

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004343.D
 Acq On : 08 Apr 2021 18:15
 Operator : SY/MD
 Sample : M1979-08
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-8

Quant Time: Apr 09 03:18:49 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	7.795	168	14062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	23564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	20892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	8719	64.50	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.00%
35) Dibromofluoromethane	7.728	113	6816	51.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.82%
50) Toluene-d8	10.185	98	28027	56.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.52%
62) 4-Bromofluorobenzene	12.483	95	8868	52.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.80%

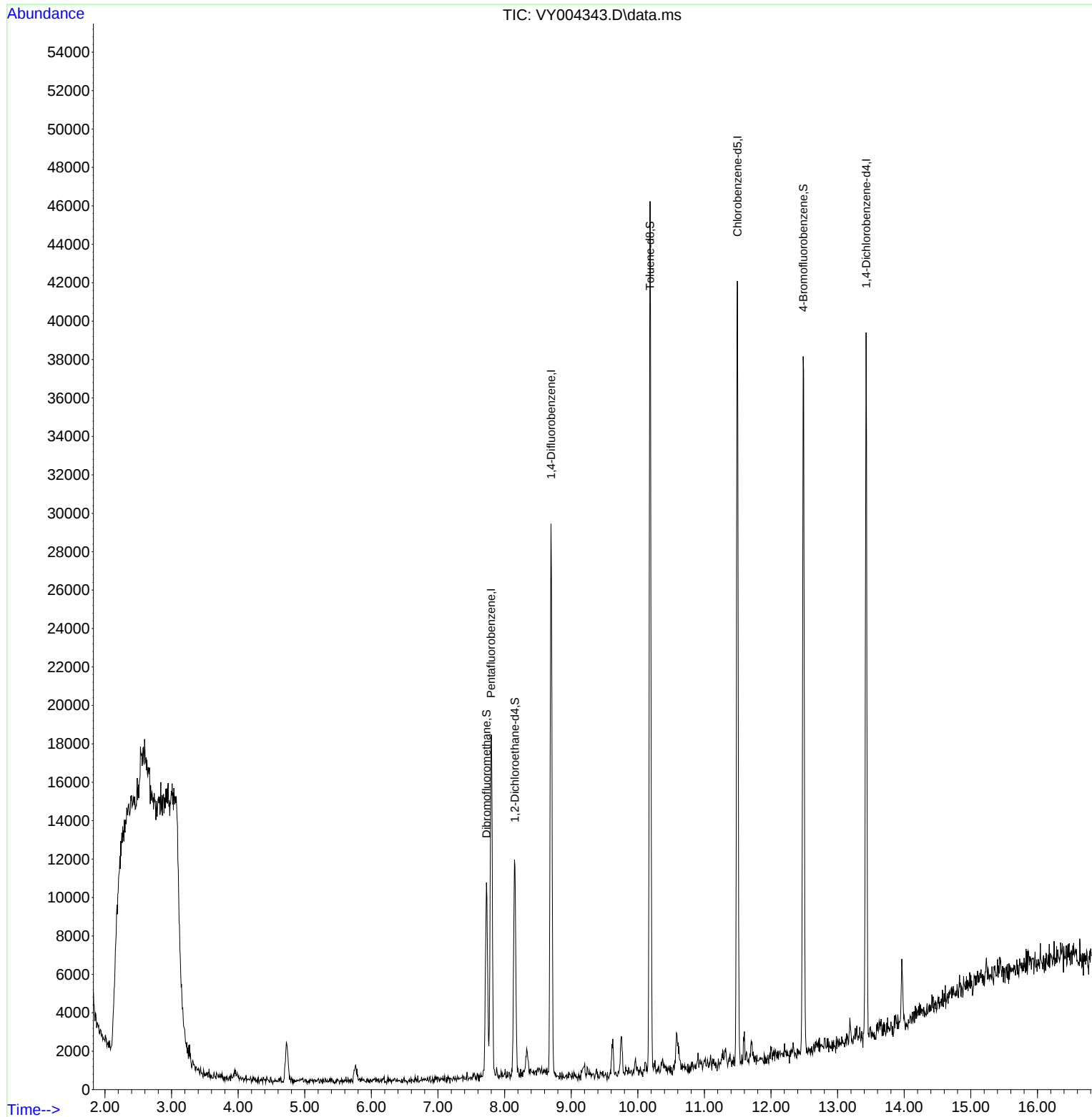
Target Compounds	Qvalue

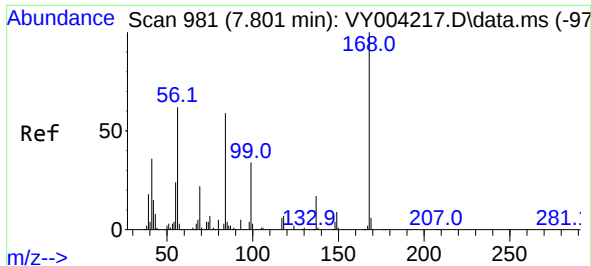
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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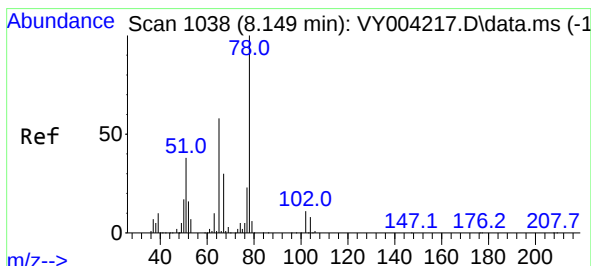
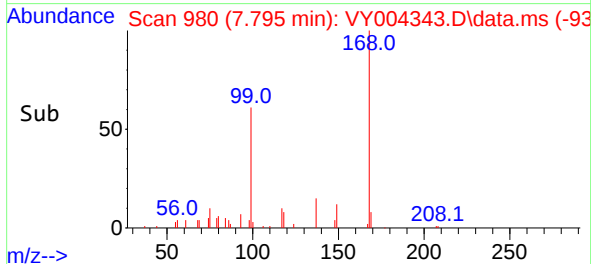
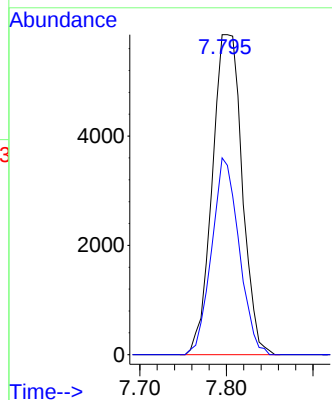
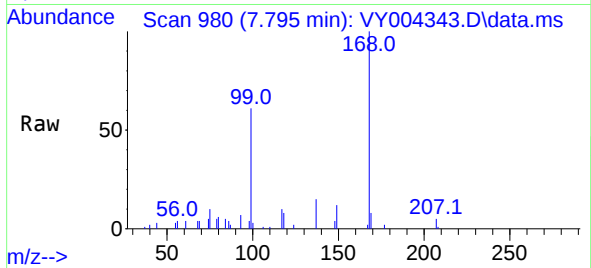




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

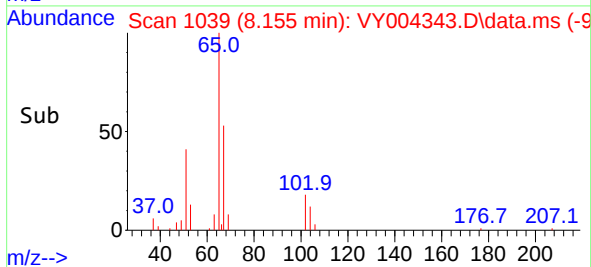
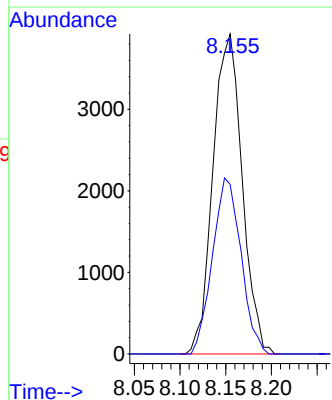
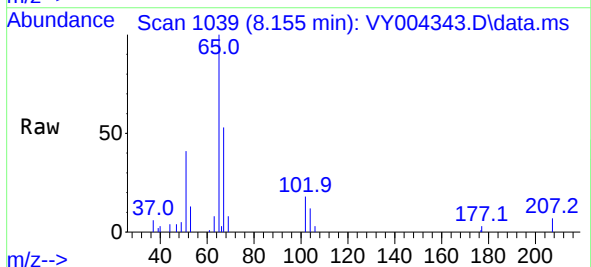
Instrument :
MSVOA_Y
ClientSampled :
S-8

