

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004347.D
 Acq On : 08 Apr 2021 19:48
 Operator : SY/MD
 Sample : M1979-18
 Misc : 4.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-18

Quant Time: Apr 09 03:19:52 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	178167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	285880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	107263	62.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.26%	
35) Dibromofluoromethane	7.728	113	92431	53.99	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.98%	
50) Toluene-d8	10.185	98	376124	58.41	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.82%	
62) 4-Bromofluorobenzene	12.483	95	125451	56.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.68%	

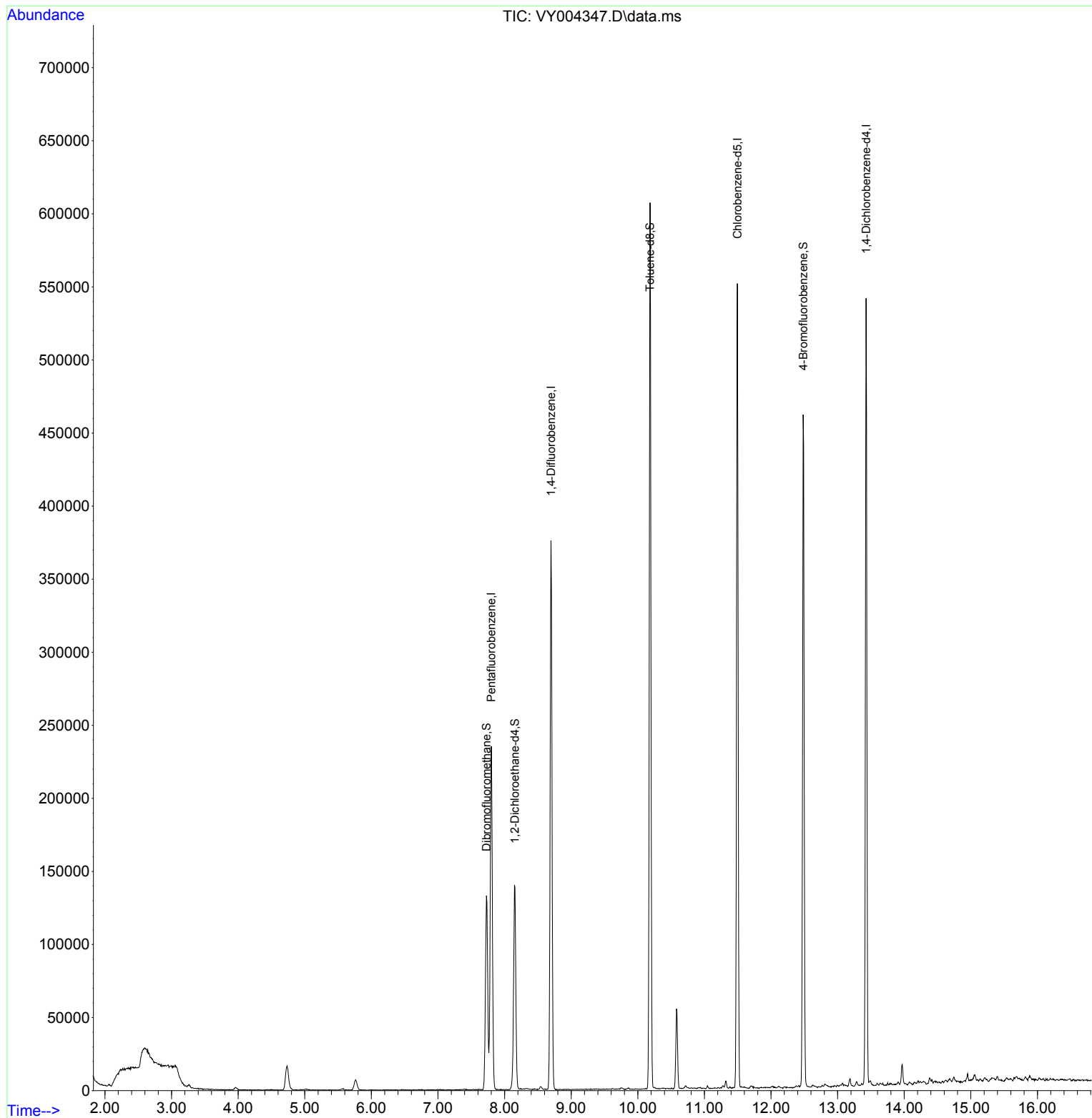
Target Compounds	Qvalue

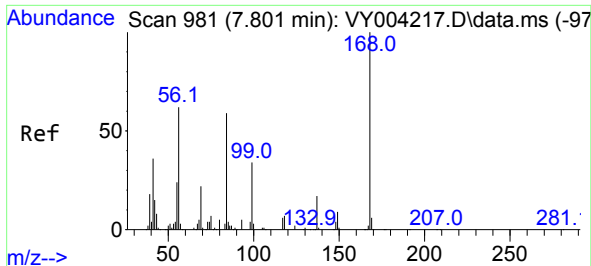
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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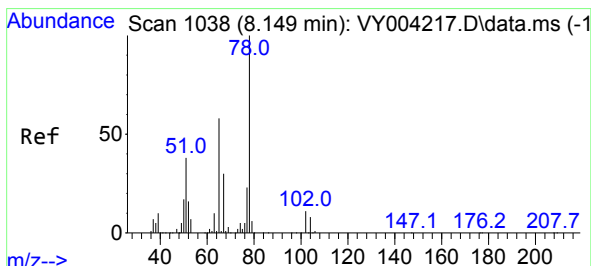
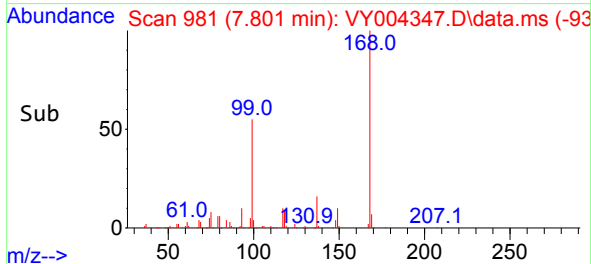
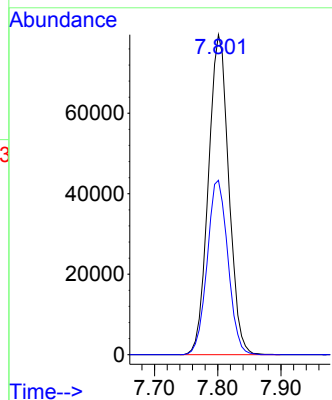
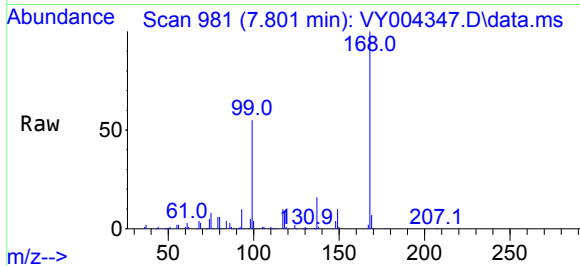




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

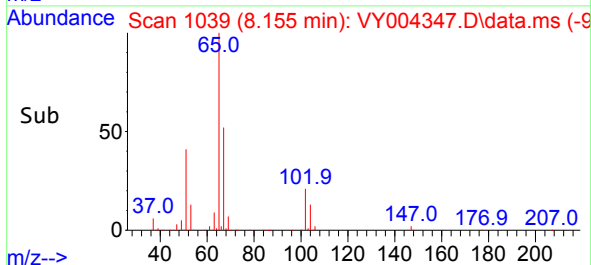
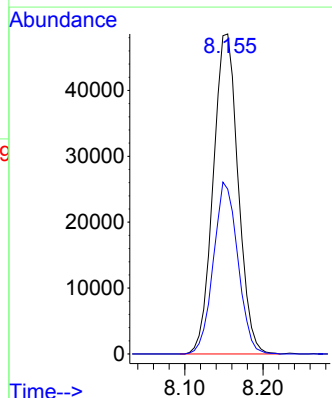
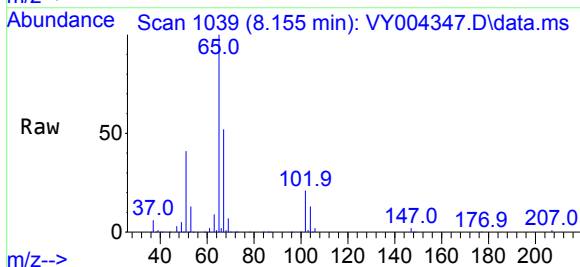
Instrument :
MSVOA_Y
ClientSampled :
S-18

