

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004303.D
 Acq On : 06 Apr 2021 17:09
 Operator : SY/MD
 Sample : M1933-05
 Misc : 4.94g/5mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_01_2-2.5

Quant Time: Apr 07 01:00:51 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	173250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	300273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	286088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129139	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	106878	64.17	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.34%
35) Dibromofluoromethane	7.728	113	91681	54.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.60%
50) Toluene-d8	10.185	98	369273	58.68	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.36%
62) 4-Bromofluorobenzene	12.483	95	124190	57.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.16%

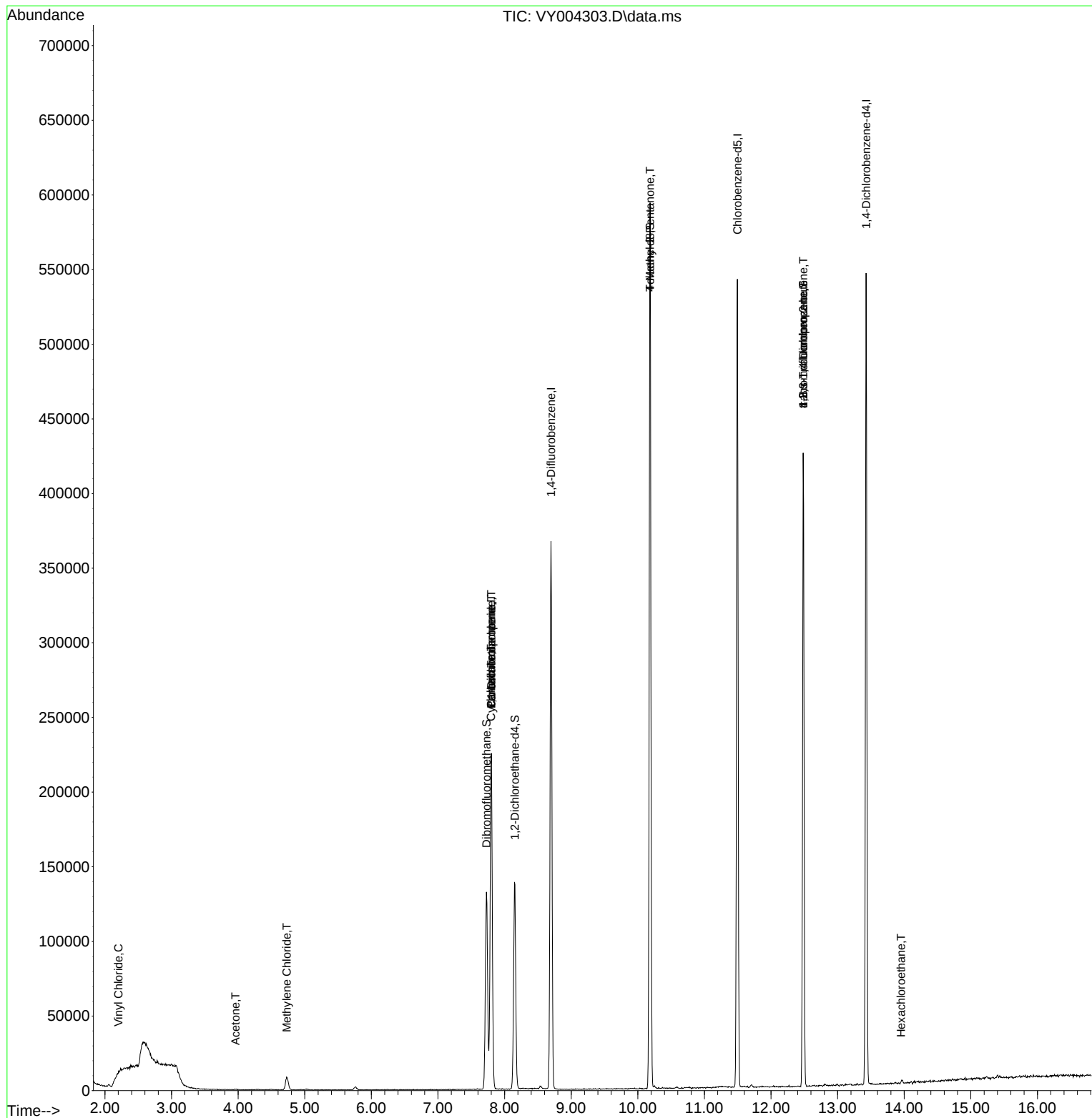
Target Compounds						Qvalue
4) Vinyl Chloride	2.204	62	6277	2.78	ug/l #	42
16) Acetone	3.960	43	586	1.69	ug/l	96
20) Methylene Chloride	4.728	84	6229	1.20	ug/l	95
31) Cyclohexane	7.795	56	4081	1.39	ug/l #	16
36) 1,1-Dichloropropene	7.801	75	14028	5.12	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17468	7.33	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1930	1.24	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	68260	58.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68260	107.28	ug/l #	10
90) Hexachloroethane	13.952	117	26	7.31	ug/l #	12

