

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050321\
 Data File : VY004698.D
 Acq On : 03 May 2021 17:41
 Operator : SY/MD
 Sample : M2256-14
 Misc : 7.32G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R2-A-BOTTOM

Quant Time: May 04 01:15:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	147691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	254662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	240146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97847	59.63	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.26%	
35) Dibromofluoromethane	7.722	113	72144	51.05	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.10%	
50) Toluene-d8	10.179	98	314336	52.29	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.58%	
62) 4-Bromofluorobenzene	12.483	95	111478	54.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.30%	

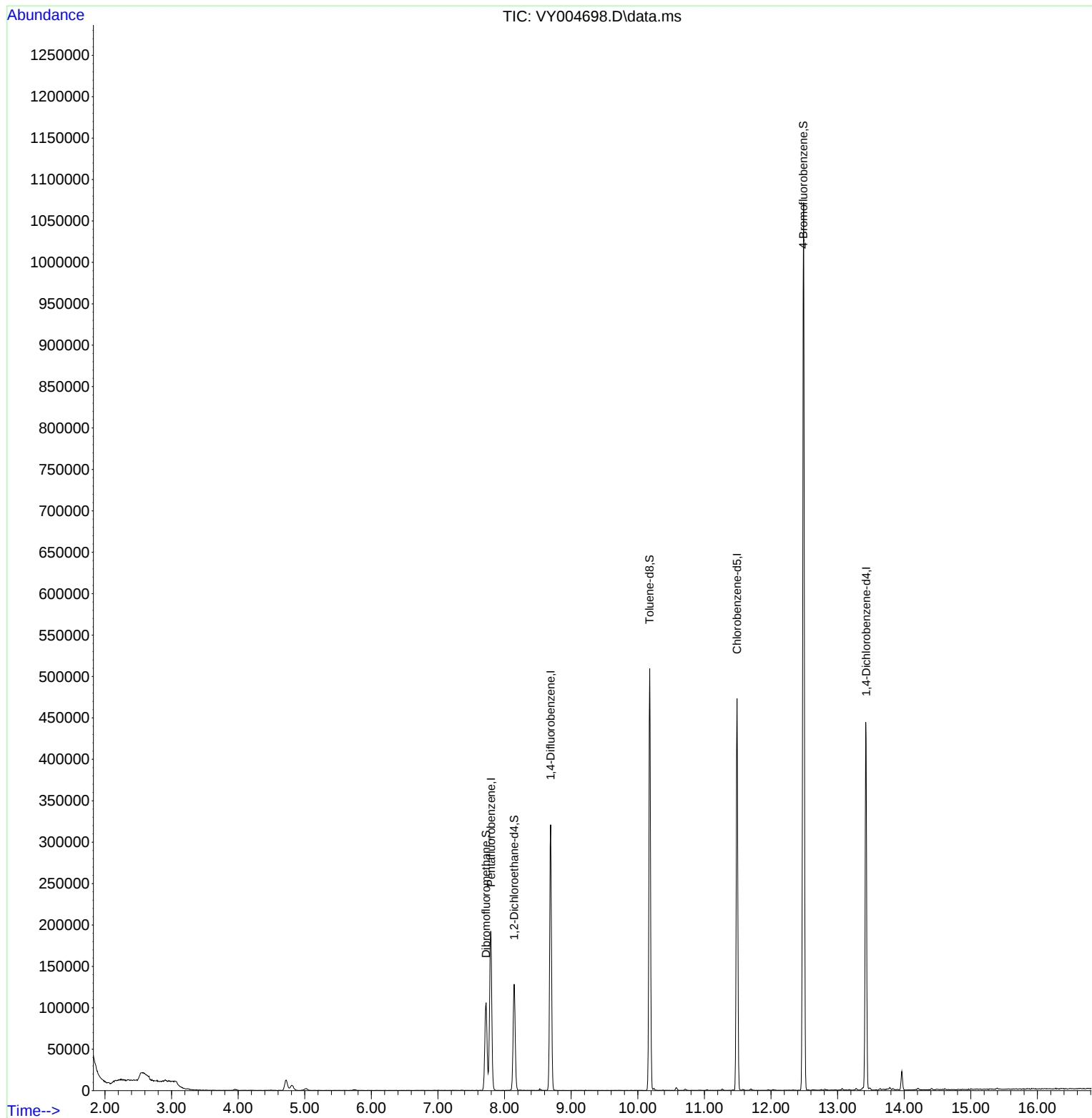
Target Compounds	Qvalue

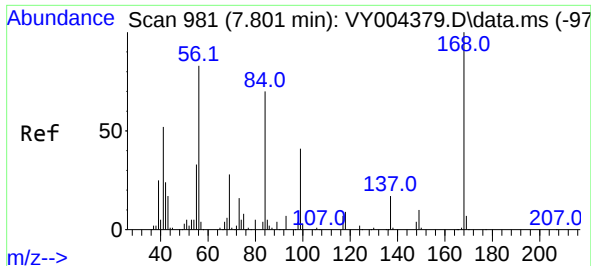
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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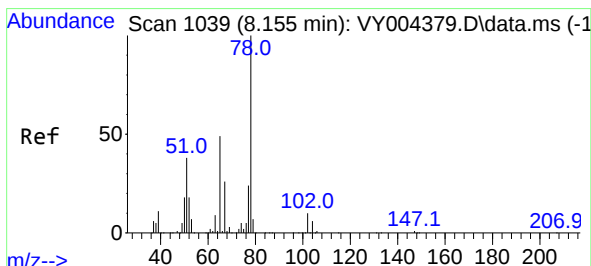
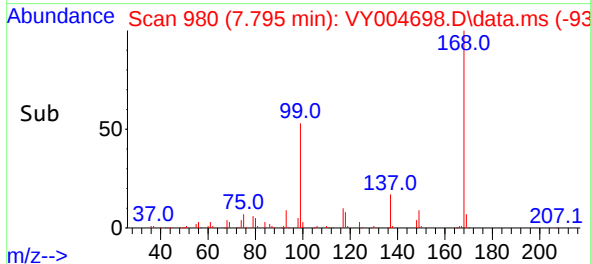
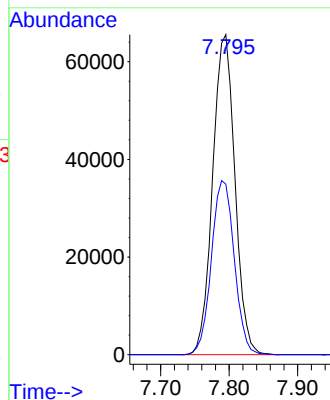
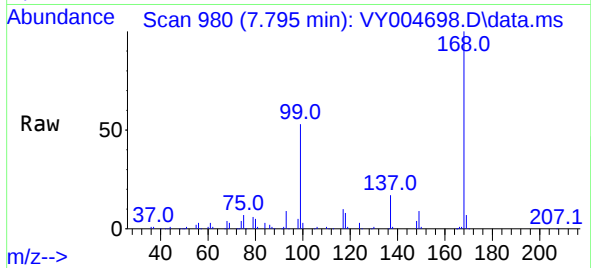




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

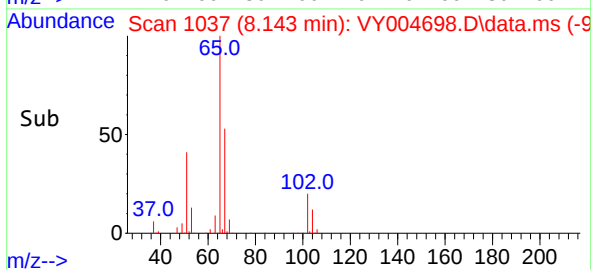
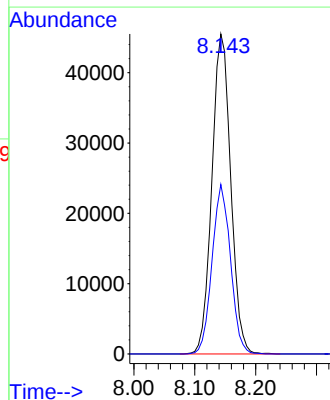
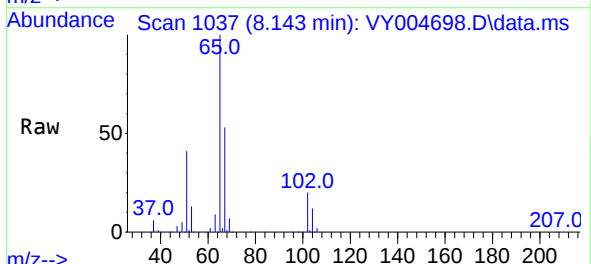
Instrument :
MSVOA_Y
ClientSampleId :
R2-A-BOTTOM