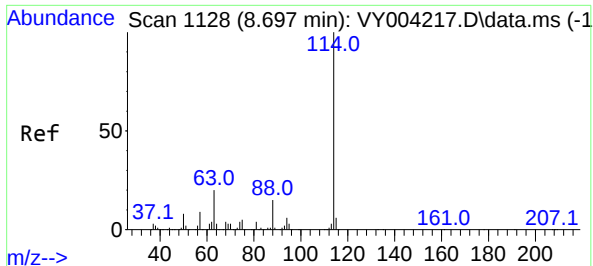
Tgt Ion:168 Resp: 14062
Ion Ratio Lower Upper
168 100
99 61.5 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 64.50 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

Tgt Ion: 65 Resp: 8719
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.2

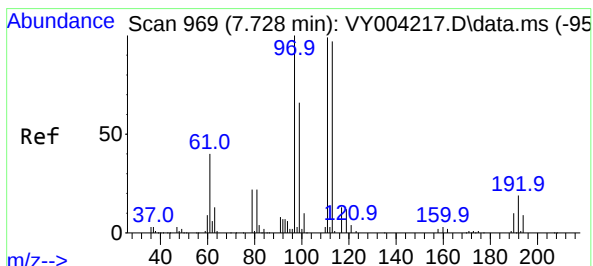
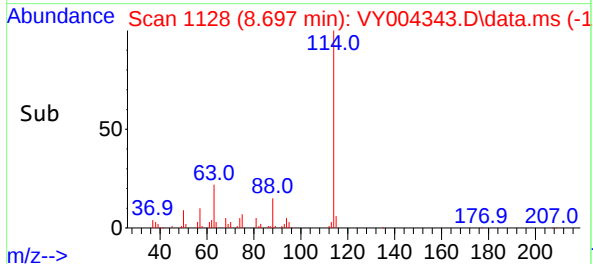
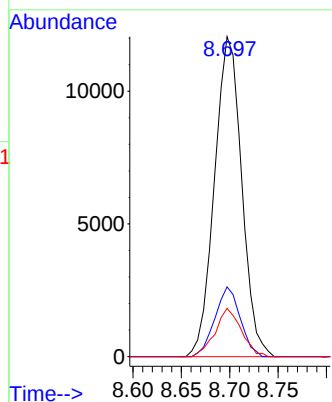
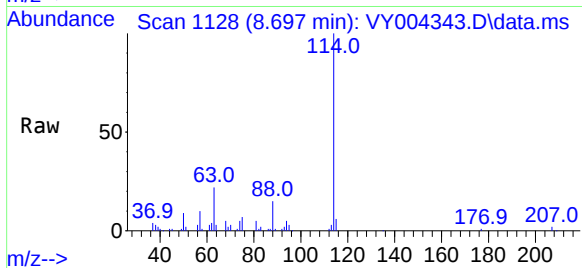




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

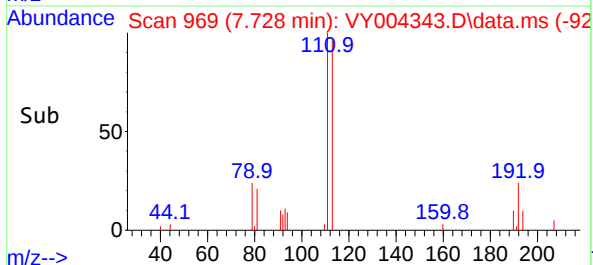
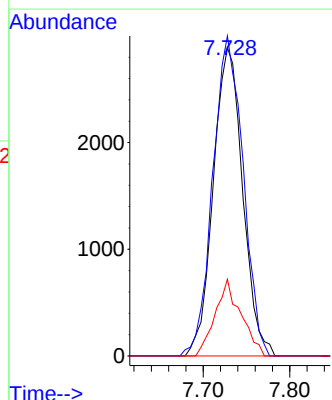
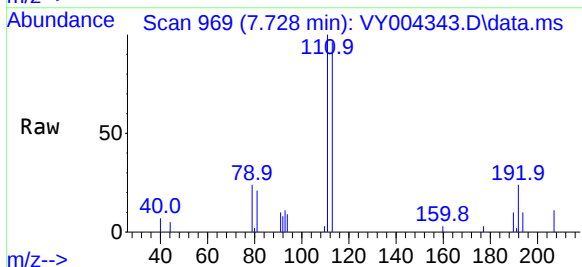
Instrument :
MSVOA_Y
ClientSampled :
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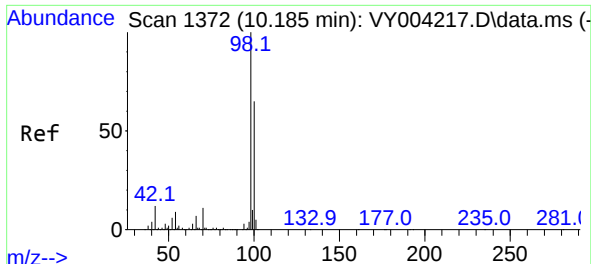
Tgt Ion:	114	Resp:	23564
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	40.4
88	15.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 51.91 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

