

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004304.D
 Acq On : 06 Apr 2021 17:32
 Operator : SY/MD
 Sample : M1933-15
 Misc : 4.81g/5mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_05_1-1.5

Quant Time: Apr 07 01:01:07 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)

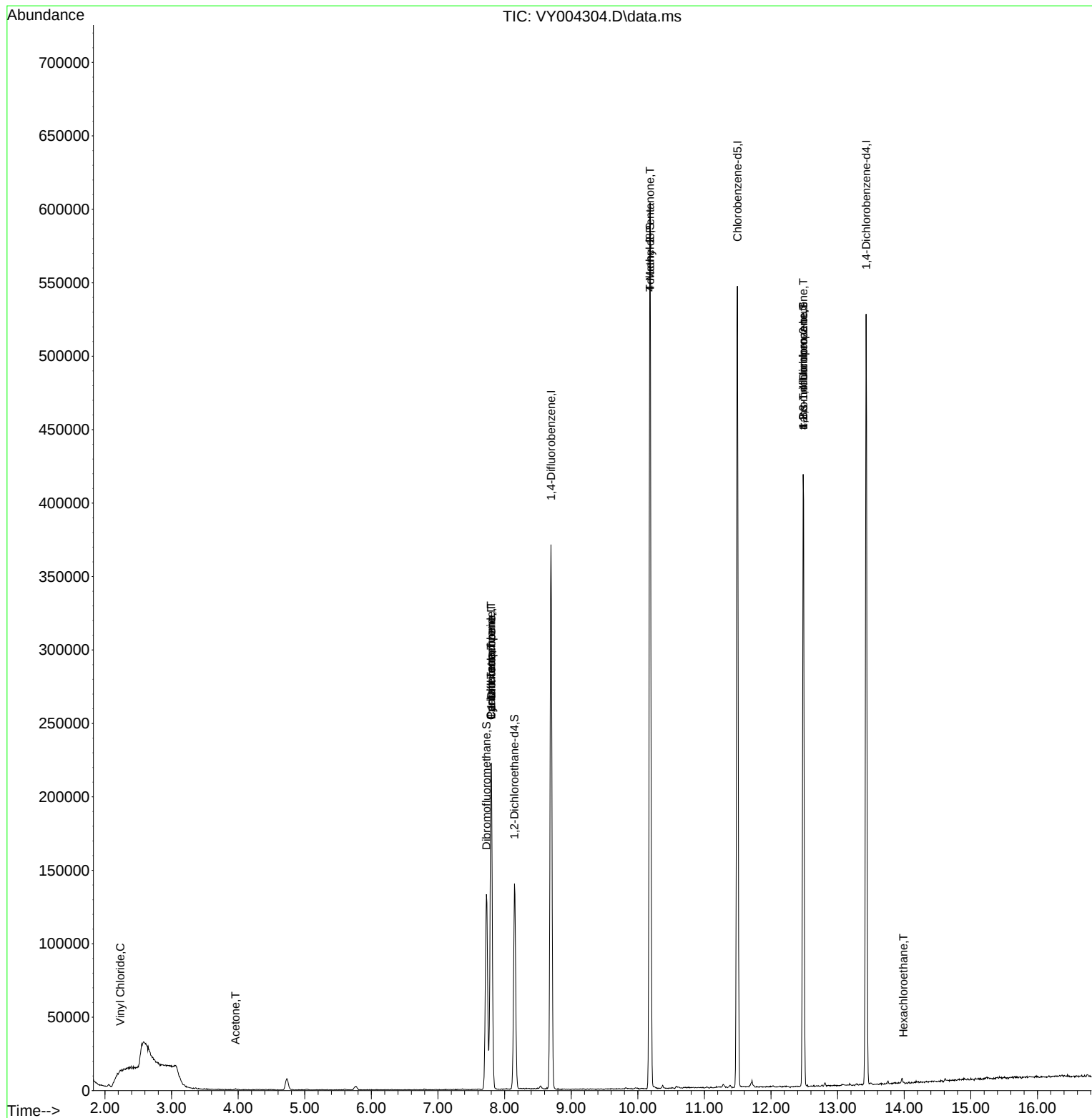
Internal Standards						
1) Pentafluorobenzene	7.801	168	174621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	306134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	285038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106104	63.21	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.42%			
35) Dibromofluoromethane	7.728	113	93285	54.69	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.38%			
50) Toluene-d8	10.185	98	378711	59.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 118.06%			
62) 4-Bromofluorobenzene	12.483	95	125859	57.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.48%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.229	62	8730	3.84	ug/l #	42
16) Acetone	3.960	43	802	2.29	ug/l #	74
31) Cyclohexane	7.795	56	4064	1.37	ug/l #	15
36) 1,1-Dichloropropene	7.801	75	13930	4.98	ug/l #	48
38) Carbon Tetrachloride	7.795	117	17750	7.30	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	2176	1.38	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	68093	58.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68093	107.45	ug/l #	10
90) Hexachloroethane	13.989	117	44	7.33	ug/l #	12

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

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_1-1.5

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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

