

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040521\
 Data File : VY004281.D
 Acq On : 05 Apr 2021 13:57
 Operator : SY/MD
 Sample : M1932-03
 Misc : 5.96g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-3

Quant Time: Apr 05 15:21:24 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)

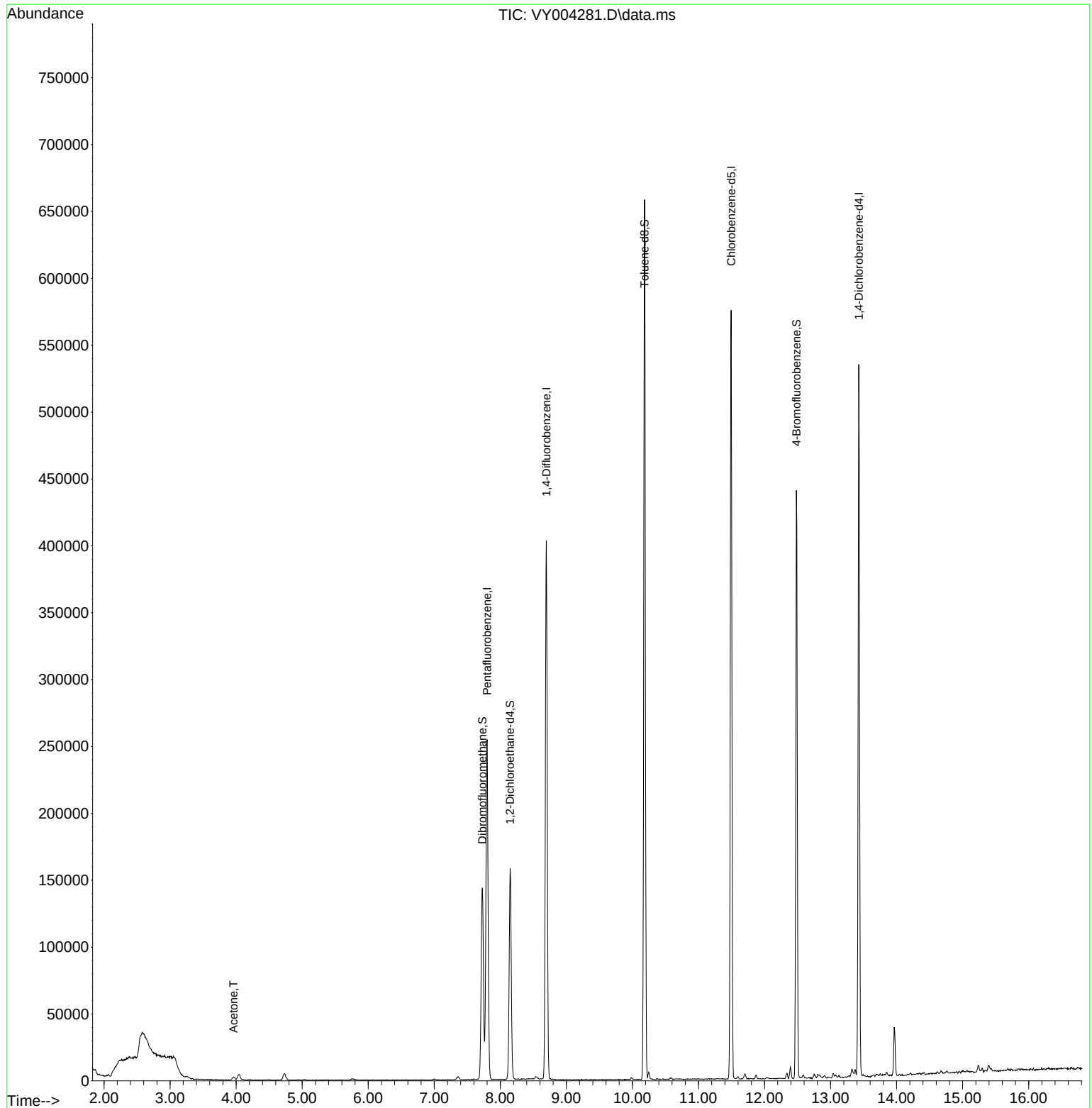
Internal Standards						
1) Pentafluorobenzene	7.801	168	194343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	337137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	307050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120082	64.28	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 128.56%		
35) Dibromofluoromethane	7.728	113	103219	54.95	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.90%		
50) ToLuene-d8	10.185	98	408118	57.76	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 115.52%		
62) 4-Bromofluorobenzene	12.483	95	131613	54.35	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 108.70%		
Target Compounds						Qvalue
16) Acetone	3.960	43	3707	9.52	ug/l	92

