

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004339.D
 Acq On : 08 Apr 2021 16:42
 Operator : SY/MD
 Sample : M1947-03
 Misc : 5.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-SB19B(19-20)X

Quant Time: Apr 09 03:17:49 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	172791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	275266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127731	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	109695	66.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.08%
35) Dibromofluoromethane	7.728	113	90484	55.00	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.00%
50) Toluene-d8	10.185	98	362316	58.55	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.10%
62) 4-Bromofluorobenzene	12.483	95	126217	59.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.04%

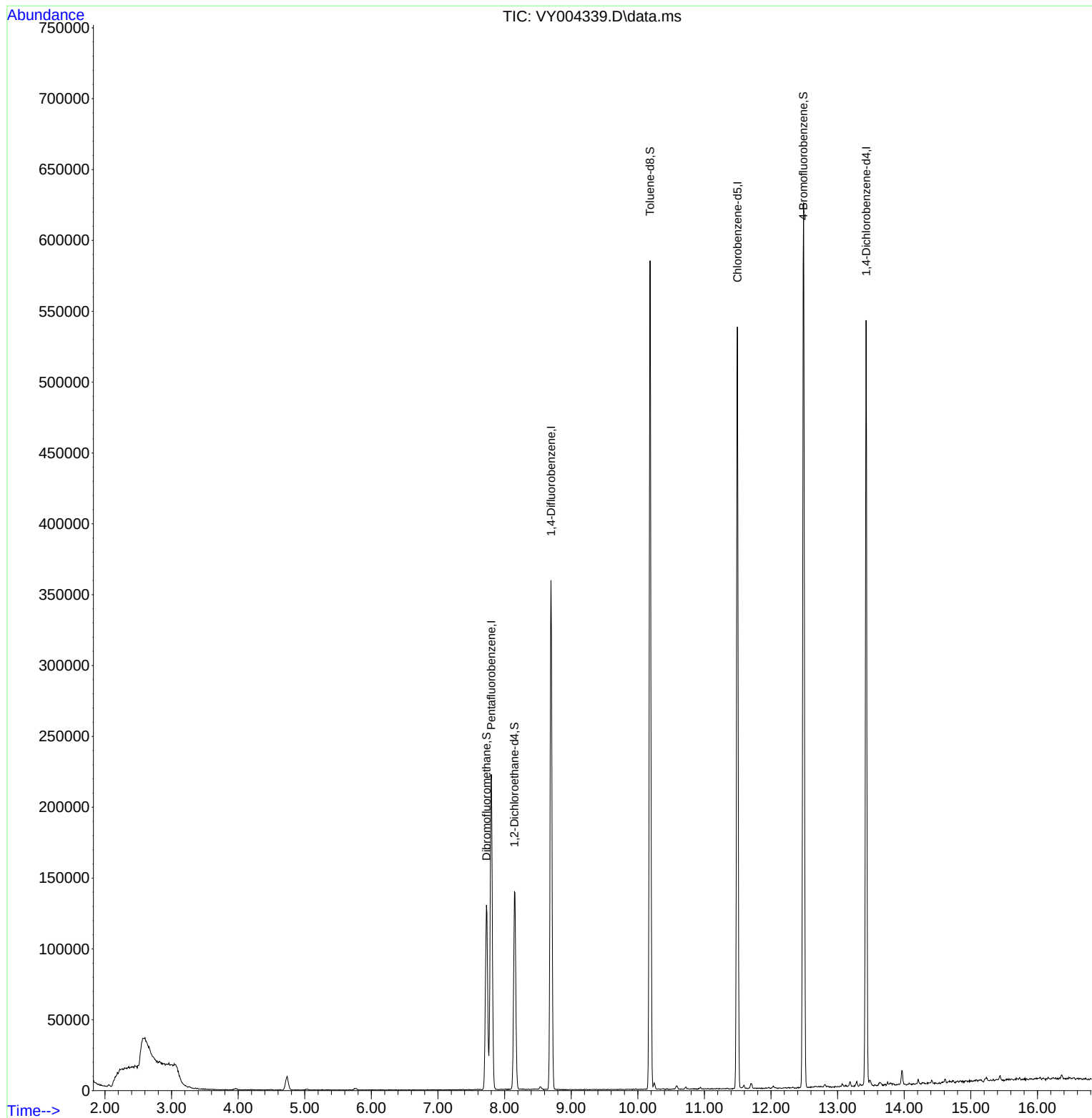
Target Compounds	Qvalue

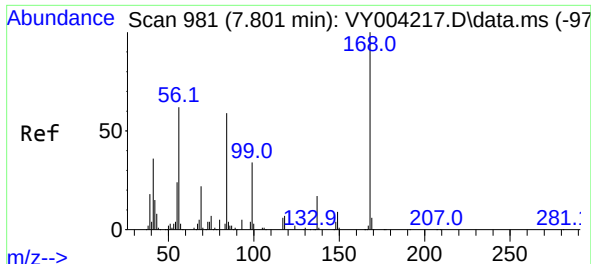
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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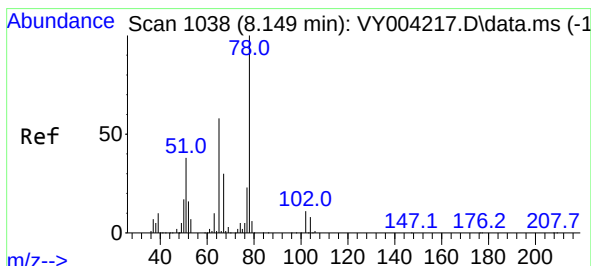
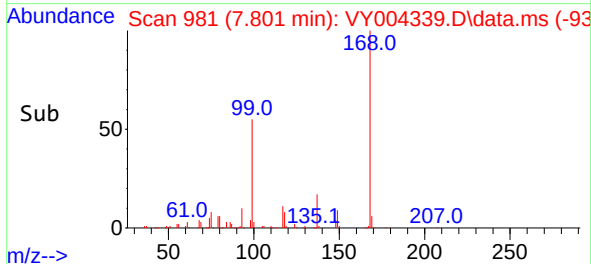
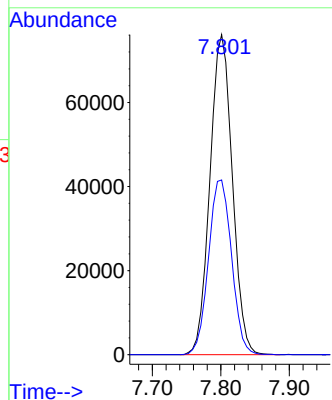
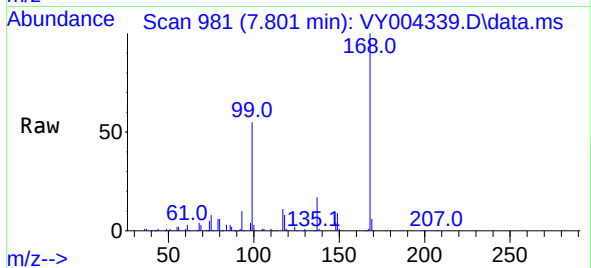




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

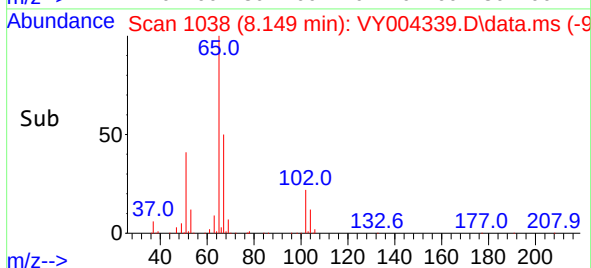
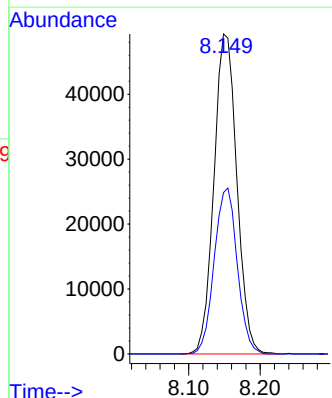
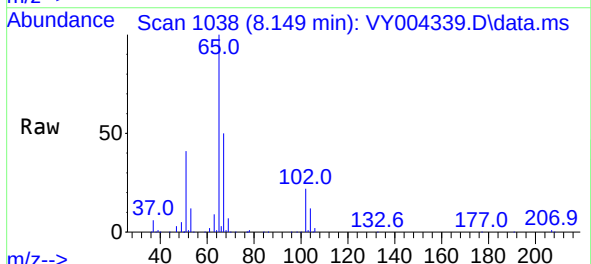
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB19B(19-20)X