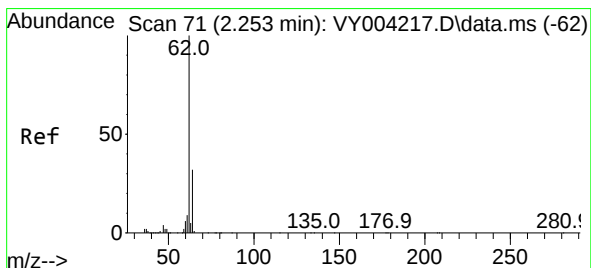
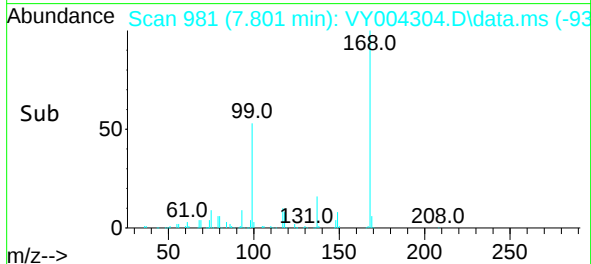
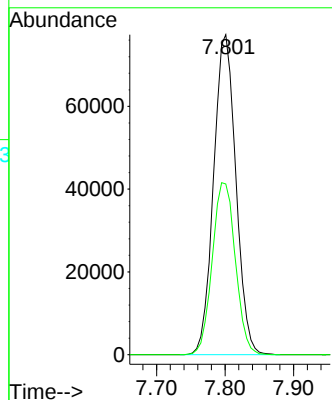
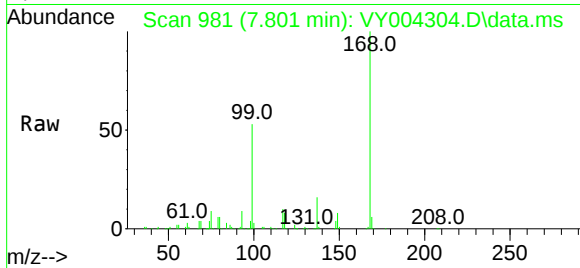




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

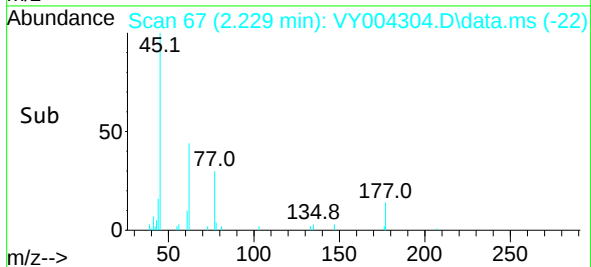
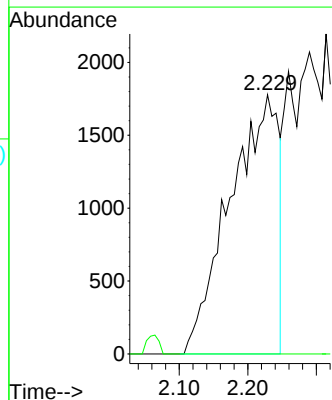
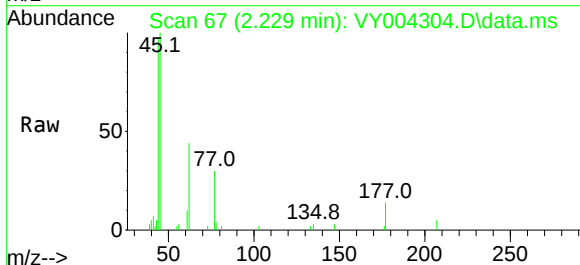
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_1-1.5

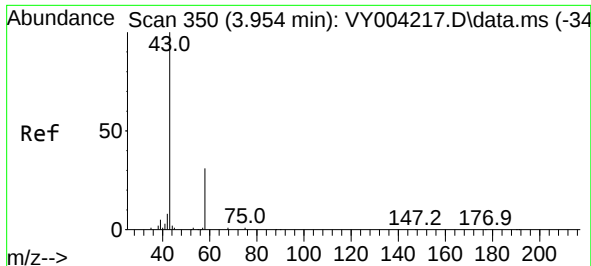
Tgt Ion:168 Resp: 174621
Ion Ratio Lower Upper
168 100
99 53.4 42.6 64.0



#4
Vinyl Chloride
Concen: 3.84 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.025 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