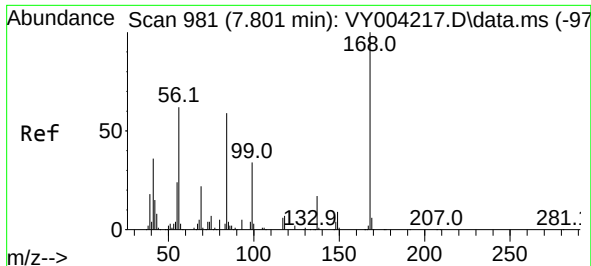
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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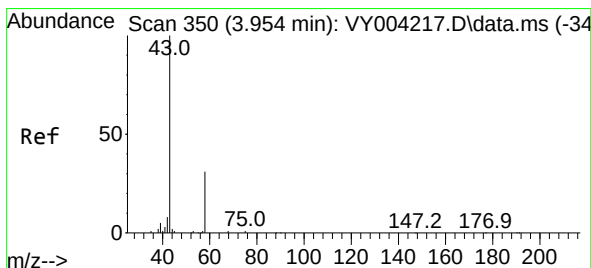
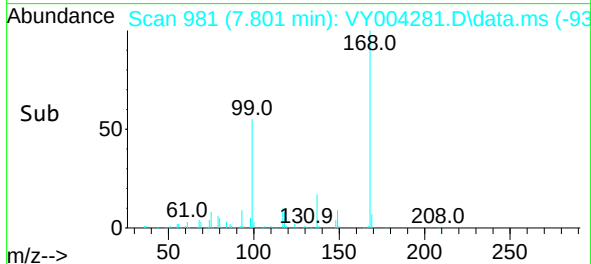
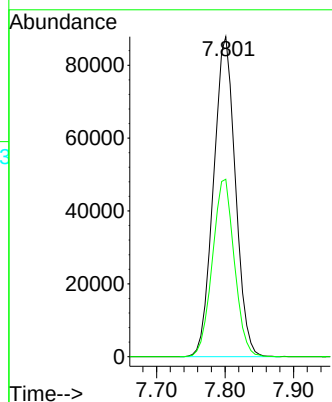
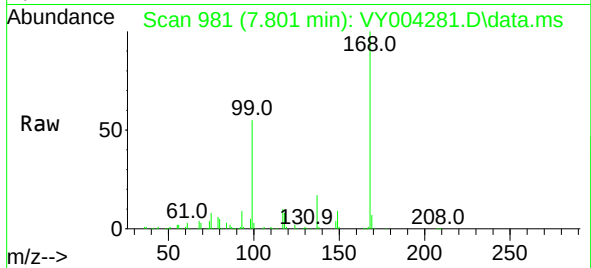




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004281.D
Acq: 05 Apr 2021 13:57

