

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004302.D
 Acq On : 06 Apr 2021 16:45
 Operator : SY/MD
 Sample : M1933-01
 Misc : 4.73g/5mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_01_0-1

Quant Time: Apr 07 01:00:34 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	169469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	288730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	271375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.149	65	103296	63.41	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.82%	
35) Dibromofluoromethane	7.728	113	89182	55.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.86%	
50) Toluene-d8	10.185	98	353640	58.44	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.88%	
62) 4-Bromofluorobenzene	12.483	95	120989	58.34	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.68%	

Target Compounds

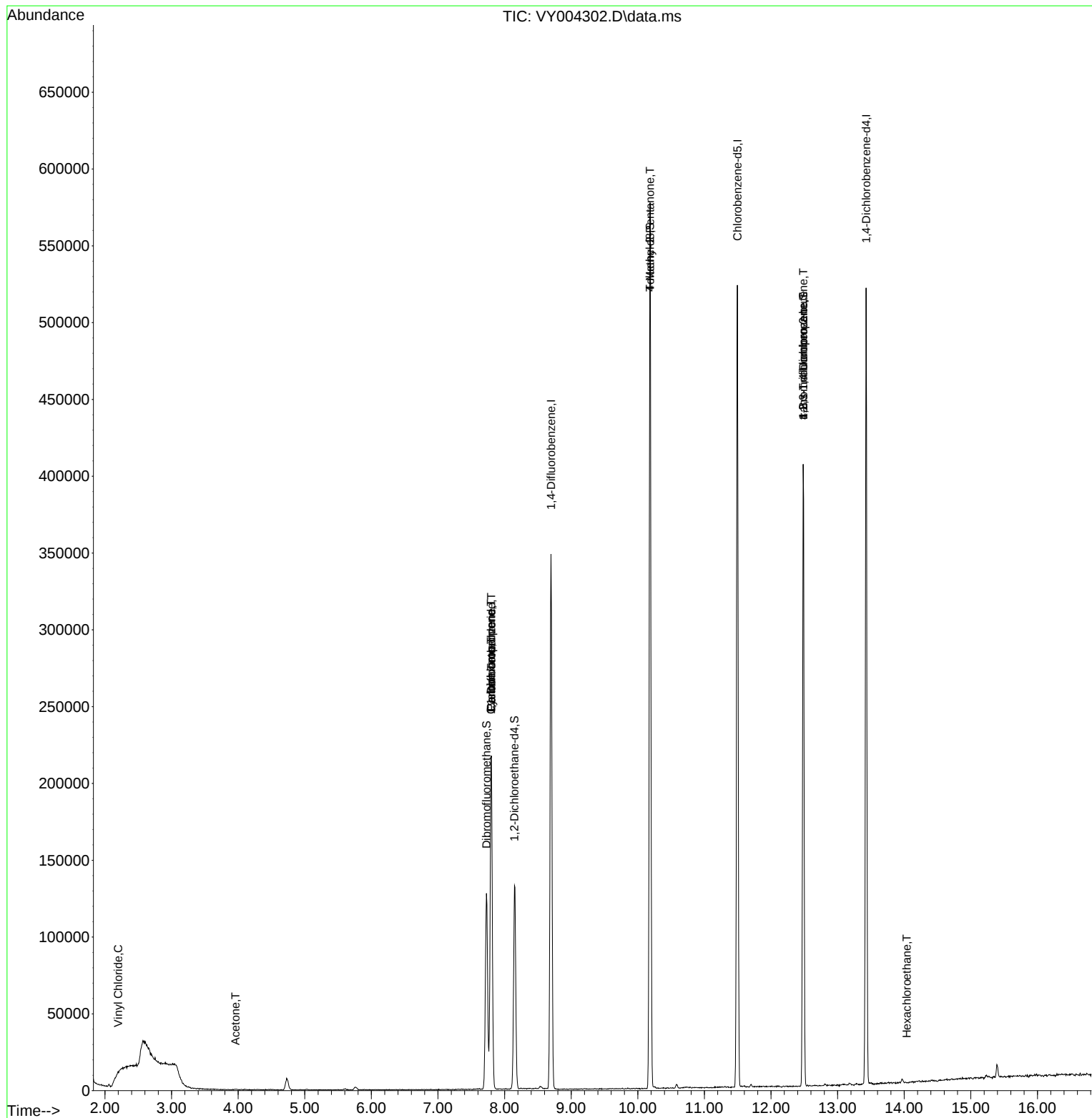
						Qvalue
4) Vinyl Chloride	2.199	62	4980	2.26	ug/l #	42
16) Acetone	3.960	43	579	1.71	ug/l #	29
31) Cyclohexane	7.795	56	3788	1.32	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	13414	5.09	ug/l #	49
38) Carbon Tetrachloride	7.801	117	16931	7.39	ug/l #	17
49) 1,4-Dioxane	9.301	88	51	Below	Cal #	62
51) 4-Methyl-2-Pentanone	10.185	43	1924	1.29	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	64705	57.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64705	106.29	ug/l #	10
90) Hexachloroethane	14.038	117	18	7.30	ug/l #	12