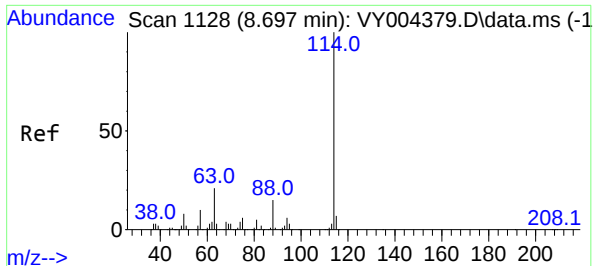
Tgt Ion:168 Resp: 147691
Ion Ratio Lower Upper
168 100
99 53.3 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 59.63 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

Tgt Ion: 65 Resp: 97847
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY004698.D

Acq: 03 May 2021 17:41

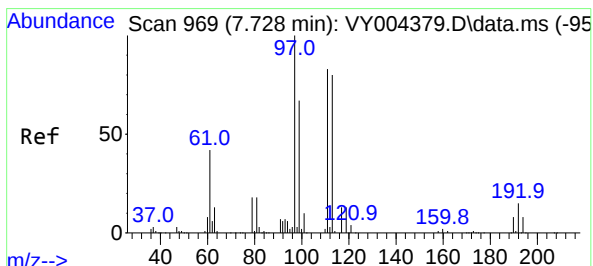
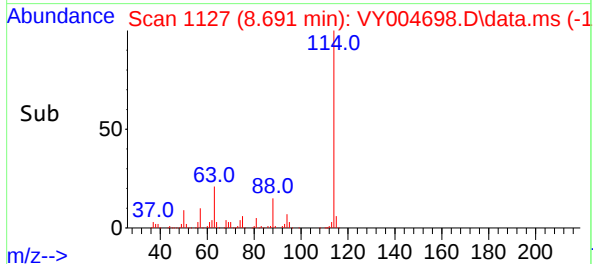
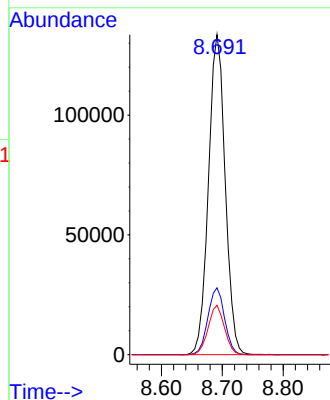
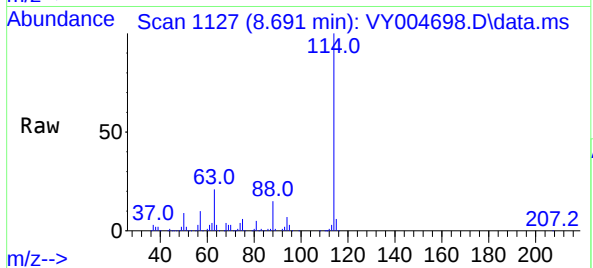
Tgt Ion:114 Resp: 254662

