

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004299.D
 Acq On : 06 Apr 2021 15:36
 Operator : SY/MD
 Sample : M1933-09
 Misc : 4.47g/5mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_04_1-1.5

Quant Time: Apr 07 00:59:46 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)

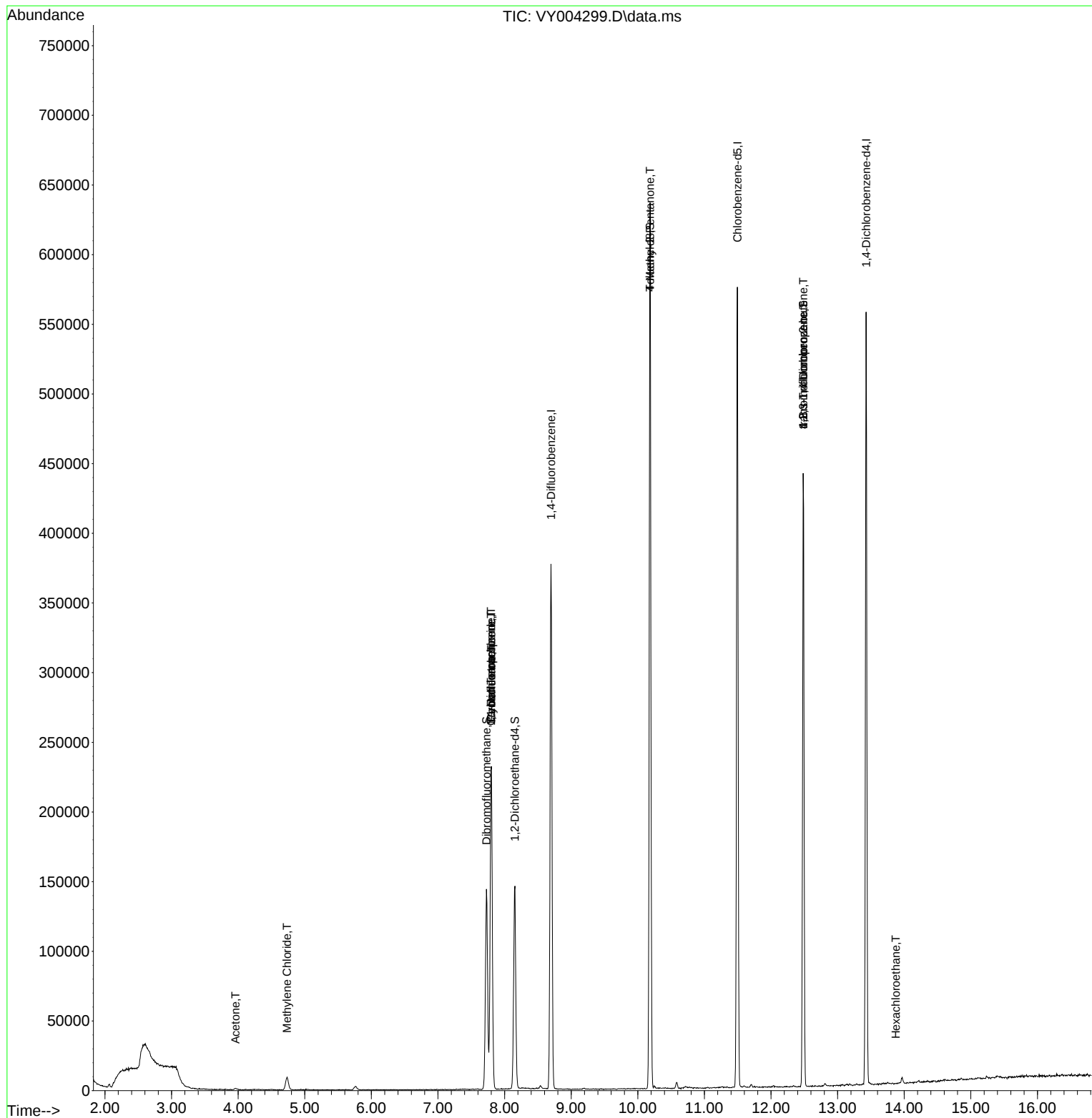
Internal Standards						
1) Pentafluorobenzene	7.801	168	181840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	295611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	110226	63.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.12%			
35) Dibromofluoromethane	7.728	113	96817	54.69	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.38%			
50) Toluene-d8	10.185	98	387041	58.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.26%			
62) 4-Bromofluorobenzene	12.483	95	127707	55.96	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.92%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	1842	5.06	ug/l	92
20) Methylene Chloride	4.735	84	6397	1.12	ug/l	96
31) Cyclohexane	7.801	56	4150	1.34	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	14393	4.96	ug/l #	48
38) Carbon Tetrachloride	7.795	117	18063	7.16	ug/l #	17
49) 1,4-Dioxane	9.295	88	50	Below Cal	#	29
51) 4-Methyl-2-Pentanone	10.185	43	2056	1.25	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	70612	59.04	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70612	108.80	ug/l #	10
90) Hexachloroethane	13.873	117	26	7.31	ug/l #	12

