

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004301.D
 Acq On : 06 Apr 2021 16:22
 Operator : SY/MD
 Sample : M1933-17
 Misc : 5.08g/5mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_05_2-2.5

Quant Time: Apr 07 01:00:18 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)

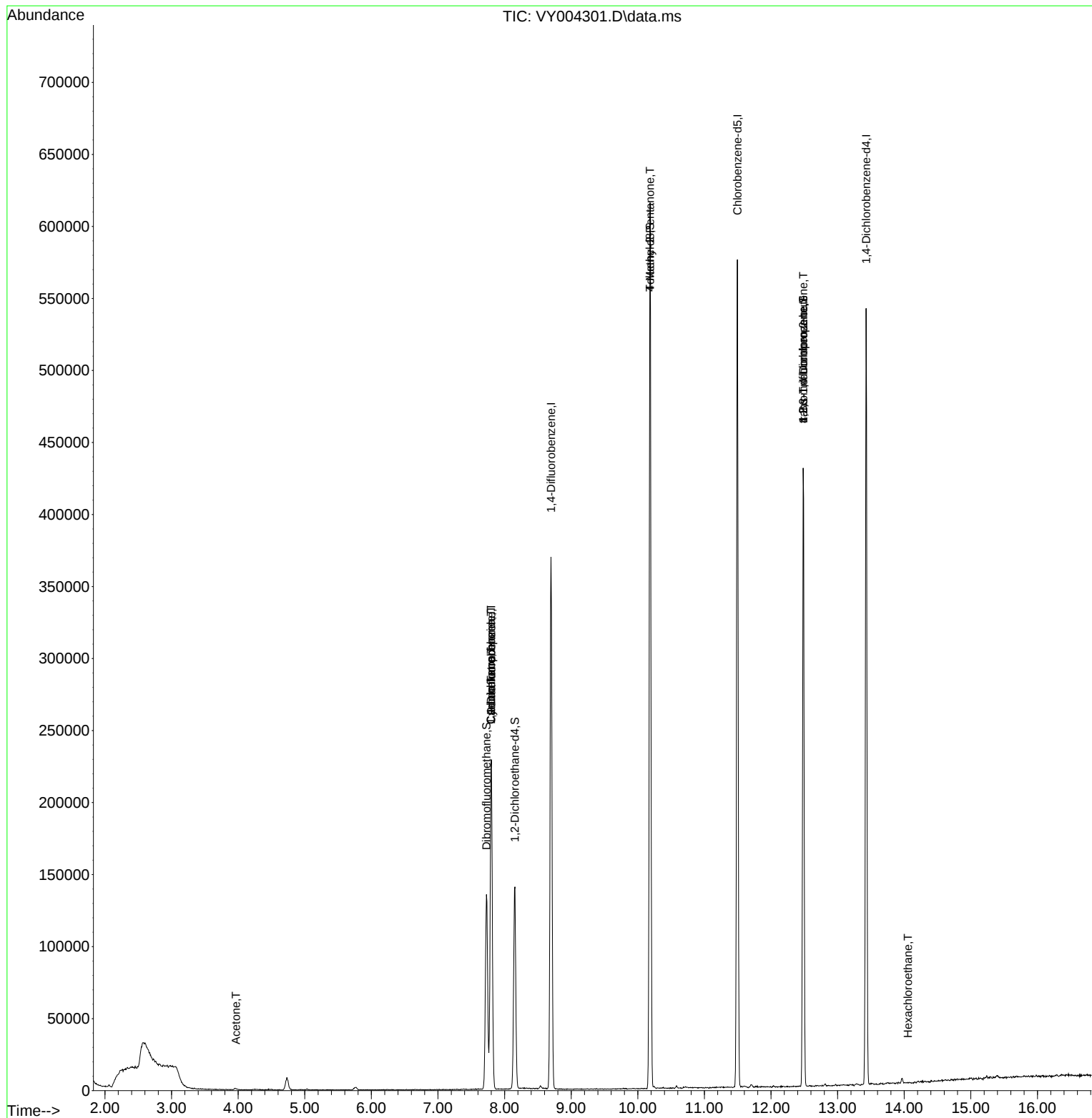
Internal Standards						
1) Pentafluorobenzene	7.801	168	178556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	290837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	108589	63.26	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.52%			
35) Dibromofluoromethane	7.728	113	94541	54.51	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.02%			
50) Toluene-d8	10.185	98	382335	58.61	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.22%			
62) 4-Bromofluorobenzene	12.483	95	127539	57.05	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.10%			
Target Compounds					Qvalue	
16) Acetone	3.966	43	1739	4.86	ug/l	90
31) Cyclohexane	7.795	56	4083	1.35	ug/l #	26
36) 1,1-Dichloropropene	7.795	75	14033	4.94	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17224	6.97	ug/l #	16
49) 1,4-Dioxane	9.301	88	34	Below Cal	#	29
51) 4-Methyl-2-Pentanone	10.185	43	2123	1.32	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	69657	57.86	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69657	106.63	ug/l #	10
90) Hexachloroethane	14.056	117	20	7.31	ug/l #	12