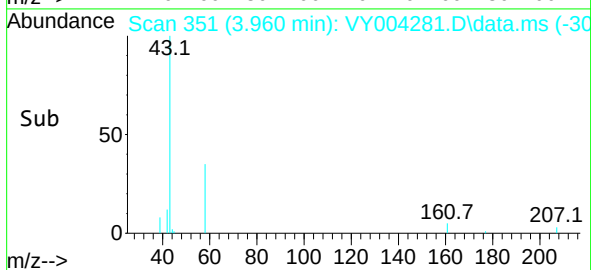
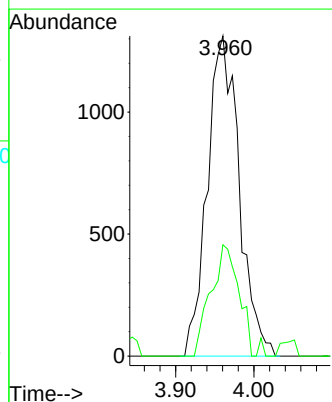
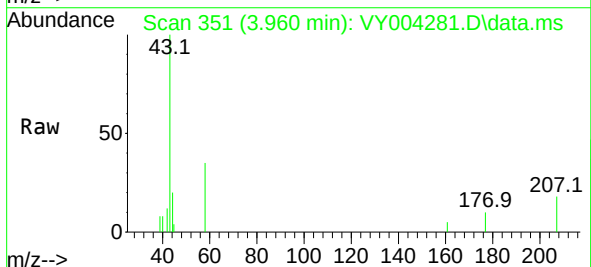
Instrument :
MSVOA_Y
ClientSampled :
TS-3

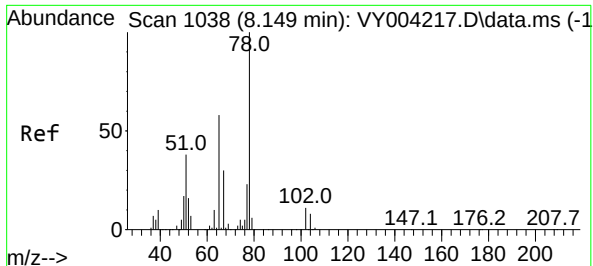
Tgt Ion:168 Resp: 194343
Ion Ratio Lower Upper
168 100
99 55.4 42.6 64.0



#16
Acetone
Concen: 9.52 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004281.D
Acq: 05 Apr 2021 13:57

Tgt Ion: 43 Resp: 3707
Ion Ratio Lower Upper
43 100
58 34.8 24.5 36.7

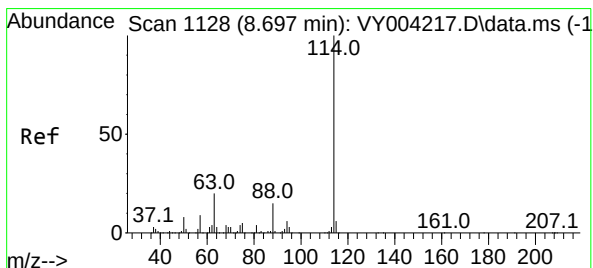
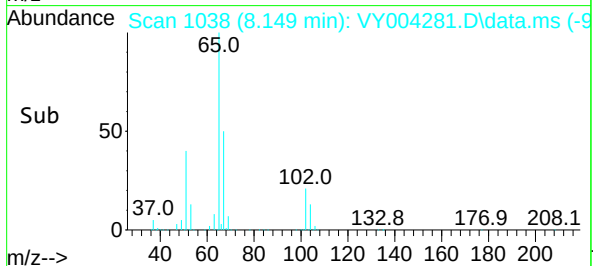
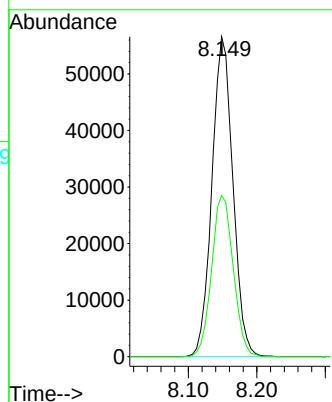
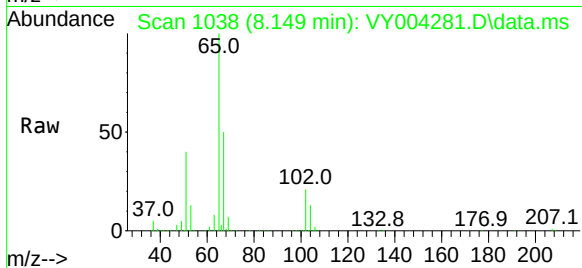




#33
1,2-Dichloroethane-d4
Concen: 64.28 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004281.D
Acq: 05 Apr 2021 13:57

