

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004606.D
 Acq On : 23 Apr 2021 15:35
 Operator : SY/MD
 Sample : M2163-02
 Misc : 5.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-059-RW8-IDWSO-202104-2

Quant Time: Apr 26 10:19:25 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	7.801	168	134560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	238552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	224907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	91260	61.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.08%	
35) Dibromofluoromethane	7.728	113	72455	54.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.46%	
50) Toluene-d8	10.185	98	294369	52.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.56%	
62) 4-Bromofluorobenzene	12.483	95	101009	52.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.72%	

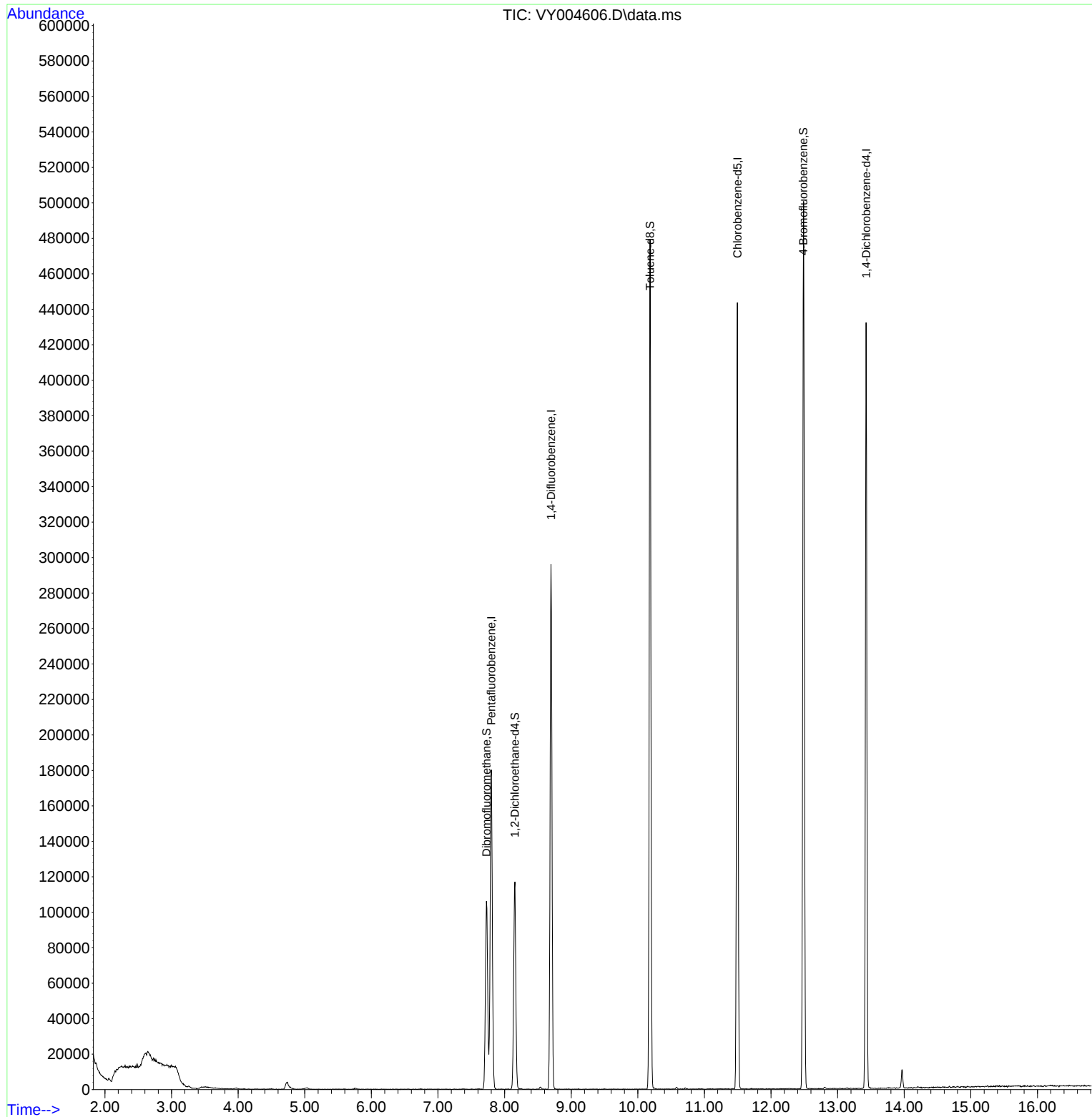
Target Compounds	Qvalue

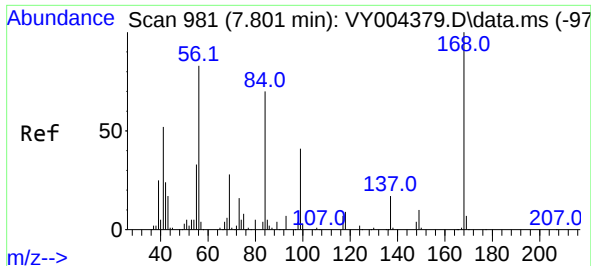
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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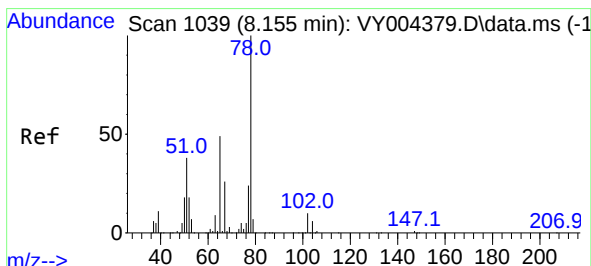
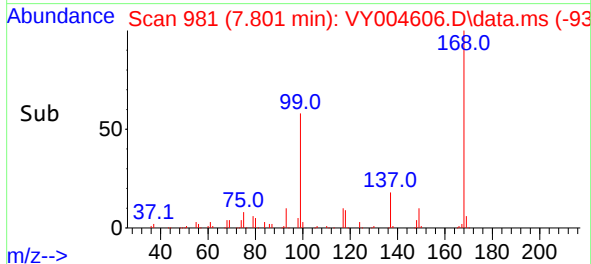
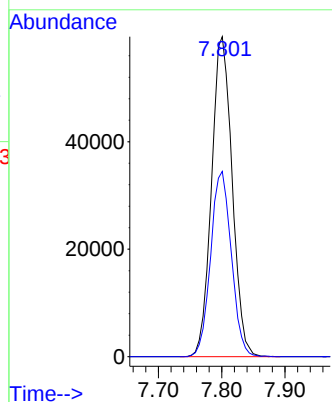
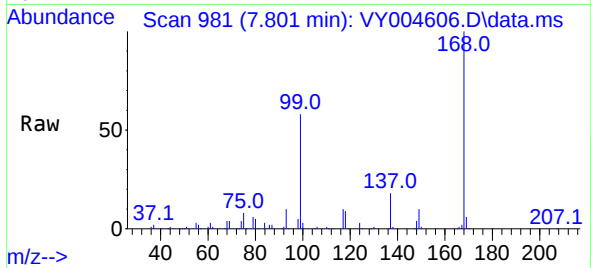




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

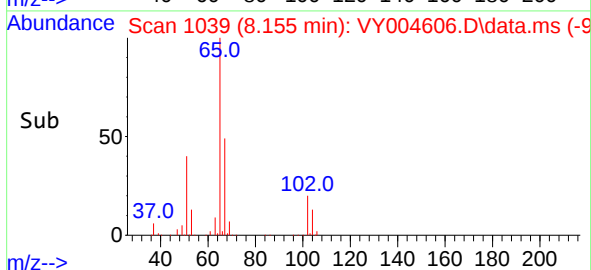
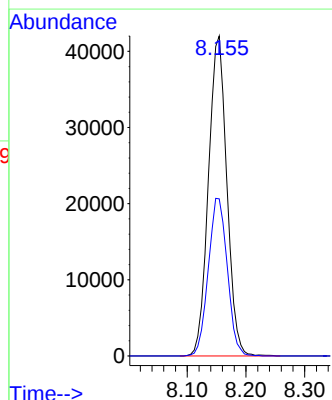
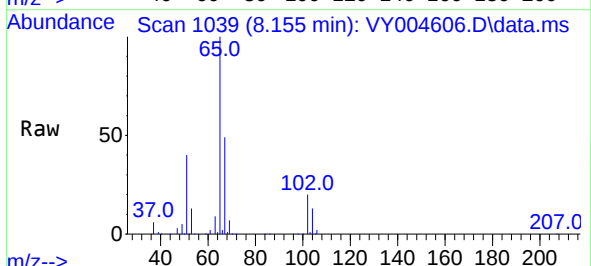
Instrument :
MSVOA_Y
ClientSampleId :
TT-059-RW8-IDWSO-202104-2