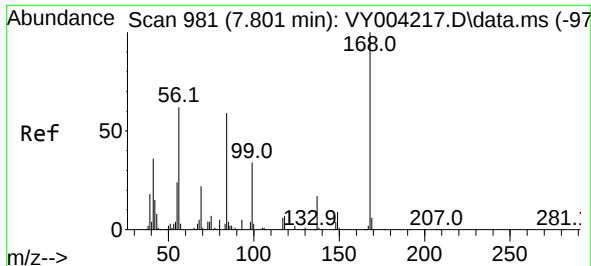
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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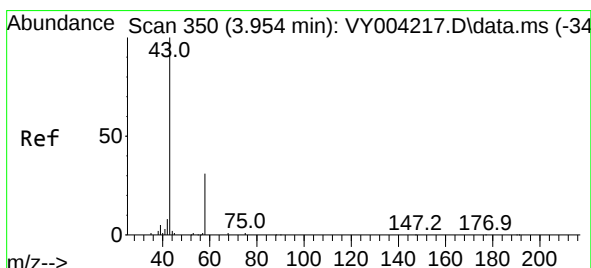
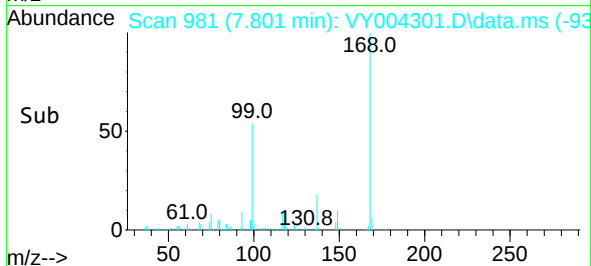
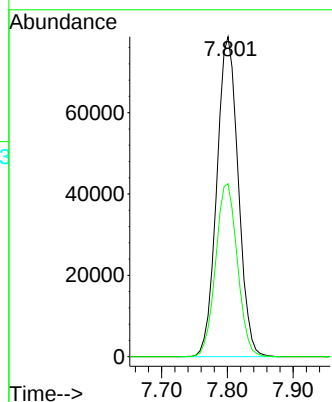
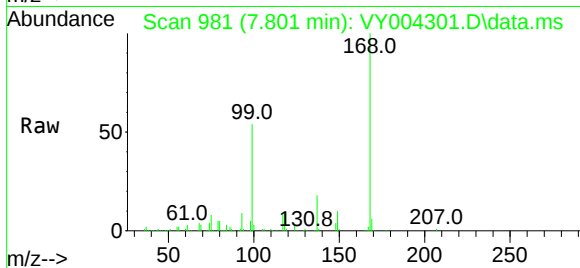




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004301.D
Acq: 06 Apr 2021 16:22

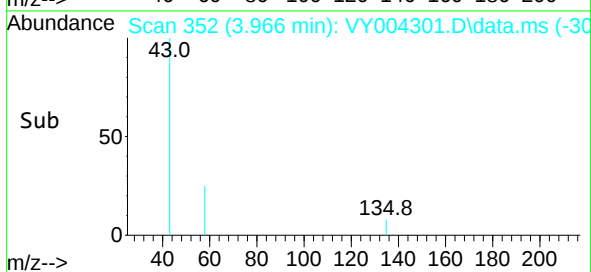
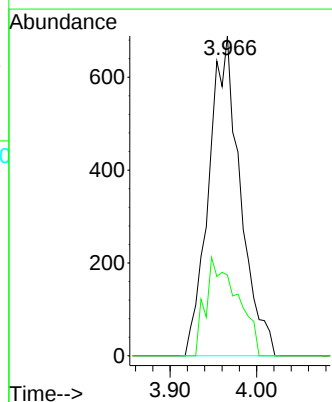
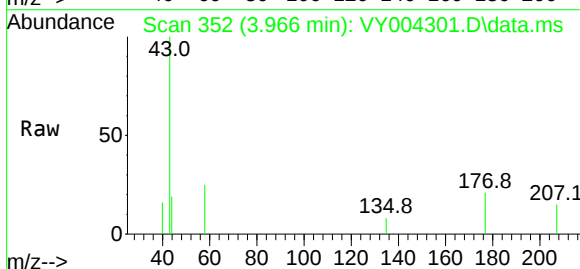
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_2-2.5

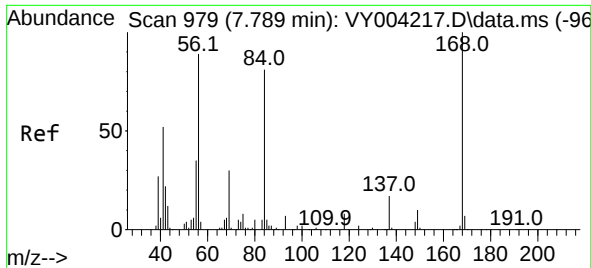
Tgt Ion:168 Resp: 178556
Ion Ratio Lower Upper
168 100
99 54.1 42.6 64.0



#16
Acetone
Concen: 4.86 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004301.D
Acq: 06 Apr 2021 16:22

Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
58 25.3 24.5 36.7

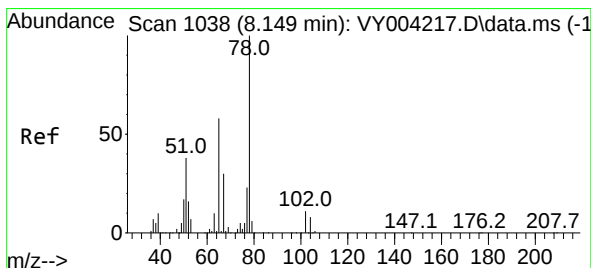
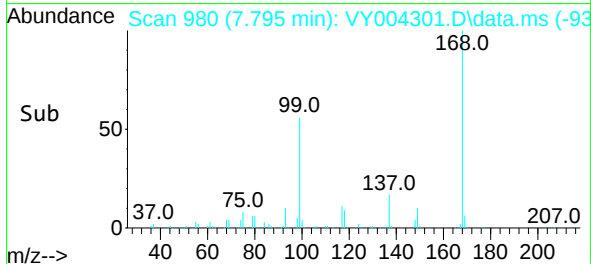
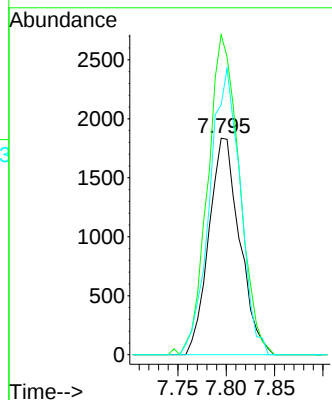
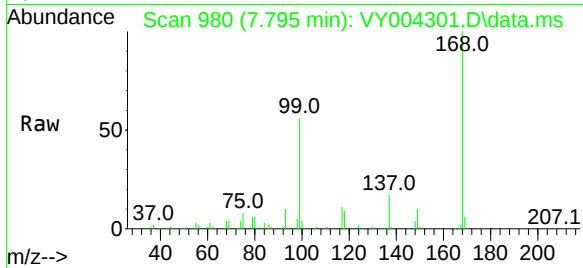




#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004301.D
Acq: 06 Apr 2021 16:22

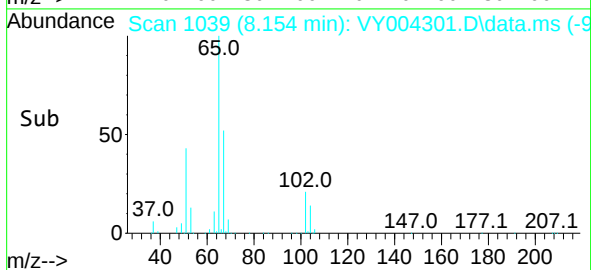
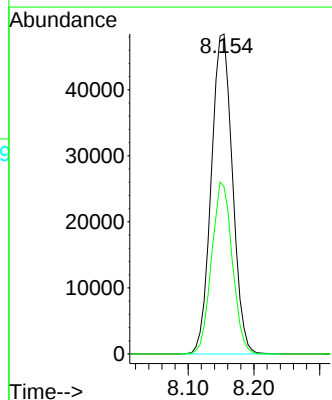
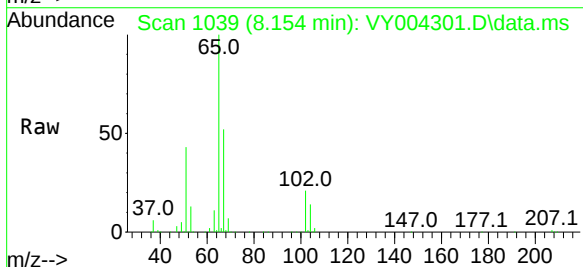
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_2-2.5

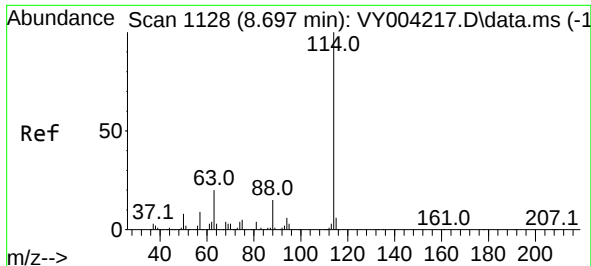
Tgt Ion: 56 Resp: 4083
Ion Ratio Lower Upper
56 100
69 147.8 26.6 40.0#
84 115.5 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 63.26 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004301.D
Acq: 06 Apr 2021 16:22