Tgt Ion: 62 Resp: 8730
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

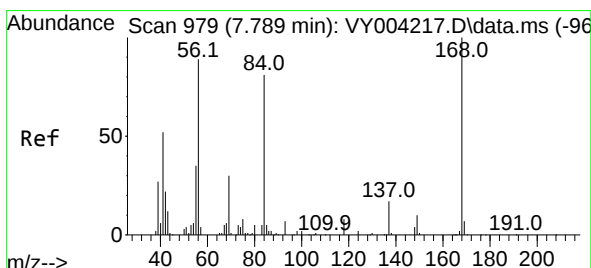
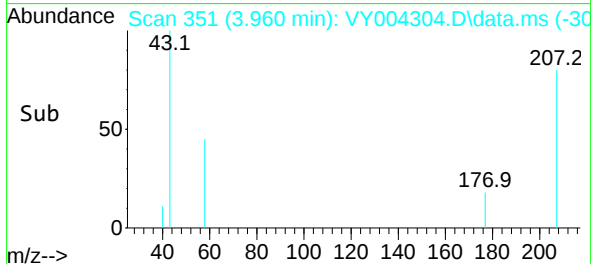
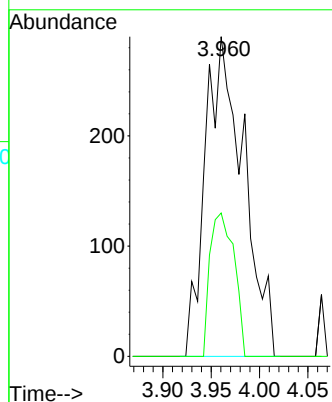
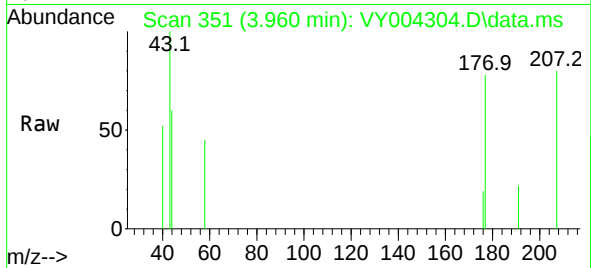




#16
Acetone
Concen: 2.29 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

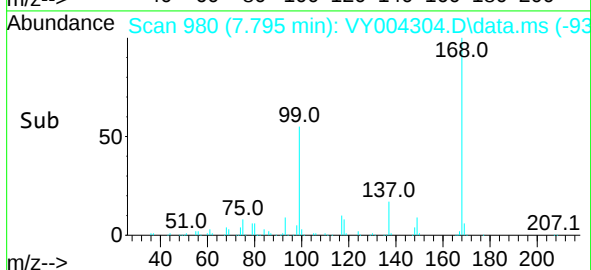
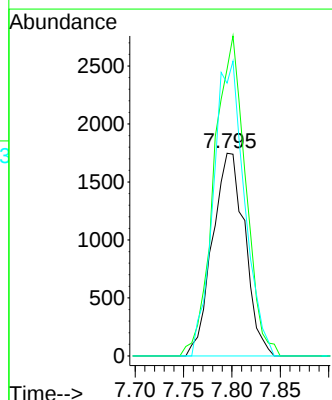
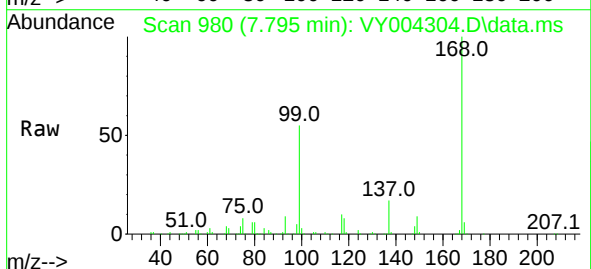
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_1-1.5

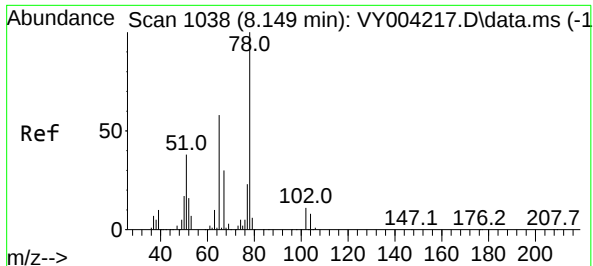
Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 44.8 24.5 36.7#



#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

Tgt Ion: 56 Resp: 4064
Ion Ratio Lower Upper
56 100
69 141.5 26.6 40.0#
84 134.6 72.3 108.5#

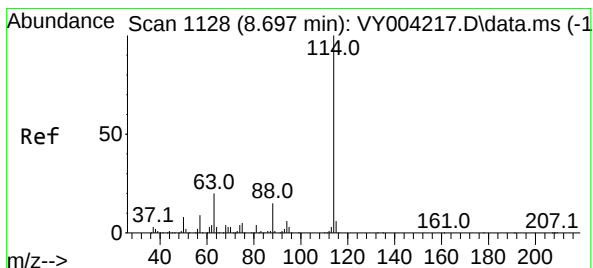
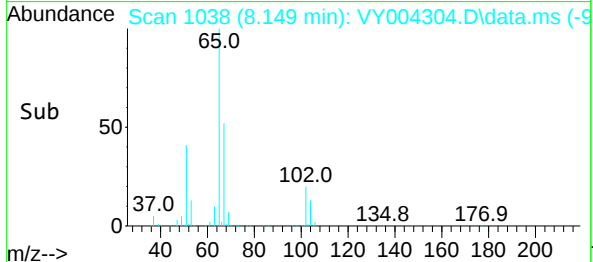
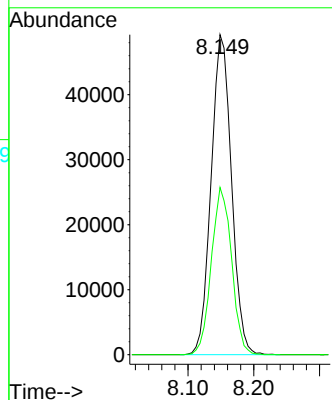
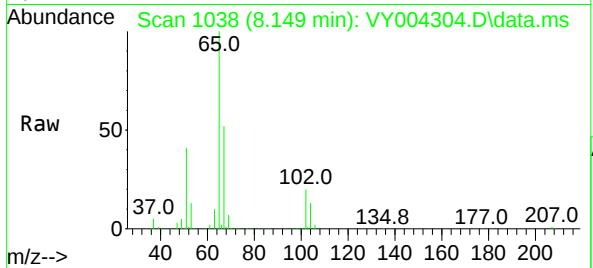




