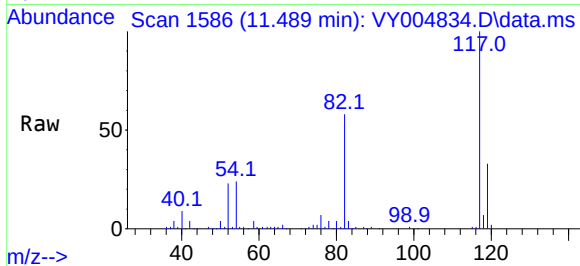




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

Instrument :
MSVOA_Y
ClientSampled :
VOC

Tgt Ion:117 Resp: 147263
Ion Ratio Lower Upper
117 100
82 58.2 45.4 68.2
119 33.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004834.D
Acq: 18 May 2021 18:10

Tgt Ion:152 Resp: 60122
Ion Ratio Lower Upper
152 100
115 60.1 29.4 88.3
150 159.5 0.0 349.8

