

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004297.D
 Acq On : 06 Apr 2021 14:49
 Operator : SY/MD
 Sample : M1933-03
 Misc : 5.09g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_01_1-1.5

Quant Time: Apr 07 00:59:11 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	139484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	230088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	194675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73651	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77865	58.07	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.14%
35) Dibromofluoromethane	7.728	113	69660	54.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.68%
50) Toluene-d8	10.185	98	279368	57.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.88%
62) 4-Bromofluorobenzene	12.483	95	80555	48.74	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.48%

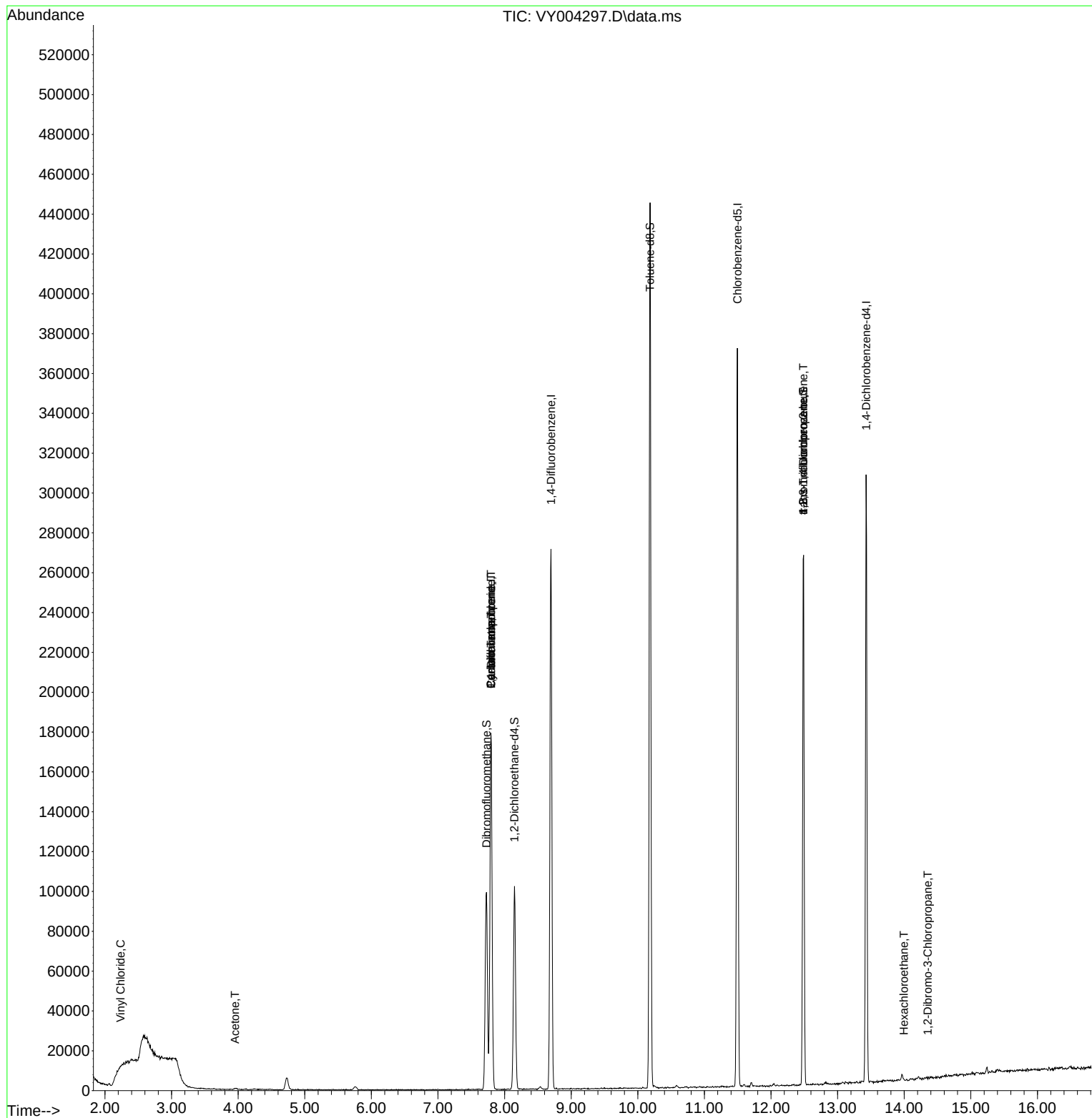
Target Compounds						Qvalue
4) Vinyl Chloride	2.235	62	8231	4.53	ug/l #	42
16) Acetone	3.954	43	983	3.52	ug/l #	89
31) Cyclohexane	7.795	56	3087	1.30	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11060	5.27	ug/l #	49
38) Carbon Tetrachloride	7.795	117	13715	7.51	ug/l #	16
49) 1,4-Dioxane	9.295	88	42	Below	Cal #	42
76) 1,2,3-Trichloropropane	12.483	75	43823	65.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43823	120.77	ug/l #	10
90) Hexachloroethane	13.995	117	19	7.32	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.355	75	195	1.05	ug/l #	1