Tgt Ion:	113	Resp:	6816
Ion	Ratio	Lower	Upper
113	100		
111	106.7	82.6	124.0
192	21.8	16.4	24.6

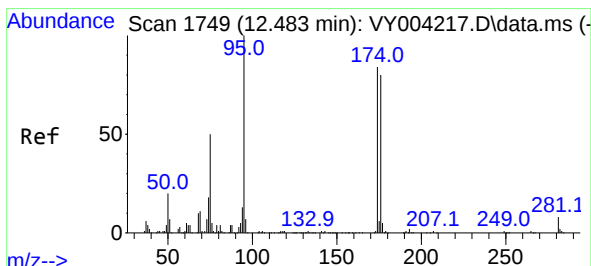
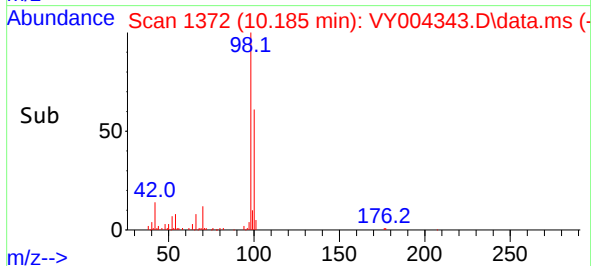
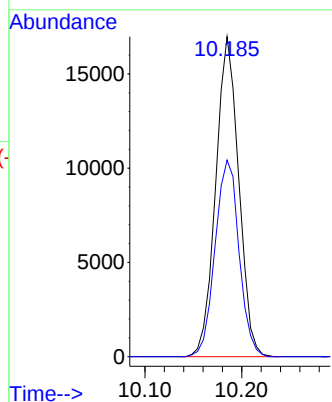
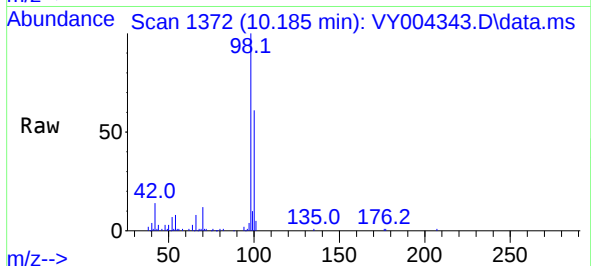




#50
Toluene-d8
Concen: 56.76 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