#33
1,2-Dichloroethane-d4
Concen: 63.21 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

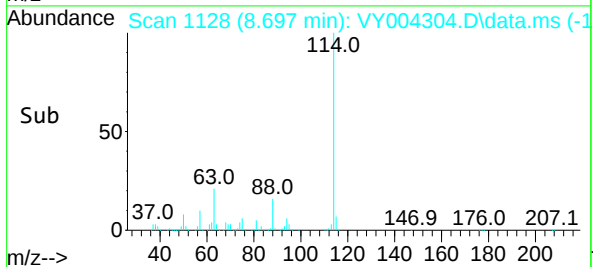
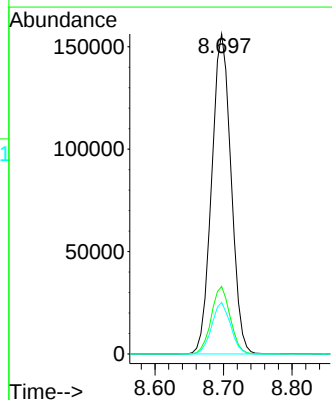
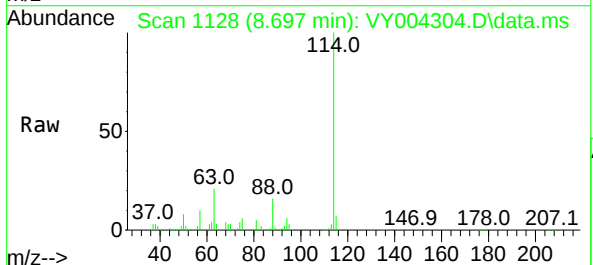
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_1-1.5

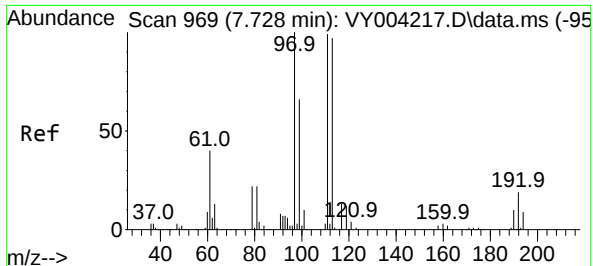
Tgt Ion: 65 Resp: 106104
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

Tgt Ion: 114 Resp: 306134
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.4
88 16.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 54.69 ug/l

RT: 7.728 min Scan# 969

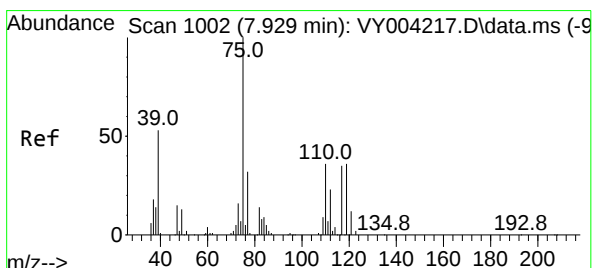
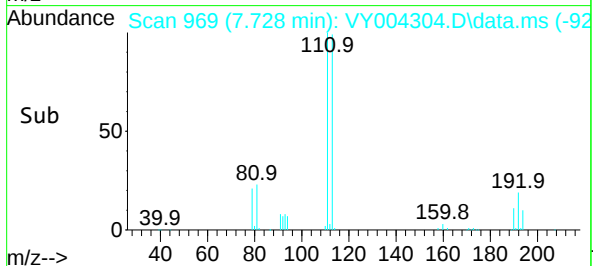
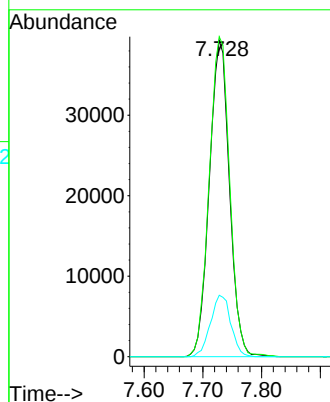
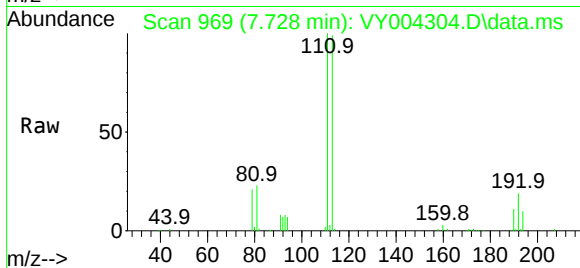
Delta R.T. -0.000 min

Lab File: VY004304.D

Acq: 06 Apr 2021 17:32

Tgt Ion:	113	Resp:	93285
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	19.7	16.4	24.6