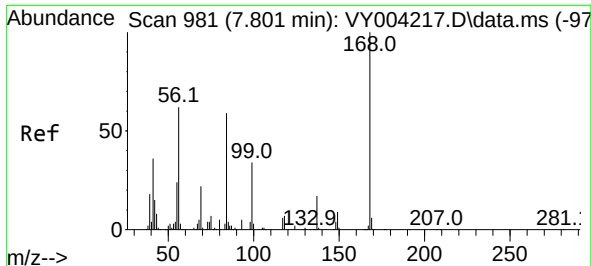
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

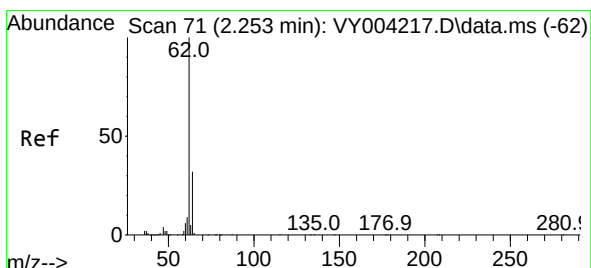
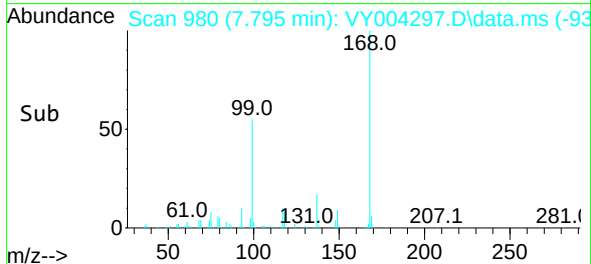
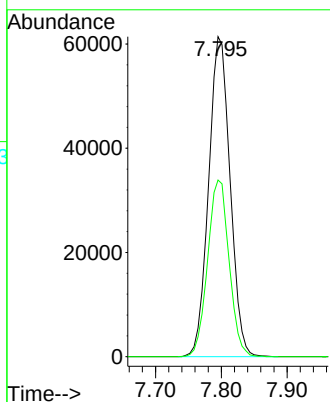
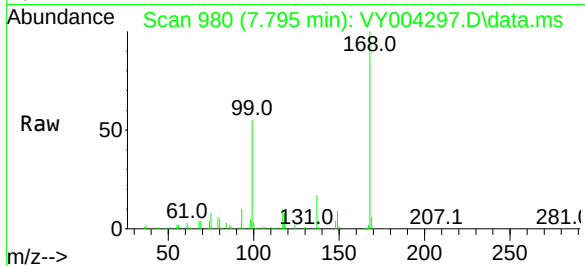




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

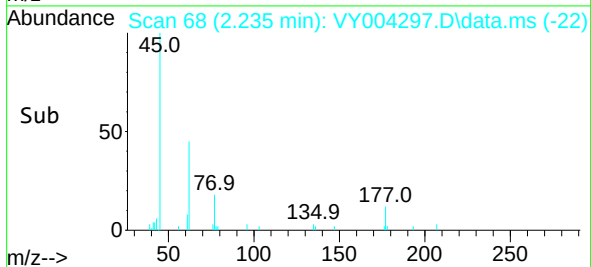
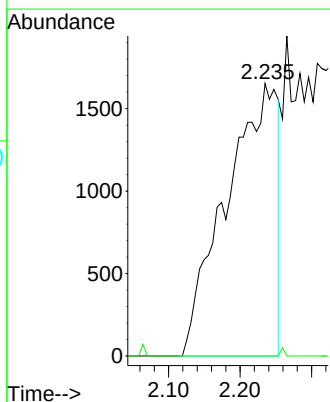
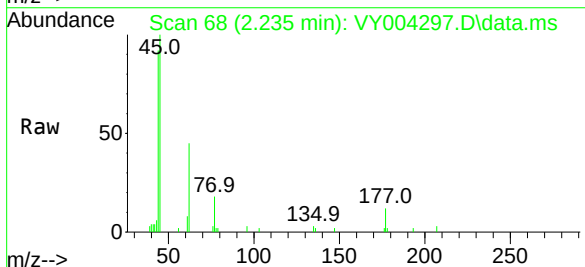
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_1-1.5

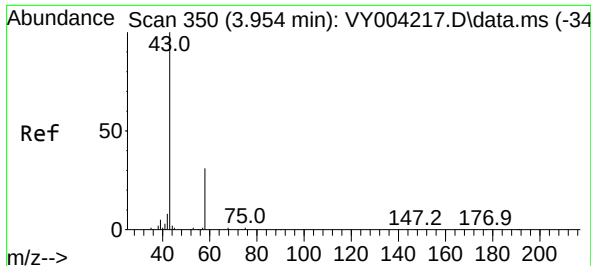
Tgt Ion:168 Resp: 139484
Ion Ratio Lower Upper
168 100
99 55.2 42.6 64.0



#4
Vinyl Chloride
Concen: 4.53 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.018 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