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

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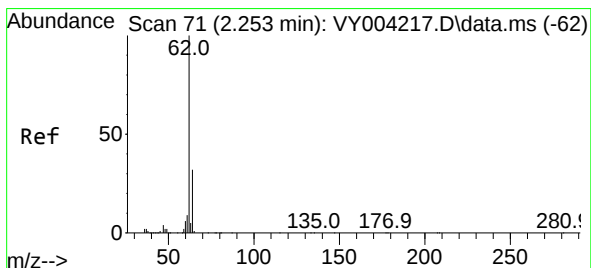
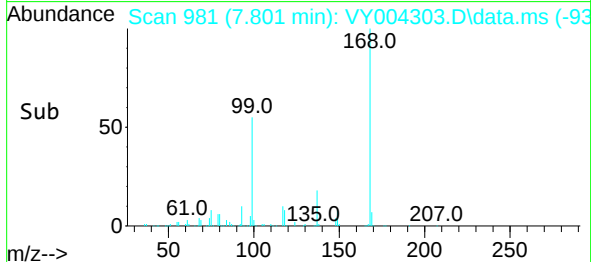
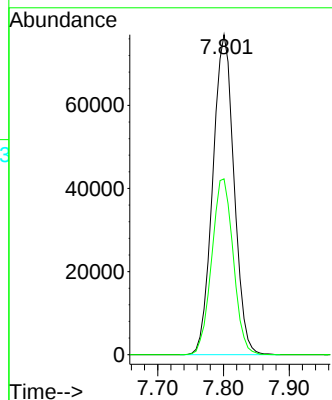
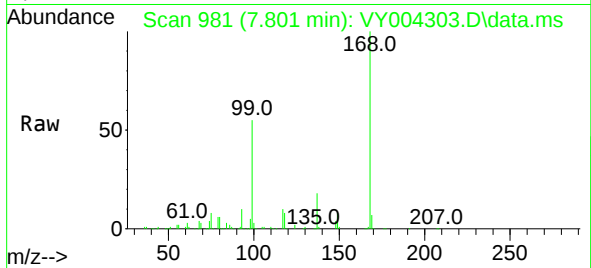




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

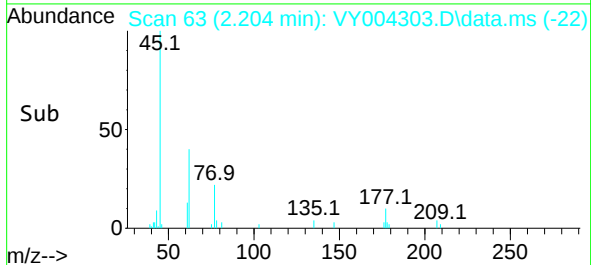
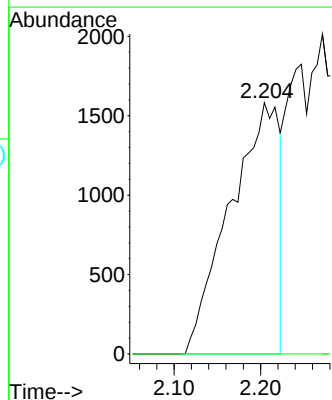
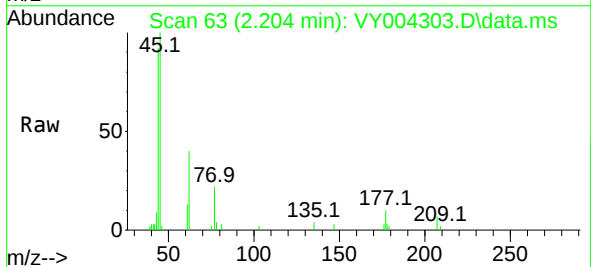
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_2-2.5

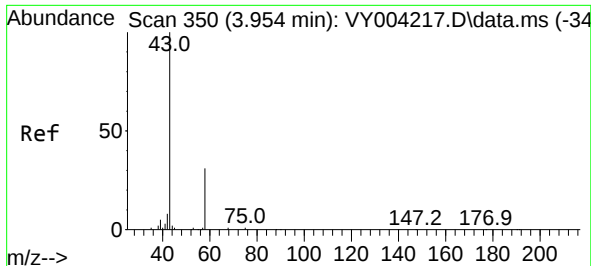
Tgt Ion:168 Resp: 173250
Ion Ratio Lower Upper
168 100
99 55.0 42.6 64.0



#4
Vinyl Chloride
Concen: 2.78 ug/l
RT: 2.204 min Scan# 63
Delta R.T. -0.049 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

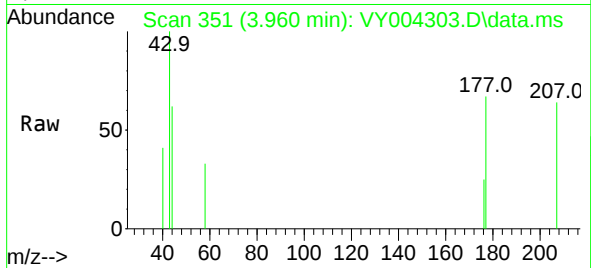
Tgt Ion: 62 Resp: 6277
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



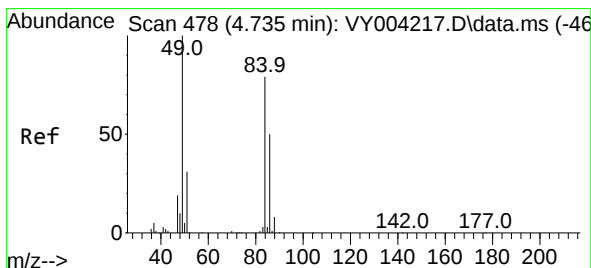
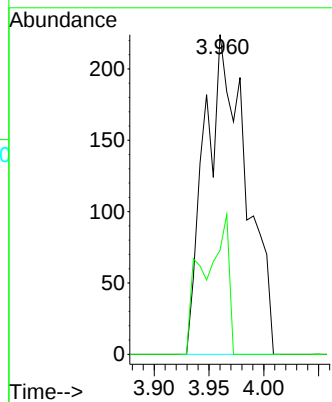
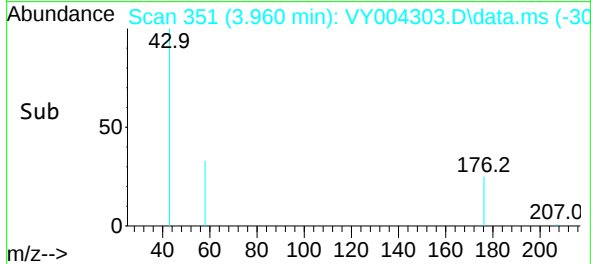