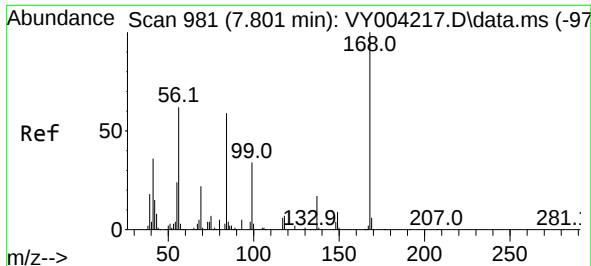
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
Data File : VY004299.D
Acq On : 06 Apr 2021 15:36
Operator : SY/MD
Sample : M1933-09
Misc : 4.47g/5mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_1-1.5

Quant Time: Apr 07 00:59:46 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

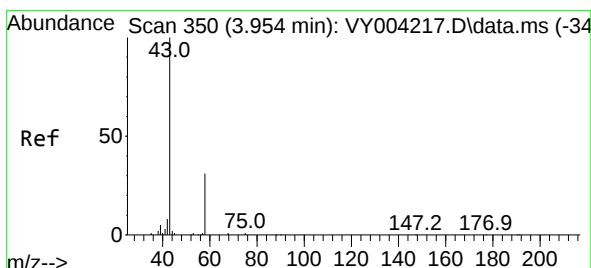
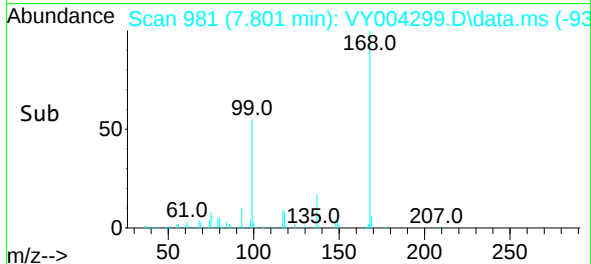
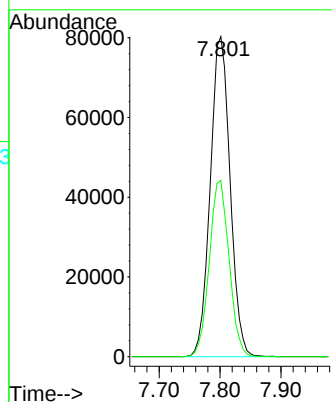
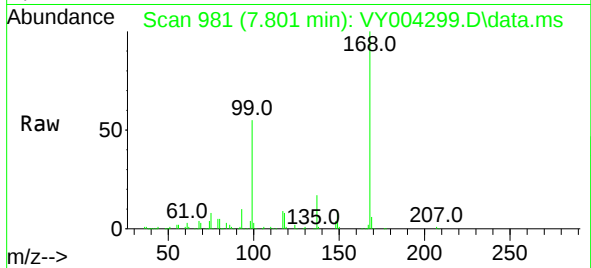




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

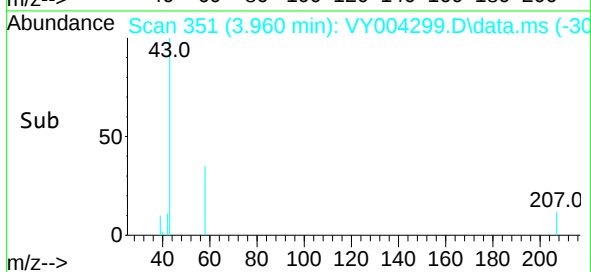
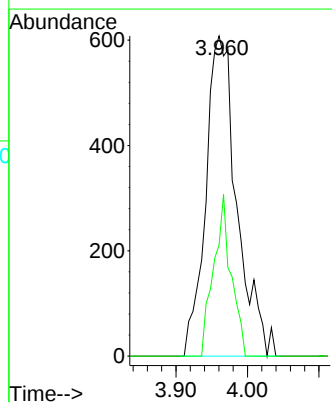
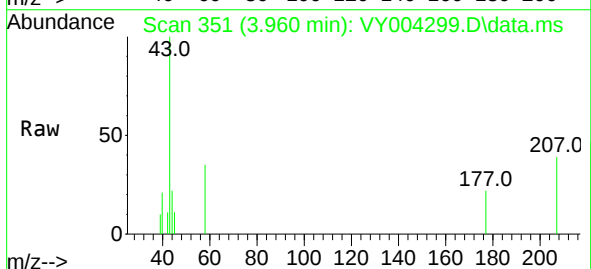
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_1-1.5

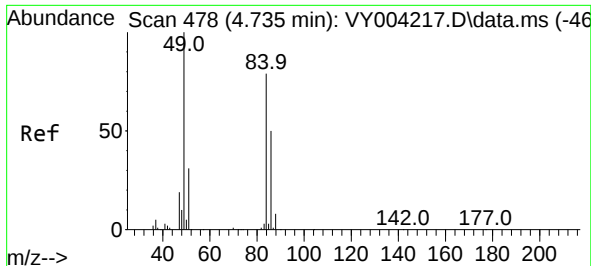
Tgt Ion:168 Resp: 181840
Ion Ratio Lower Upper
168 100
99 55.1 42.6 64.0