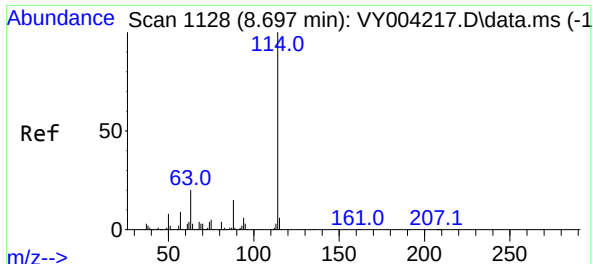
Tgt Ion:168 Resp: 172791
Ion Ratio Lower Upper
168 100
99 54.6 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 66.04 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

Tgt Ion: 65 Resp: 109695
Ion Ratio Lower Upper
65 100
67 52.1 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: VY004339.D

Acq: 08 Apr 2021 16:42

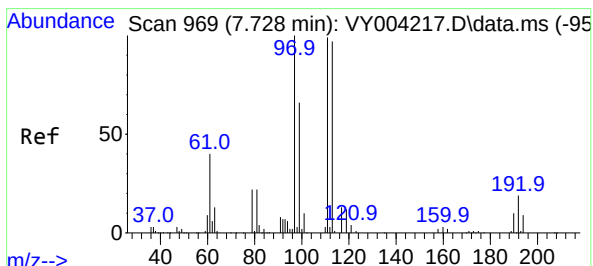
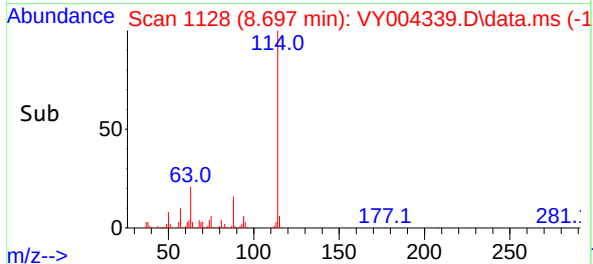
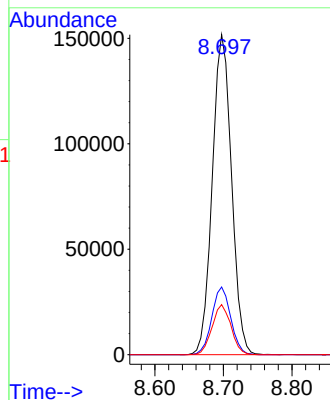
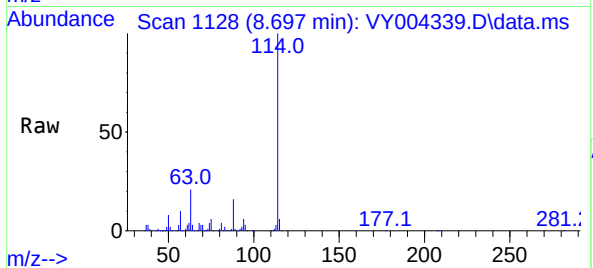
Tgt Ion:114 Resp: 295267

