

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004305.D
 Acq On : 06 Apr 2021 17:55
 Operator : SY/MD
 Sample : M1933-11
 Misc : 4.63g/5mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_04_2-2.5

Quant Time: Apr 07 01:01:24 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)

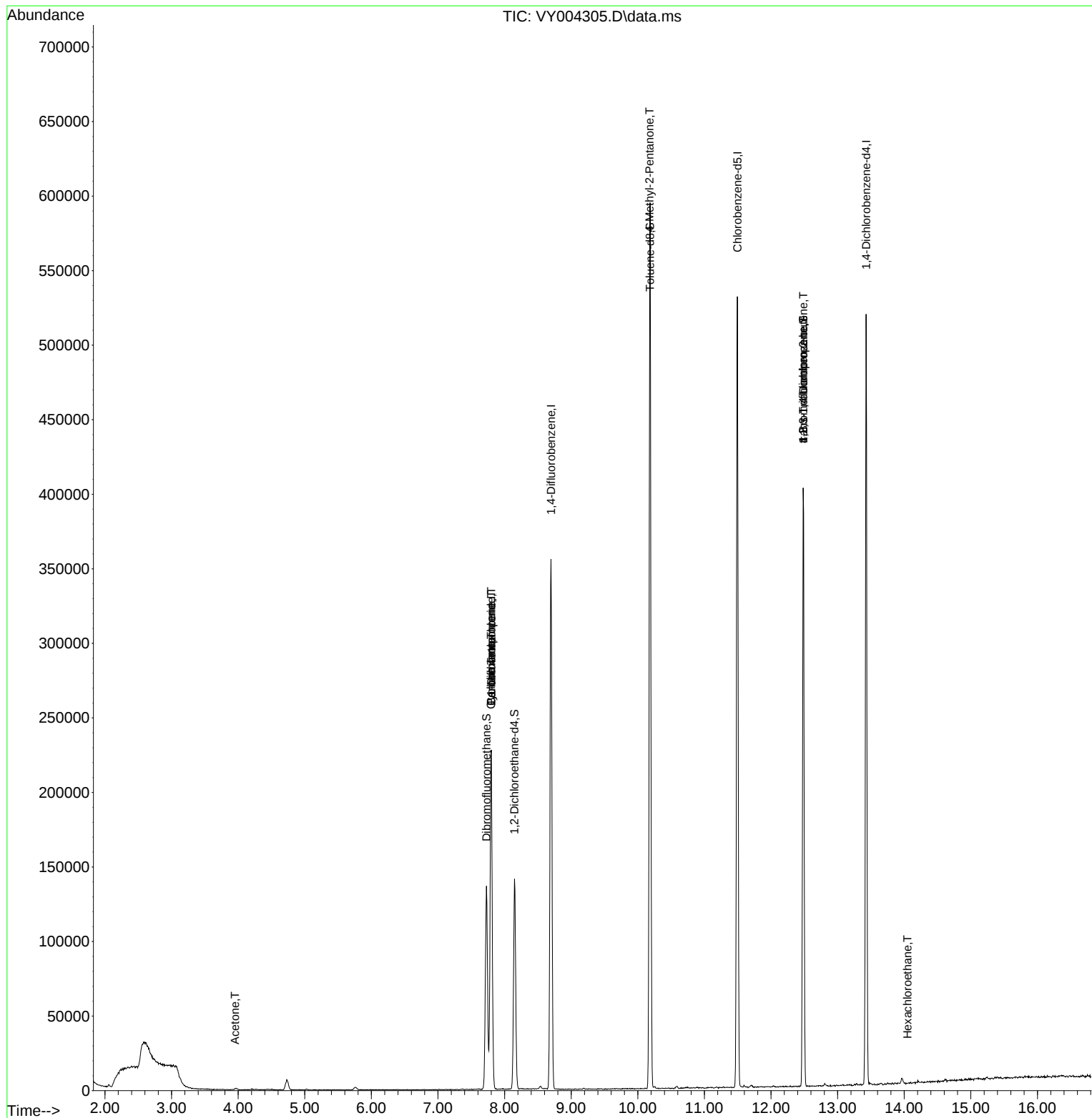
Internal Standards						
1) Pentafluorobenzene	7.801	168	173503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	300891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107439	64.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.84%
35) Dibromofluoromethane	7.728	113	92572	55.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.44%
50) Toluene-d8	10.185	98	370180	58.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.42%
62) 4-Bromofluorobenzene	12.483	95	121447	56.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.40%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1526	4.39	ug/l #	86
31) Cyclohexane	7.795	56	4054	1.38	ug/l #	12
36) 1,1-Dichloropropene	7.801	75	13894	5.06	ug/l #	48
38) Carbon Tetrachloride	7.801	117	17307	7.25	ug/l #	17
49) 1,4-Dioxane	9.301	88	20	Below Cal	#	29
51) 4-Methyl-2-Pentanone	10.179	43	1896	1.22	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	66534	58.78	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66534	108.34	ug/l #	10
90) Hexachloroethane	14.050	117	23	7.31	ug/l #	12

