

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
 Data File : VY004247.D
 Acq On : 01 Apr 2021 16:03
 Operator : SY/MD
 Sample : M1900-02
 Misc : 6.74g/5mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26586

Quant Time: Apr 02 02:11:04 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)

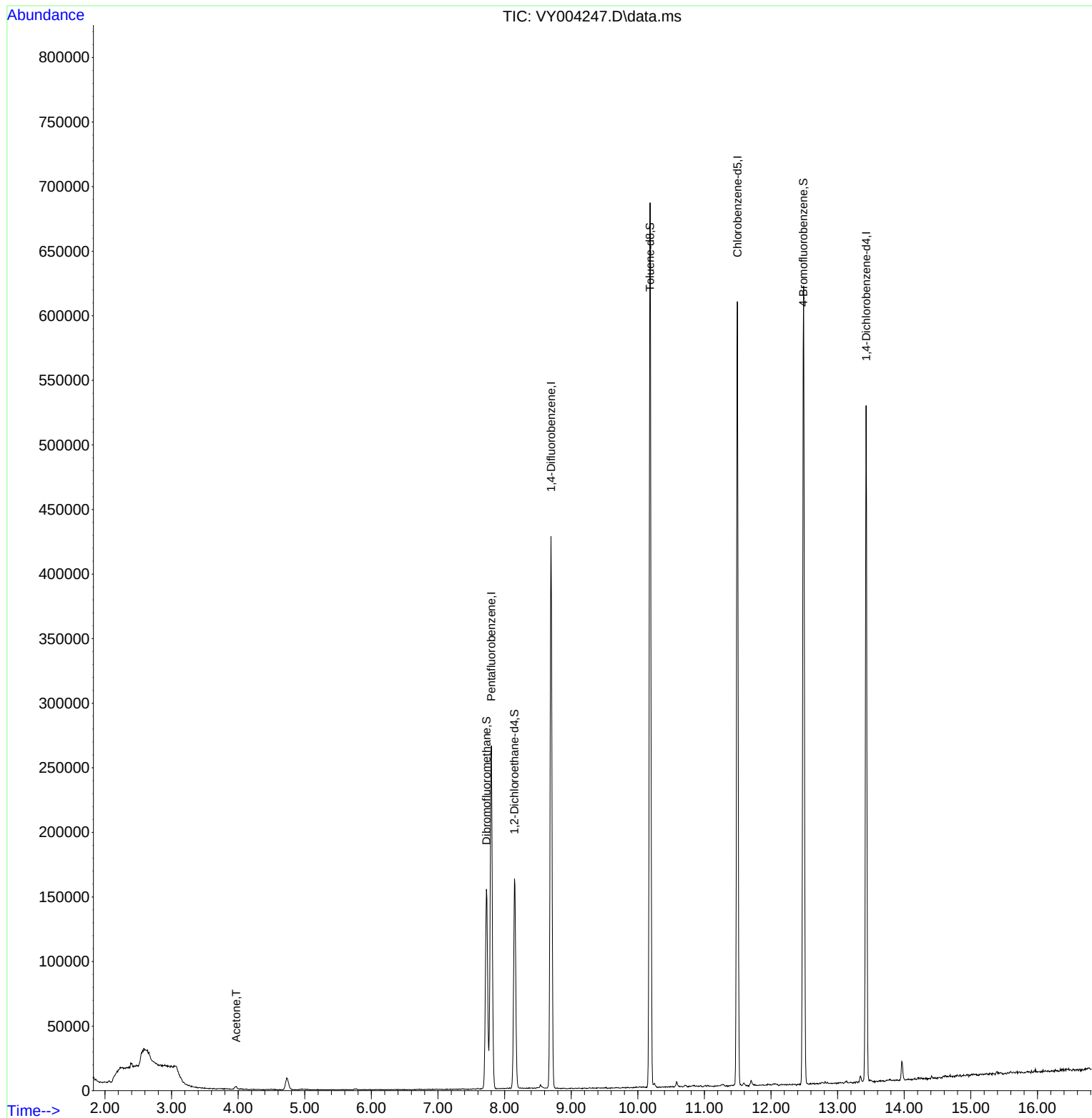
Internal Standards						
1) Pentafluorobenzene	7.801	168	204899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	310538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124160	63.03	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 126.06%		
35) Dibromofluoromethane	7.728	113	107371	54.99	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.98%		
50) Toluene-d8	10.185	98	429054	58.42	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 116.84%		
62) 4-Bromofluorobenzene	12.483	95	134232	53.33	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 106.66%		
Target Compounds						Qvalue
16) Acetone	3.973	43	4109	10.01	ug/l	98