Tgt Ion: 65 Resp: 108589
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.2

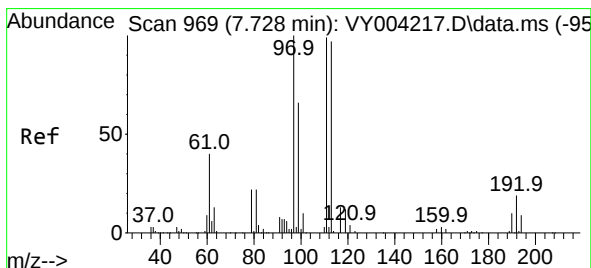
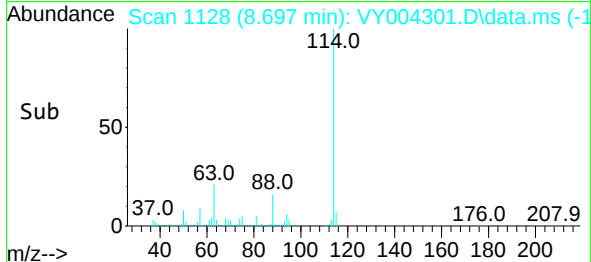
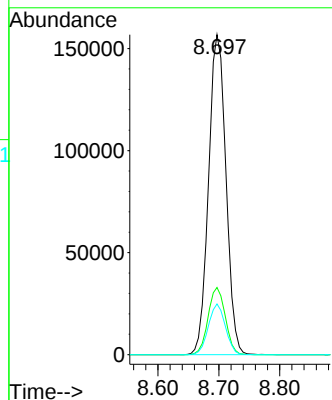
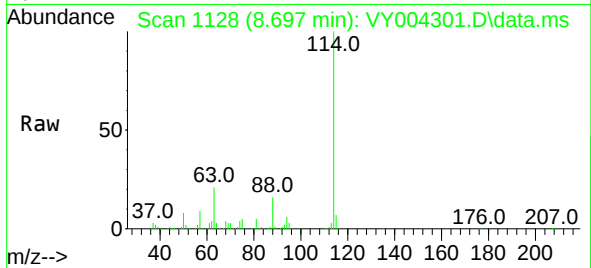




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004301.D
Acq: 06 Apr 2021 16:22

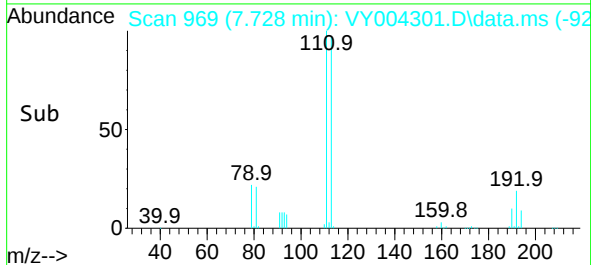
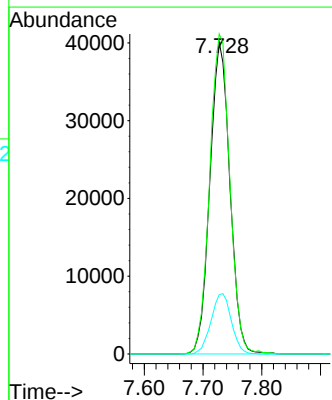
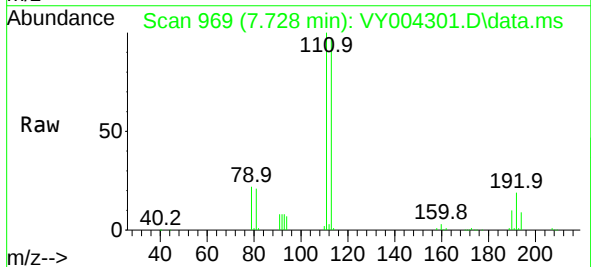
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_2-2.5

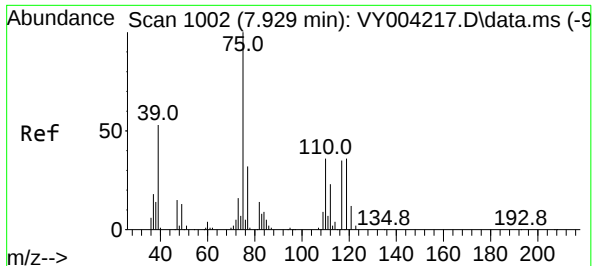
Tgt Ion:114 Resp: 311278
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 15.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.51 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004301.D
Acq: 06 Apr 2021 16:22

Tgt Ion:113 Resp: 94541
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 19.7 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.94 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.135 min