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_1-1.5



#36

1,1-Dichloropropene

Concen: 4.98 ug/l

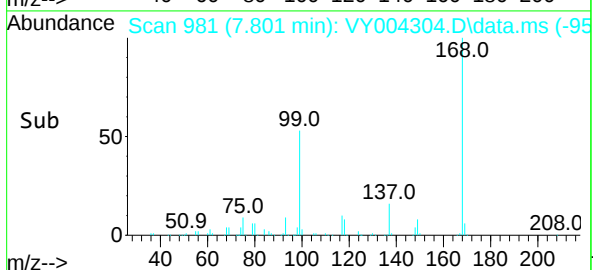
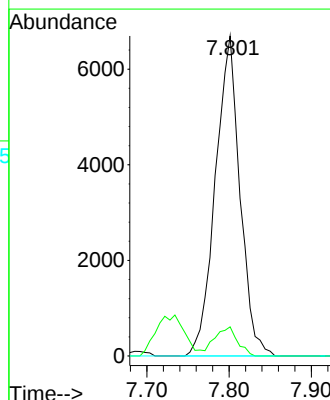
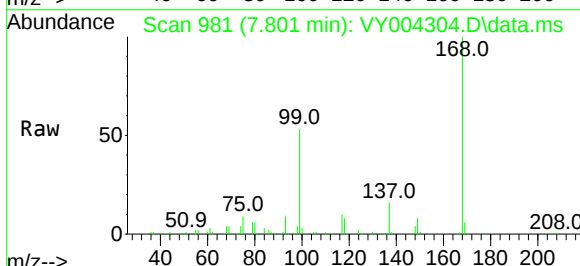
RT: 7.801 min Scan# 981

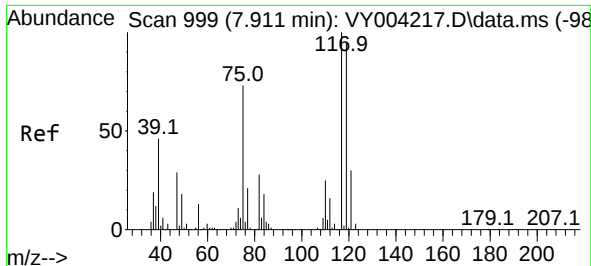
Delta R.T. -0.128 min

Lab File: VY004304.D

Acq: 06 Apr 2021 17:32

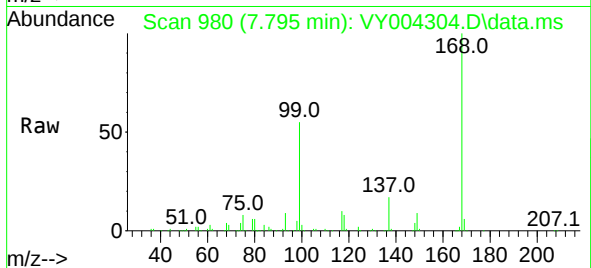
Tgt Ion:	75	Resp:	13930
Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.3#
77	0.0	25.1	37.7#



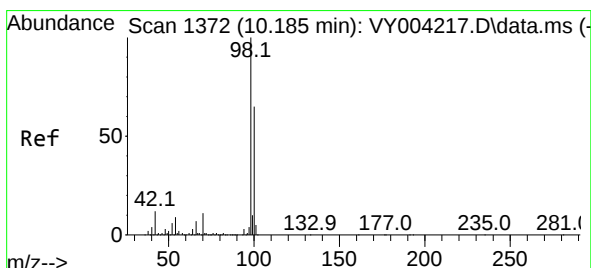
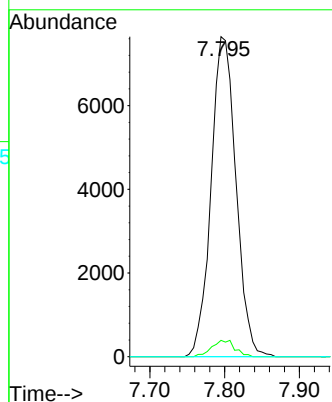
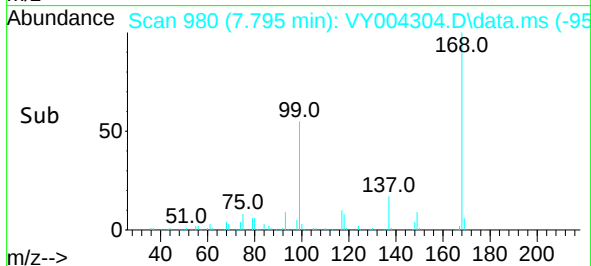


#38
Carbon Tetrachloride
Concen: 7.30 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

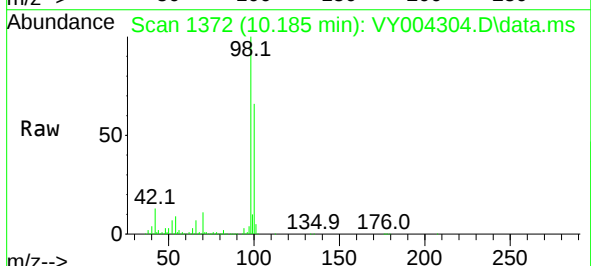
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_1-1.5