#16
Acetone
Concen: 1.69 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

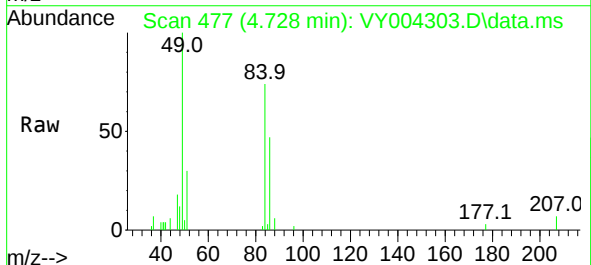
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_2-2.5



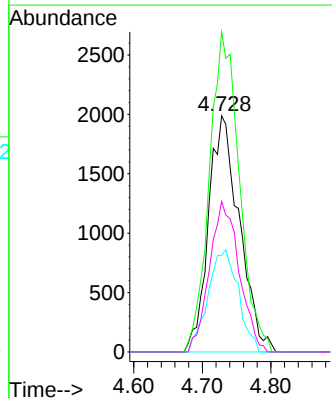
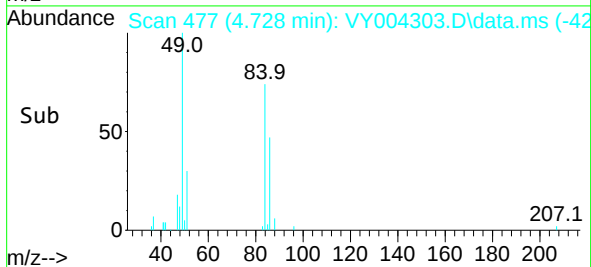
Tgt Ion: 43 Resp: 586
Ion Ratio Lower Upper
43 100
58 32.6 24.5 36.7

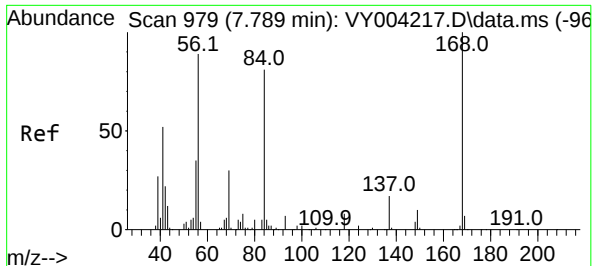


#20
Methylene Chloride
Concen: 1.20 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.007 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09



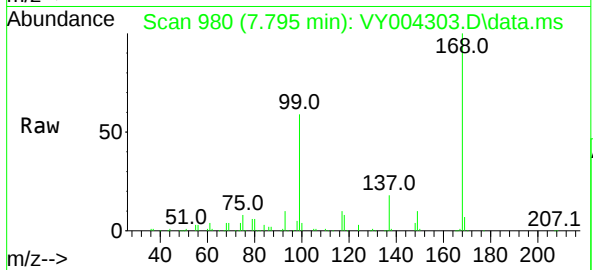
Tgt Ion: 84 Resp: 6229
Ion Ratio Lower Upper
84 100
49 135.5 101.5 152.3
51 41.0 31.5 47.3
86 63.7 50.8 76.2



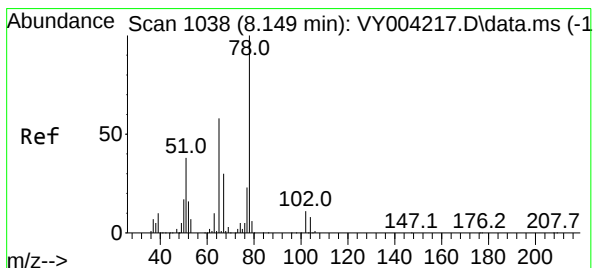
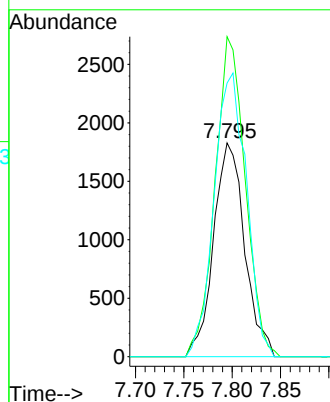
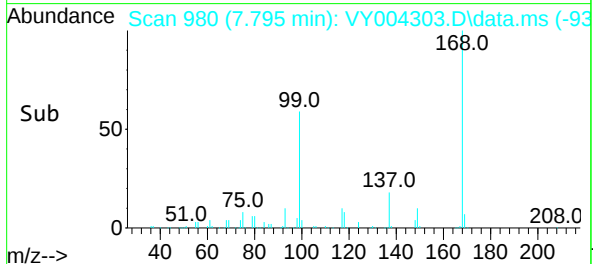


#31
Cyclohexane
Concen: 1.39 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