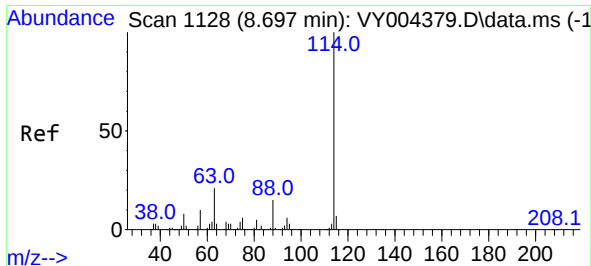
Tgt Ion:168 Resp: 134560
Ion Ratio Lower Upper
168 100
99 57.9 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 61.04 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

Tgt Ion: 65 Resp: 91260
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004606.D

Acq: 23 Apr 2021 15:35

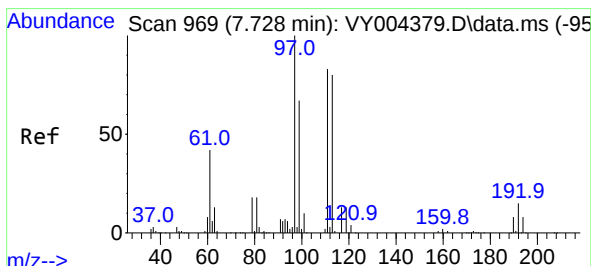
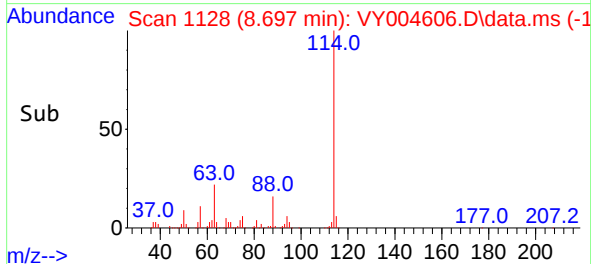
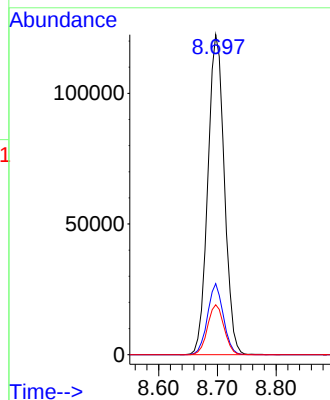
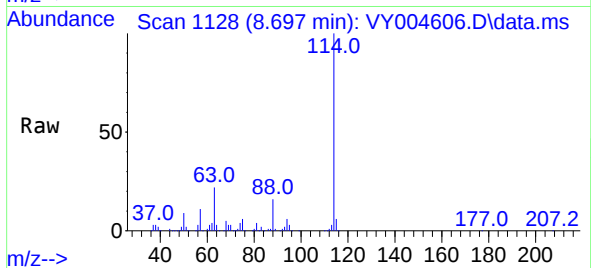
Tgt Ion:114 Resp: 238552

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.4

88 15.6 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.73 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004606.D