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

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BENNETT_BH_04_2-2.5

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Response via : Initial Calibration

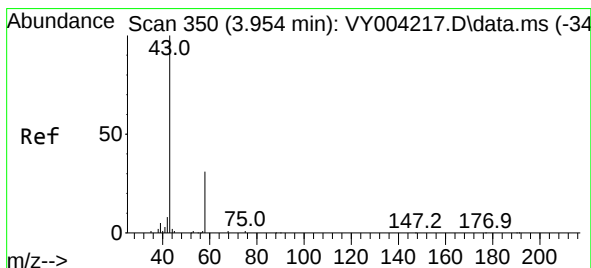
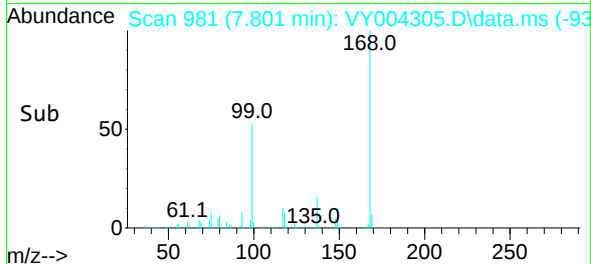
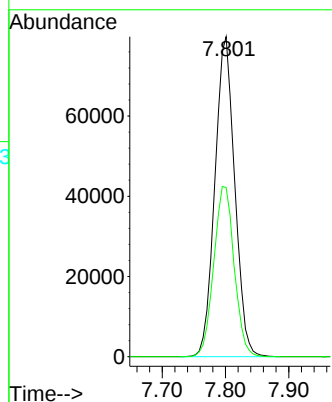
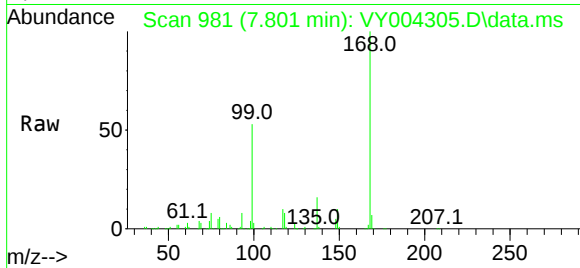