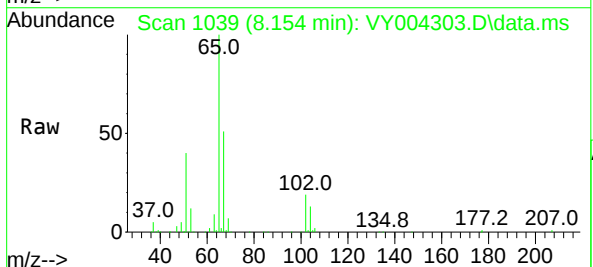
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_2-2.5



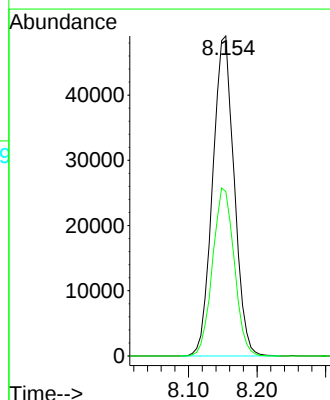
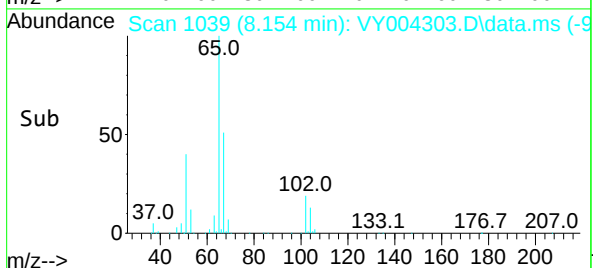
Tgt Ion: 56 Resp: 4081
Ion Ratio Lower Upper
56 100
69 149.7 26.6 40.0#
84 128.0 72.3 108.5#

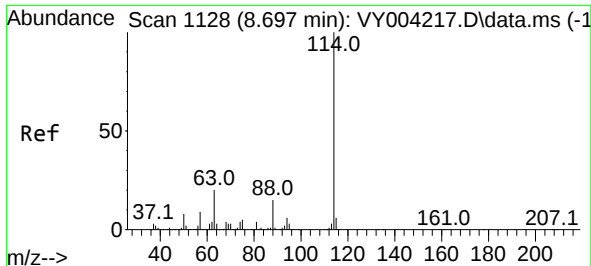


#33
1,2-Dichloroethane-d4
Concen: 64.17 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09



Tgt Ion: 65 Resp: 106878
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.2

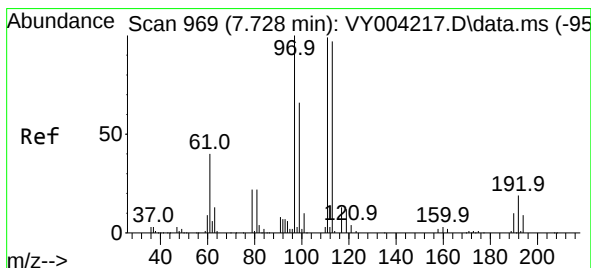
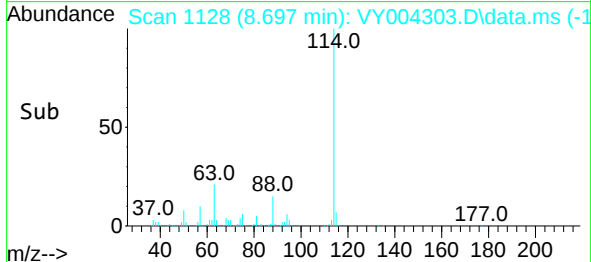
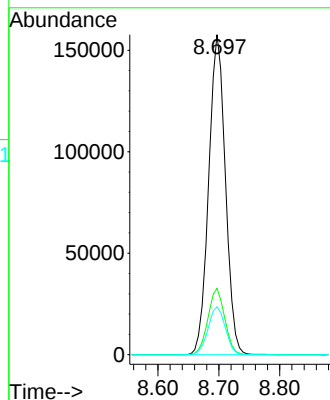
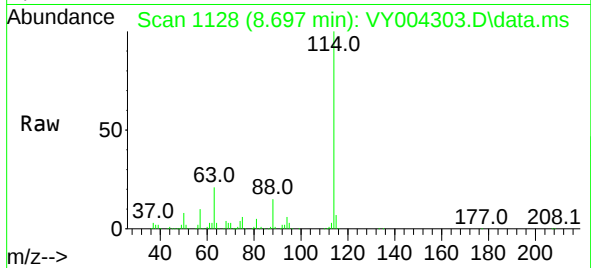




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

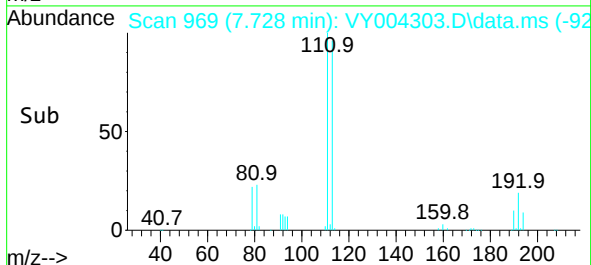
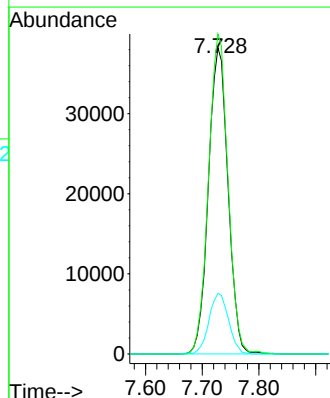
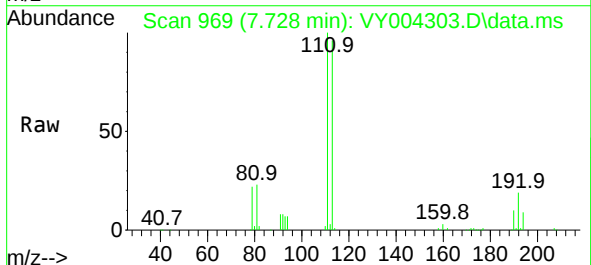
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_2-2.5