Lab File: VY004301.D

Acq: 06 Apr 2021 16:22

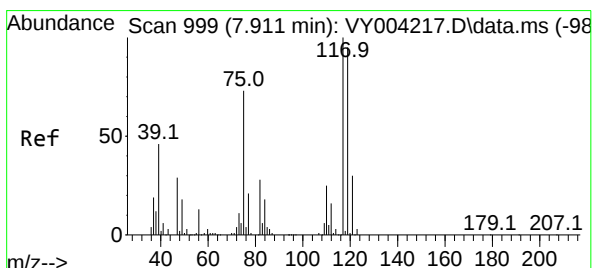
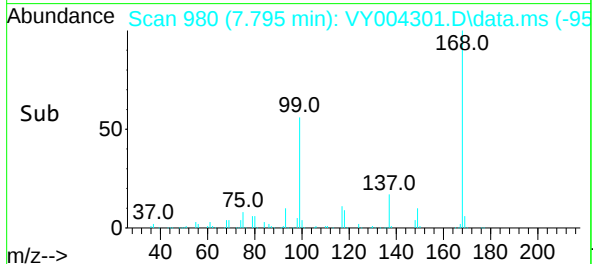
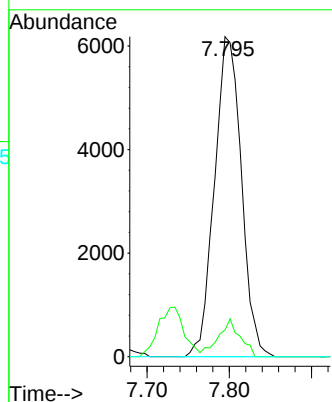
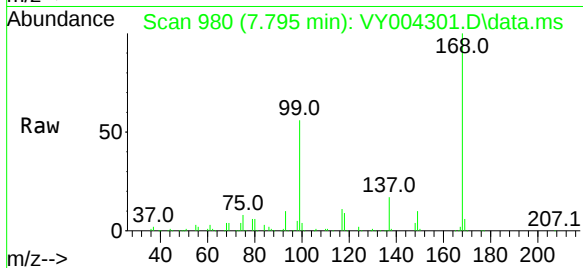
Instrument :

MSVOA_Y

ClientSampleId :

BENNETT_BH_05_2-2.5

Tgt Ion: 75	Resp: 14033
Ion Ratio	Lower Upper
75 100	
110 9.5	18.1 54.3#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.97 ug/l

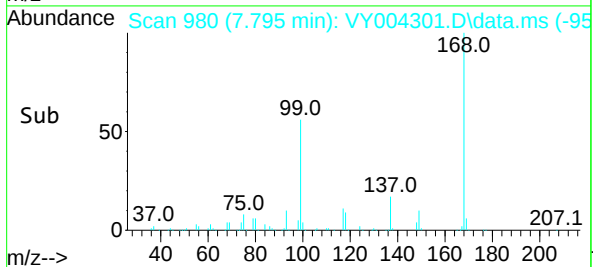
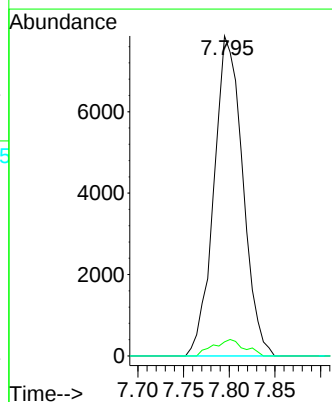
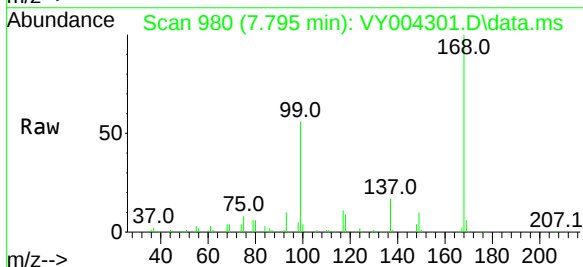
RT: 7.795 min Scan# 980

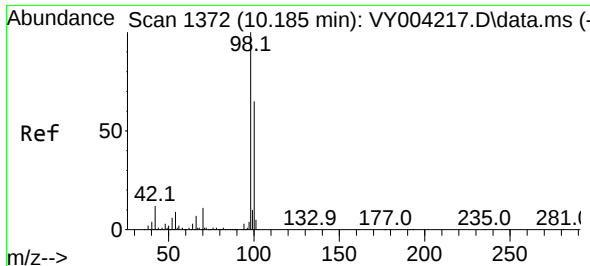
Delta R.T. -0.116 min

Lab File: VY004301.D

Acq: 06 Apr 2021 16:22

Tgt Ion: 117	Resp: 17224
Ion Ratio	Lower Upper
117 100	
119 4.4	75.6 113.4#
121 0.0	24.3 36.5#

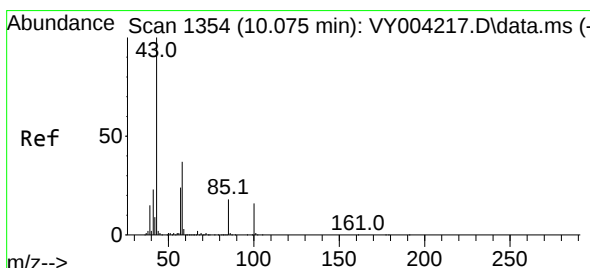
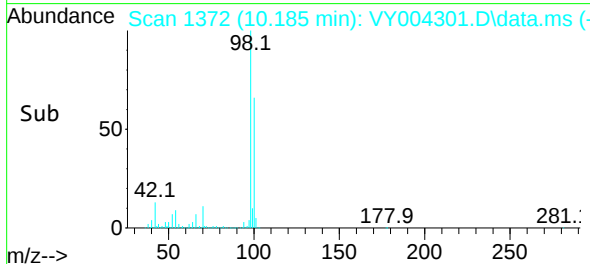
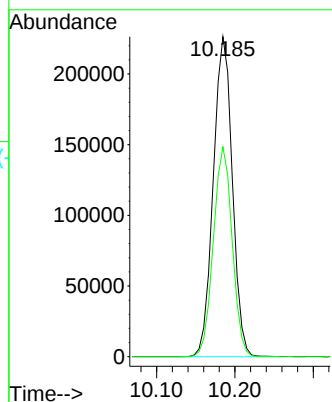
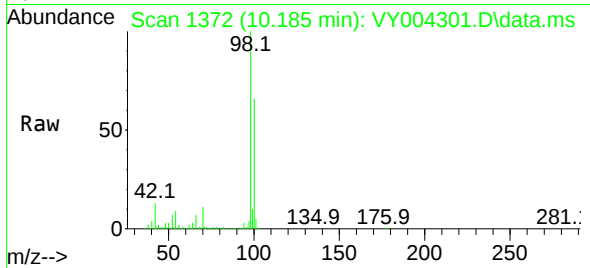