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

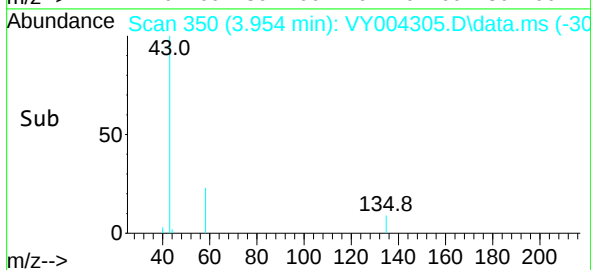
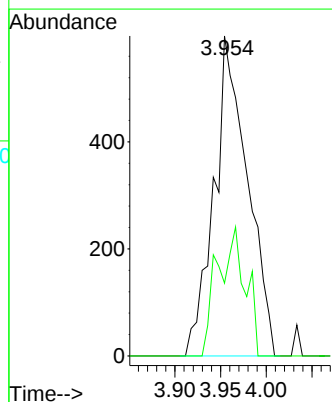
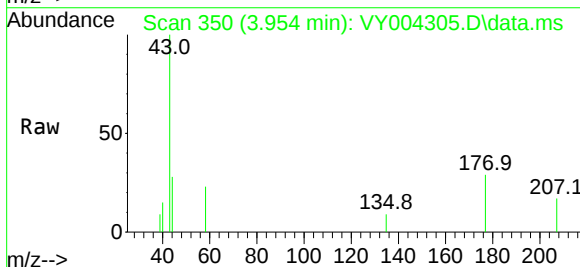
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_2-2.5

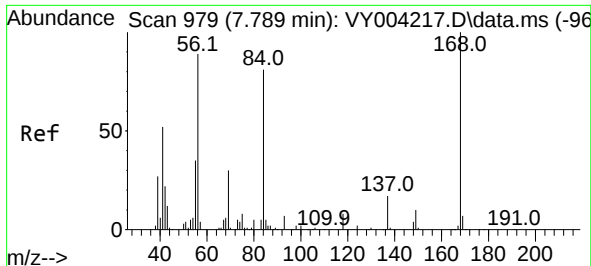
Tgt Ion:168 Resp: 173503
Ion Ratio Lower Upper
168 100
99 52.9 42.6 64.0



#16
Acetone
Concen: 4.39 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

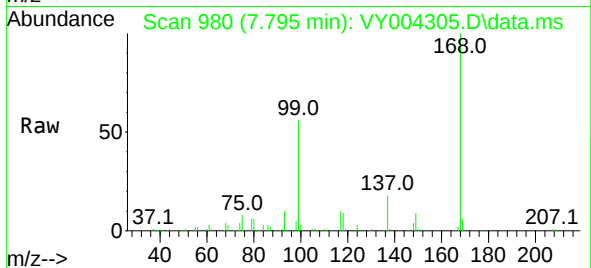
Tgt Ion: 43 Resp: 1526
Ion Ratio Lower Upper
43 100
58 22.7 24.5 36.7#



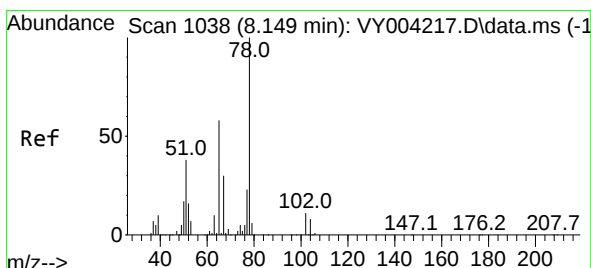
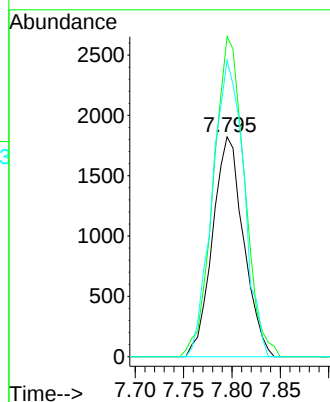
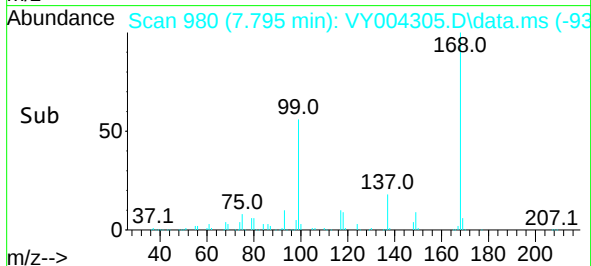