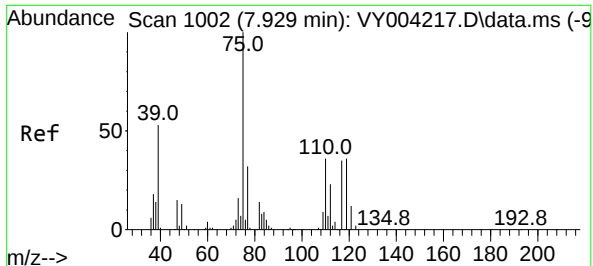
Tgt Ion:	114	Resp:	300273
Ion Ratio	Lower	Upper	
114	100		
63	20.8	0.0	40.4
88	15.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.80 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

Tgt Ion:	113	Resp:	91681
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.6	124.0
192	19.8	16.4	24.6





#36

1,1-Dichloropropene

Concen: 5.12 ug/l

RT: 7.801 min Scan# 981

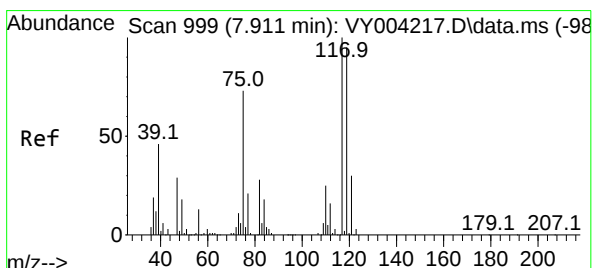
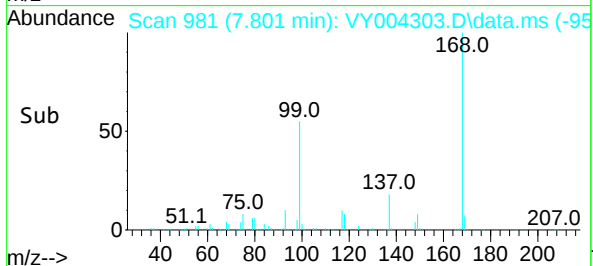
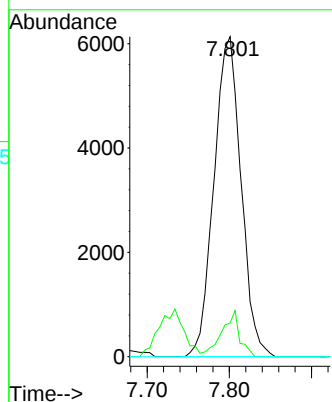
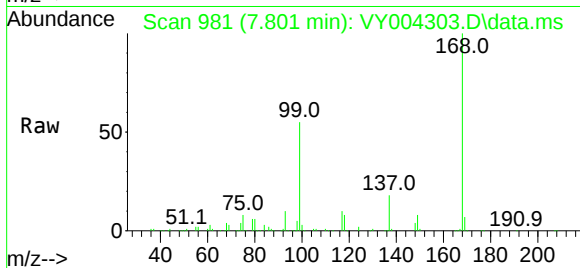
Delta R.T. -0.128 min

Lab File: VY004303.D

Acq: 06 Apr 2021 17:09

Tgt Ion: 75	Resp: 14028
Ion Ratio	Lower Upper
75 100	
110 9.5	18.1 54.3#
77 0.0	25.1 37.7#

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_2-2.5



#38

Carbon Tetrachloride

Concen: 7.33 ug/l

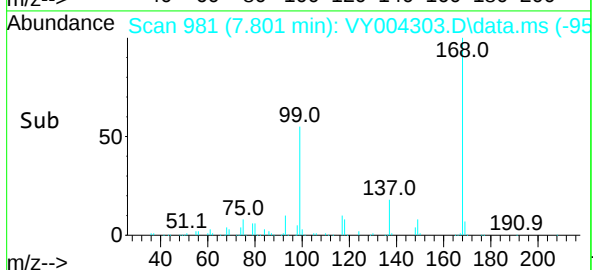
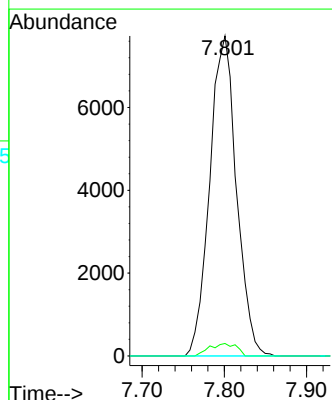
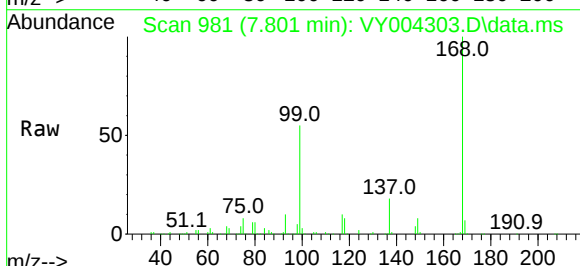
RT: 7.801 min Scan# 981