#16
Acetone
Concen: 5.06 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

Tgt Ion: 43 Resp: 1842
Ion Ratio Lower Upper
43 100
58 34.7 24.5 36.7

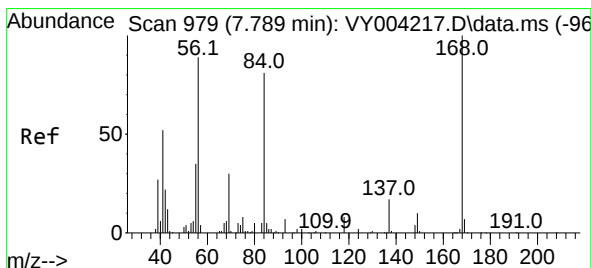
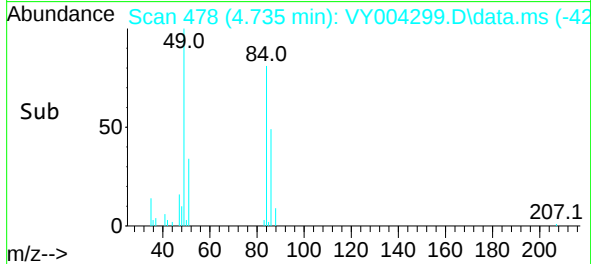
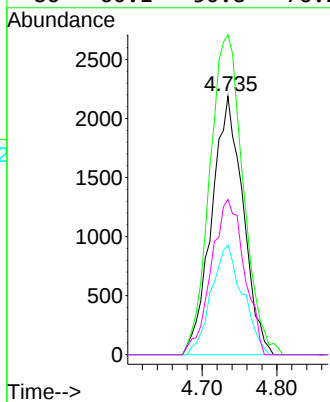
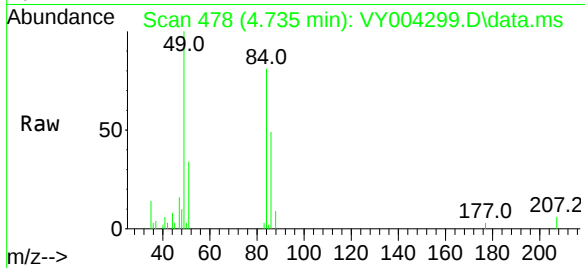




#20
Methylene Chloride
Concen: 1.12 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

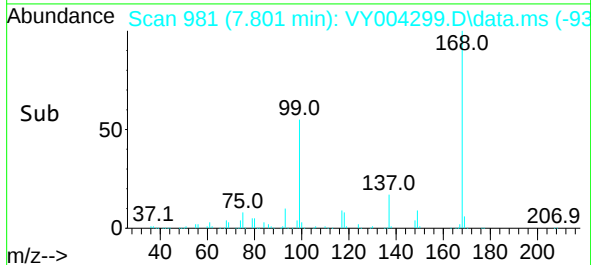
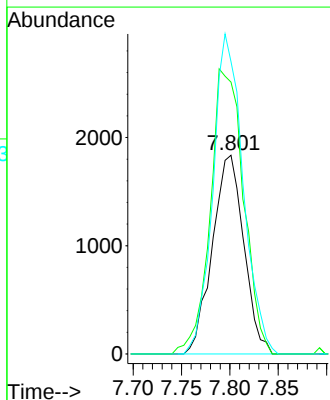
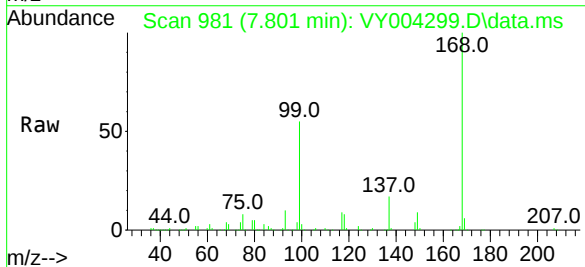
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_1-1.5

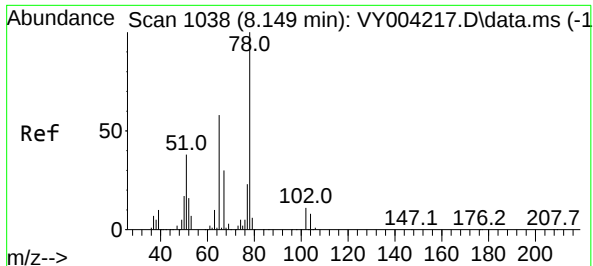
Tgt Ion:	84	Resp:	6397
Ion	Ratio	Lower	Upper
84	100		
49	123.9	101.5	152.3
51	42.5	31.5	47.3
86	60.1	50.8	76.2



#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

Tgt Ion:	56	Resp:	4150
Ion	Ratio	Lower	Upper
56	100		
69	136.8	26.6	40.0#
84	147.1	72.3	108.5#