#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

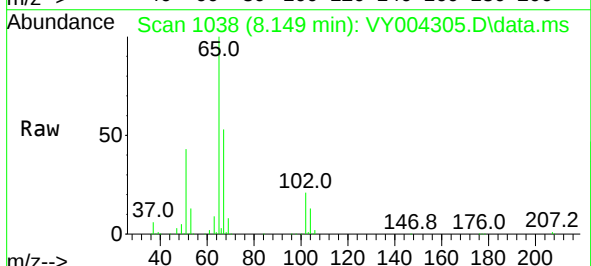
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_2-2.5



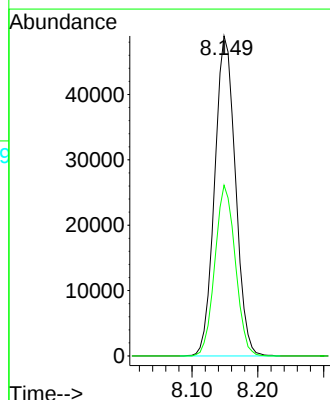
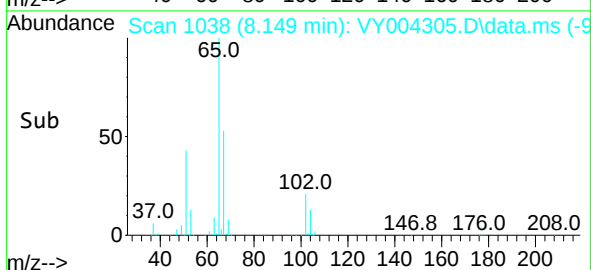
Tgt Ion: 56 Resp: 4054
Ion Ratio Lower Upper
56 100
69 145.5 26.6 40.0#
84 134.7 72.3 108.5#

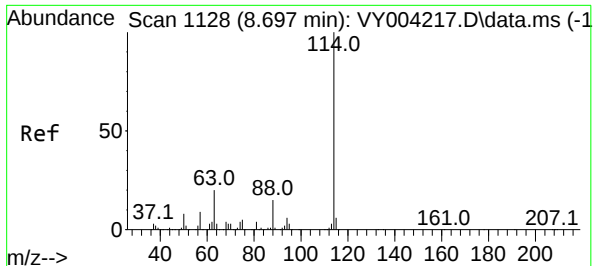


#33
1,2-Dichloroethane-d4
Concen: 64.42 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55



Tgt Ion: 65 Resp: 107439
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.2

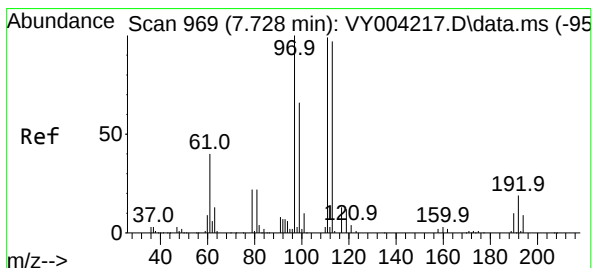
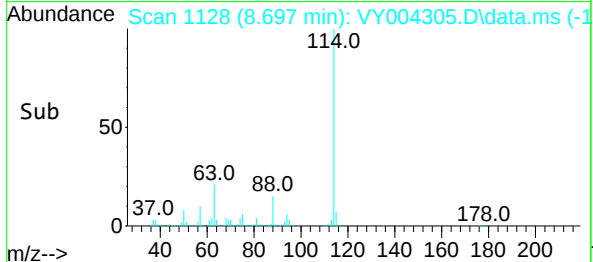
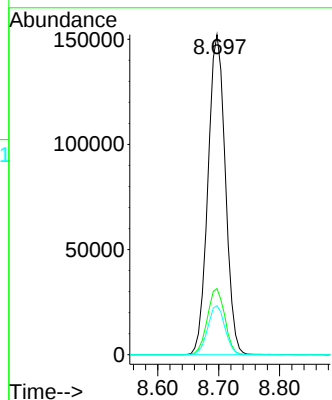
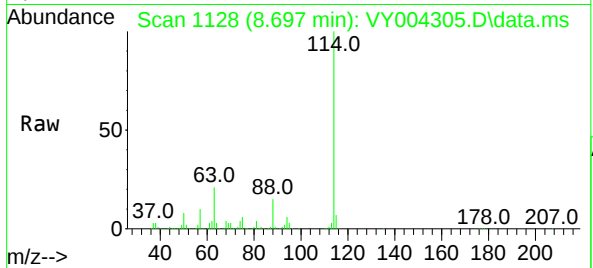