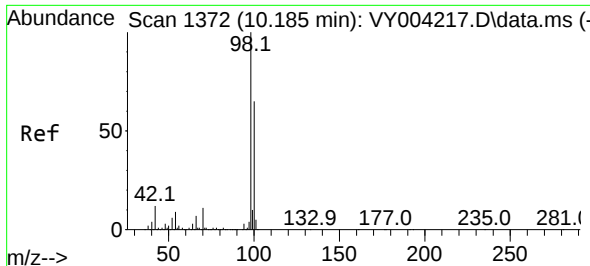
Delta R.T. -0.110 min

Lab File: VY004303.D

Acq: 06 Apr 2021 17:09

Tgt Ion: 117	Resp: 17468
Ion Ratio	Lower Upper
117 100	
119 3.9	75.6 113.4#
121 0.0	24.3 36.5#

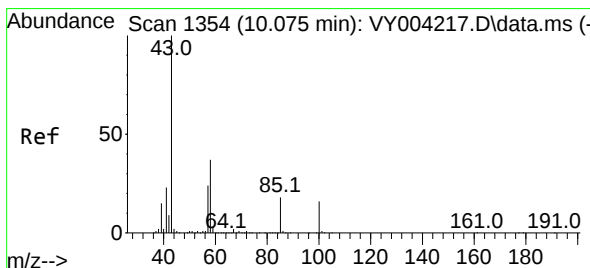
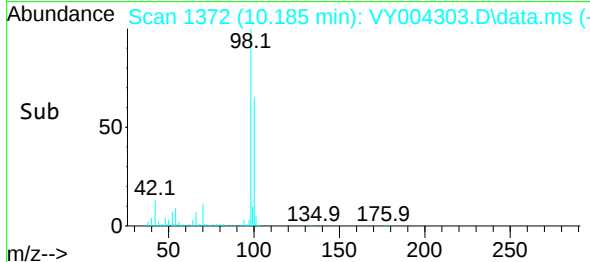
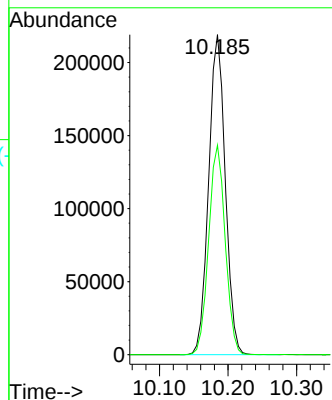
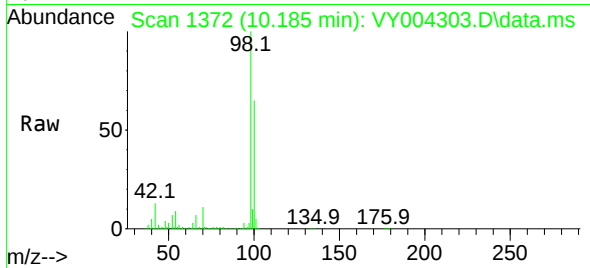




#50
Toluene-d8
Concen: 58.68 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

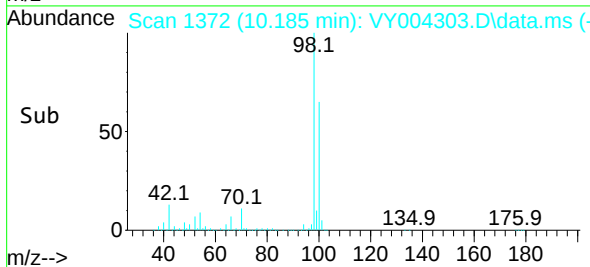
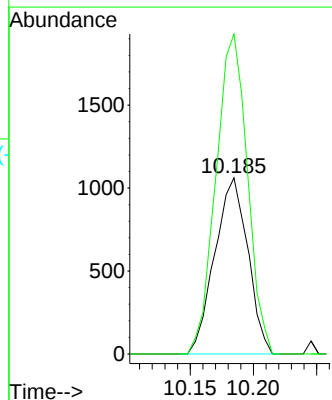
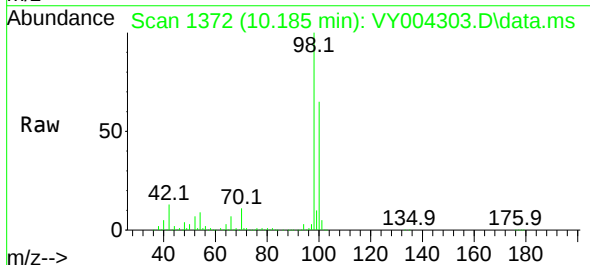
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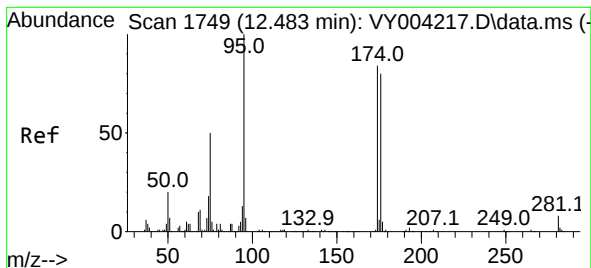
Tgt Ion: 98 Resp: 369273
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.24 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.109 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