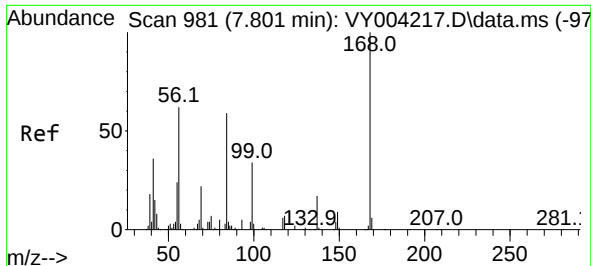
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
Data File : VY004302.D
Acq On : 06 Apr 2021 16:45
Operator : SY/MD
Sample : M1933-01
Misc : 4.73g/5mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_0-1

Quant Time: Apr 07 01:00:34 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

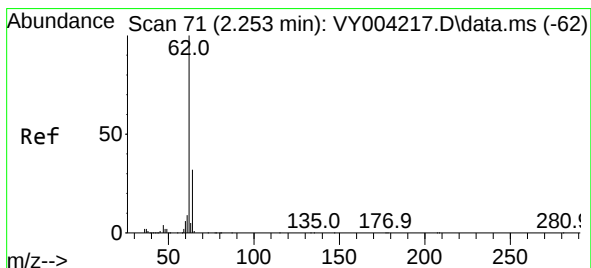
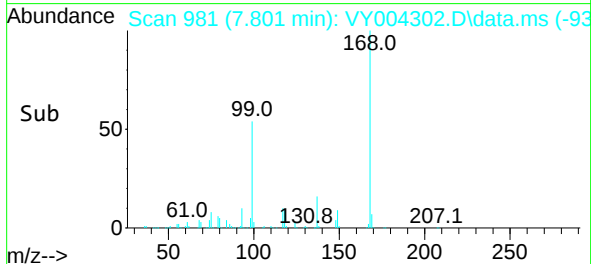
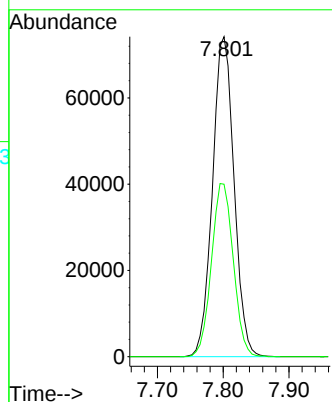
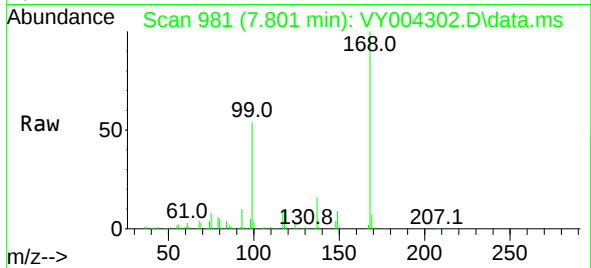




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

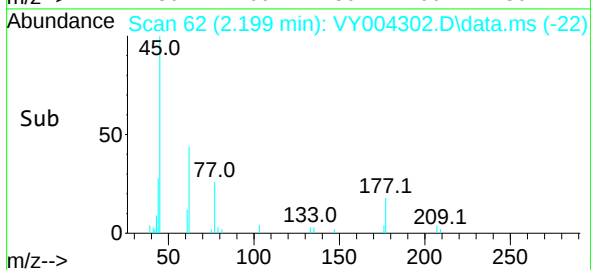
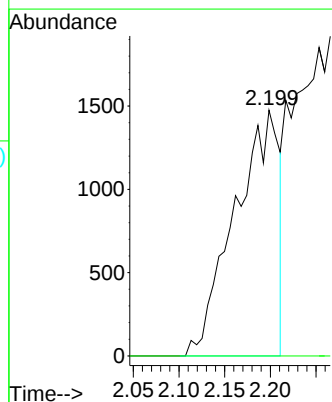
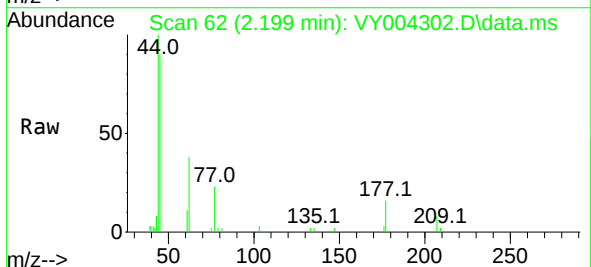
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_0-1

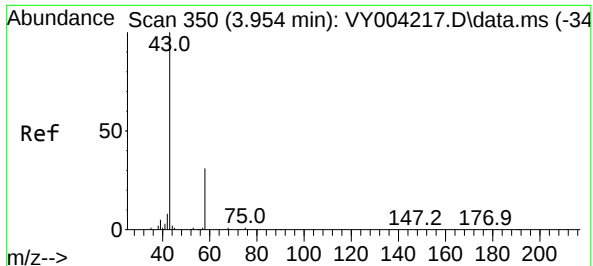
Tgt Ion:168 Resp: 169469
Ion Ratio Lower Upper
168 100
99 53.9 42.6 64.0



#4
Vinyl Chloride
Concen: 2.26 ug/l
RT: 2.199 min Scan# 62
Delta R.T. -0.055 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