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

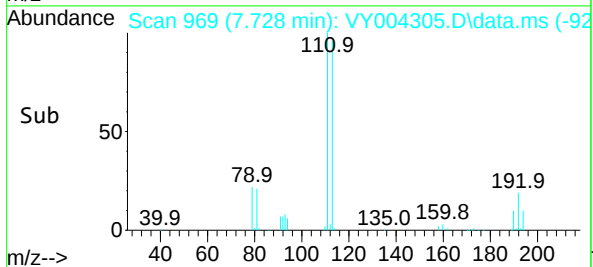
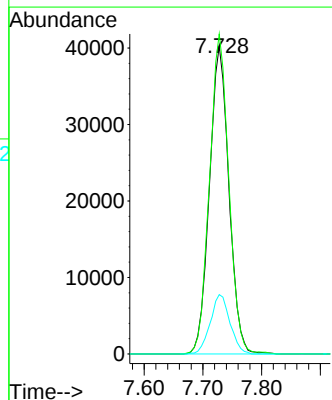
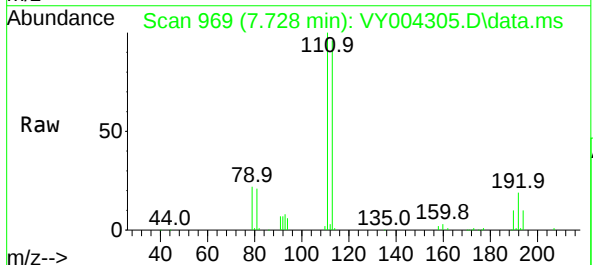
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_2-2.5

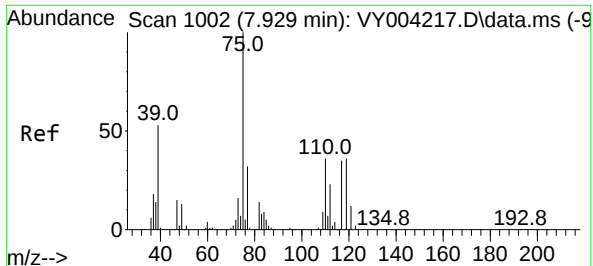
Tgt Ion:114 Resp: 300891
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.4
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.22 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

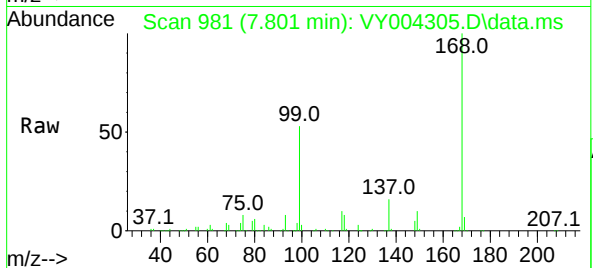
Tgt Ion:113 Resp: 92572
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.5 16.4 24.6