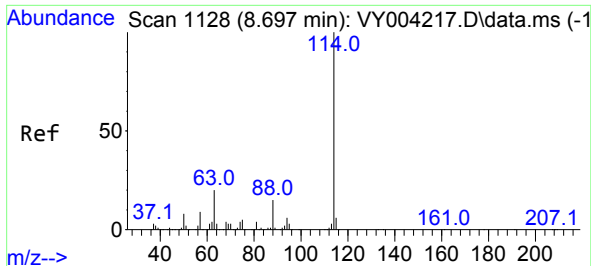
Tgt Ion:168 Resp: 178167
Ion Ratio Lower Upper
168 100
99 54.5 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 62.63 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

Tgt Ion: 65 Resp: 107263
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.2



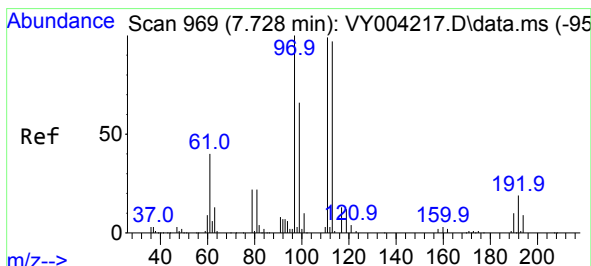
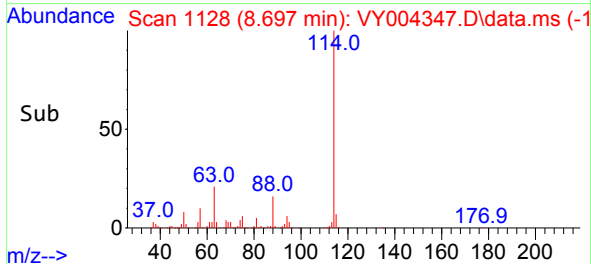
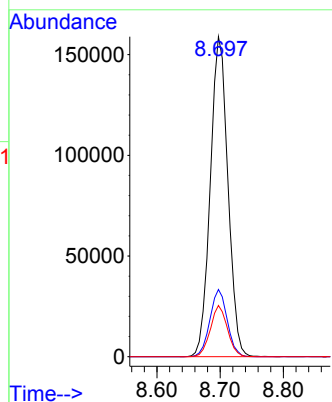
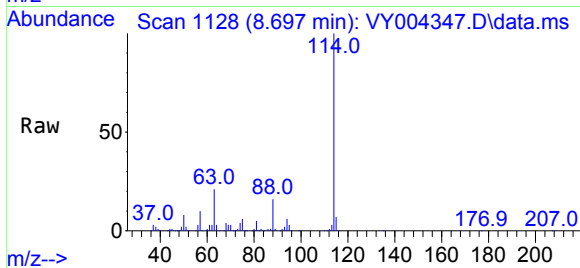


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

Instrument :
MSVOA_Y
ClientSampled :
S-18

Tgt Ion:114 Resp: 307279

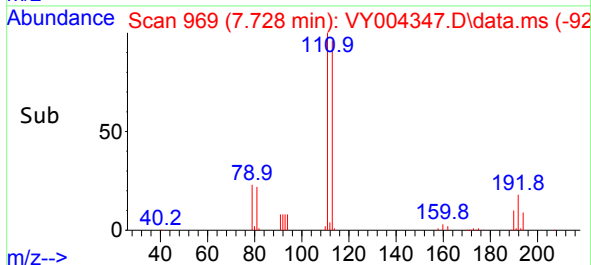
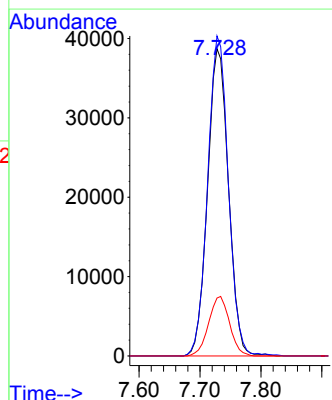
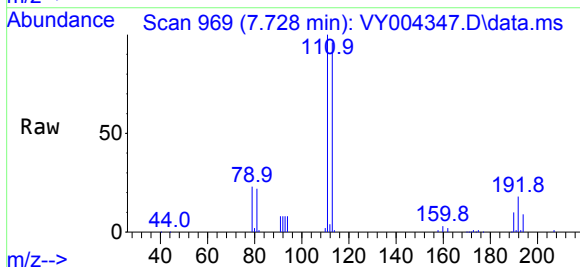
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.4
88	16.0	0.0	30.8