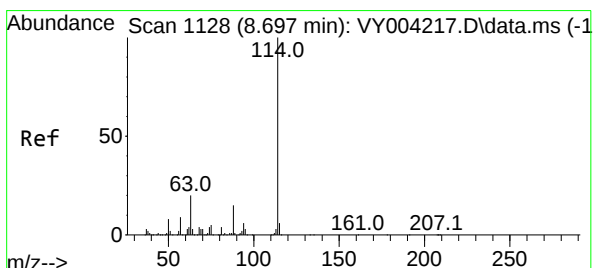
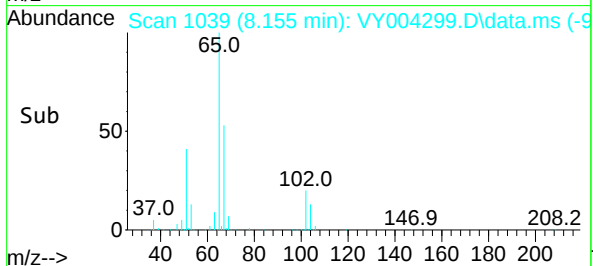
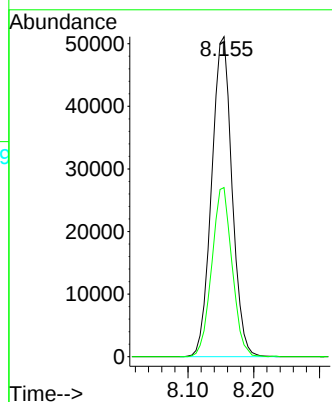
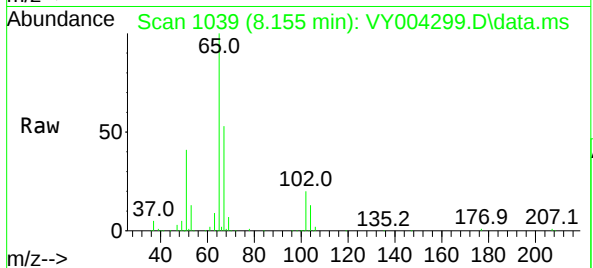




#33
1,2-Dichloroethane-d4
Concen: 63.06 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

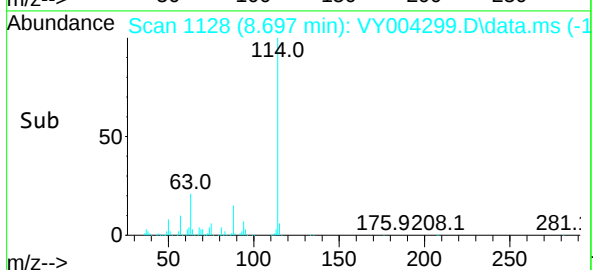
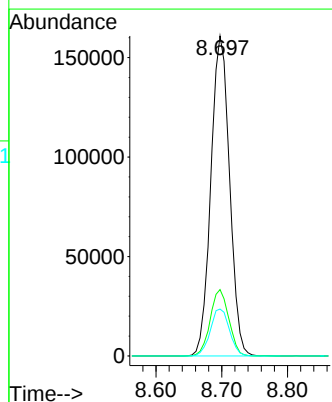
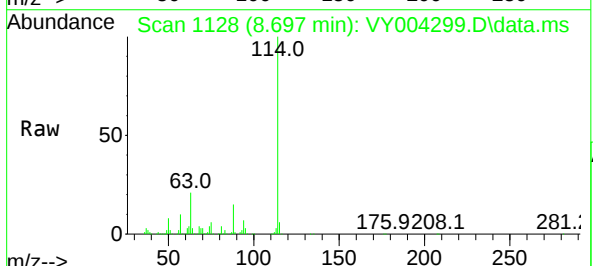
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_1-1.5

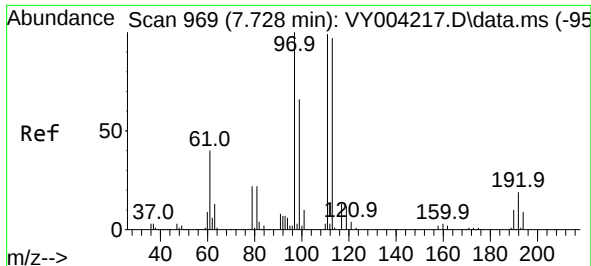
Tgt Ion: 65 Resp: 110226
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

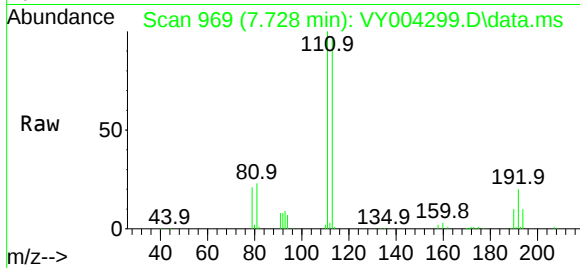
Tgt Ion: 114 Resp: 317728
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.4
88 14.7 0.0 30.8



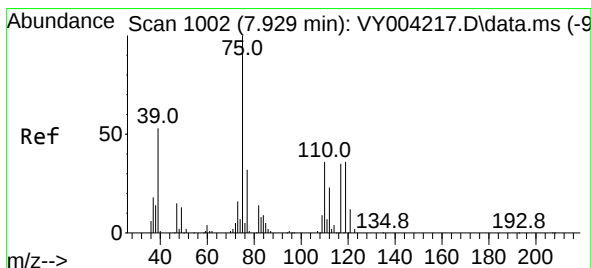
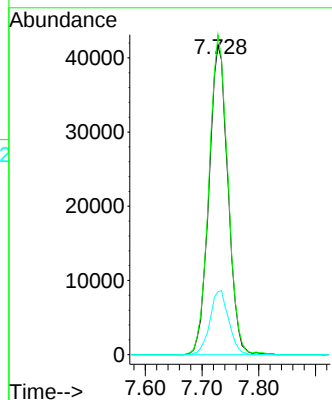
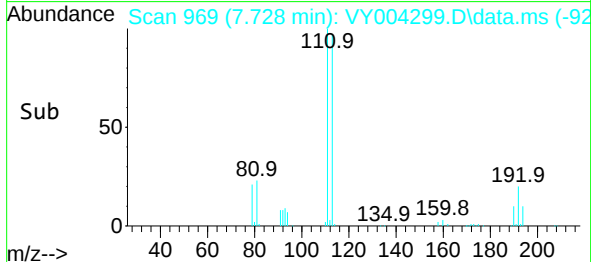