#50
Toluene-d8
Concen: 58.61 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004301.D
Acq: 06 Apr 2021 16:22

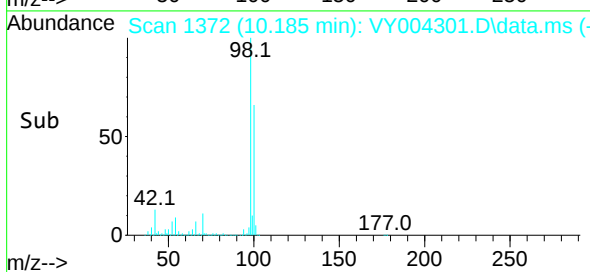
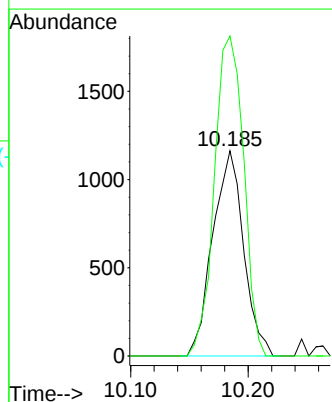
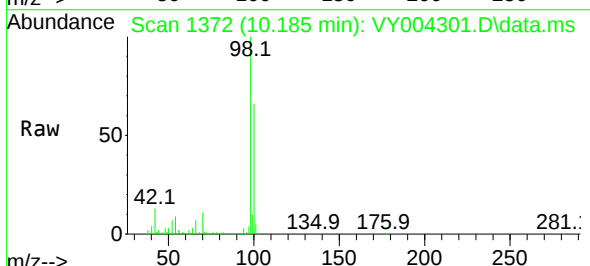
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MSVOA_Y
ClientSampleId :
BENNETT_BH_05_2-2.5

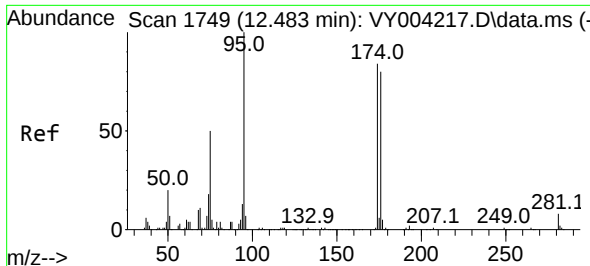
Tgt Ion: 98 Resp: 382335
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.32 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.109 min
Lab File: VY004301.D
Acq: 06 Apr 2021 16:22

Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
58 147.9 30.6 45.8#

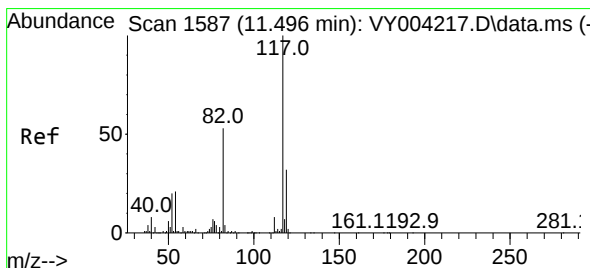
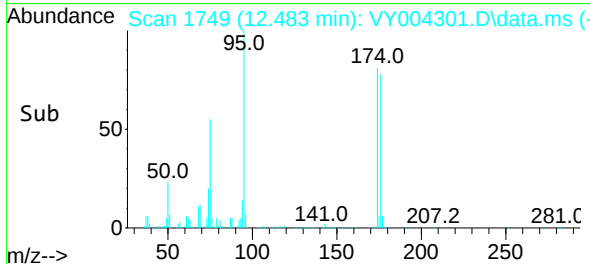
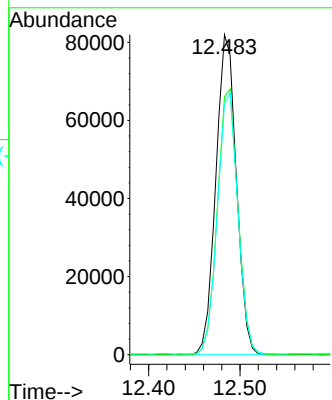
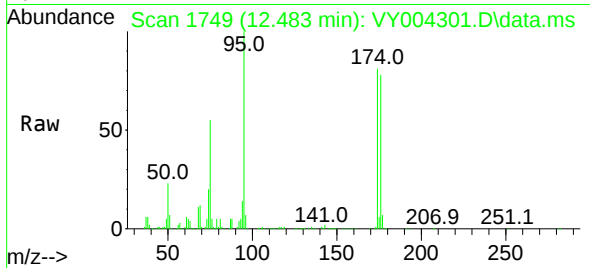