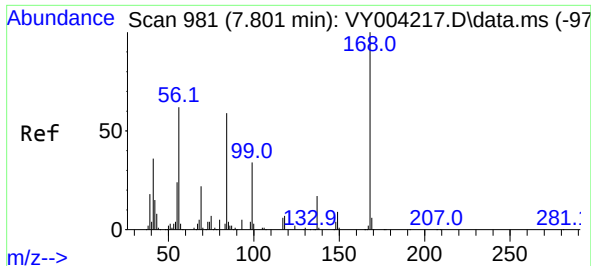
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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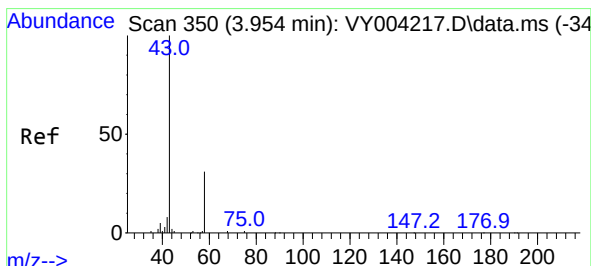
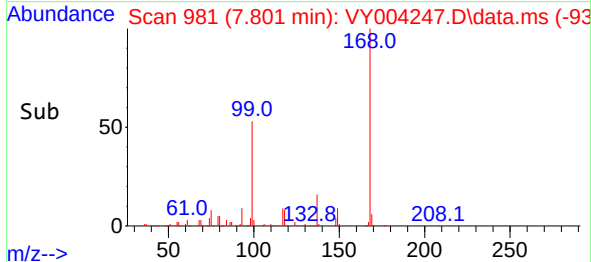
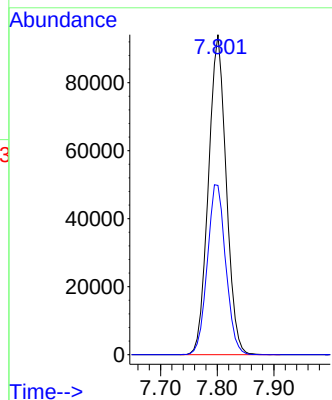
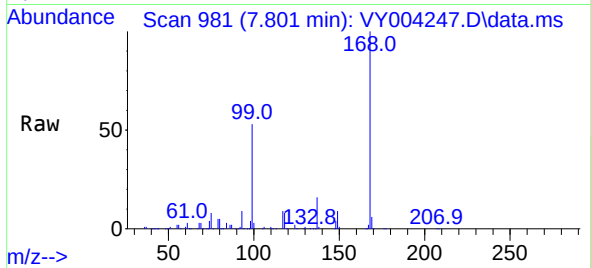




