

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004346.D
 Acq On : 08 Apr 2021 19:25
 Operator : SY/MD
 Sample : M1979-11
 Misc : 5.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-11

Quant Time: Apr 09 03:19:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	182713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	315380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	290198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	109728	62.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.94%
35) Dibromofluoromethane	7.728	113	94984	54.05	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.10%
50) Toluene-d8	10.185	98	384107	58.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.24%
62) 4-Bromofluorobenzene	12.483	95	129485	57.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.32%

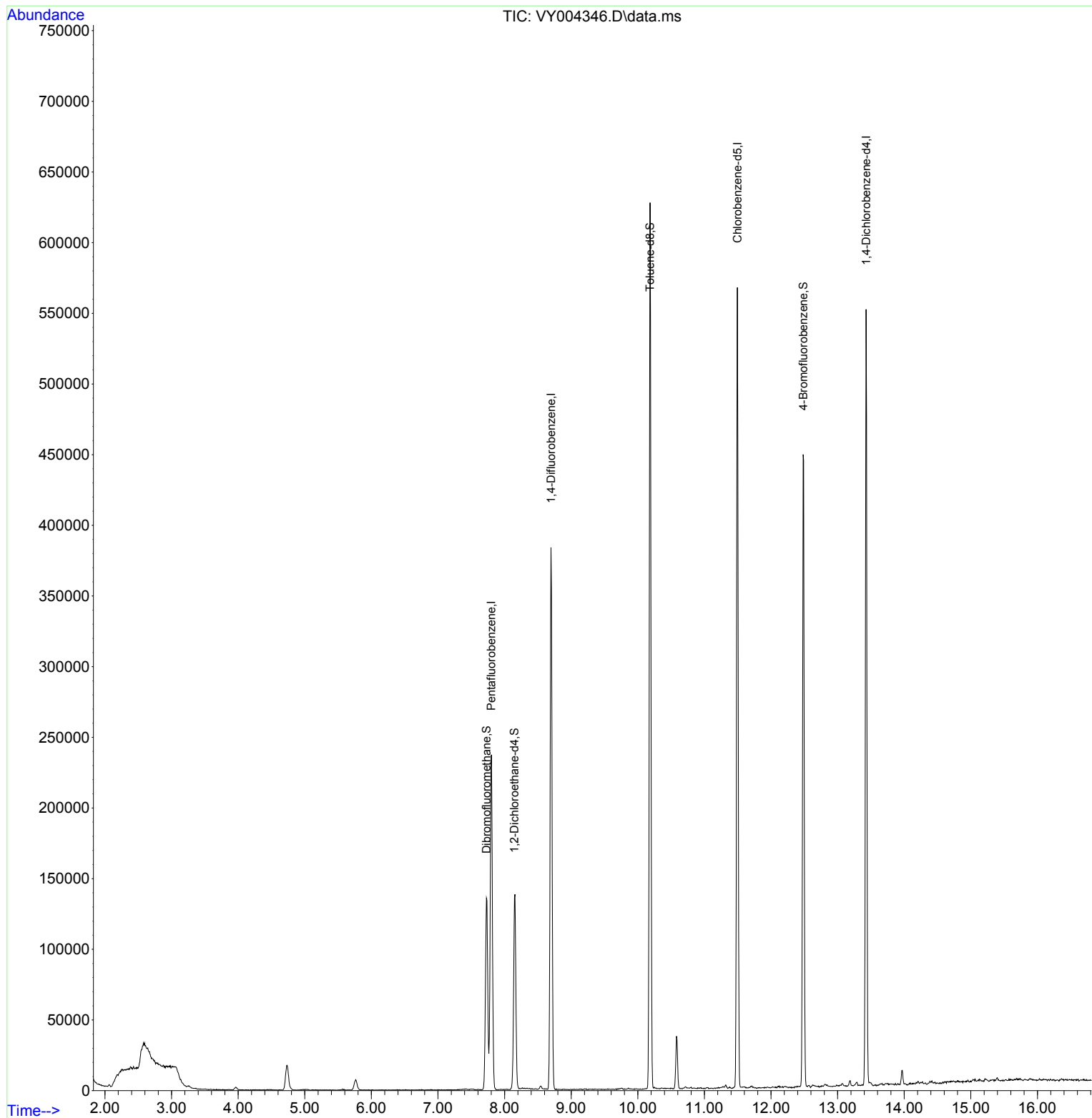
Target Compounds	Qvalue

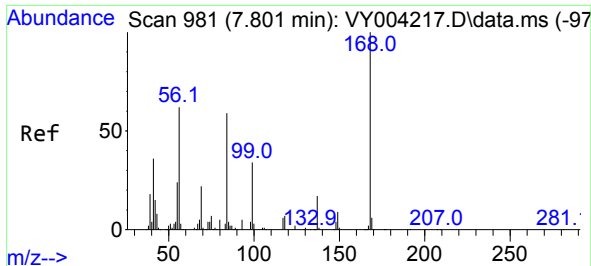
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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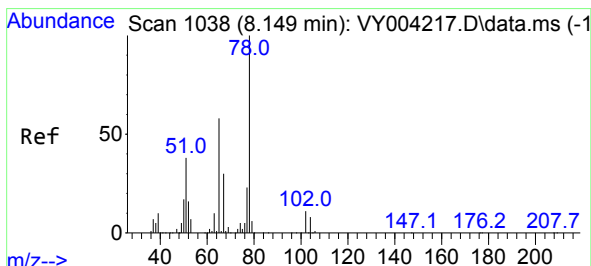
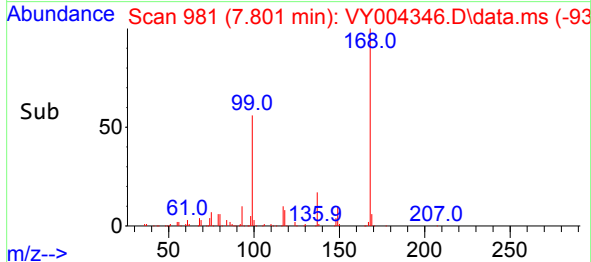
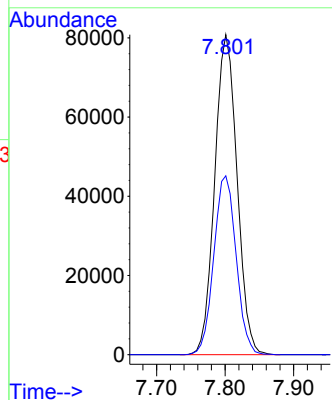
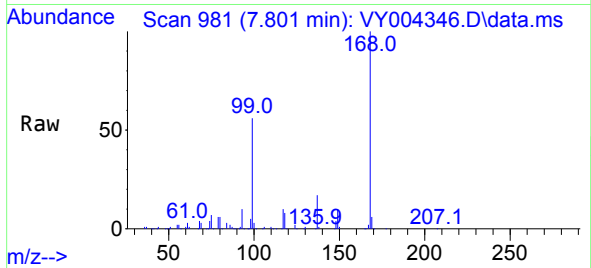




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

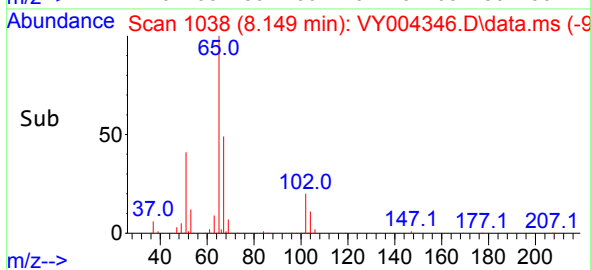
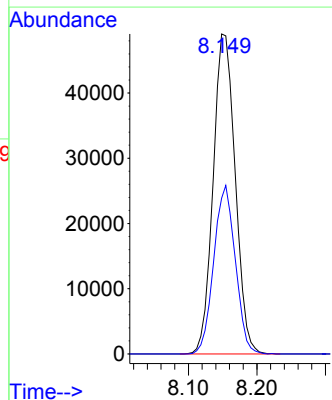
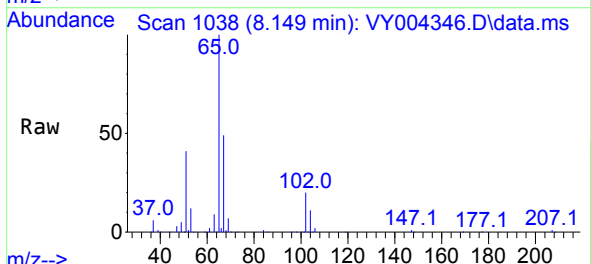
Instrument :
MSVOA_Y
ClientSampled :
S-11