Tgt Ion: 62 Resp: 8231
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

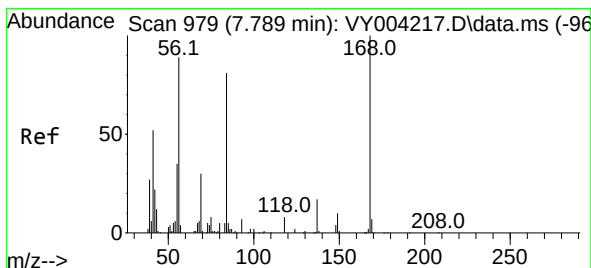
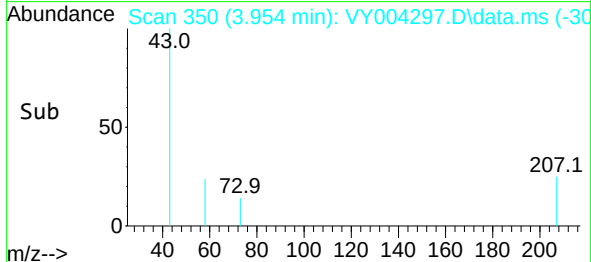
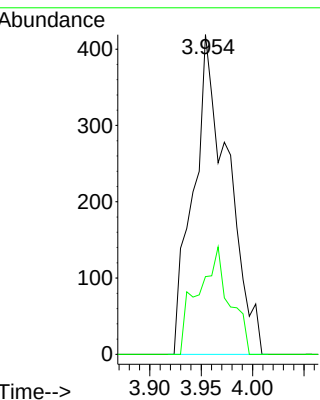
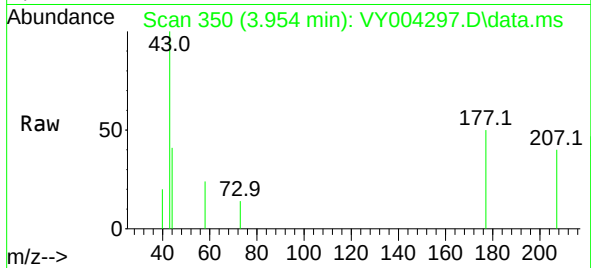




#16
Acetone
Concen: 3.52 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

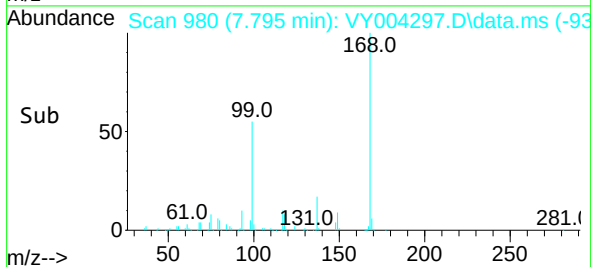
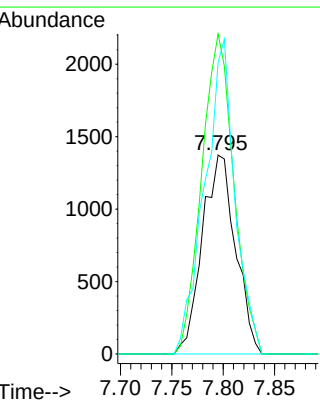
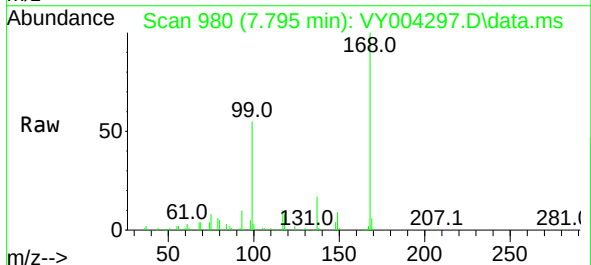
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_1-1.5

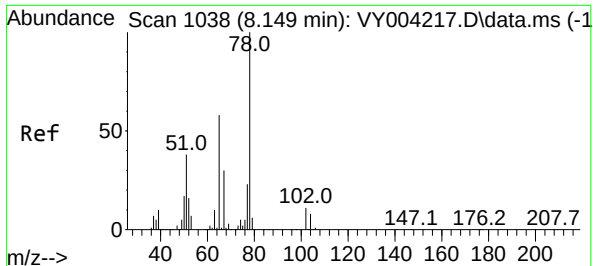
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 24.3 24.5 36.7#



#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

Tgt Ion: 56 Resp: 3087
Ion Ratio Lower Upper
56 100
69 160.9 26.6 40.0#
84 146.7 72.3 108.5#

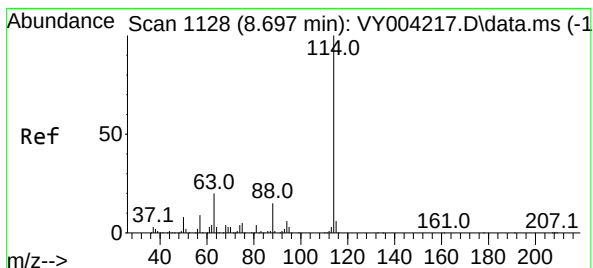
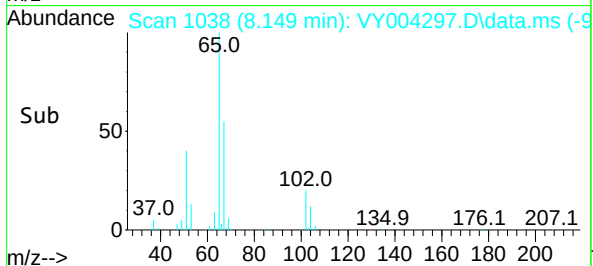
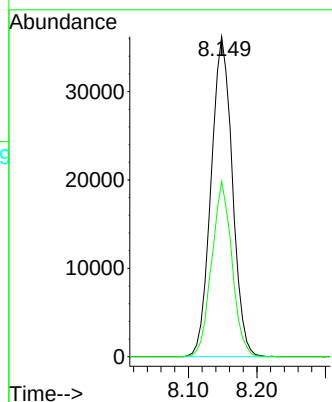
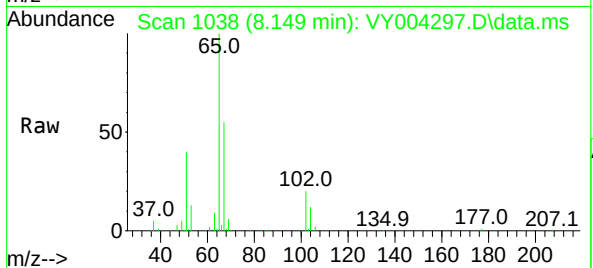