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

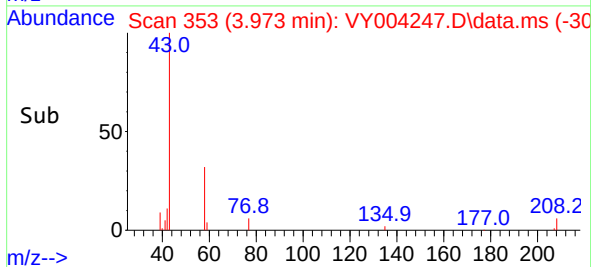
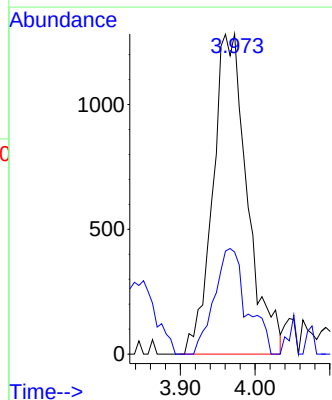
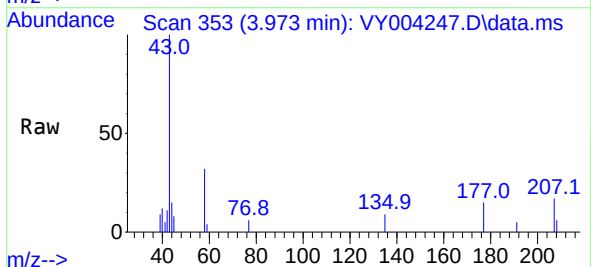
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26586

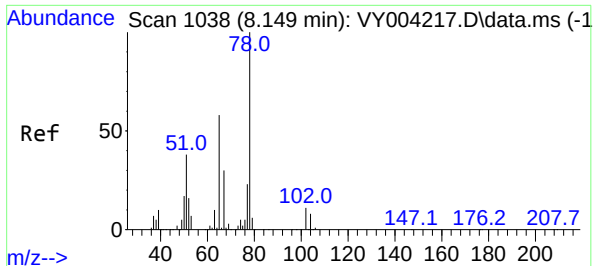
Tgt Ion:168 Resp: 204899
Ion Ratio Lower Upper
168 100
99 52.9 42.6 64.0



#16
Acetone
Concen: 10.01 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

Tgt Ion: 43 Resp: 4109
Ion Ratio Lower Upper
43 100
58 31.9 24.5 36.7

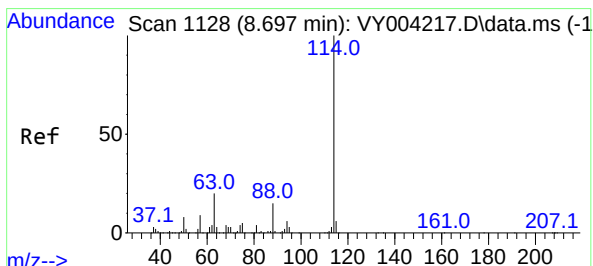
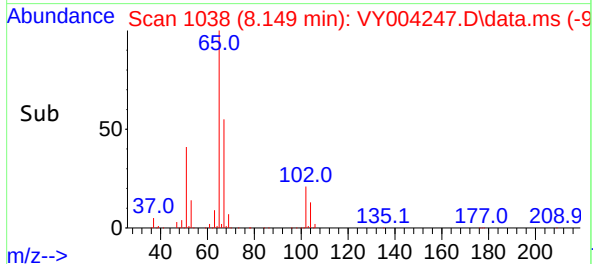
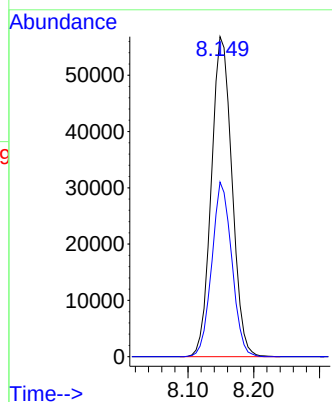
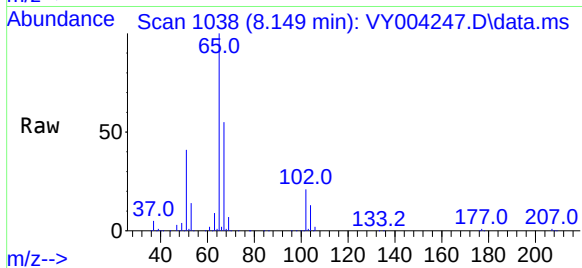