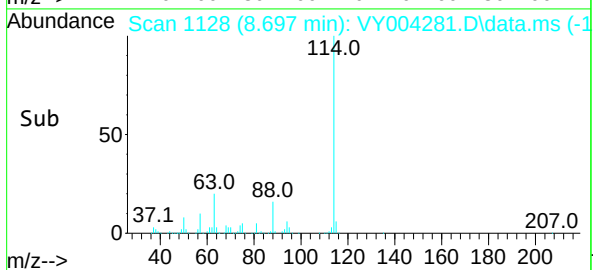
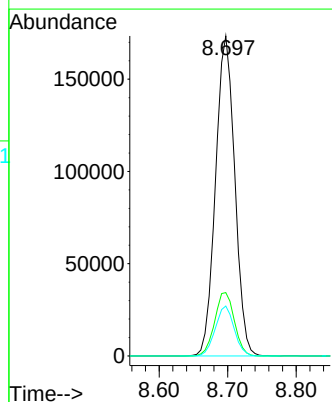
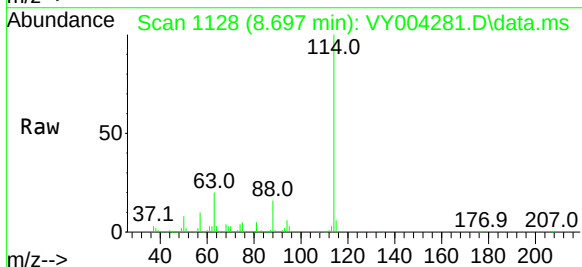
Instrument :
MSVOA_Y
ClientSampled :
TS-3

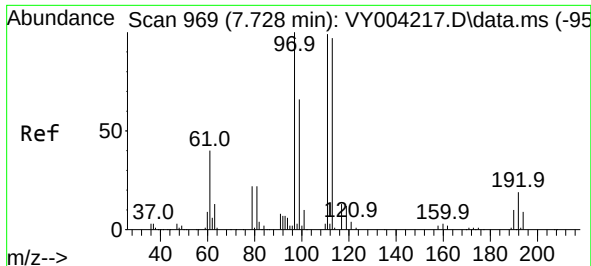
Tgt Ion: 65 Resp: 120082
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004281.D
Acq: 05 Apr 2021 13:57

Tgt Ion: 114 Resp: 337137
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.4
88 15.6 0.0 30.8

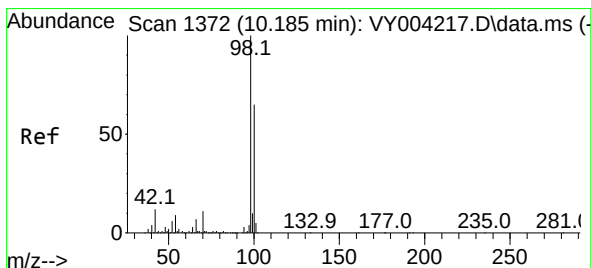
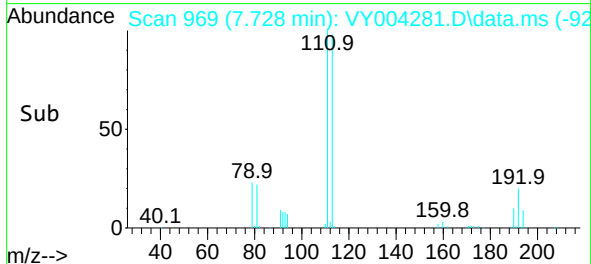
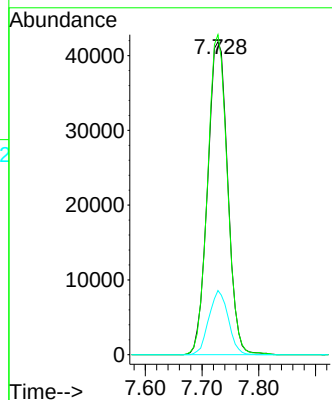
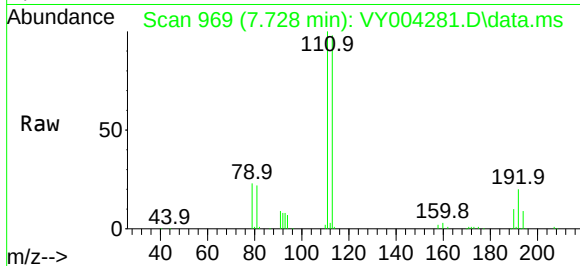