#33
1,2-Dichloroethane-d4
Concen: 58.07 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

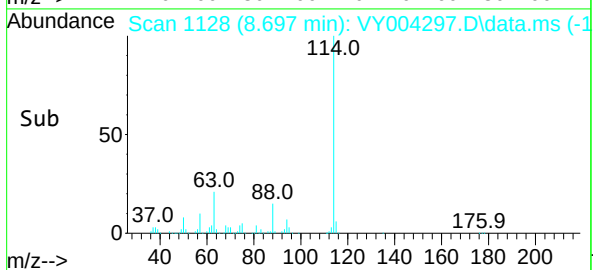
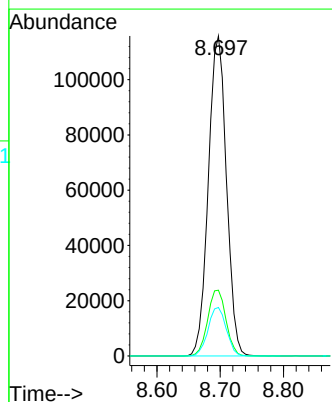
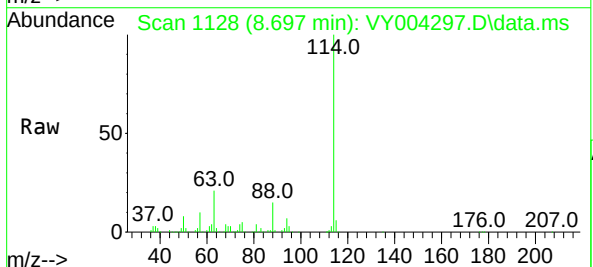
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_1-1.5

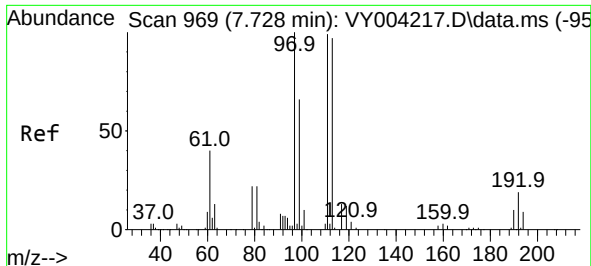
Tgt Ion: 65 Resp: 77865
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

Tgt Ion: 114 Resp: 230088
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.4
88 15.2 0.0 30.8

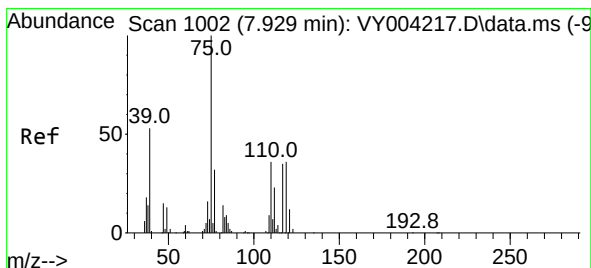
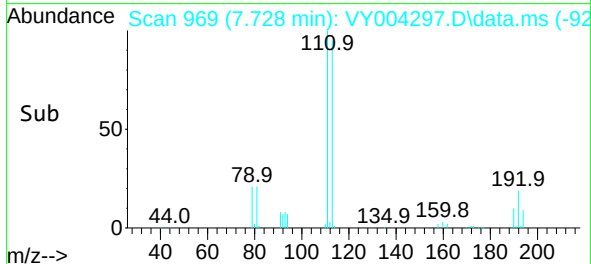
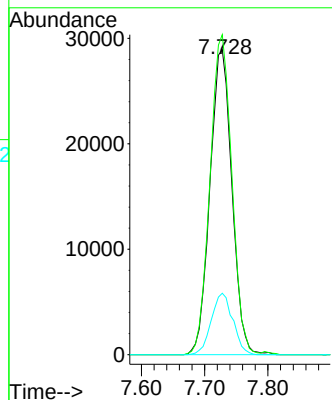
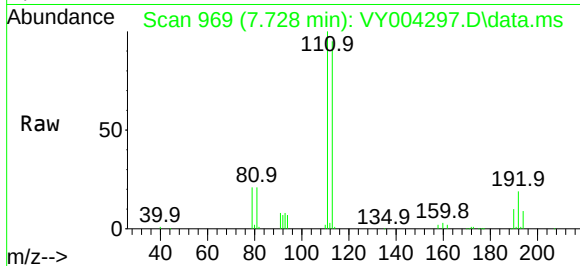