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 15.5 0.0 30.8



#35

Dibromofluoromethane

Concen: 51.05 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY004698.D

Acq: 03 May 2021 17:41

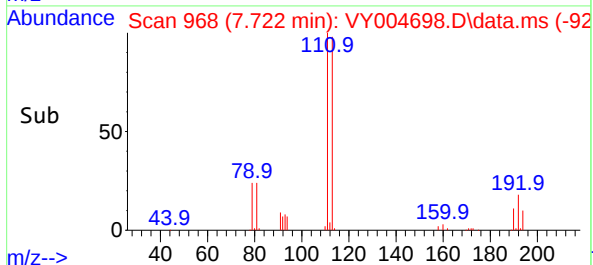
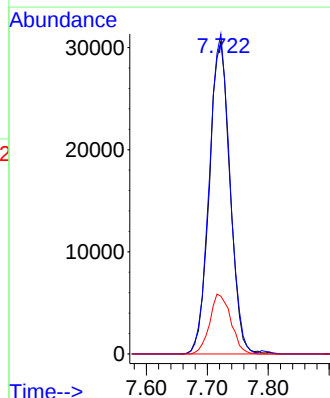
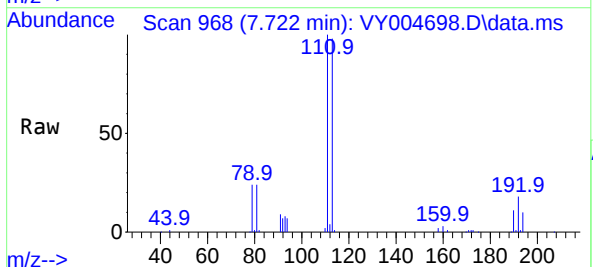
Tgt Ion:113 Resp: 72144

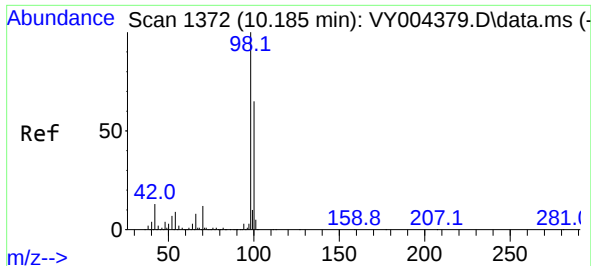
Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 19.6 16.1 24.1

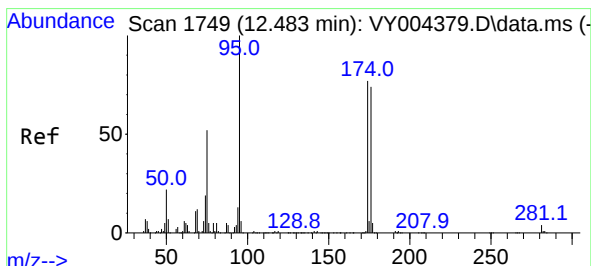
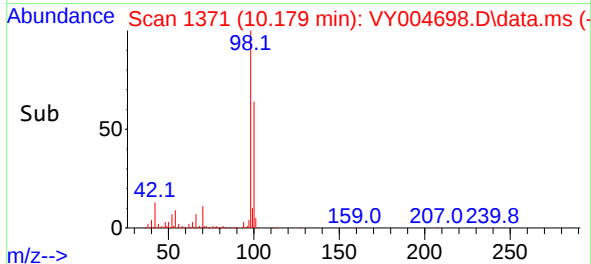
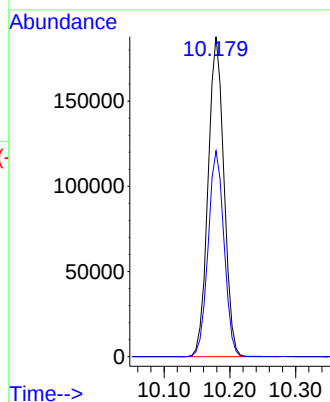
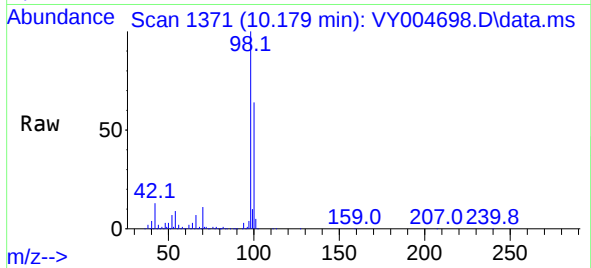




#50
Toluene-d8
Concen: 52.29 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