#35
Dibromofluoromethane
Concen: 54.69 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

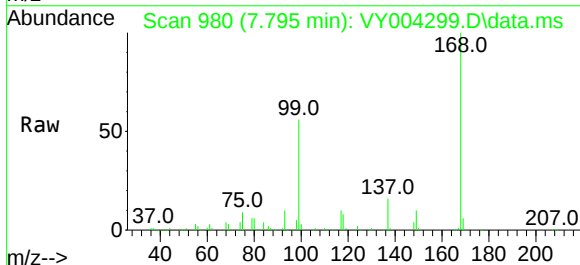
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_1-1.5



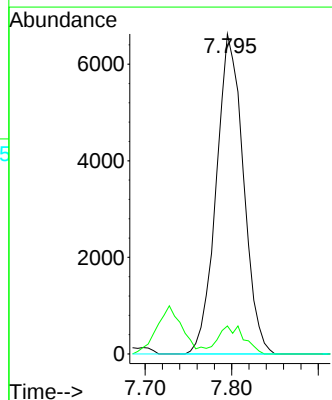
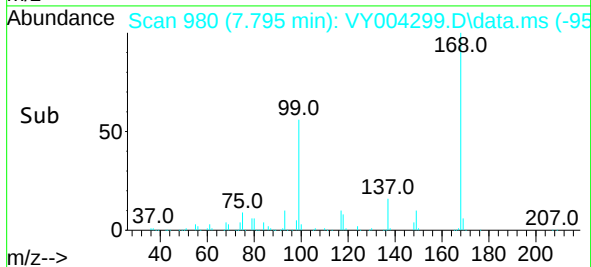
Tgt Ion:	113	Resp:	96817
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	20.5	16.4	24.6

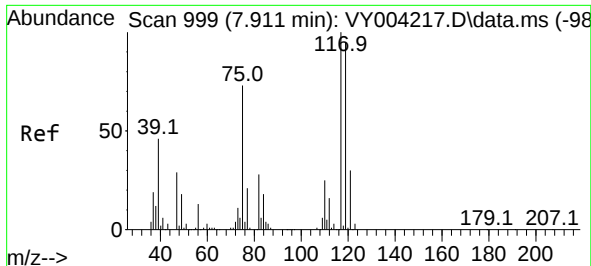


#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36



Tgt Ion:	75	Resp:	14393
Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.3#
77	0.0	25.1	37.7#

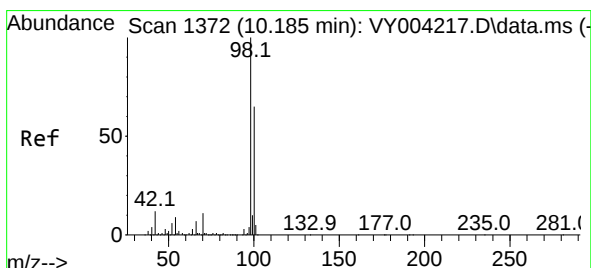
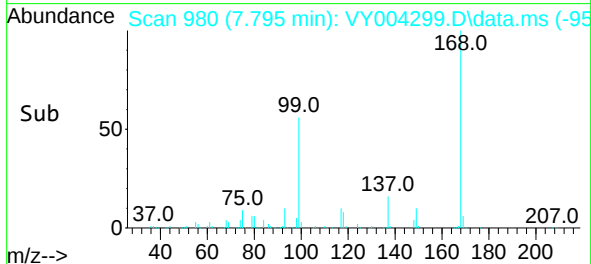
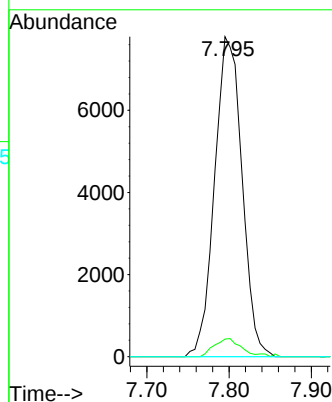
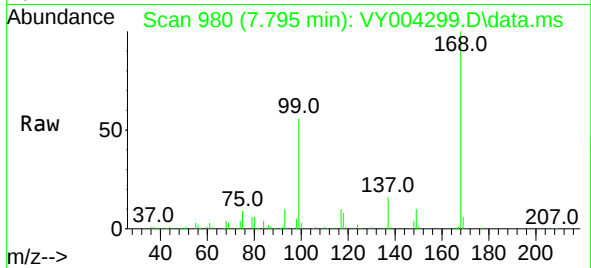




#38
Carbon Tetrachloride
Concen: 7.16 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