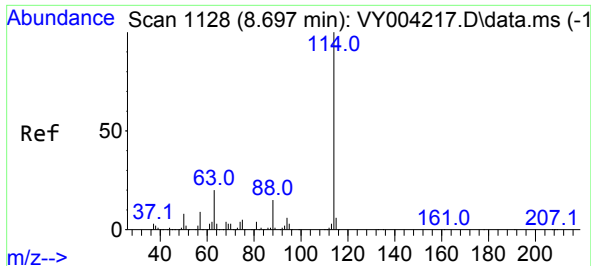
Tgt Ion:168 Resp: 182713
Ion Ratio Lower Upper
168 100
99 55.9 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 62.47 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

Tgt Ion: 65 Resp: 109728
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.2

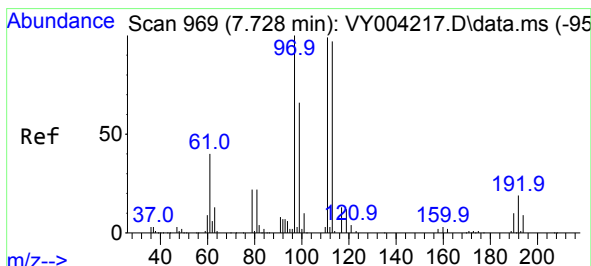
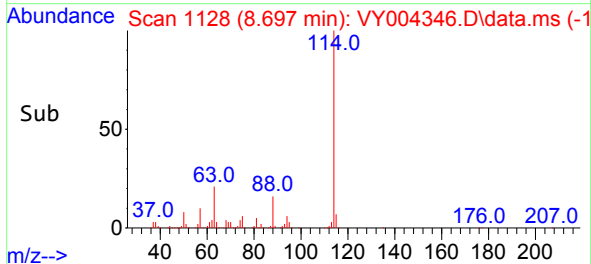
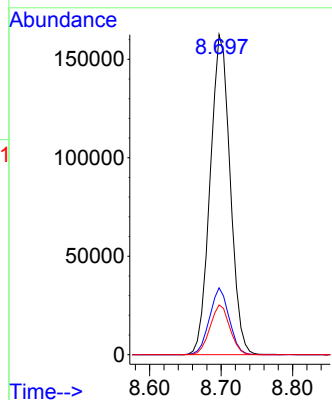
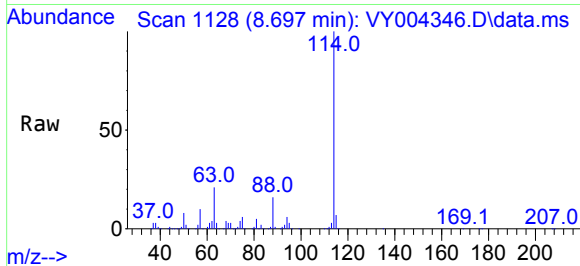




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

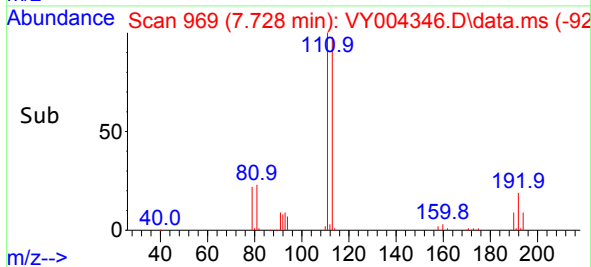
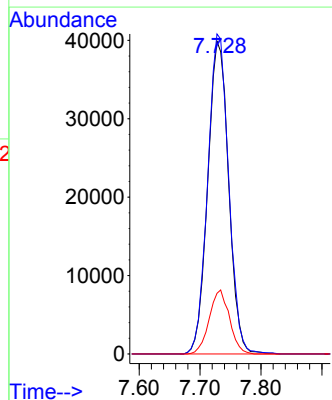
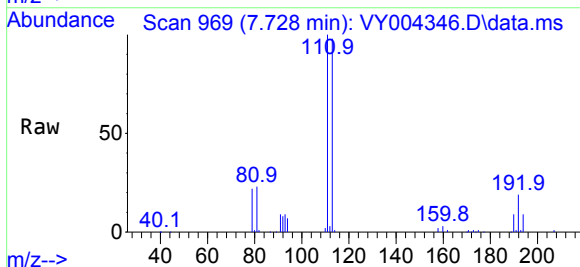
Instrument :
MSVOA_Y
ClientSampled :
S-11