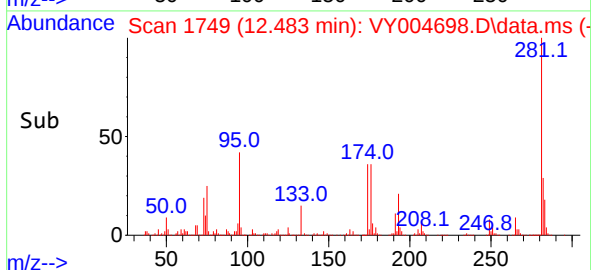
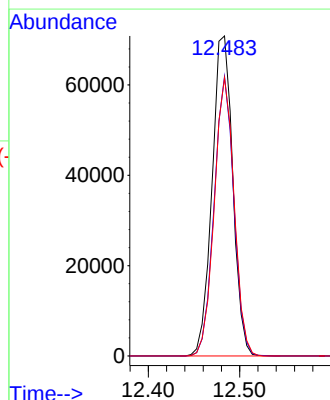
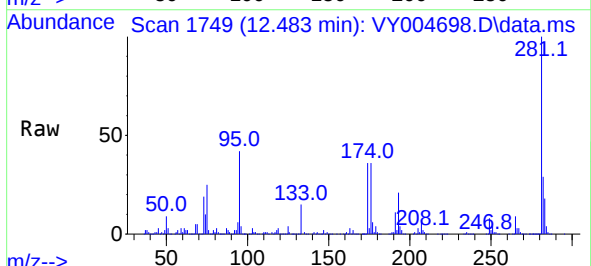
Instrument :
MSVOA_Y
ClientSampleId :
R2-A-BOTTOM

Tgt Ion: 98 Resp: 314336
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

Tgt Ion: 95 Resp: 111478
Ion Ratio Lower Upper
95 100
174 83.2 0.0 162.4
176 83.5 0.0 156.0

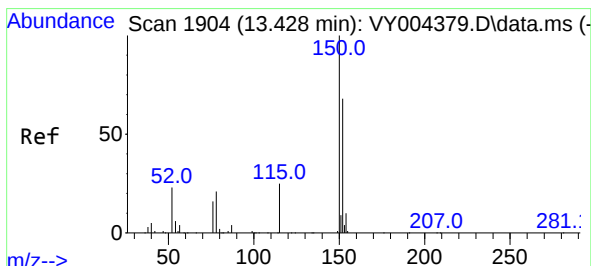
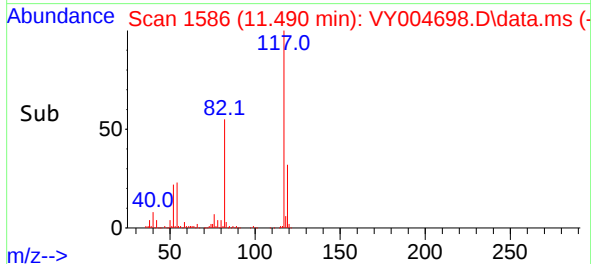
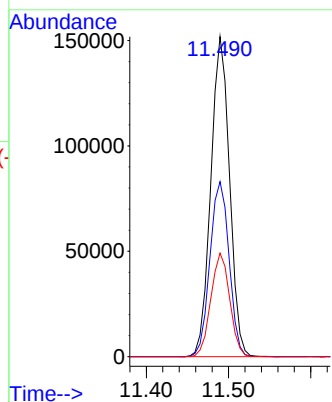
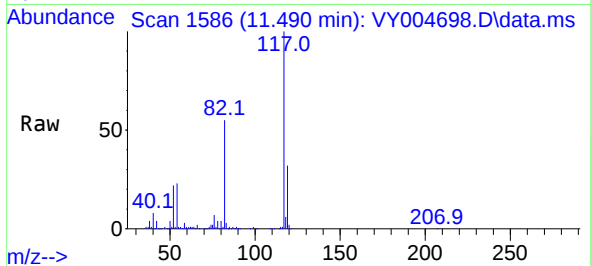




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

Instrument :
MSVOA_Y
ClientSampleId :
R2-A-BOTTOM

Tgt Ion:	117	Resp:	240146
Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.9	67.3
119	32.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

Tgt Ion:	152	Resp:	109013
Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.6	88.8
150	154.9	0.0	348.4