Acq: 23 Apr 2021 15:35

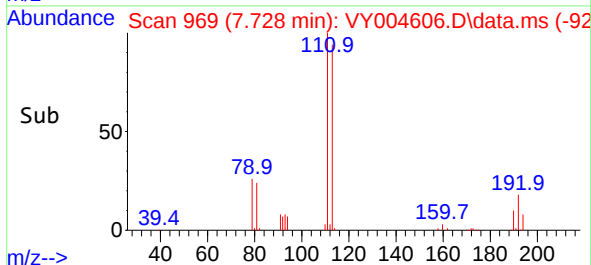
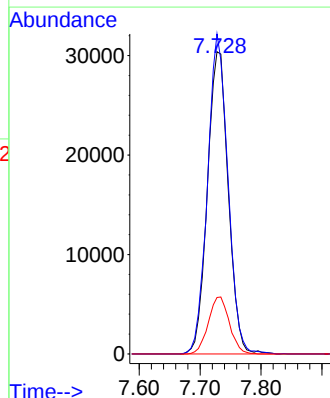
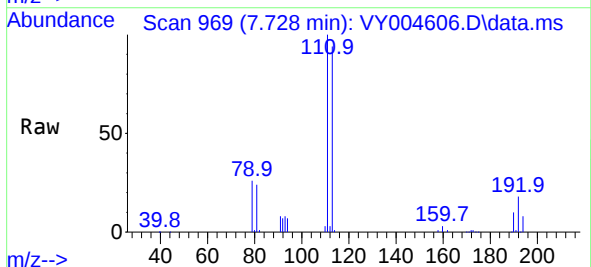
Tgt Ion:113 Resp: 72455

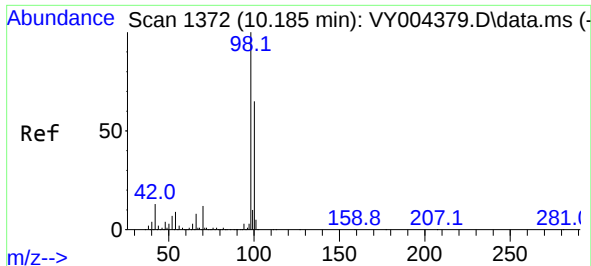
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 19.0 16.1 24.1

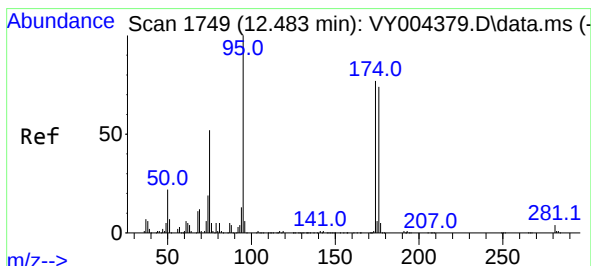
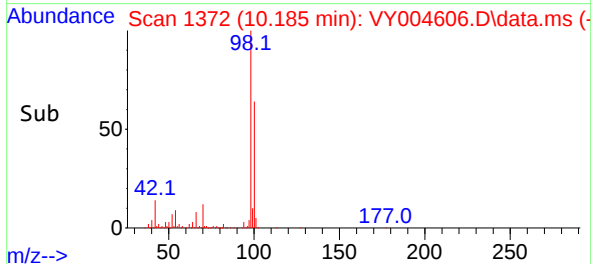
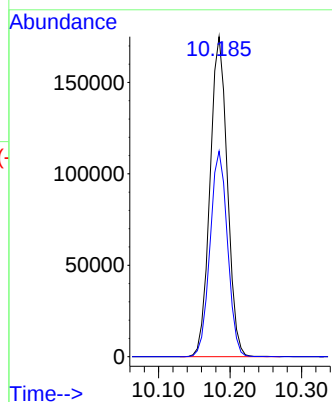
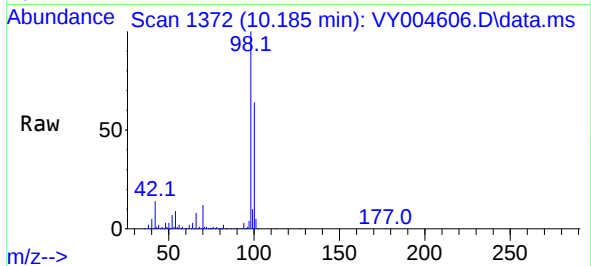