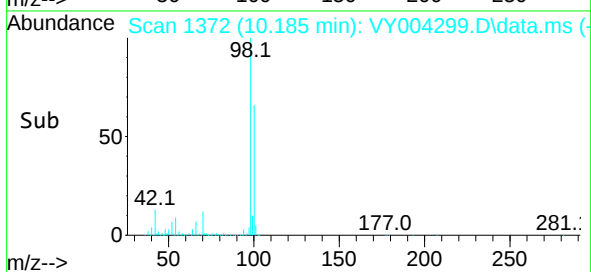
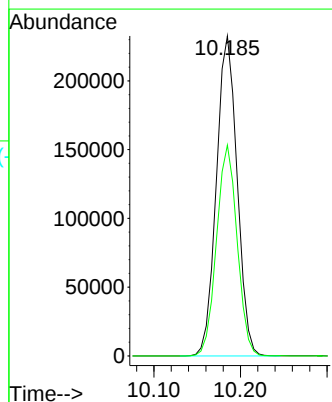
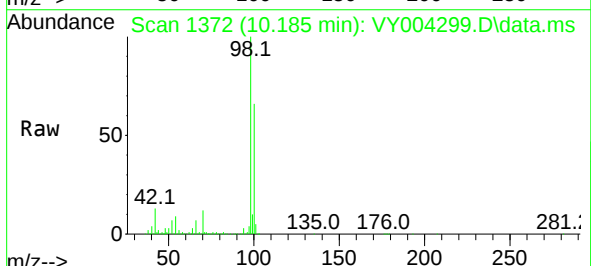
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_1-1.5

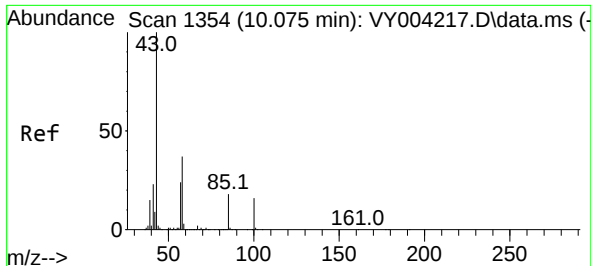
Tgt Ion:117 Resp: 18063
Ion Ratio Lower Upper
117 100
119 5.5 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 58.13 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

Tgt Ion: 98 Resp: 387041
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

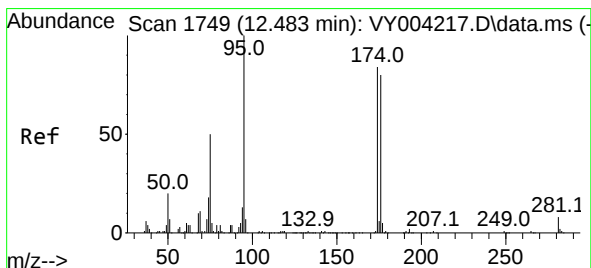
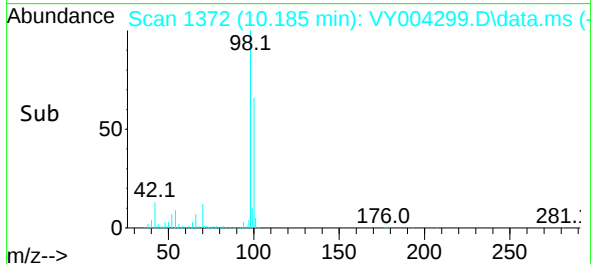
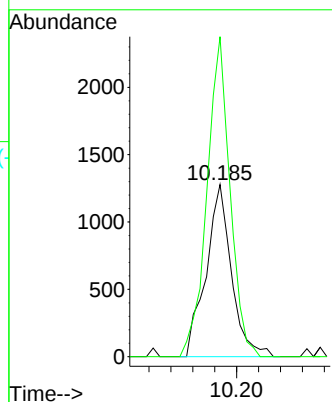
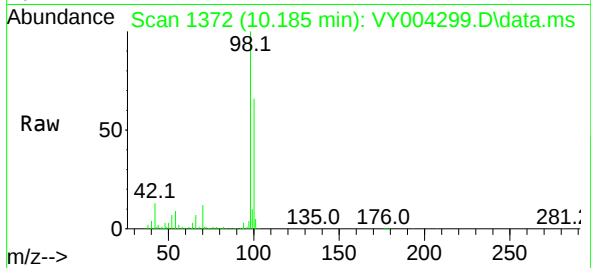




#51
4-Methyl-2-Pentanone
Concen: 1.25 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

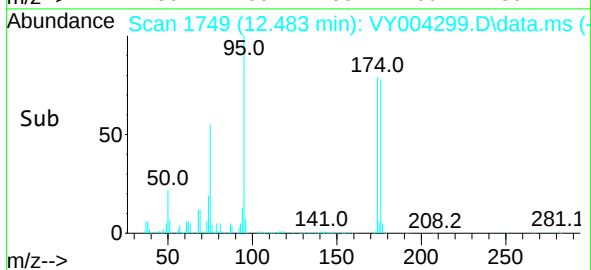
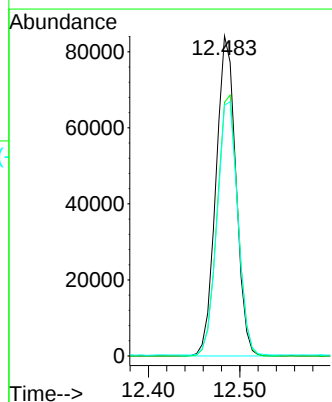
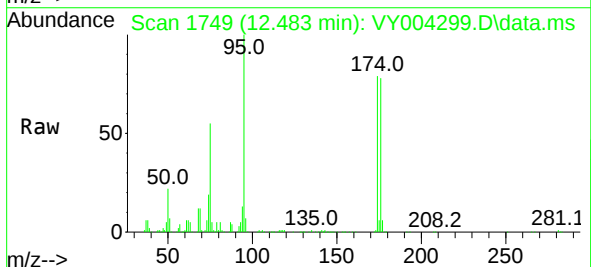
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_1-1.5