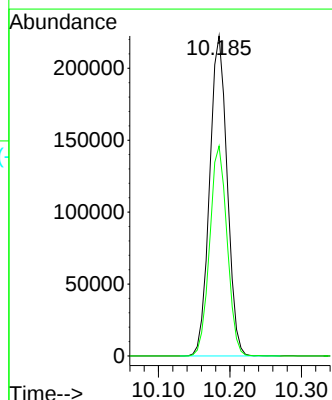
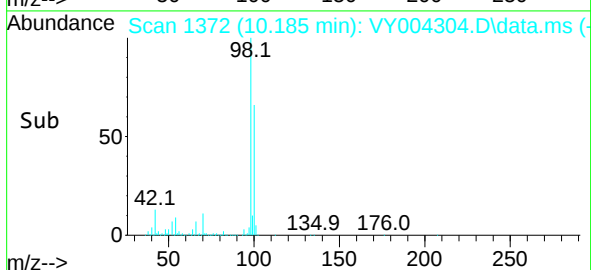
Tgt Ion: 117 Resp: 17750
Ion Ratio Lower Upper
117 100
119 5.1 75.6 113.4#
121 0.0 24.3 36.5#

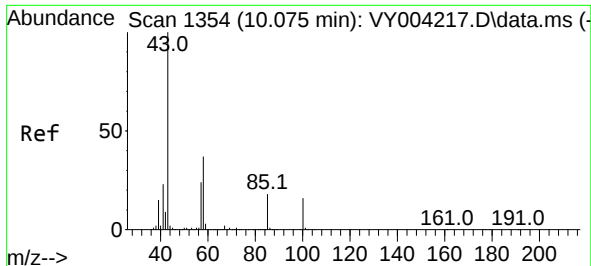


#50
Toluene-d8
Concen: 59.03 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32



Tgt Ion: 98 Resp: 378711
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

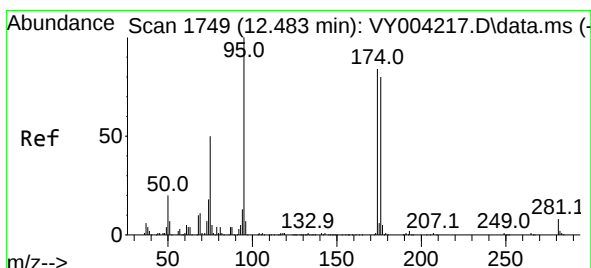
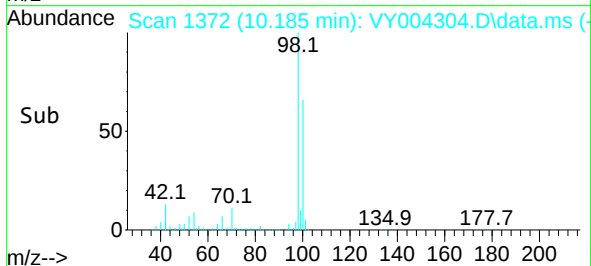
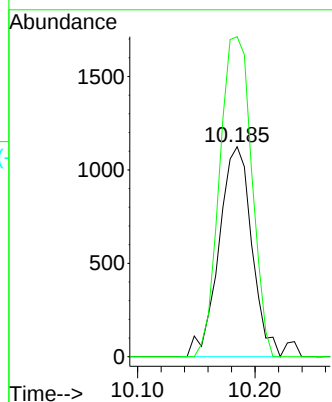
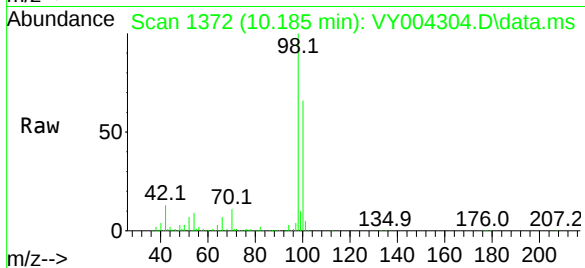




#51
4-Methyl-2-Pentanone
Concen: 1.38 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

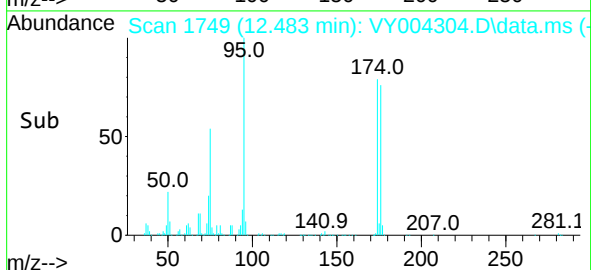
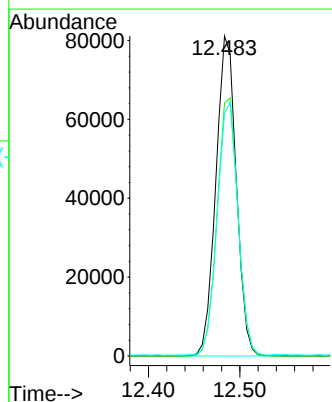
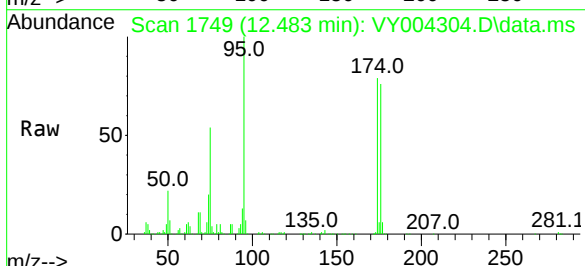
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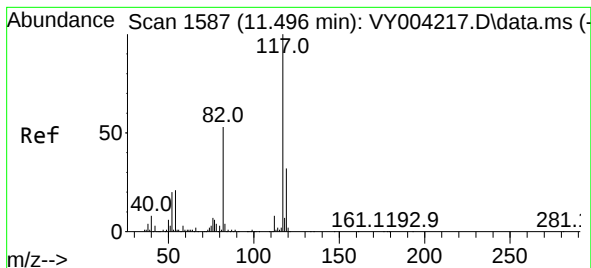
Tgt Ion: 43 Resp: 2176
Ion Ratio Lower Upper
43 100
58 149.7 30.6 45.8#