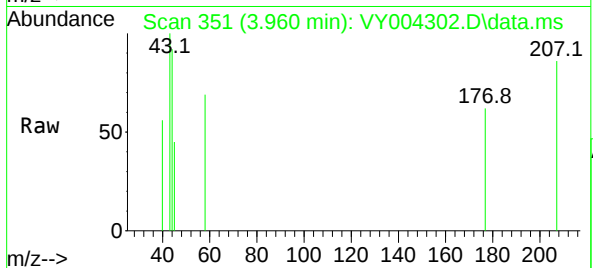
Tgt Ion: 62 Resp: 4980
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



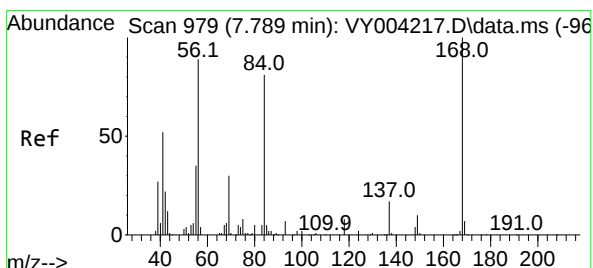
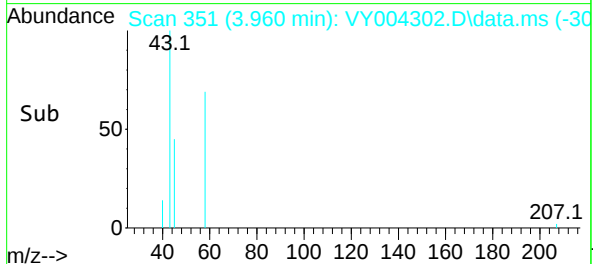
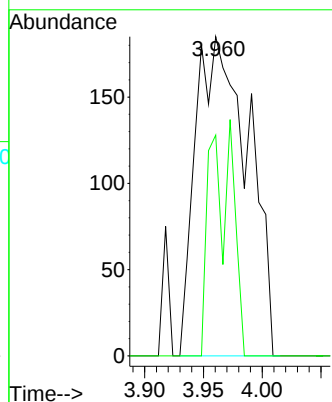


#16
Acetone
Concen: 1.71 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_0-1

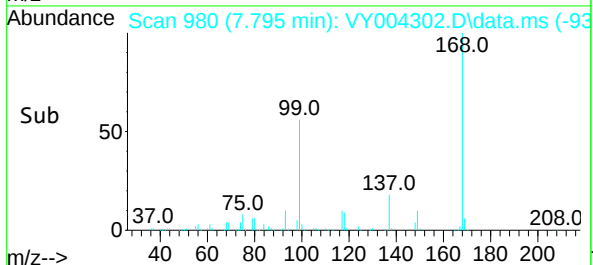
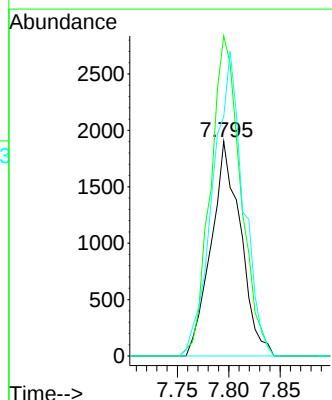
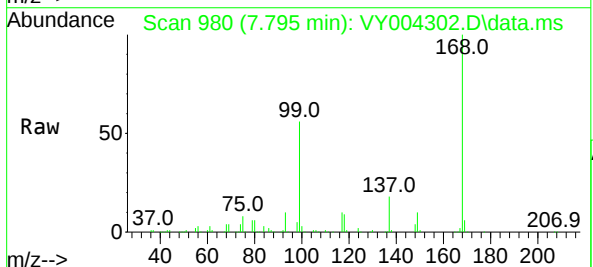


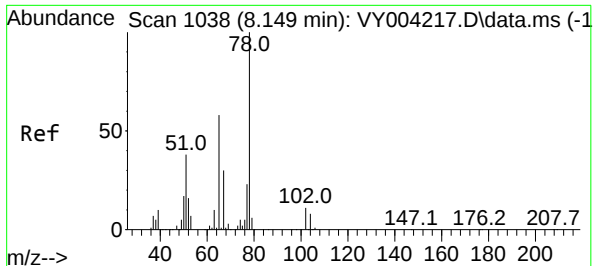
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
58 69.2 24.5 36.7#



#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

Tgt Ion: 56 Resp: 3788
Ion Ratio Lower Upper
56 100
69 149.2 26.6 40.0#
84 111.5 72.3 108.5#