#35
Dibromofluoromethane
Concen: 54.34 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

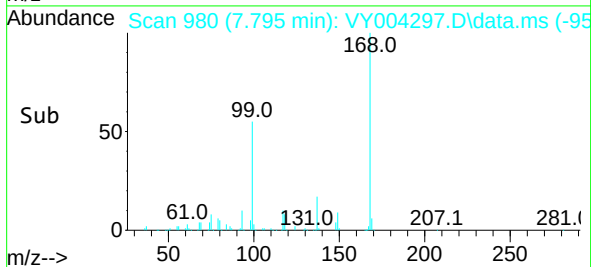
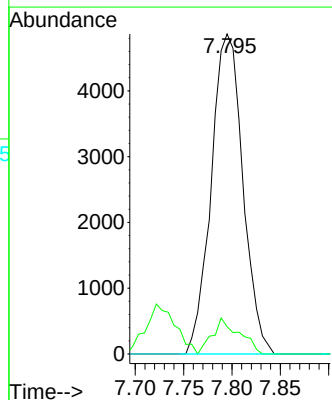
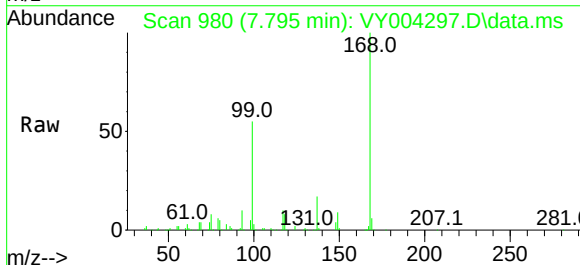
Instrument :
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ClientSampleId :
BENNETT_BH_01_1-1.5

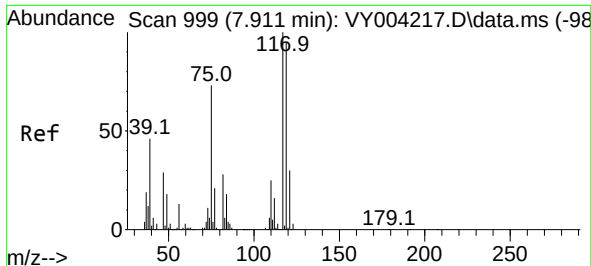
Tgt Ion:	113	Resp:	69660
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	124.0
192	19.8	16.4	24.6



#36
1,1-Dichloropropene
Concen: 5.27 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

Tgt Ion:	75	Resp:	11060
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.3#
77	0.0	25.1	37.7#

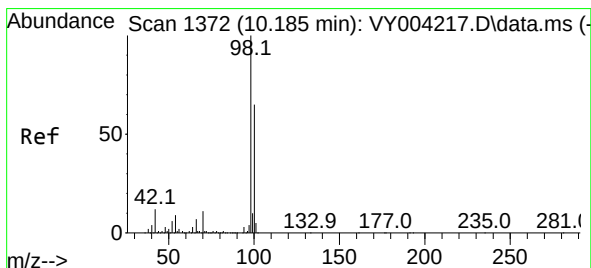
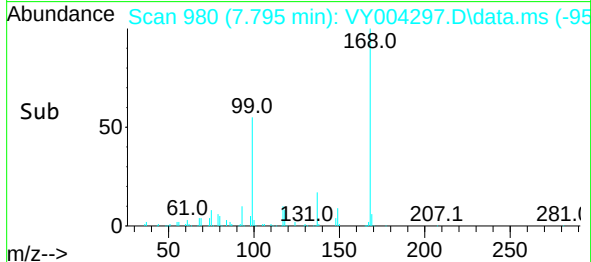
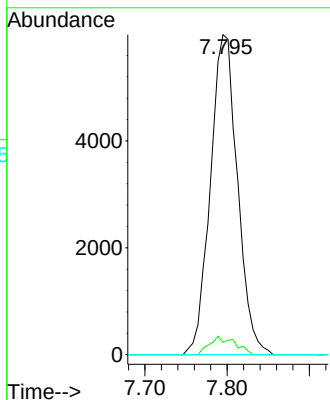
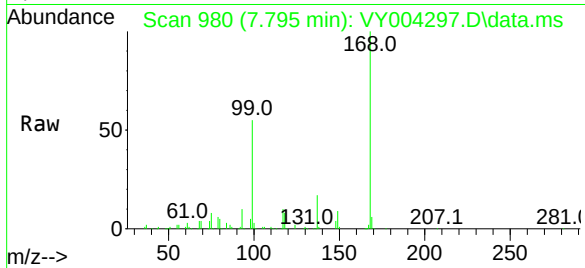




#38
Carbon Tetrachloride
Concen: 7.51 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