Tgt Ion: 43 Resp: 1930
Ion Ratio Lower Upper
43 100
58 172.6 30.6 45.8#

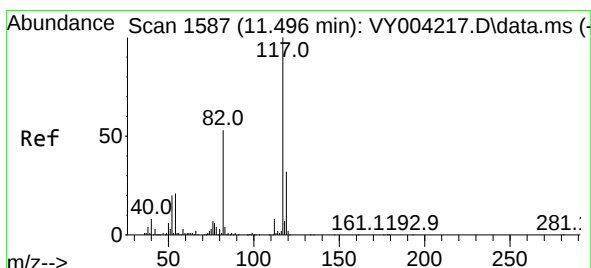
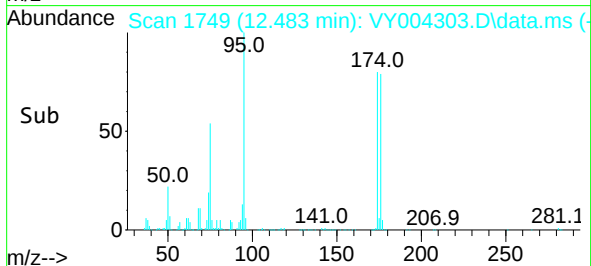
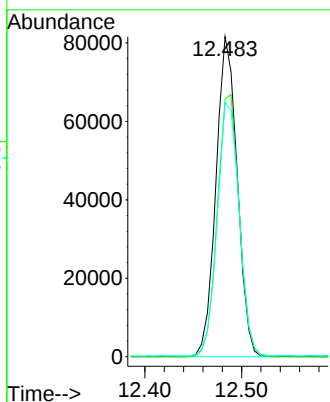
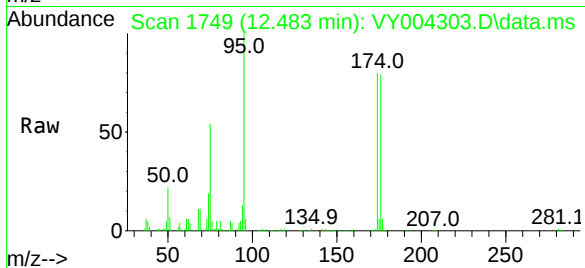




#62
4-Bromofluorobenzene
Concen: 57.58 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

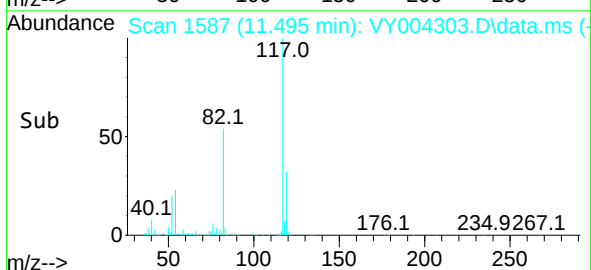
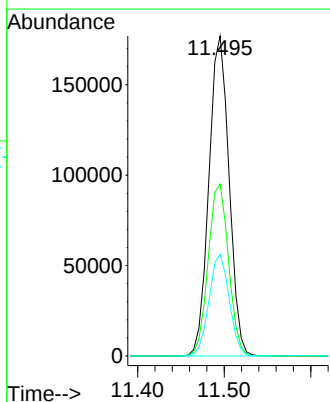
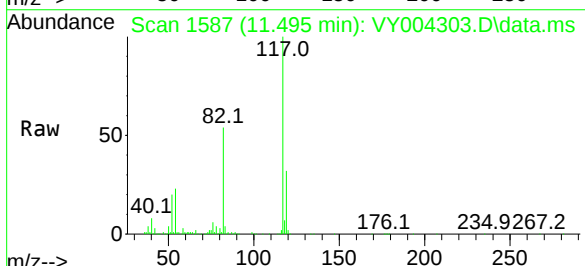
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_2-2.5

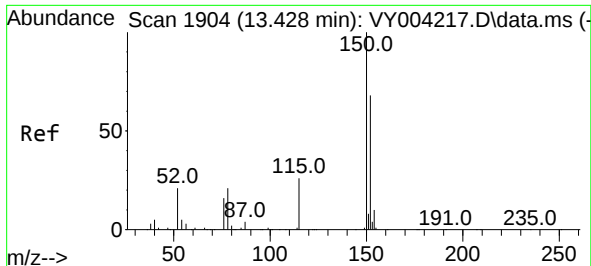
Tgt Ion: 95 Resp: 124190
Ion Ratio Lower Upper
95 100
174 84.3 0.0 171.4
176 81.7 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

Tgt Ion: 117 Resp: 286088
Ion Ratio Lower Upper
117 100
82 53.8 42.7 64.1
119 31.9 25.7 38.5

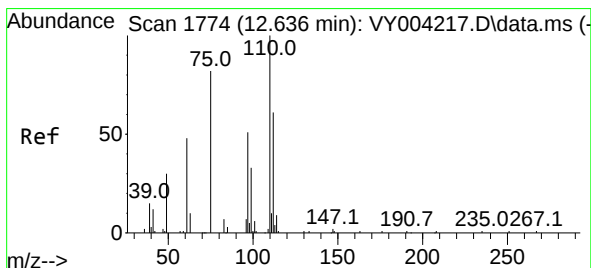
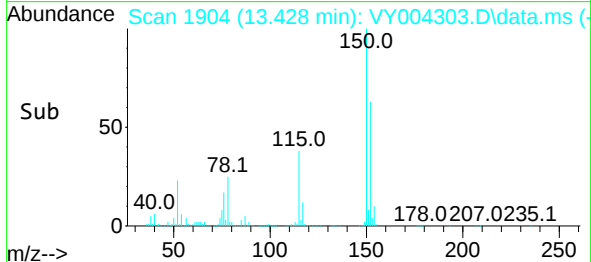
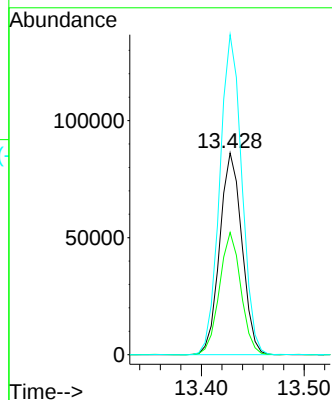
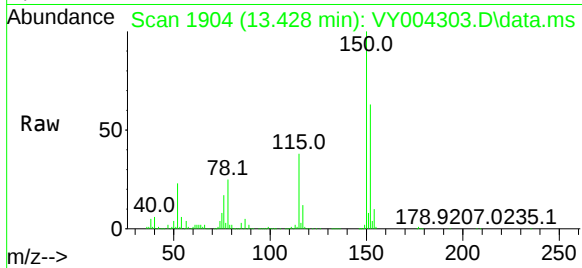