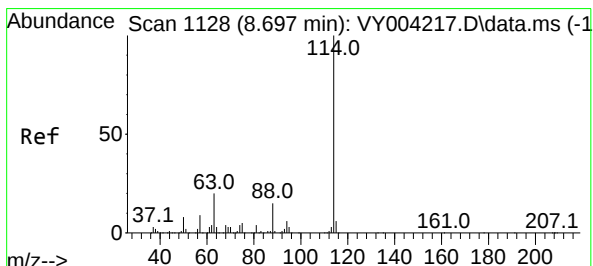
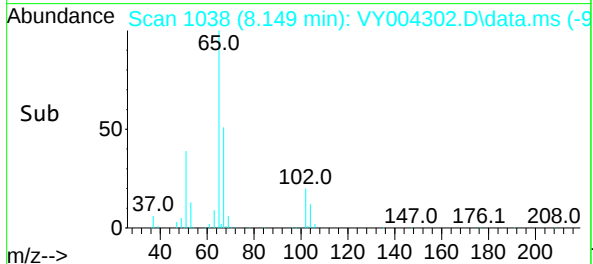
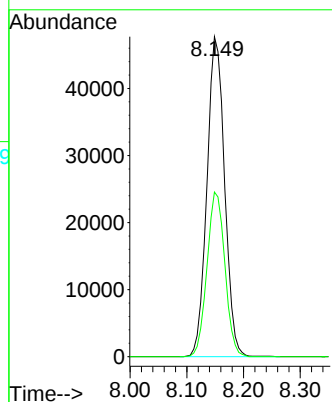
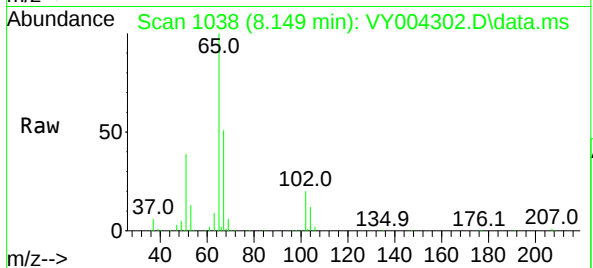




#33
1,2-Dichloroethane-d4
Concen: 63.41 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

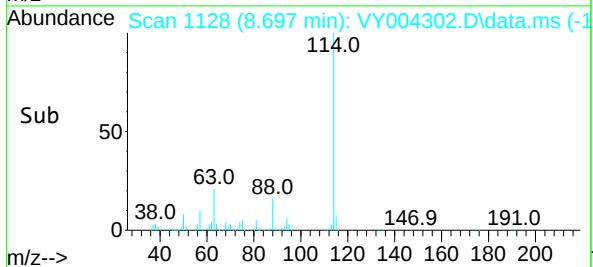
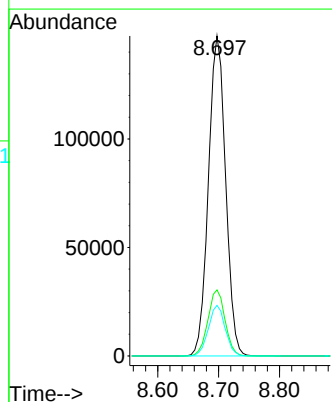
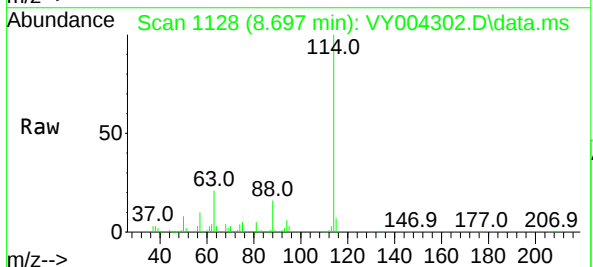
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_0-1

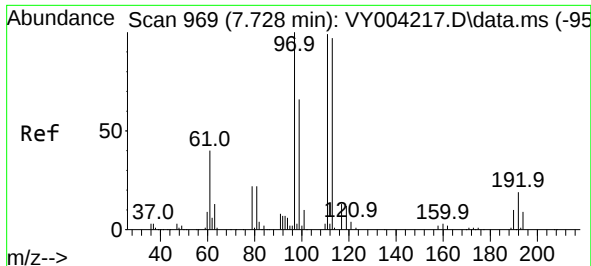
Tgt Ion: 65 Resp: 103296
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

Tgt Ion: 114 Resp: 288730
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.4
88 15.8 0.0 30.8

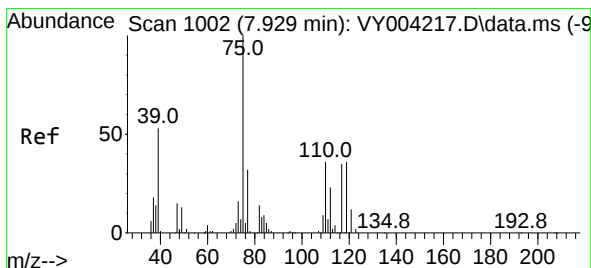
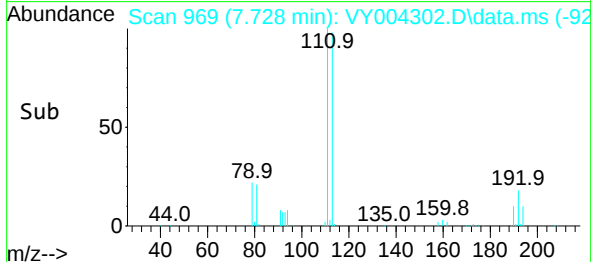
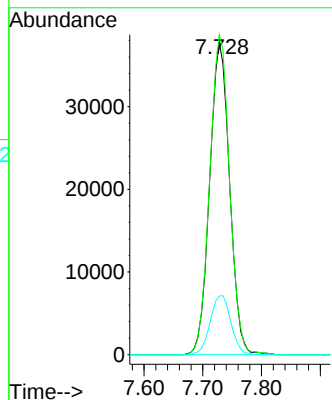
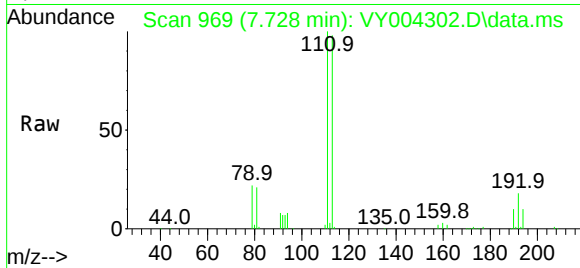