#33
1,2-Dichloroethane-d4
Concen: 63.03 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

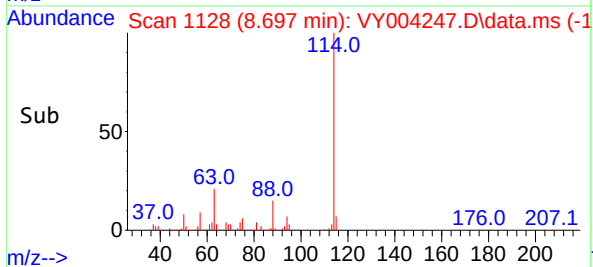
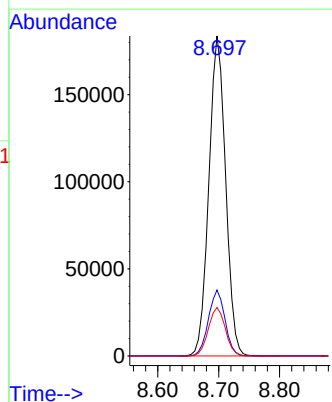
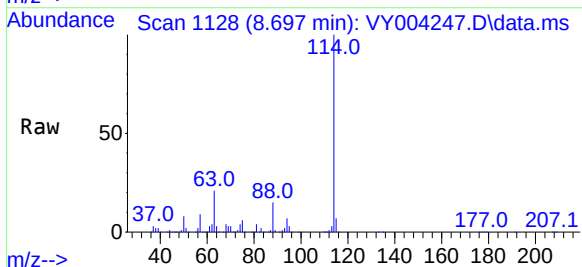
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26586

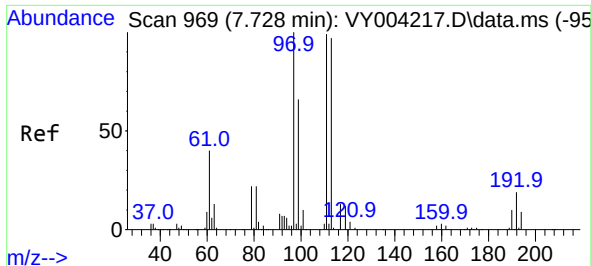
Tgt Ion: 65 Resp: 124160
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

Tgt Ion:114 Resp: 350434
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.4
88 15.2 0.0 30.8

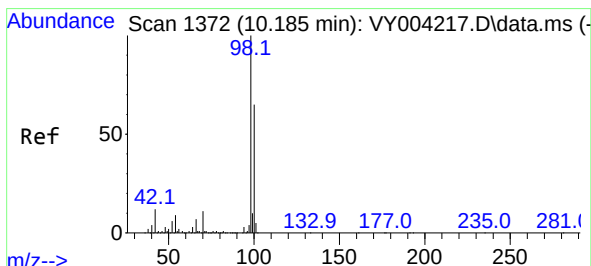
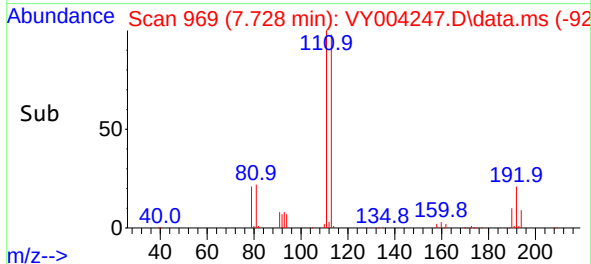
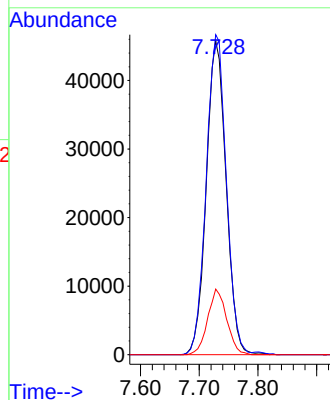
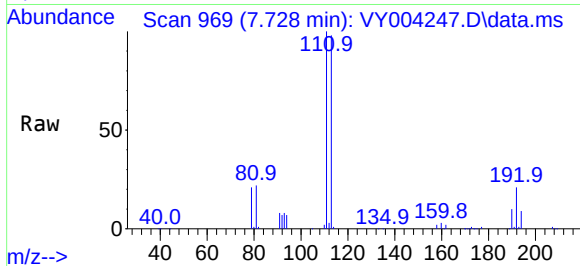