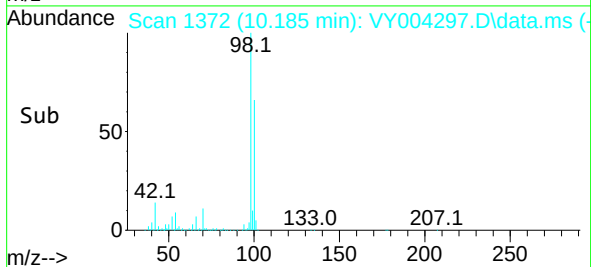
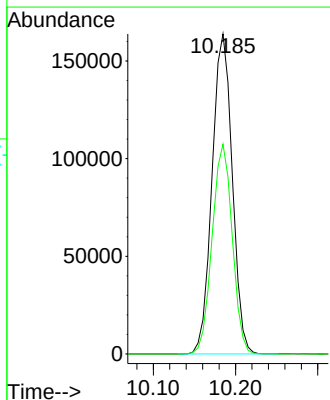
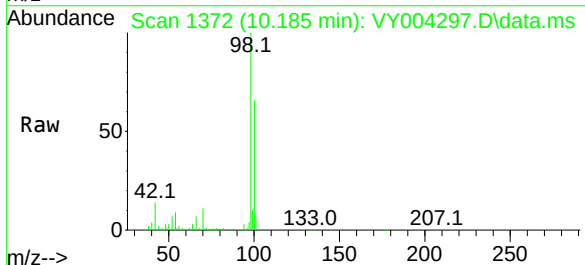
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BENNETT_BH_01_1-1.5

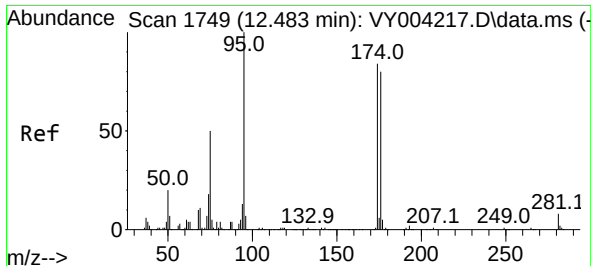
Tgt Ion:117 Resp: 13715
Ion Ratio Lower Upper
117 100
119 3.9 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 57.94 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

Tgt Ion: 98 Resp: 279368
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

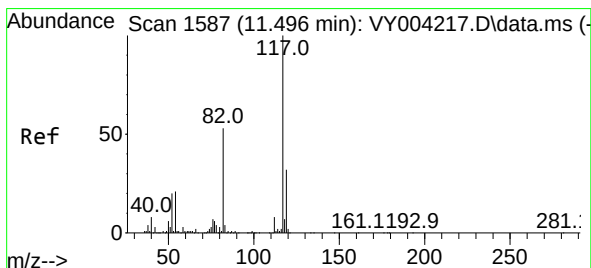
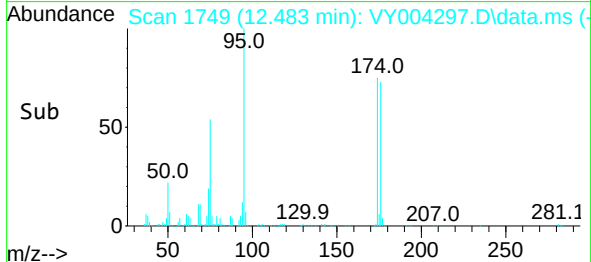
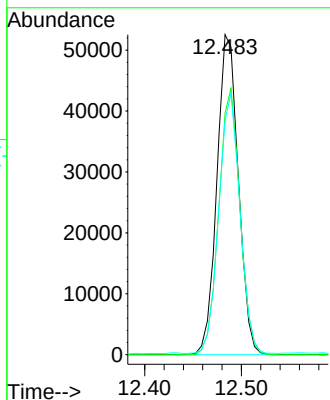
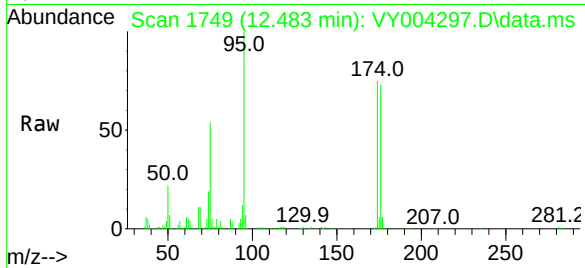




#62
4-Bromofluorobenzene
Concen: 48.74 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

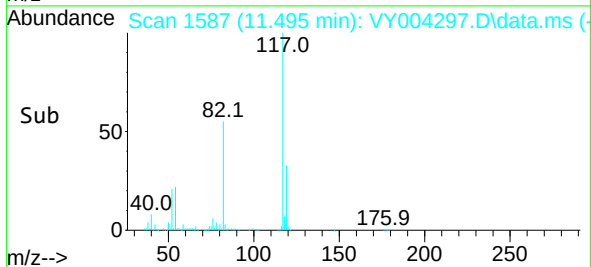
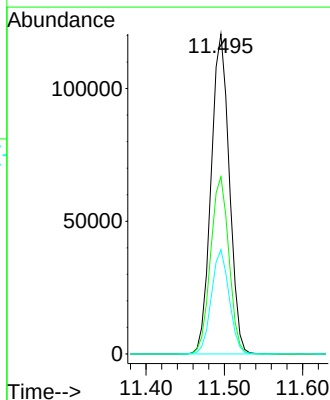
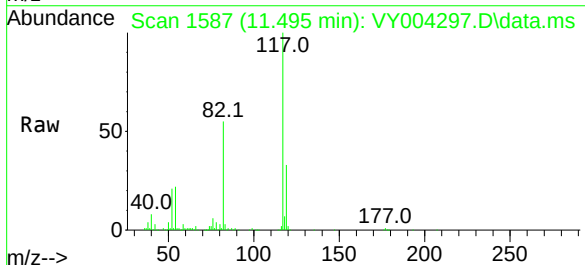
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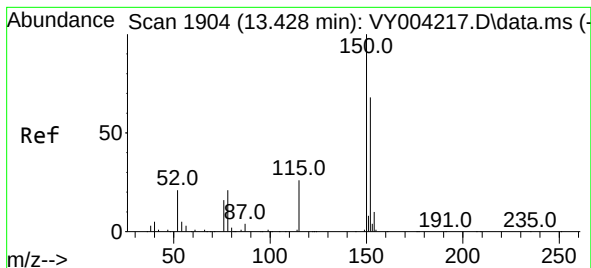
Tgt Ion: 95 Resp: 80555
Ion Ratio Lower Upper
95 100
174 82.0 0.0 171.4
176 80.3 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