#35
Dibromofluoromethane
Concen: 55.43 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

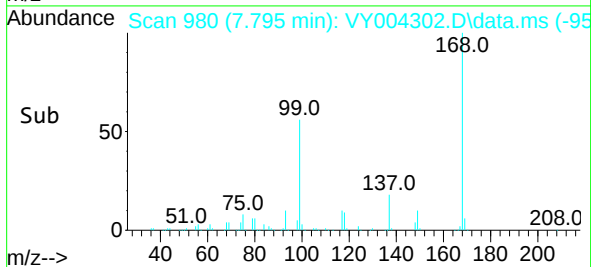
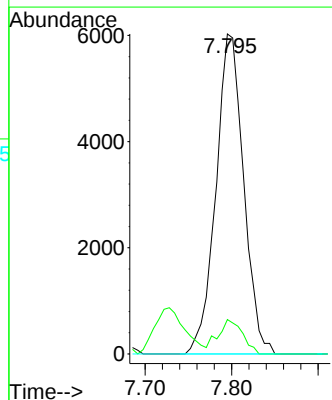
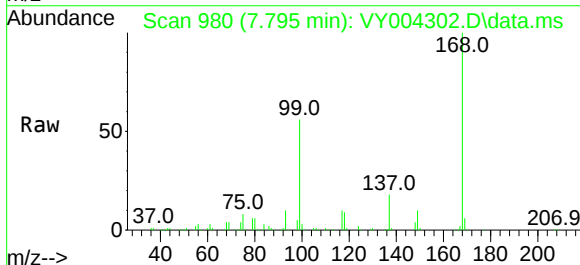
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_0-1

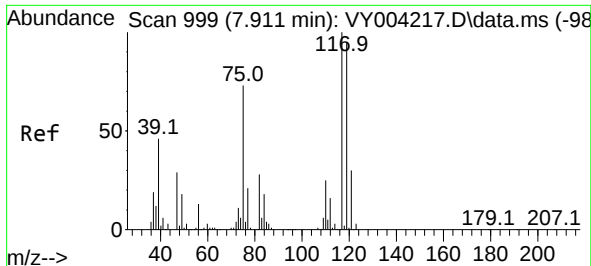
Tgt Ion:	113	Resp:	89182
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	19.5	16.4	24.6



#36
1,1-Dichloropropene
Concen: 5.09 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

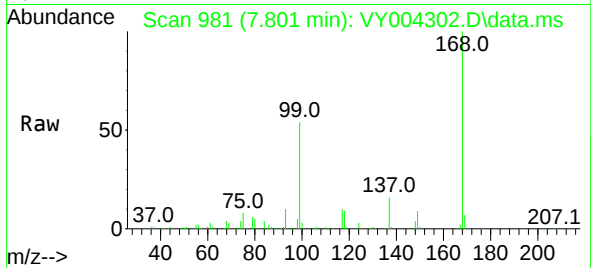
Tgt Ion:	75	Resp:	13414
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.3#
77	0.0	25.1	37.7#



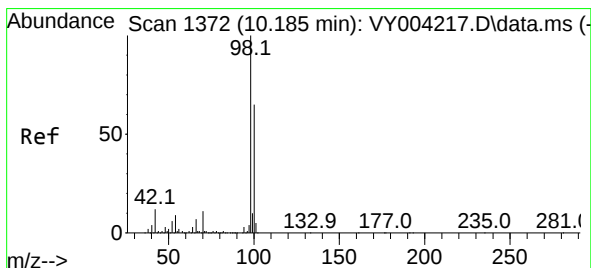
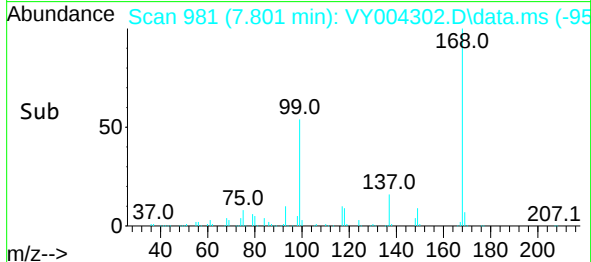
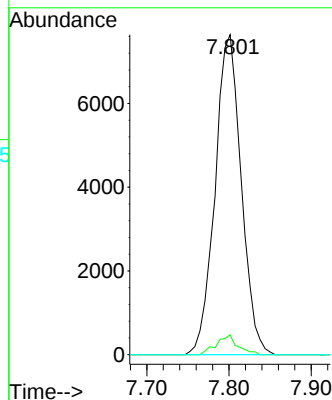


#38
Carbon Tetrachloride
Concen: 7.39 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_0-1