#35
Dibromofluoromethane
Concen: 54.99 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

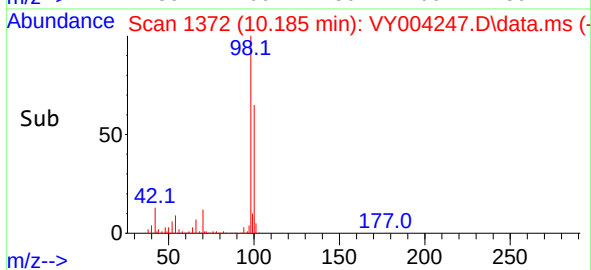
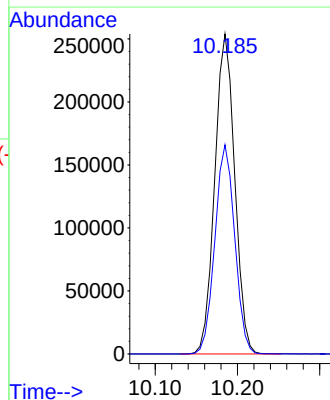
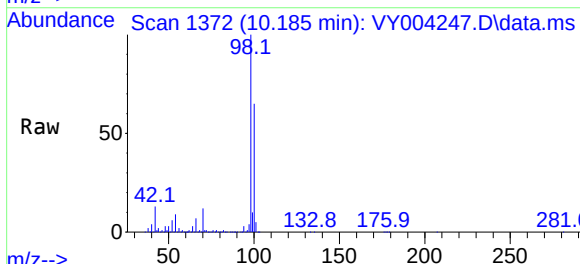
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26586

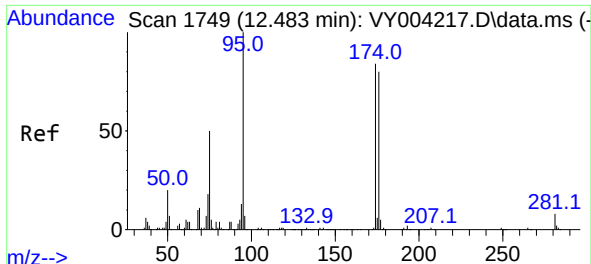
Tgt Ion:113 Resp: 107371
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.1 16.4 24.6



#50
Toluene-d8
Concen: 58.42 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