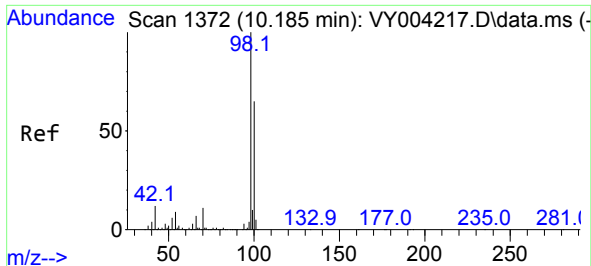


#35
Dibromofluoromethane
Concen: 53.99 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

Tgt Ion:113 Resp: 92431

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	19.3	16.4	24.6

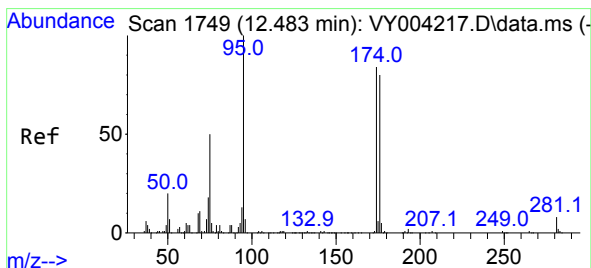
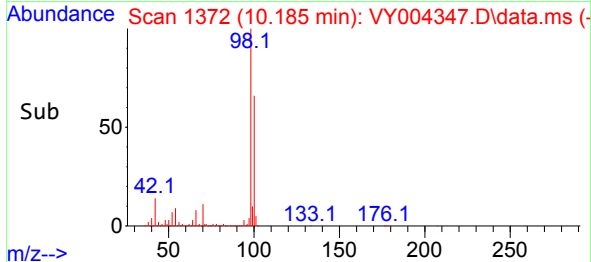
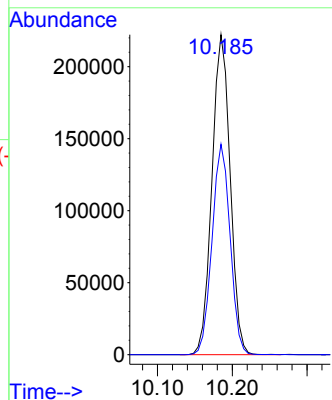
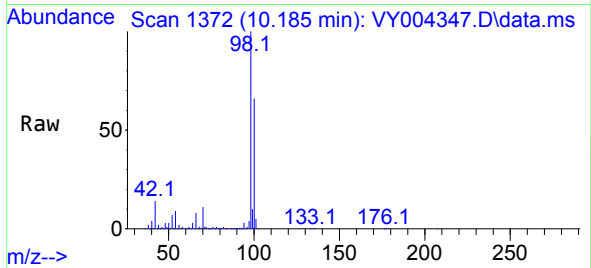




#50
Toluene-d8
Concen: 58.41 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