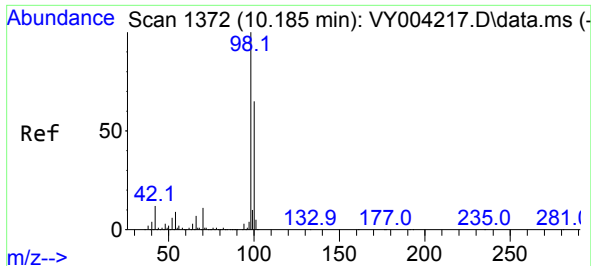
Tgt Ion:114 Resp: 315380
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.05 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

Tgt Ion:113 Resp: 94984
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.8 16.4 24.6

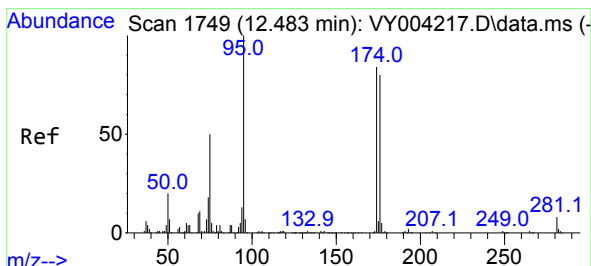
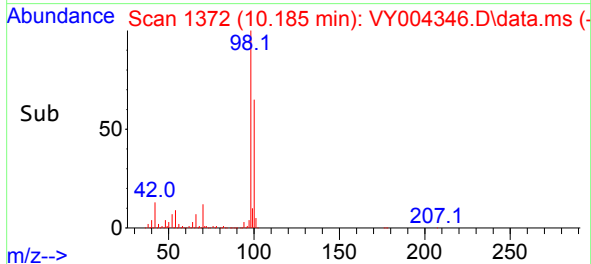
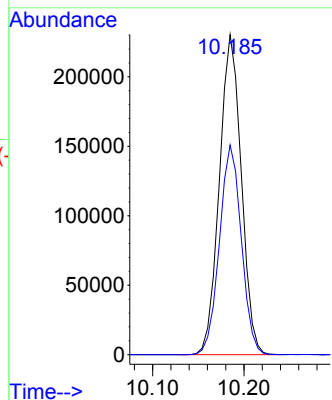
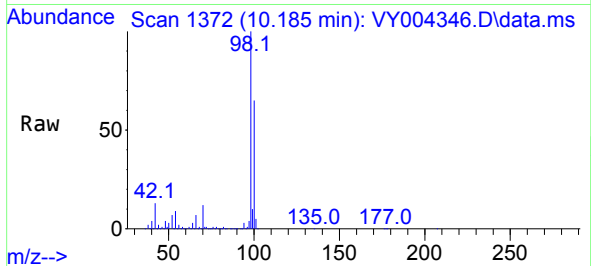




#50
Toluene-d8
Concen: 58.12 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