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.4

88 15.6 0.0 30.8



#35

Dibromofluoromethane

Concen: 55.00 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004339.D

Acq: 08 Apr 2021 16:42

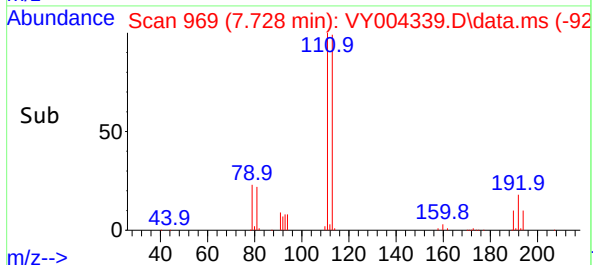
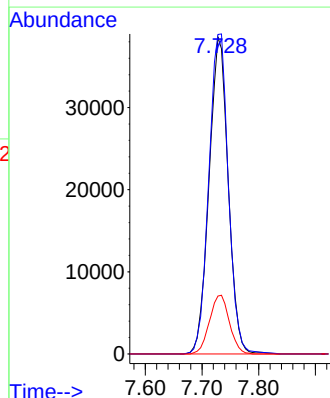
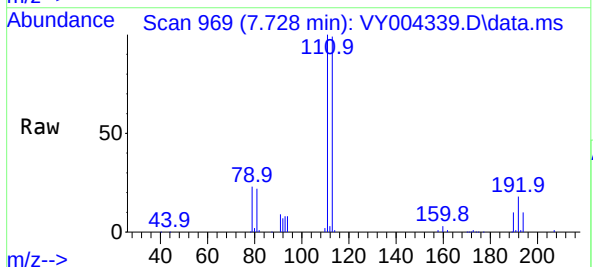
Tgt Ion:113 Resp: 90484

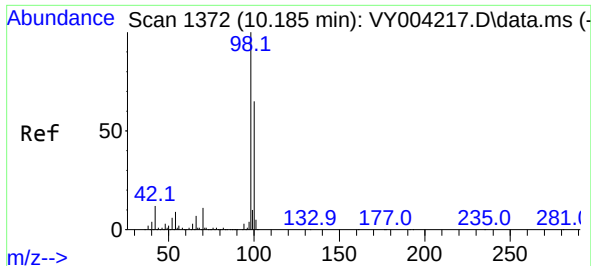
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.3 16.4 24.6

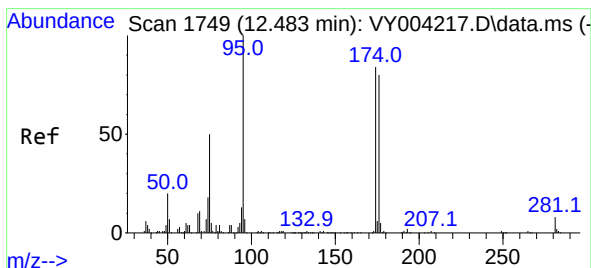
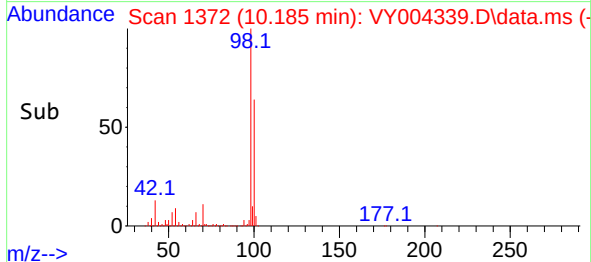
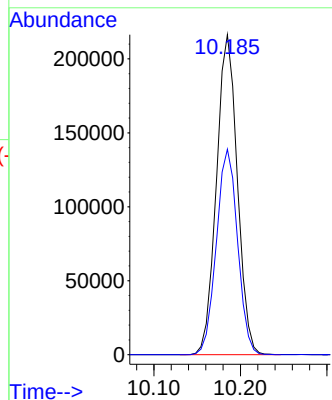
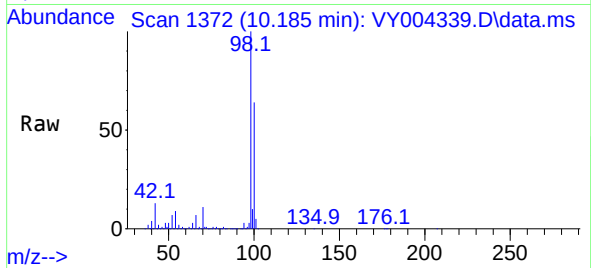




#50
Toluene-d8
Concen: 58.55 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