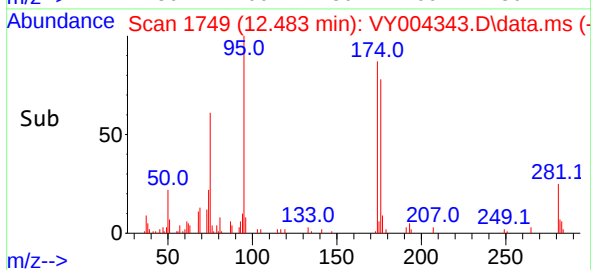
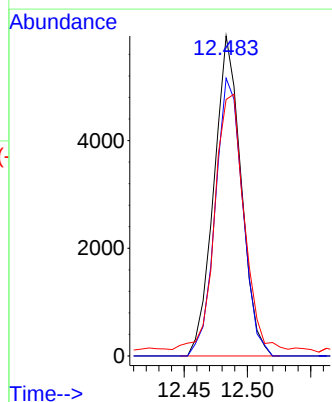
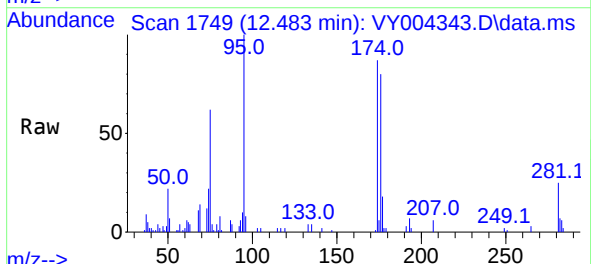
Instrument :
MSVOA_Y
ClientSampled :
S-8

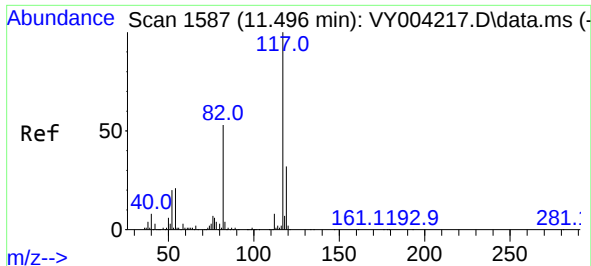
Tgt Ion: 98 Resp: 28027
Ion Ratio Lower Upper
98 100
100 63.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.40 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

Tgt Ion: 95 Resp: 8868
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.4
176 88.6 0.0 165.6

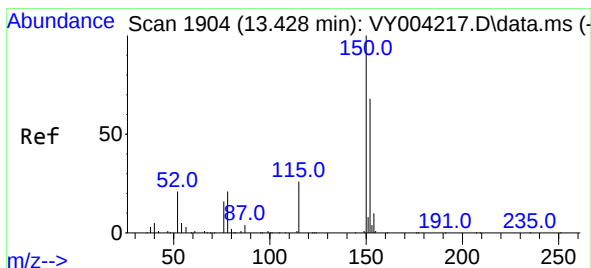
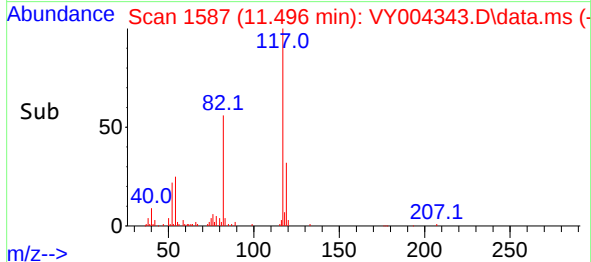
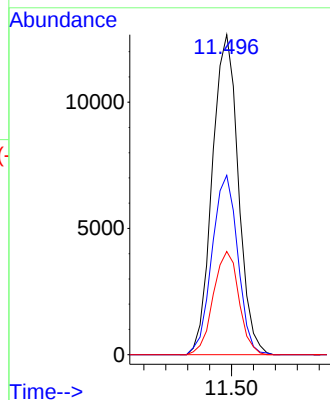
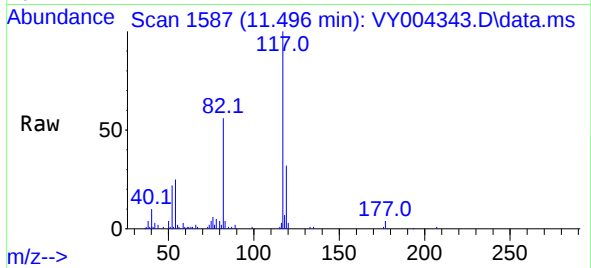




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004343.D
Acq: 08 Apr 2021 18:15

Instrument :
MSVOA_Y
ClientSampled :
S-8

Tgt Ion:	117	Resp:	20892
Ion	Ratio	Lower	Upper
117	100		
82	56.1	42.7	64.1
119	32.3	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: VY004343.D
Acq: 08 Apr 2021 18:15

Tgt Ion:	152	Resp:	8751
Ion	Ratio	Lower	Upper
152	100		
115	63.4	29.0	87.1
150	157.0	0.0	347.4