Tgt Ion: 98 Resp: 429054
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

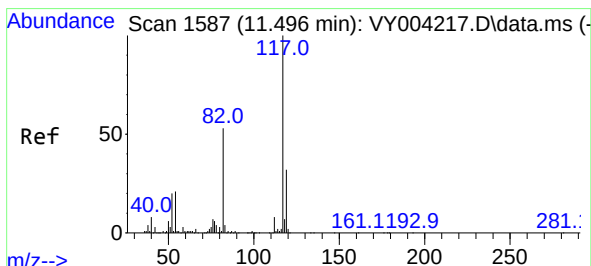
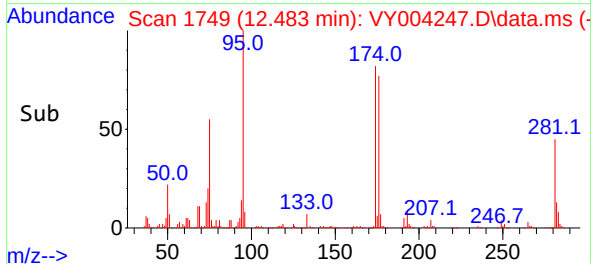
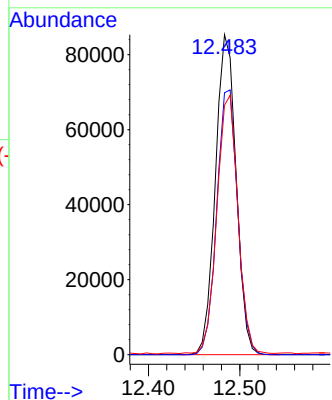
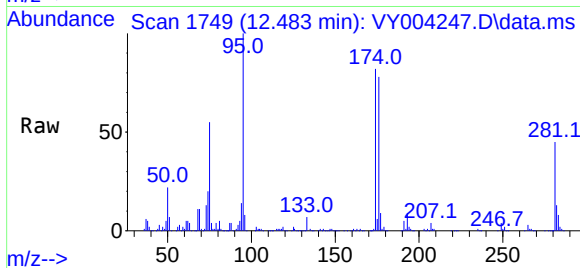




#62
4-Bromofluorobenzene
Concen: 53.33 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

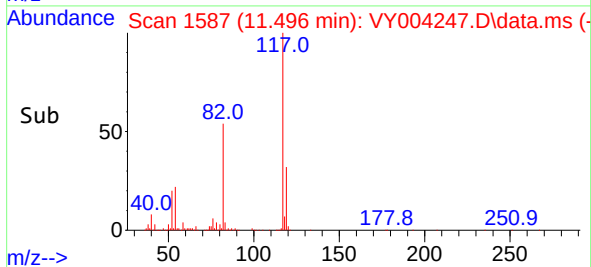
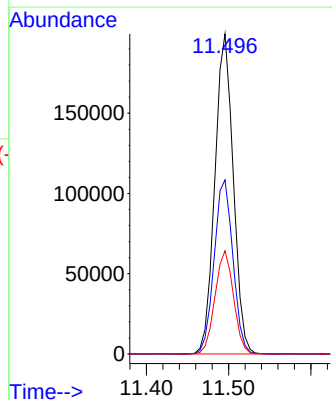
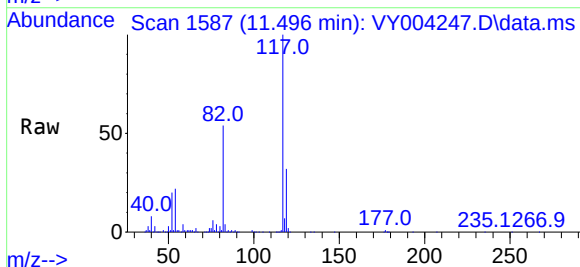
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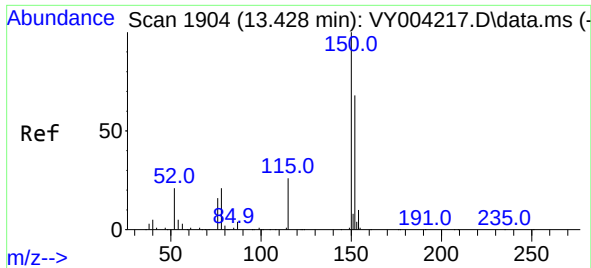
Tgt Ion:	95	Resp:	134232
Ion Ratio	Lower	Upper	
95	100		
174	83.7	0.0	171.4
176	81.9	0.0	165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004247.D
Acq: 01 Apr 2021 16:03

Tgt Ion:	117	Resp:	310538
Ion Ratio	Lower	Upper	
117	100		
82	54.4	42.7	64.1
119	32.2	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: VY004247.D
 Acq: 01 Apr 2021 16:03

Instrument :
 MSVOA_Y
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Tgt Ion:152 Resp: 128450

Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.0	87.1
150	156.2	0.0	347.4