#35
Dibromofluoromethane
Concen: 54.95 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004281.D
Acq: 05 Apr 2021 13:57

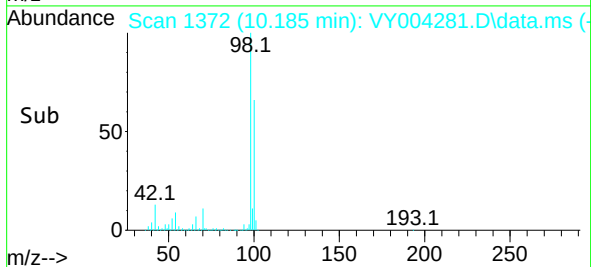
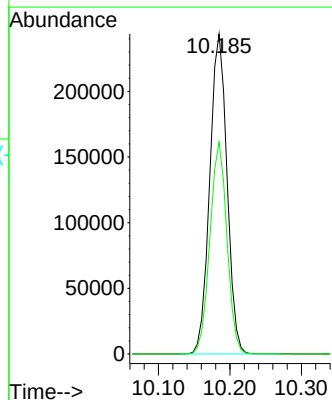
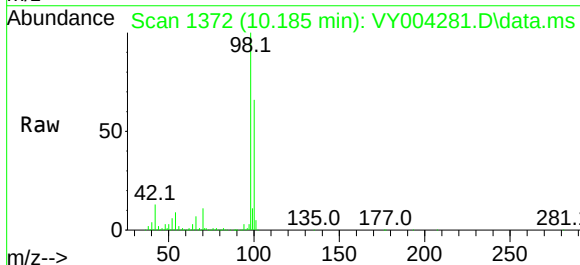
Instrument :
MSVOA_Y
ClientSampleId :
TS-3

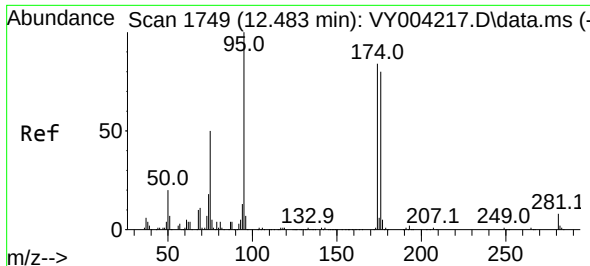
Tgt Ion:113 Resp: 103219
Ion Ratio Lower Upper
113 100
111 100.0 82.6 124.0
192 19.7 16.4 24.6



#50
Toluene-d8
Concen: 57.76 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004281.D
Acq: 05 Apr 2021 13:57