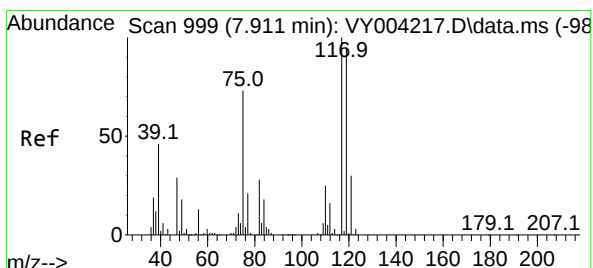
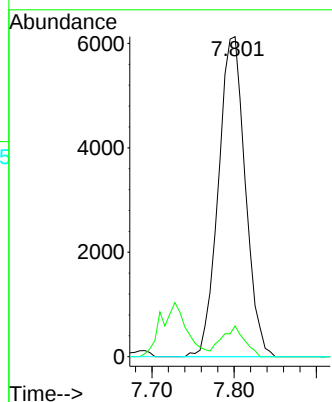
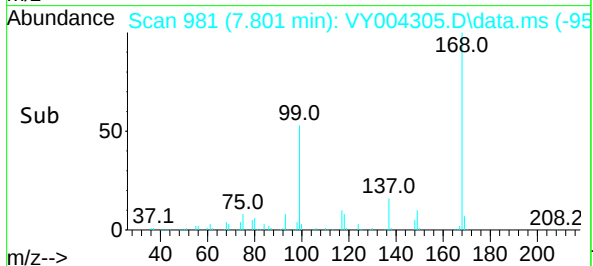


#36
1,1-Dichloropropene
Concen: 5.06 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

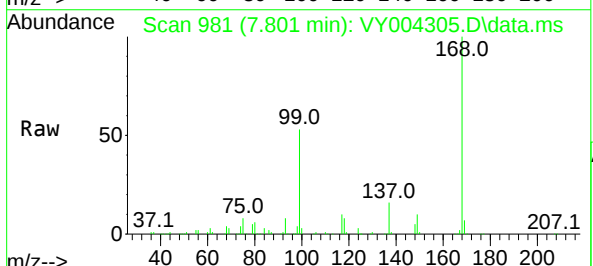
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_2-2.5



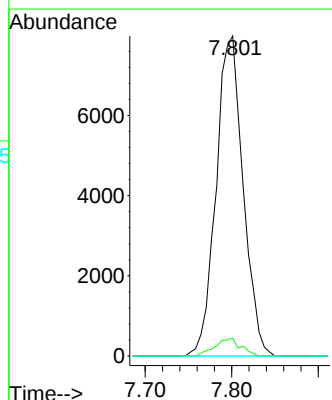
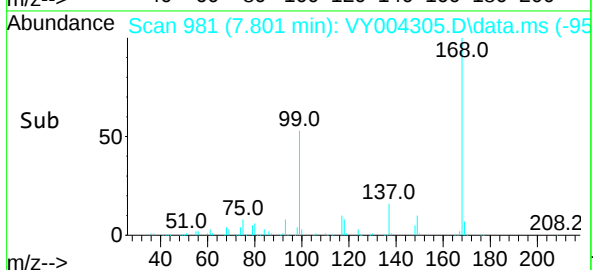
Tgt Ion: 75 Resp: 13894
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.3#
77 0.0 25.1 37.7#

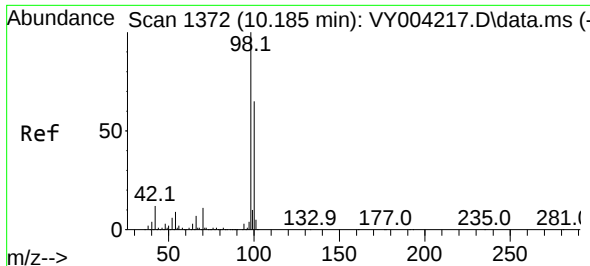


#38
Carbon Tetrachloride
Concen: 7.25 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55



Tgt Ion: 117 Resp: 17307
Ion Ratio Lower Upper
117 100
119 5.6 75.6 113.4#
121 0.0 24.3 36.5#