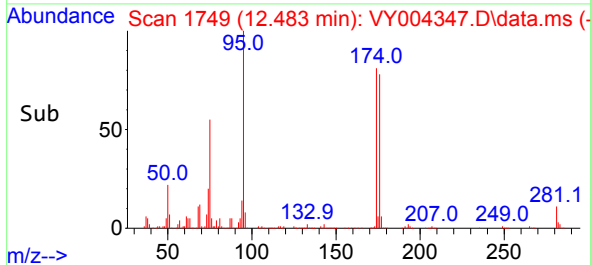
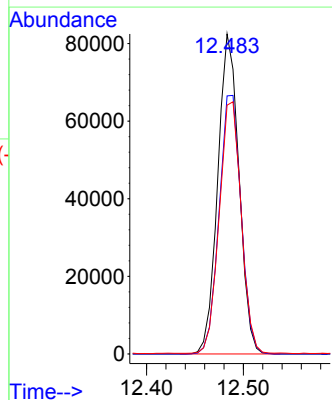
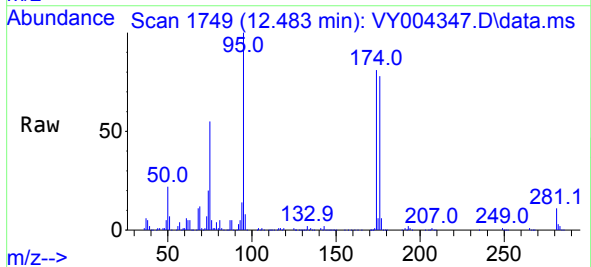
Instrument :
MSVOA_Y
ClientSampled :
S-18

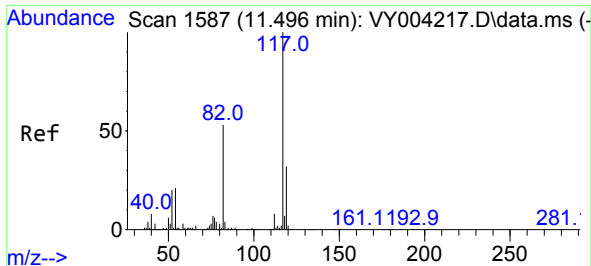
Tgt Ion: 98 Resp: 376124
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

Tgt Ion: 95 Resp: 125451
Ion Ratio Lower Upper
95 100
174 83.6 0.0 171.4
176 81.7 0.0 165.6

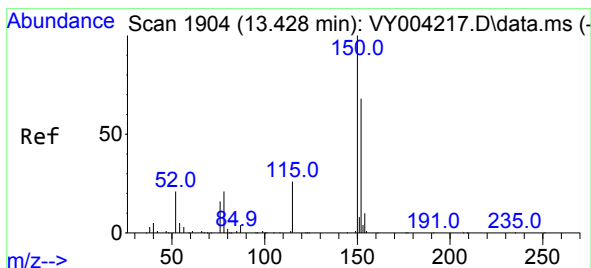
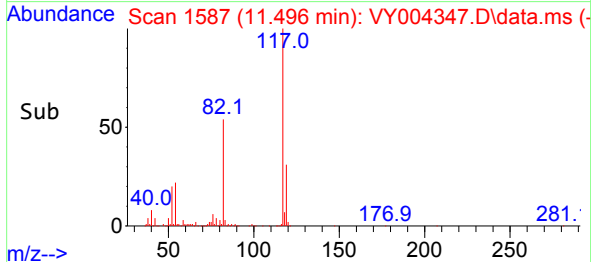
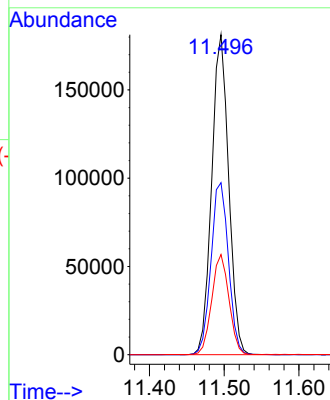
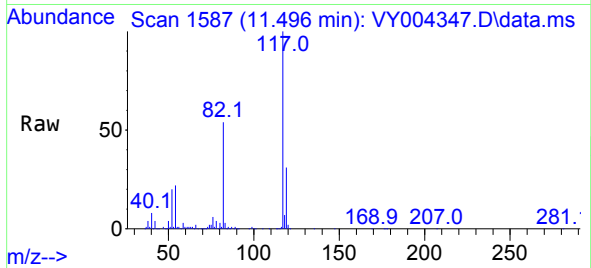




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

Instrument :
MSVOA_Y
ClientSampled :
S-18

Tgt Ion:	117	Resp:	285880
Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.7	64.1
119	31.3	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: VY004347.D
Acq: 08 Apr 2021 19:48

Tgt Ion:	152	Resp:	129693
Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.0	87.1
150	157.3	0.0	347.4