Tgt Ion: 98 Resp: 408118
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

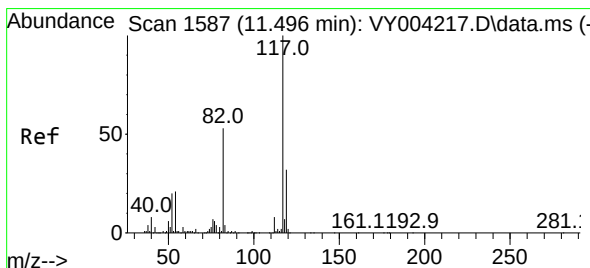
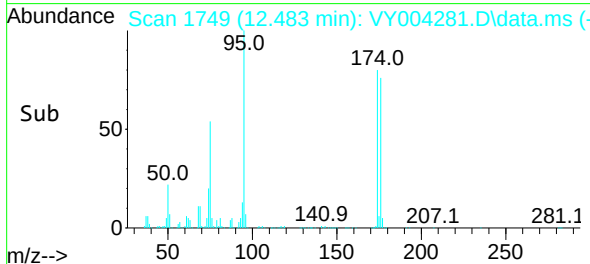
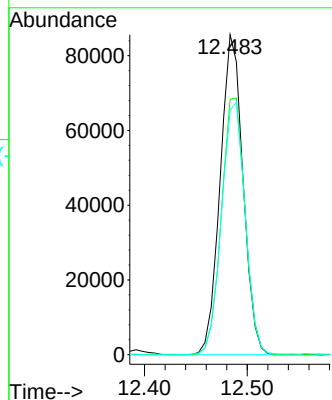
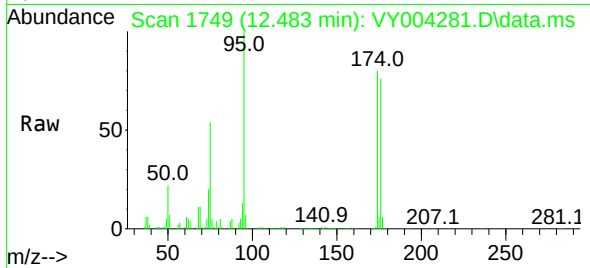




#62
4-Bromofluorobenzene
Concen: 54.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004281.D
Acq: 05 Apr 2021 13:57

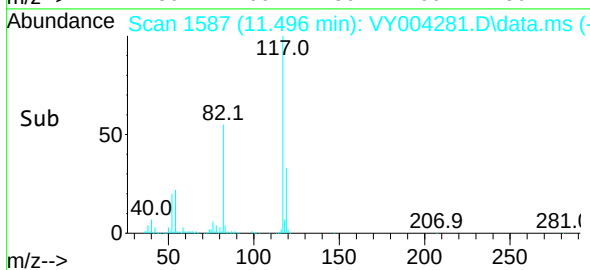
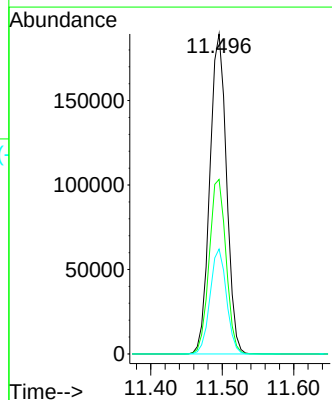
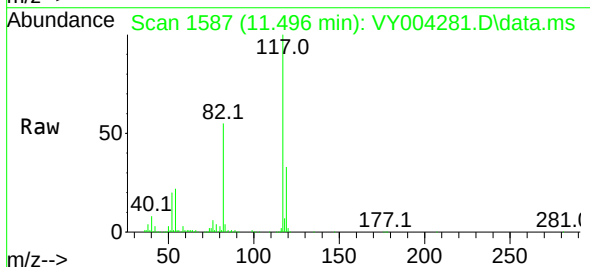
Instrument :
MSVOA_Y
ClientSampled :
TS-3

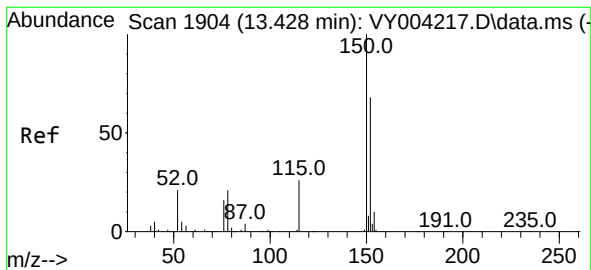
Tgt Ion: 95 Resp: 131613
Ion Ratio Lower Upper
95 100
174 83.3 0.0 171.4
176 81.7 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004281.D
Acq: 05 Apr 2021 13:57

Tgt Ion: 117 Resp: 307050
Ion Ratio Lower Upper
117 100
82 54.5 42.7 64.1
119 32.8 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: VY004281.D
 Acq: 05 Apr 2021 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-3

Tgt Ion:152 Resp: 129706

Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.0	87.1
150	157.0	0.0	347.4