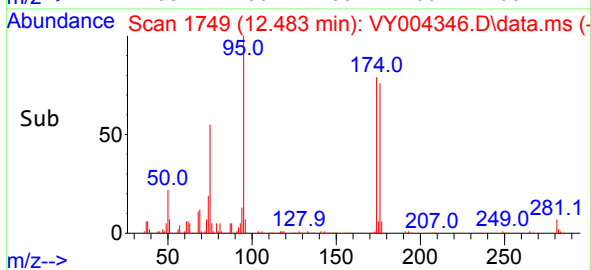
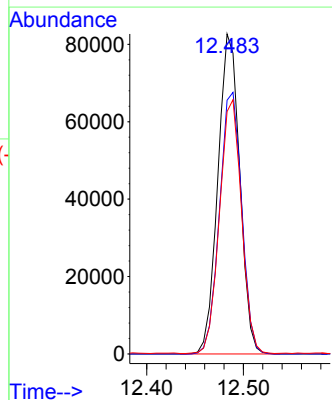
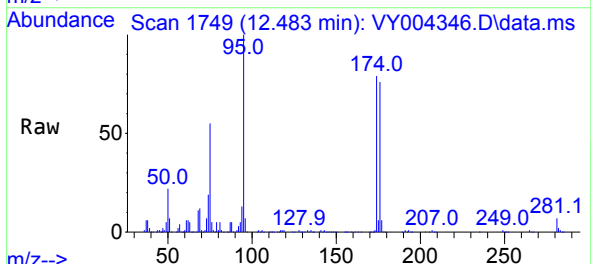
Instrument :
MSVOA_Y
ClientSampled :
S-11

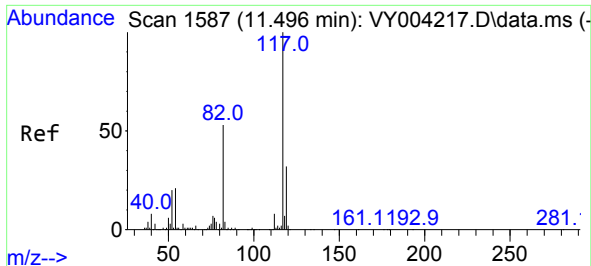
Tgt Ion: 98 Resp: 384107
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 57.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

Tgt Ion: 95 Resp: 129485
Ion Ratio Lower Upper
95 100
174 83.0 0.0 171.4
176 79.6 0.0 165.6

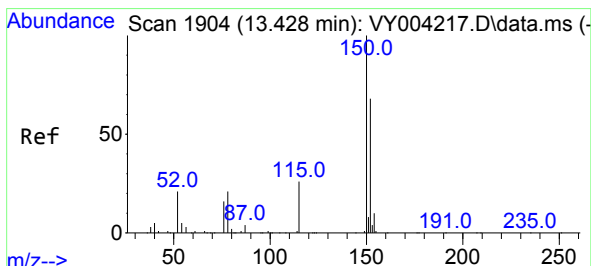
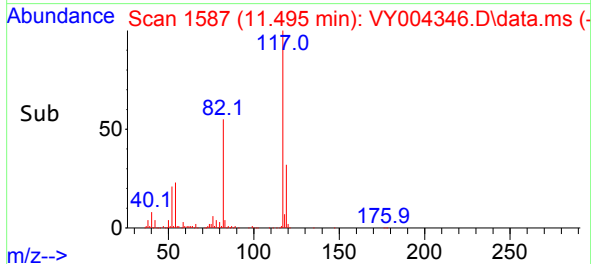
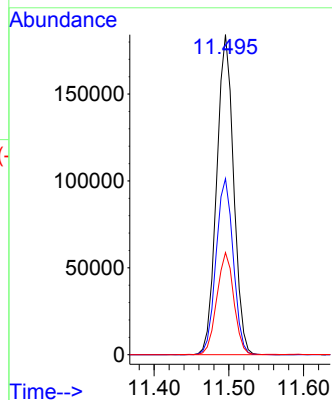
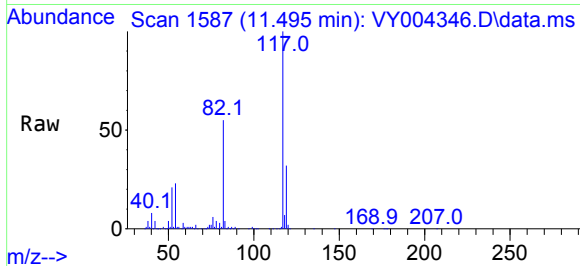




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

Instrument :
MSVOA_Y
ClientSampled :
S-11

Tgt Ion:	117	Resp:	290198
Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.7	64.1
119	31.9	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004346.D
Acq: 08 Apr 2021 19:25

Tgt Ion:	152	Resp:	132604
Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.0	87.1
150	157.4	0.0	347.4