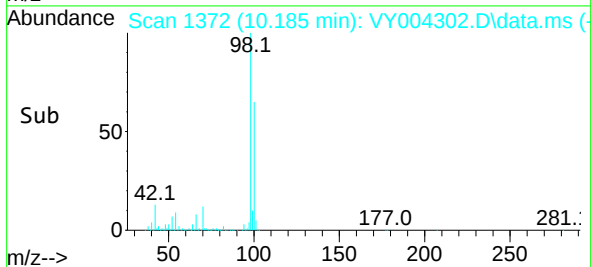
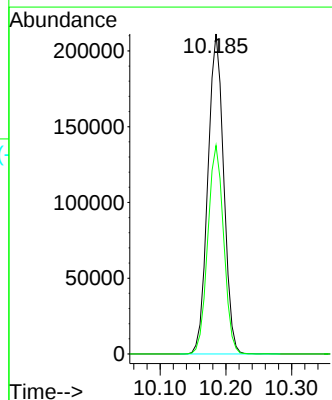
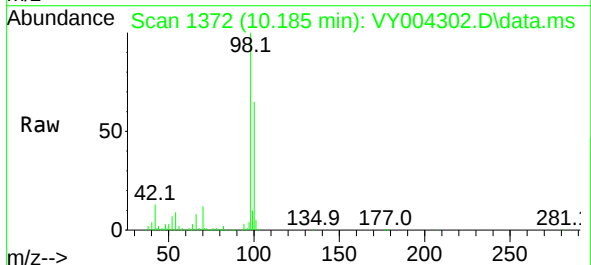


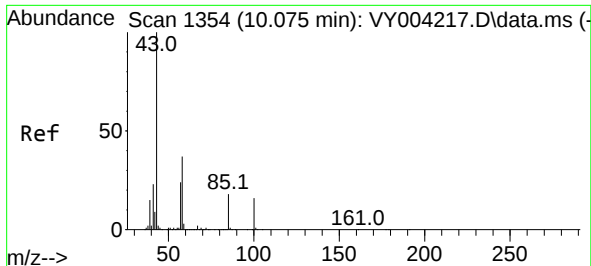
Tgt Ion:117 Resp: 16931
Ion Ratio Lower Upper
117 100
119 6.2 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 58.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

Tgt Ion: 98 Resp: 353640
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

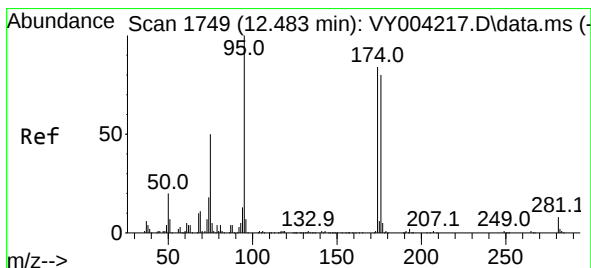
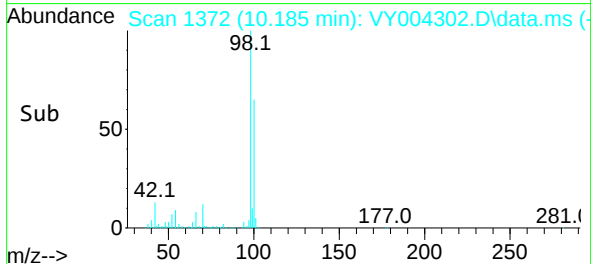
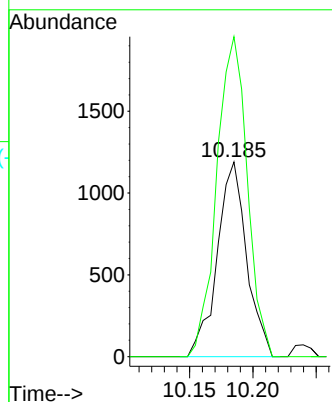
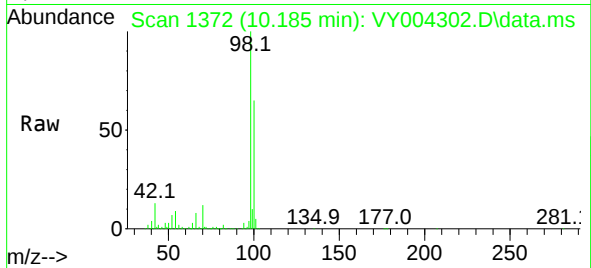




#51
4-Methyl-2-Pentanone
Concen: 1.29 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

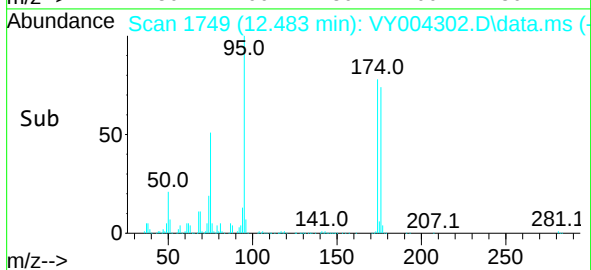
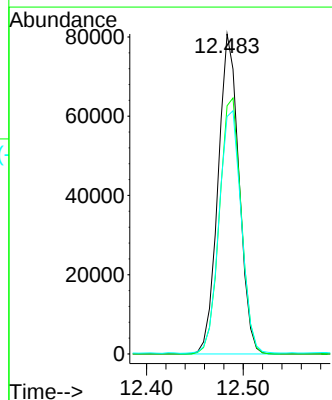
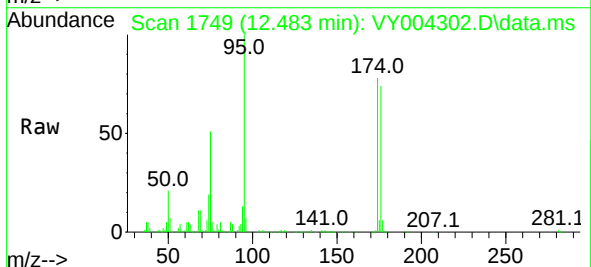
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_0-1