#50
Toluene-d8
Concen: 52.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

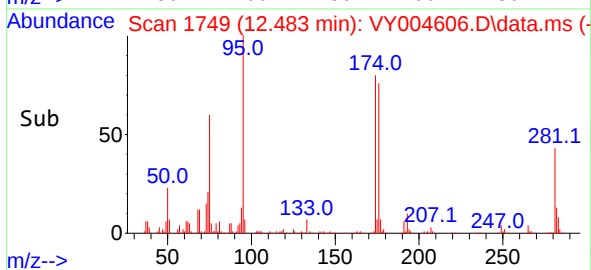
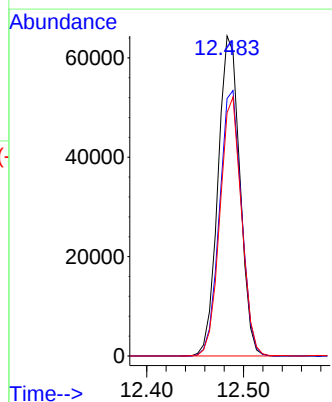
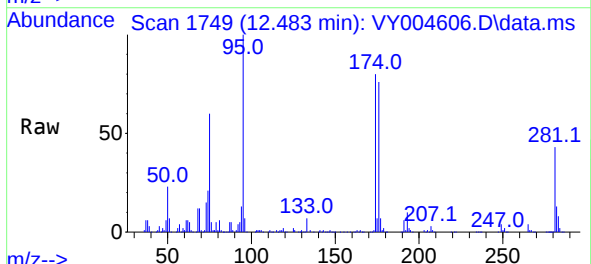
Instrument :
MSVOA_Y
ClientSampleId :
TT-059-RW8-IDWSO-202104-2

Tgt Ion: 98 Resp: 294369
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.86 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

Tgt Ion: 95 Resp: 101009
Ion Ratio Lower Upper
95 100
174 83.2 0.0 162.4
176 79.8 0.0 156.0



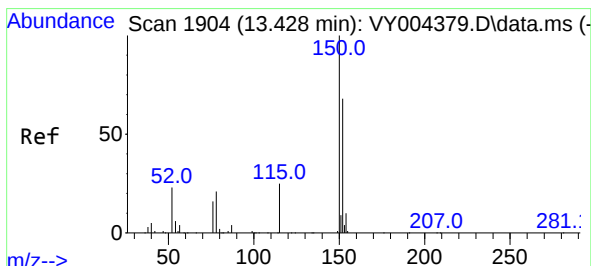
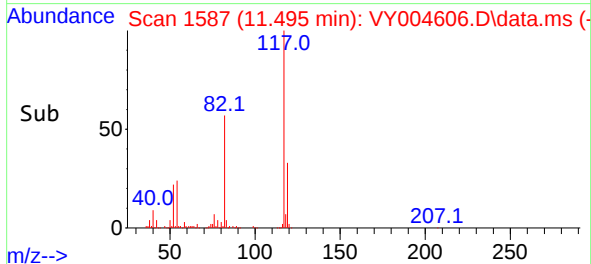
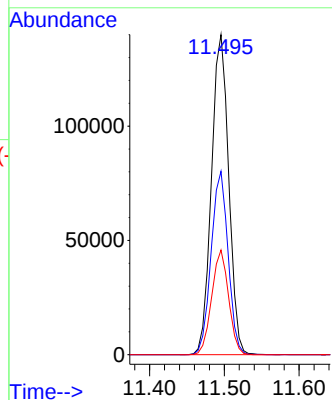
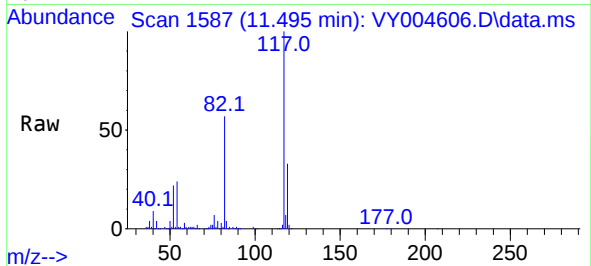


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TT-059-RW8-IDWSO-202104-2

Tgt Ion:117 Resp: 224907

Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.9	67.3
119	32.7	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: VY004606.D
Acq: 23 Apr 2021 15:35

Tgt Ion:152 Resp: 101188

Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.6	88.8
150	156.3	0.0	348.4