Tgt Ion: 117 Resp: 194675
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 32.6 25.7 38.5

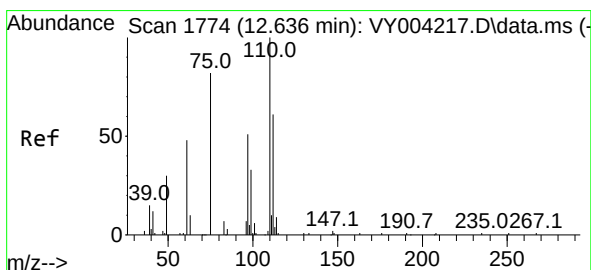
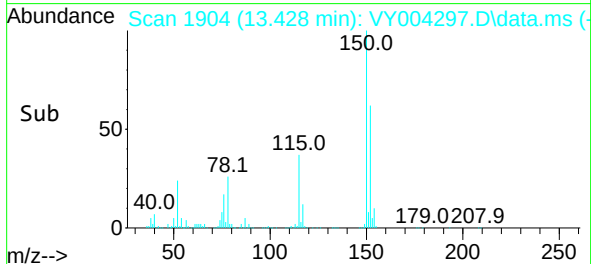
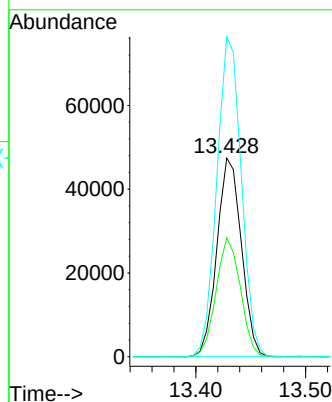
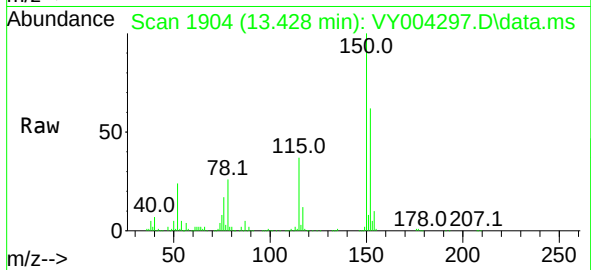




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004297.D
 Acq: 06 Apr 2021 14:49

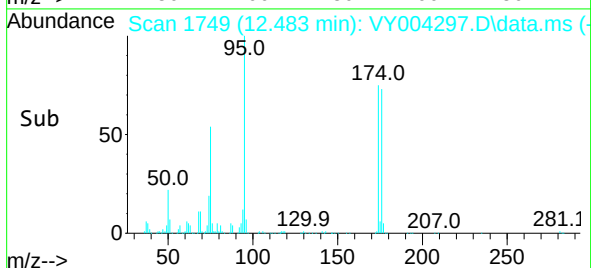
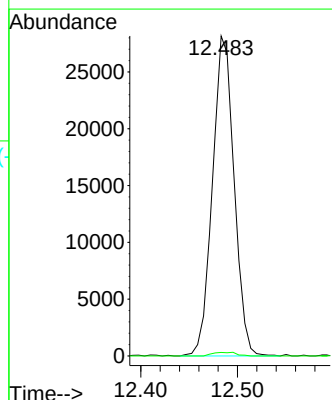
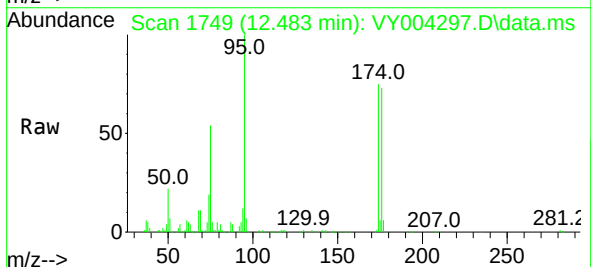
Instrument :
 MSVOA_Y
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 BENNETT_BH_01_1-1.5

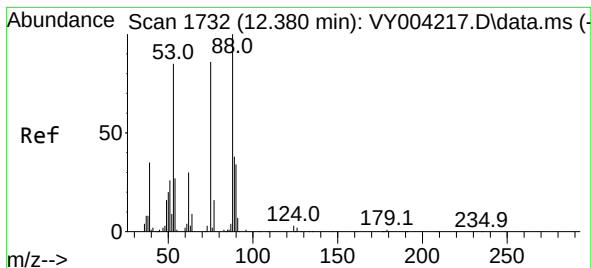
Tgt Ion:152 Resp: 73651
 Ion Ratio Lower Upper
 152 100
 115 59.4 29.0 87.1
 150 161.2 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 65.53 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004297.D
 Acq: 06 Apr 2021 14:49