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004303.D
 Acq: 06 Apr 2021 17:09

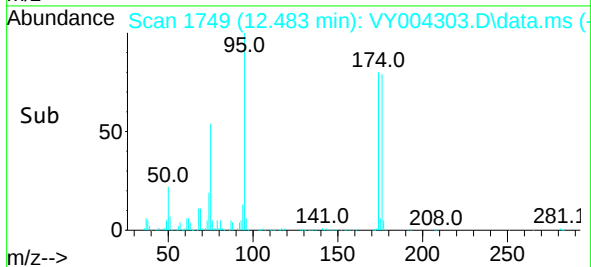
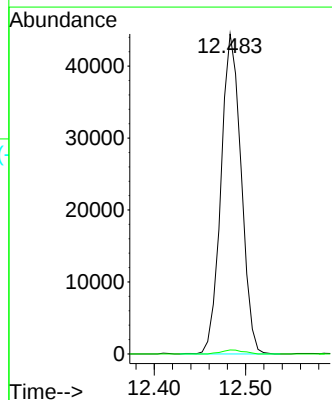
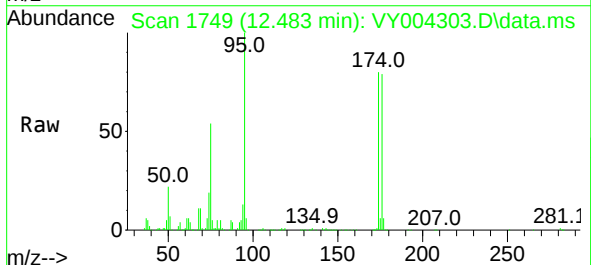
Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_01_2-2.5

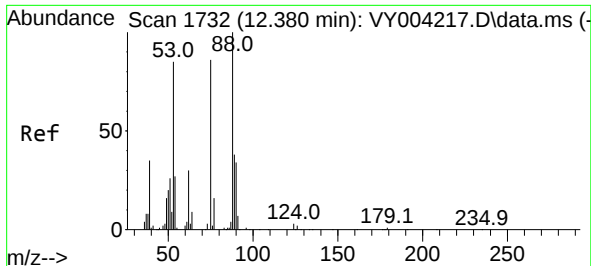
Tgt Ion:152 Resp: 129139
 Ion Ratio Lower Upper
 152 100
 115 58.6 29.0 87.1
 150 157.8 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 58.21 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004303.D
 Acq: 06 Apr 2021 17:09

Tgt Ion: 75 Resp: 68260
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

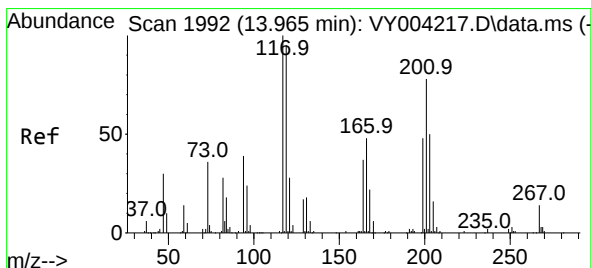
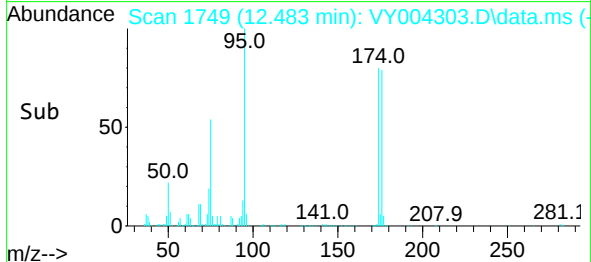
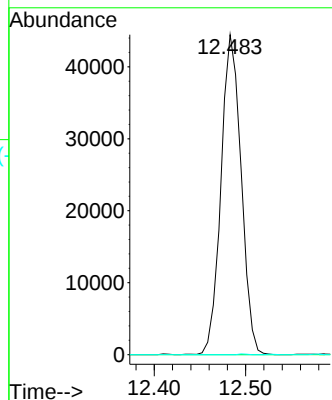
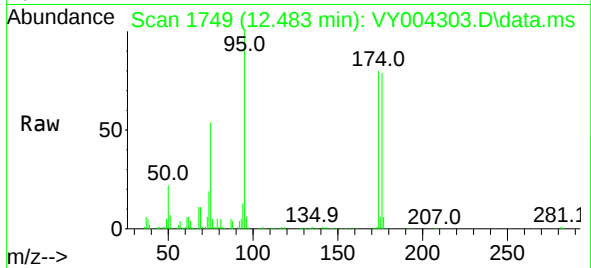




#81
trans-1,4-Dichloro-2-butene
Concen: 107.28 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_2-2.5

Tgt Ion: 75 Resp: 68260
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.1 39.4 59.2#



#90
Hexachloroethane
Concen: 7.31 ug/l
RT: 13.952 min Scan# 1990
Delta R.T. -0.013 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

Tgt Ion: 117 Resp: 26
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