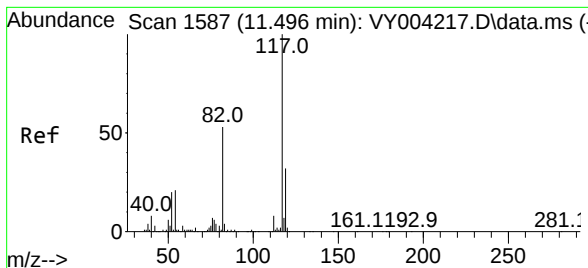
Tgt Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
58 170.3 30.6 45.8#



#62
4-Bromofluorobenzene
Concen: 58.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

Tgt Ion: 95 Resp: 120989
Ion Ratio Lower Upper
95 100
174 82.9 0.0 171.4
176 80.6 0.0 165.6

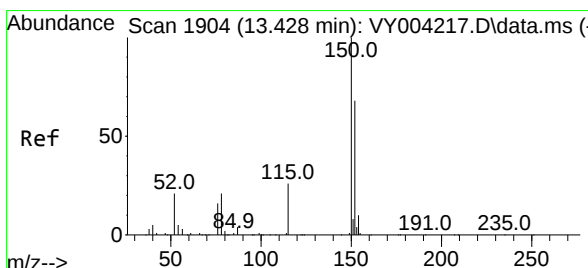
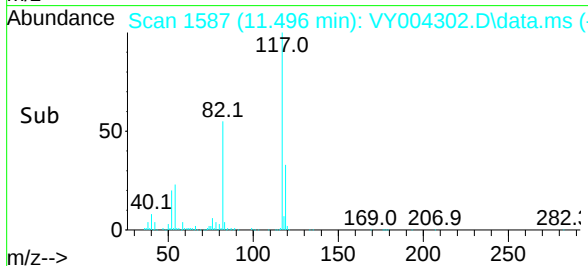
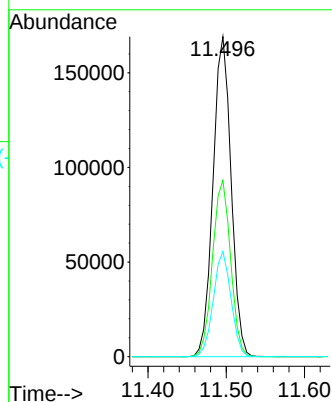
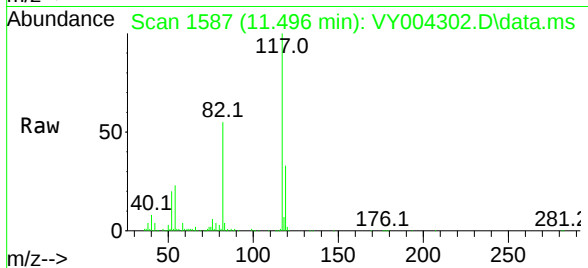




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

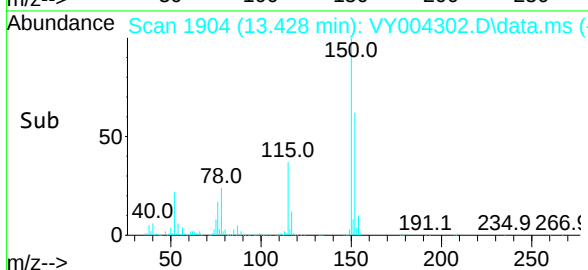
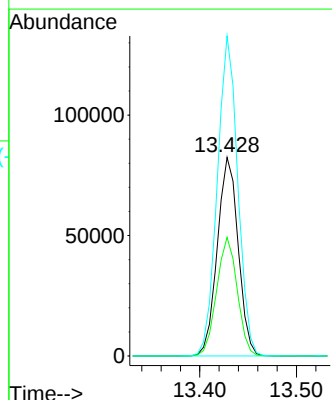
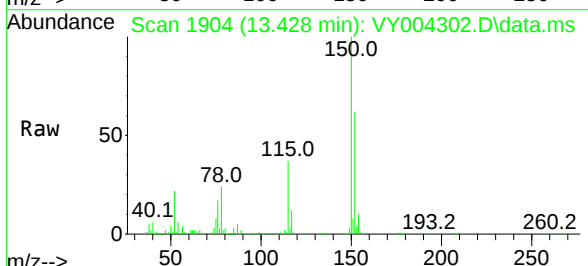
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_0-1