Tgt Ion: 75 Resp: 43823
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

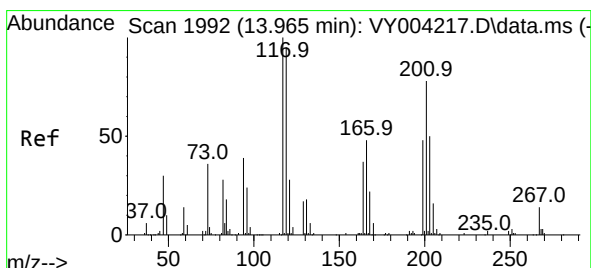
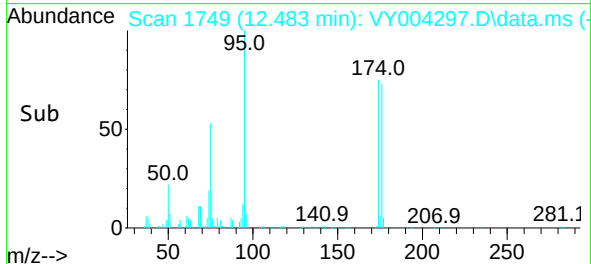
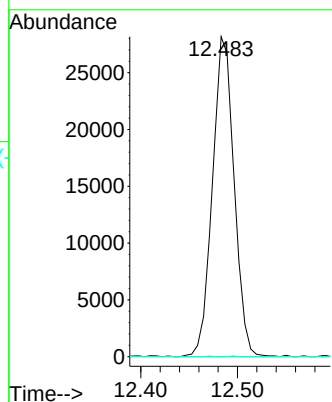
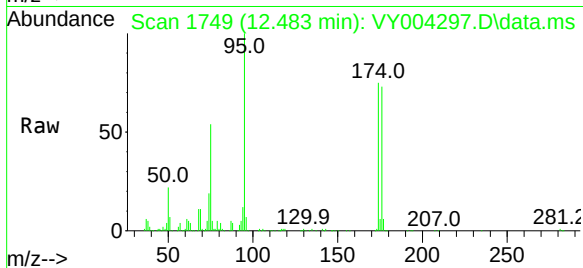




#81
trans-1,4-Dichloro-2-butene
Concen: 120.77 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

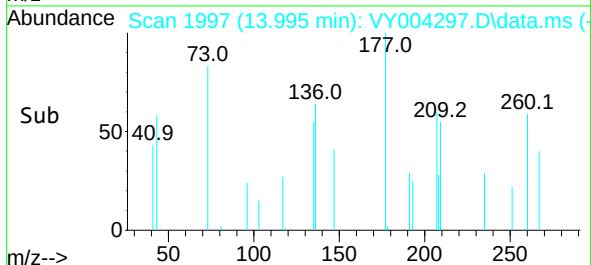
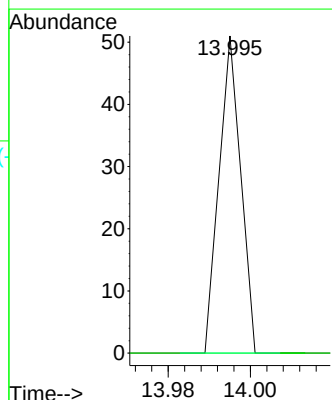
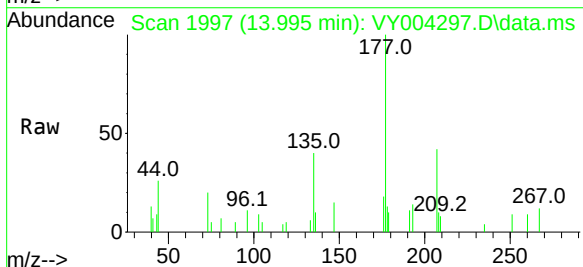
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_1-1.5

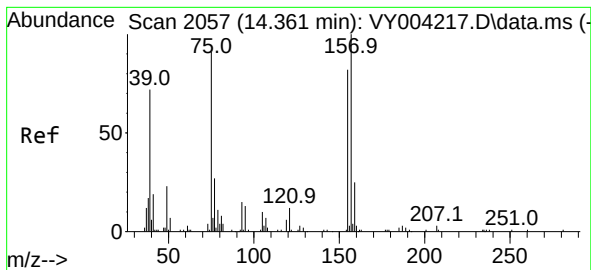
Tgt Ion: 75 Resp: 43823
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.1 39.4 59.2#



#90
Hexachloroethane
Concen: 7.32 ug/l
RT: 13.995 min Scan# 1997
Delta R.T. 0.030 min
Lab File: VY004297.D
Acq: 06 Apr 2021 14:49

Tgt Ion: 117 Resp: 19
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.05 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.006 min
 Lab File: VY004297.D
 Acq: 06 Apr 2021 14:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_01_1-1.5

Tgt Ion: 75 Resp: 195
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.3 138.8#
 157 0.0 58.3 174.9#