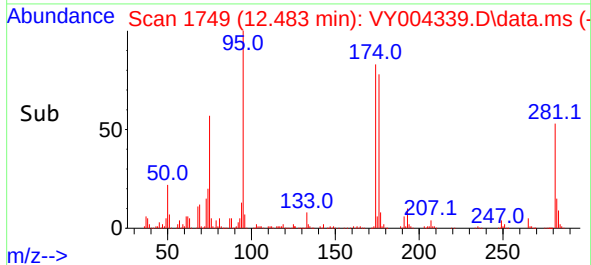
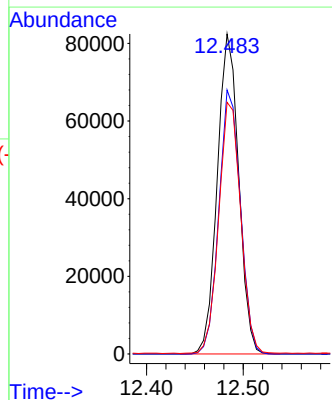
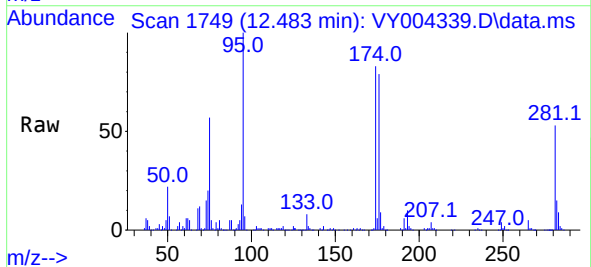
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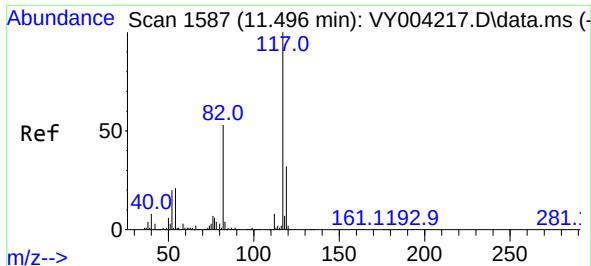
Tgt Ion: 98 Resp: 362316
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 59.52 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

Tgt Ion: 95 Resp: 126217
Ion Ratio Lower Upper
95 100
174 83.0 0.0 171.4
176 80.8 0.0 165.6

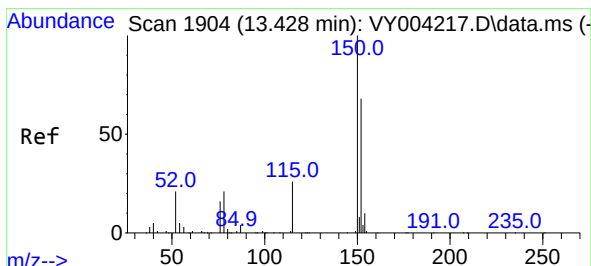
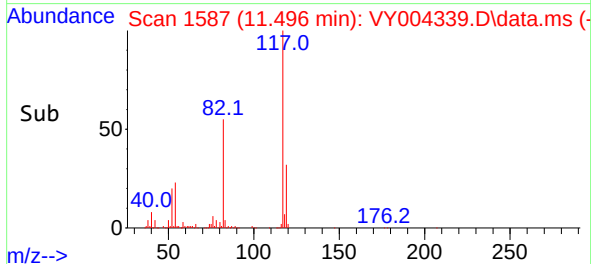
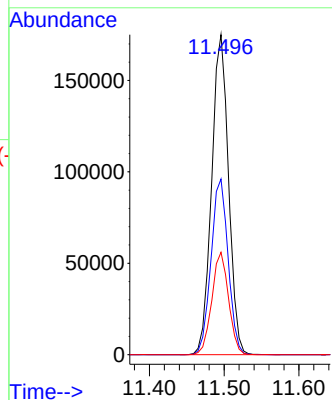
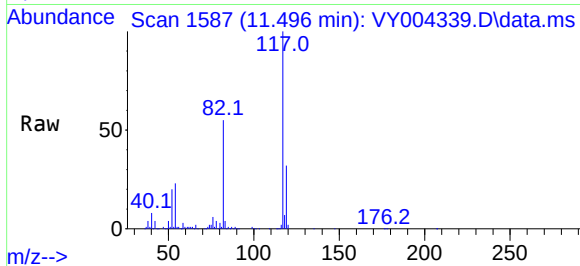




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004339.D
Acq: 08 Apr 2021 16:42

Instrument :
MSVOA_Y
ClientSampleId :
FS-SB19B(19-20)X

Tgt Ion:	117	Resp:	275266
Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.7	64.1
119	32.0	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: VY004339.D
Acq: 08 Apr 2021 16:42

Tgt Ion:	152	Resp:	127731
Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.0	87.1
150	157.5	0.0	347.4