#62
4-Bromofluorobenzene
Concen: 57.05 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004301.D
Acq: 06 Apr 2021 16:22

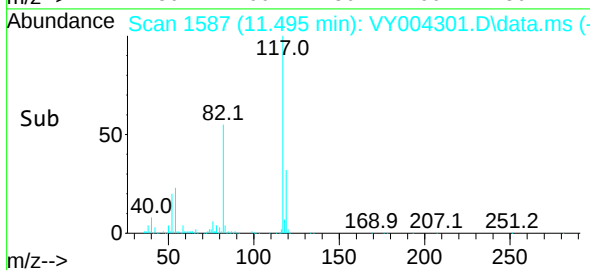
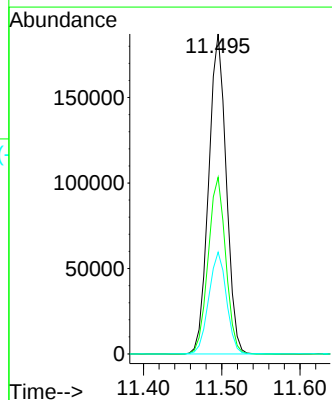
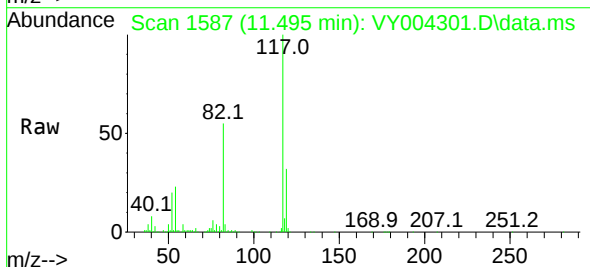
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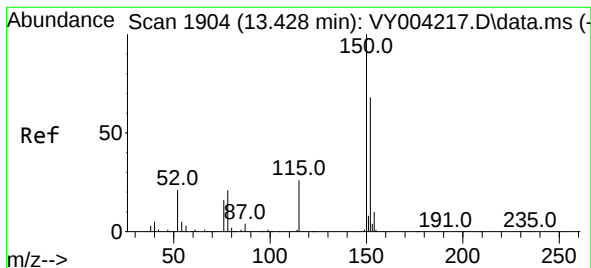
Tgt Ion: 95 Resp: 127539
Ion Ratio Lower Upper
95 100
174 83.7 0.0 171.4
176 81.7 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004301.D
Acq: 06 Apr 2021 16:22

Tgt Ion: 117 Resp: 290837
Ion Ratio Lower Upper
117 100
82 55.2 42.7 64.1
119 31.8 25.7 38.5

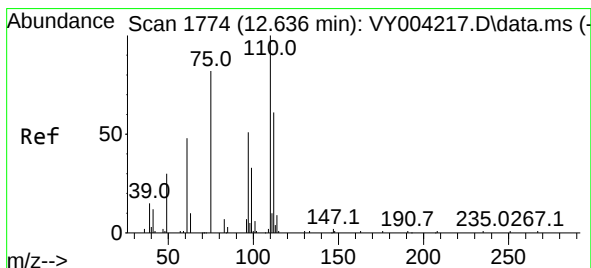
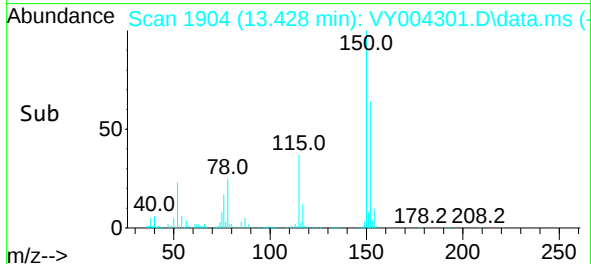
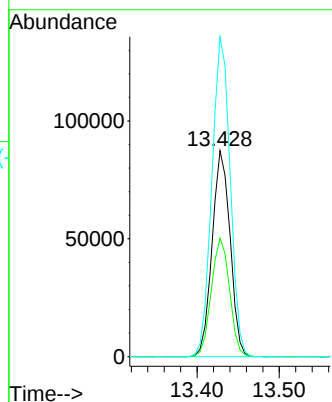
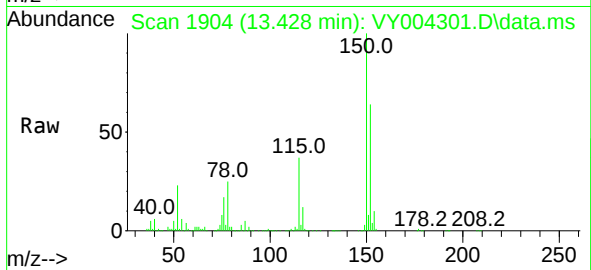