#62
4-Bromofluorobenzene
Concen: 57.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

Tgt Ion: 95 Resp: 125859
Ion Ratio Lower Upper
95 100
174 82.6 0.0 171.4
176 80.1 0.0 165.6

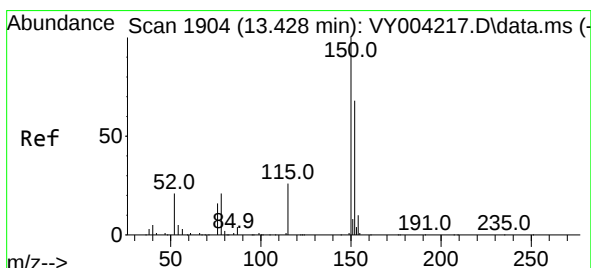
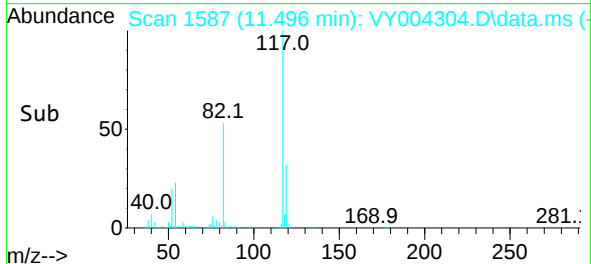
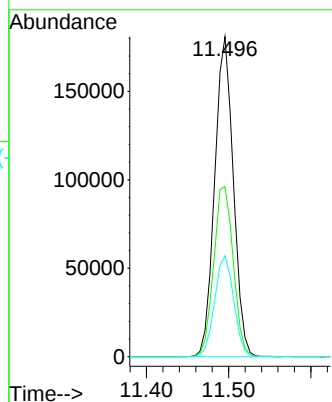
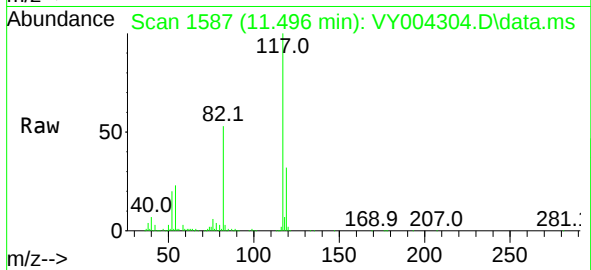




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

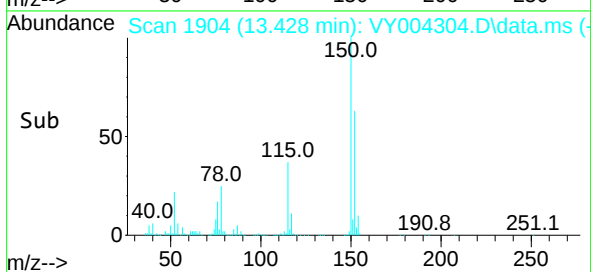
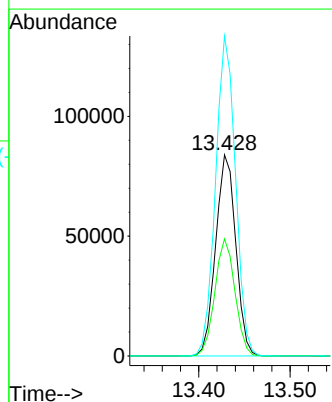
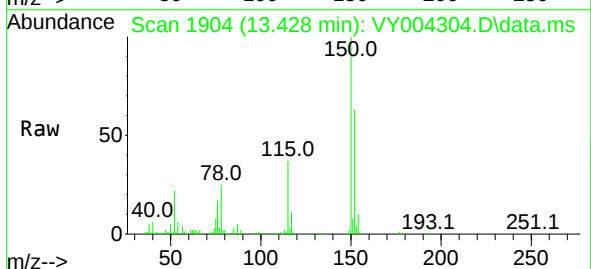
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_1-1.5