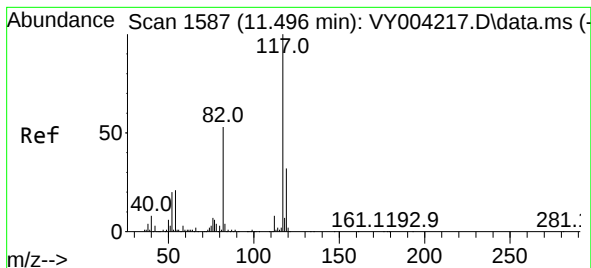
Tgt Ion: 43 Resp: 2056
Ion Ratio Lower Upper
43 100
58 168.6 30.6 45.8#



#62
4-Bromofluorobenzene
Concen: 55.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

Tgt Ion: 95 Resp: 127707
Ion Ratio Lower Upper
95 100
174 84.2 0.0 171.4
176 81.9 0.0 165.6

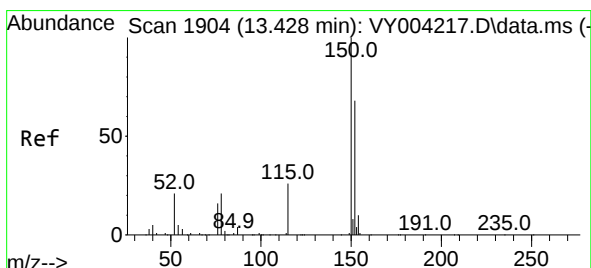
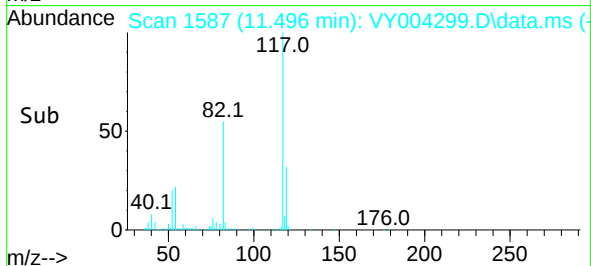
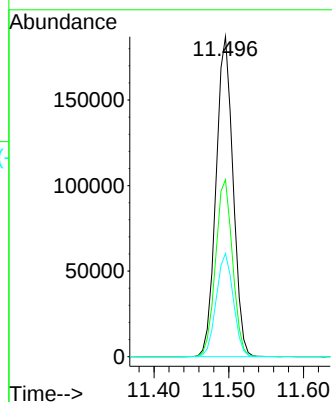
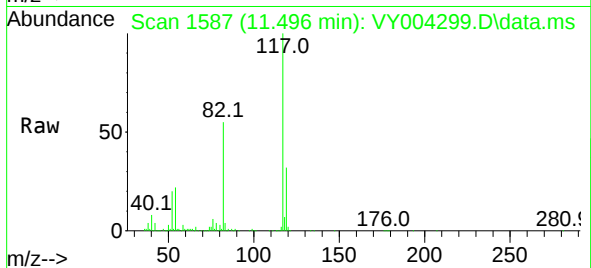




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

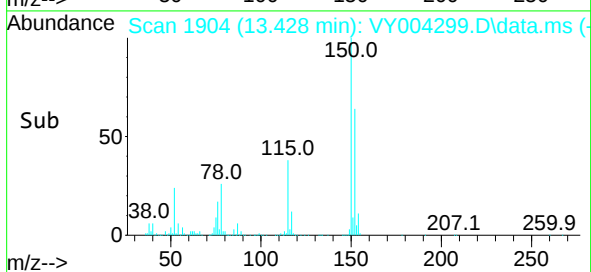
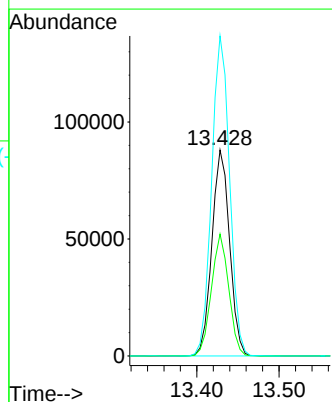
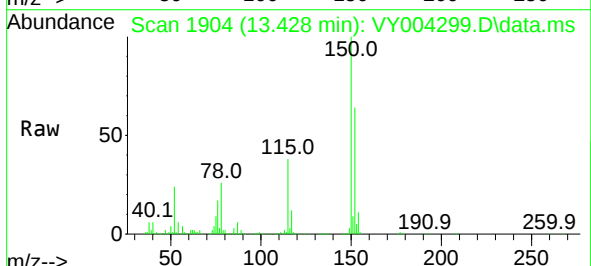
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_1-1.5