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004301.D
 Acq: 06 Apr 2021 16:22

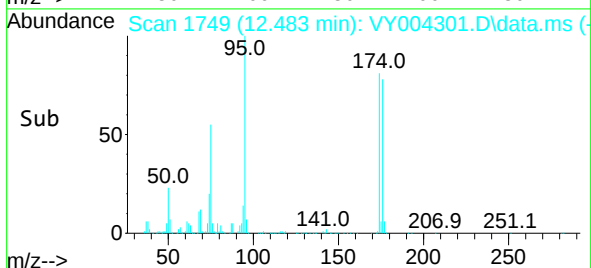
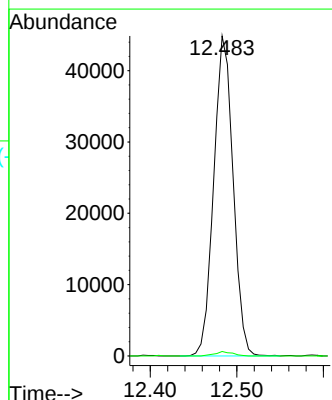
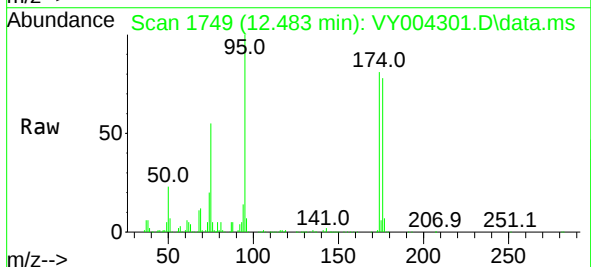
Instrument :
 MSVOA_Y
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 BENNETT_BH_05_2-2.5

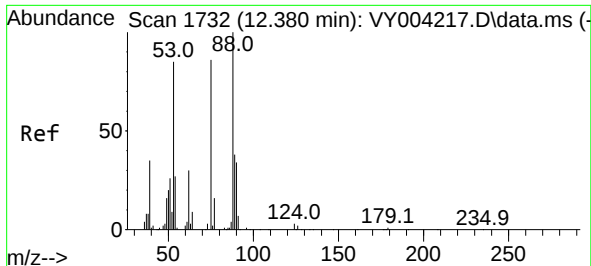
Tgt Ion:152 Resp: 132585
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.0 87.1
 150 158.0 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 57.86 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004301.D
 Acq: 06 Apr 2021 16:22

Tgt Ion: 75 Resp: 69657
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

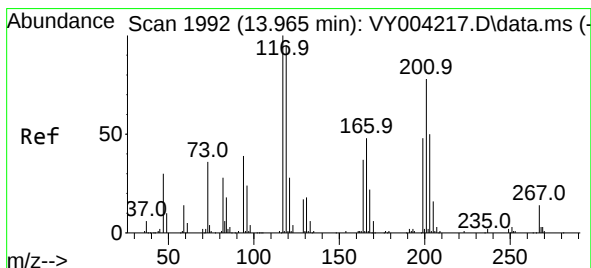
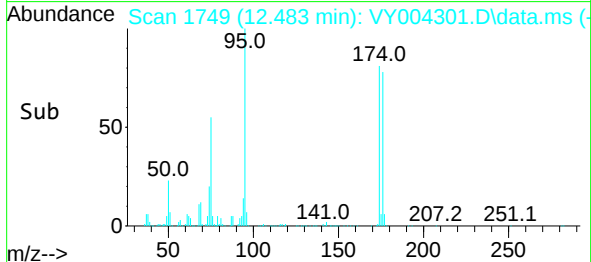
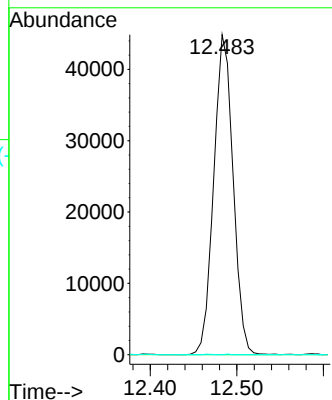
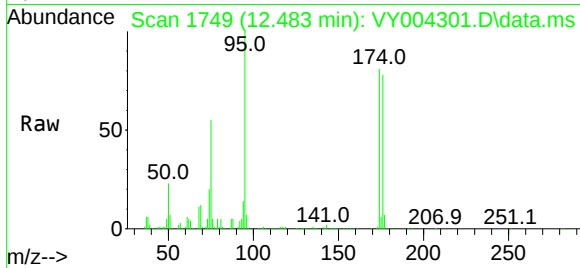




#81
trans-1,4-Dichloro-2-butene
Concen: 106.63 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004301.D
Acq: 06 Apr 2021 16:22

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_2-2.5

Tgt Ion: 75 Resp: 69657
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: 14.056 min Scan# 2007
Delta R.T. 0.091 min
Lab File: VY004301.D
Acq: 06 Apr 2021 16:22

Tgt Ion: 117 Resp: 20
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