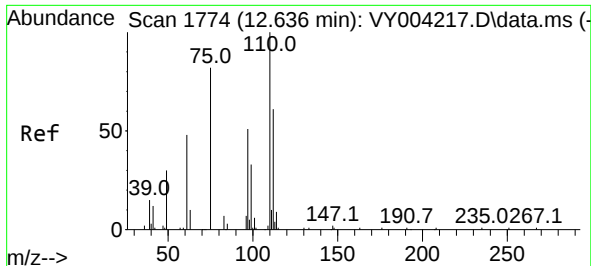
Tgt Ion:117 Resp: 285038
Ion Ratio Lower Upper
117 100
82 53.1 42.7 64.1
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

Tgt Ion:152 Resp: 128621
Ion Ratio Lower Upper
152 100
115 57.9 29.0 87.1
150 157.5 0.0 347.4

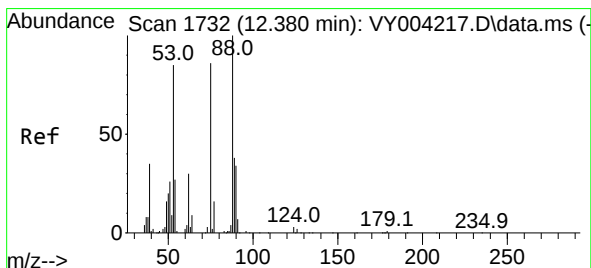
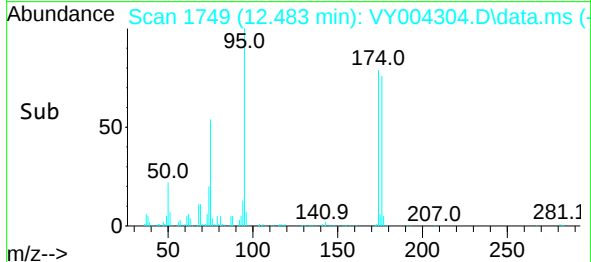
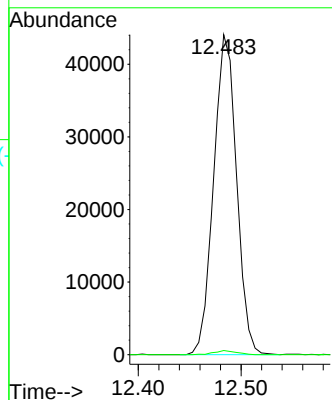
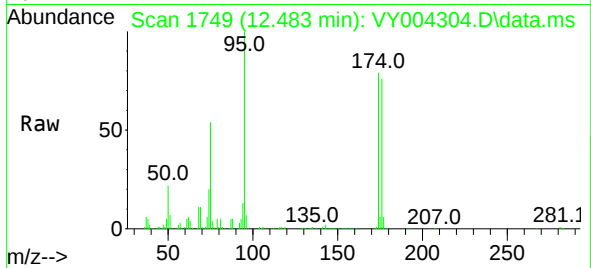




#76
1,2,3-Trichloropropane
Concen: 58.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

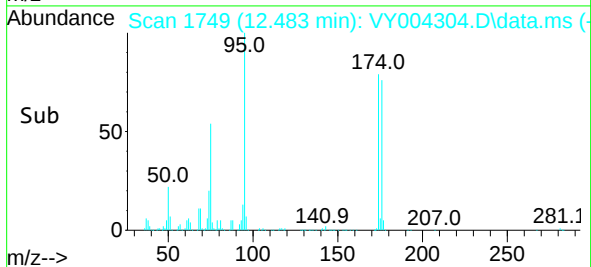
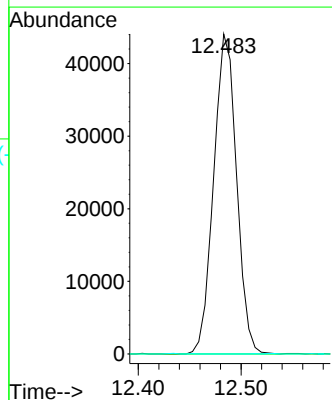
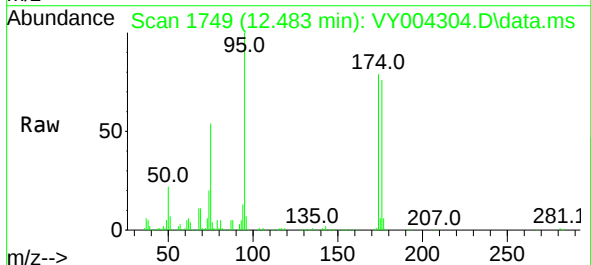
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_1-1.5

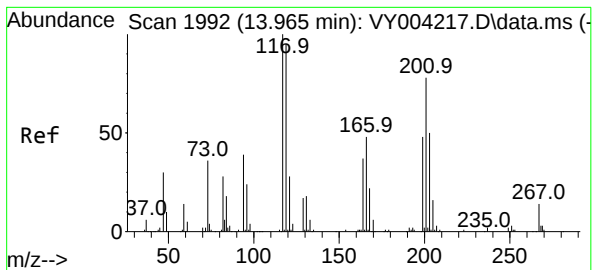
Tgt Ion: 75 Resp: 68093
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

Tgt Ion: 75 Resp: 68093
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.0 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.33 ug/l
 RT: 13.989 min Scan# 1996
 Delta R.T. 0.024 min
 Lab File: VY004304.D
 Acq: 06 Apr 2021 17:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_05_1-1.5

Tgt Ion:117 Resp: 44
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