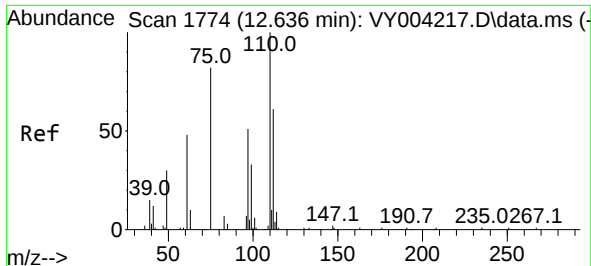
Tgt Ion:117 Resp: 271375
Ion Ratio Lower Upper
117 100
82 55.1 42.7 64.1
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

Tgt Ion:152 Resp: 123553
Ion Ratio Lower Upper
152 100
115 58.9 29.0 87.1
150 158.1 0.0 347.4

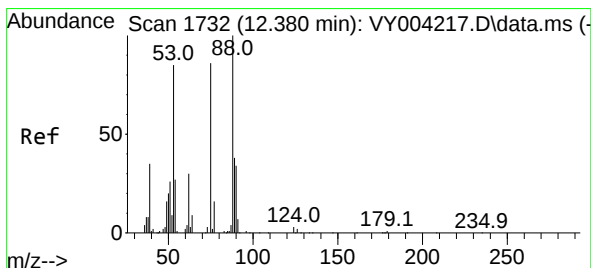
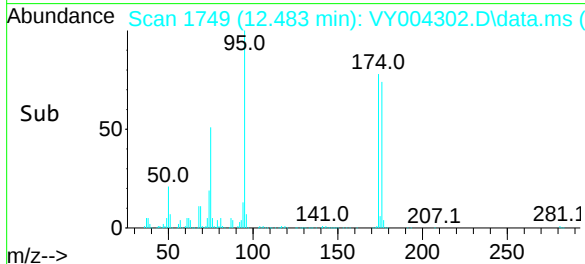
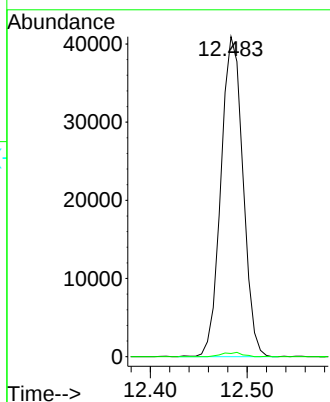
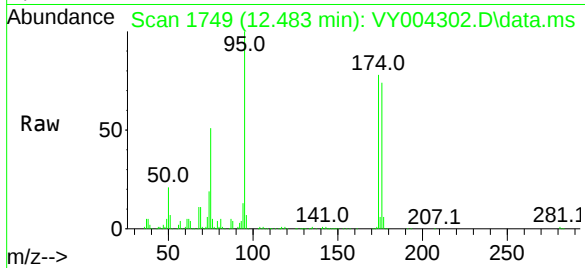




#76
1,2,3-Trichloropropane
Concen: 57.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

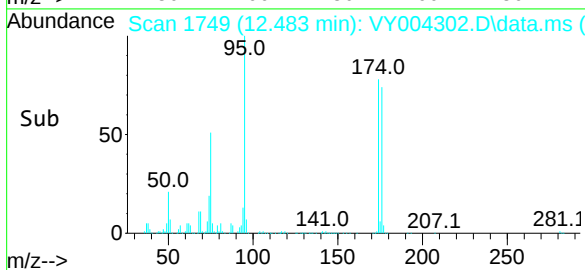
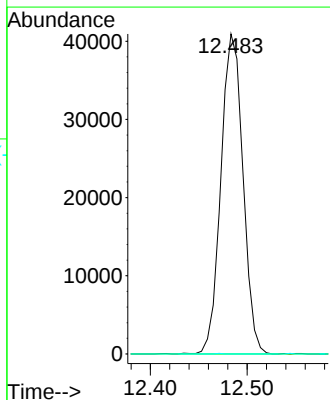
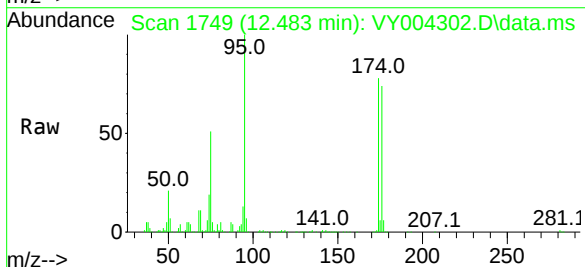
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_0-1

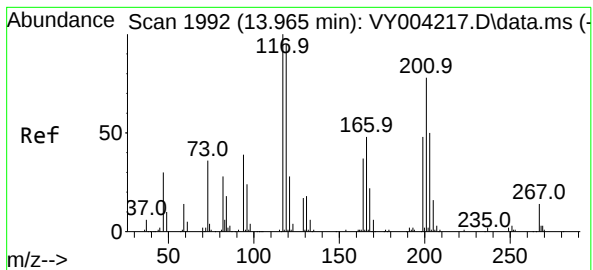
Tgt Ion: 75 Resp: 64705
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.29 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004302.D
Acq: 06 Apr 2021 16:45

Tgt Ion: 75 Resp: 64705
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.1 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.30 ug/l
 RT: 14.038 min Scan# 2004
 Delta R.T. 0.073 min
 Lab File: VY004302.D
 Acq: 06 Apr 2021 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_01_0-1

Tgt Ion:117 Resp: 18
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