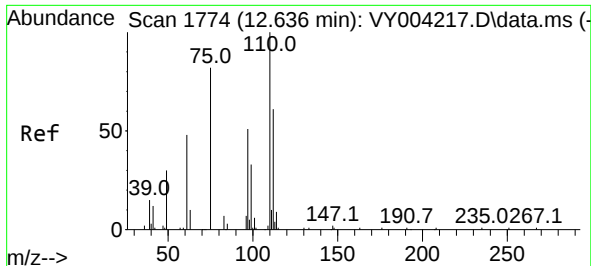
Tgt Ion:117 Resp: 295611
Ion Ratio Lower Upper
117 100
82 55.3 42.7 64.1
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

Tgt Ion:152 Resp: 131720
Ion Ratio Lower Upper
152 100
115 58.1 29.0 87.1
150 157.0 0.0 347.4

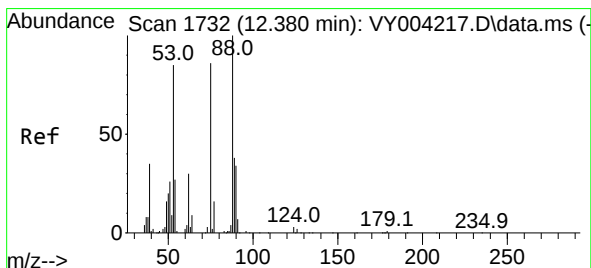
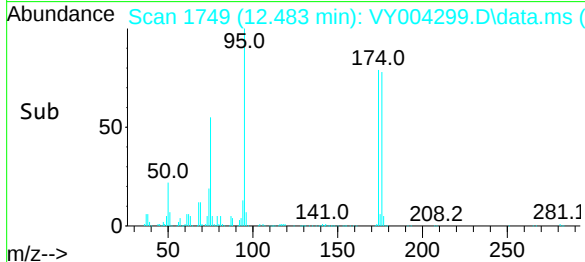
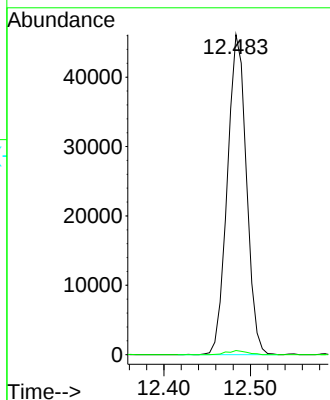
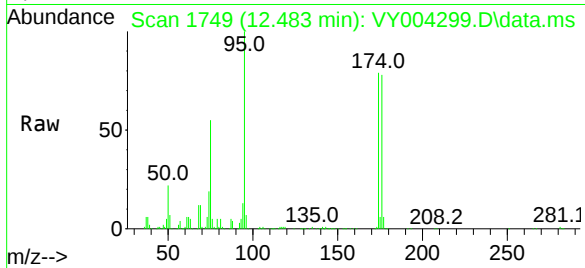




#76
1,2,3-Trichloropropane
Concen: 59.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

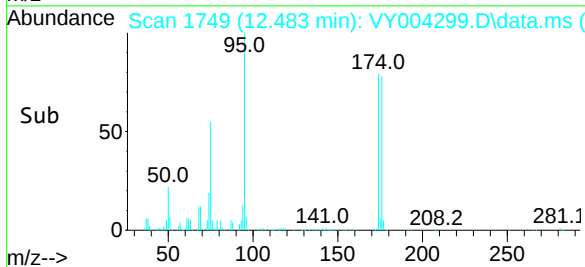
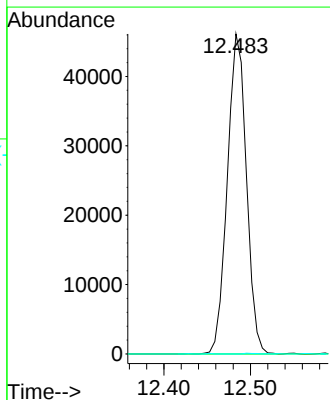
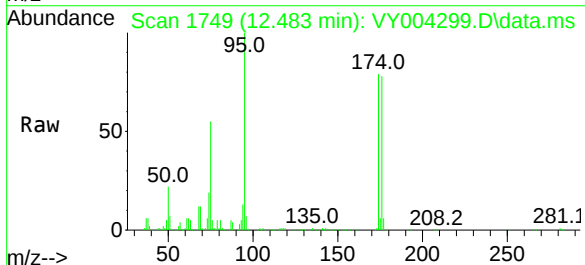
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_1-1.5

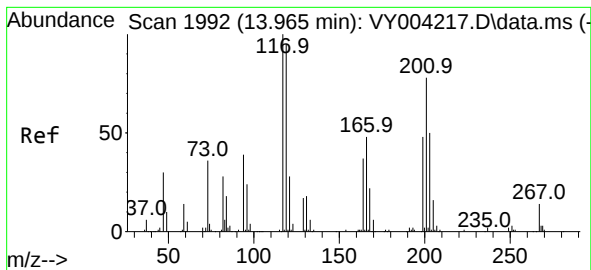
Tgt Ion: 75 Resp: 70612
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.80 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

Tgt Ion: 75 Resp: 70612
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: 13.873 min Scan# 1977
 Delta R.T. -0.092 min
 Lab File: VY004299.D
 Acq: 06 Apr 2021 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_04_1-1.5

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