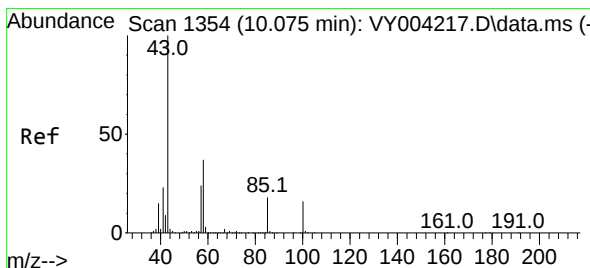
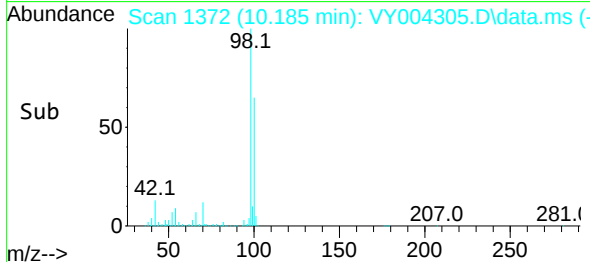
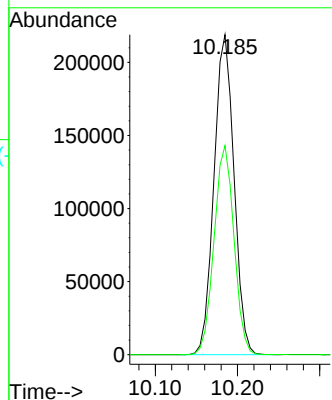
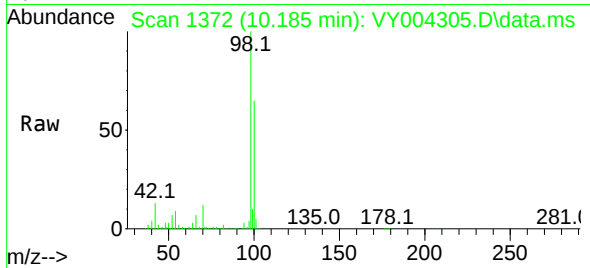




#50
Toluene-d8
Concen: 58.71 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

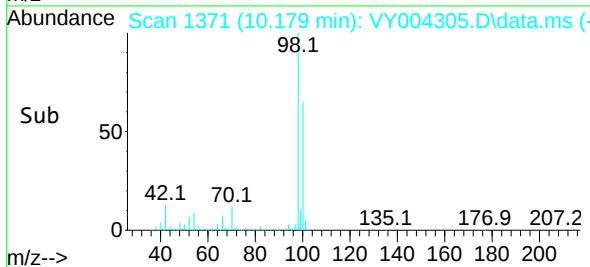
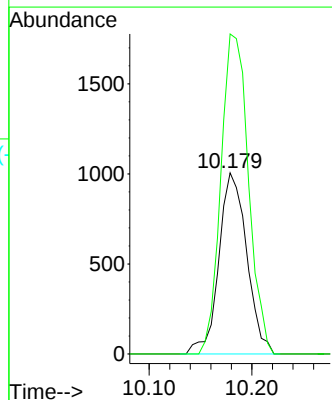
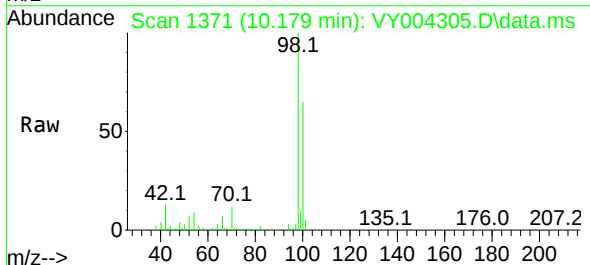
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ClientSampleId :
BENNETT_BH_04_2-2.5

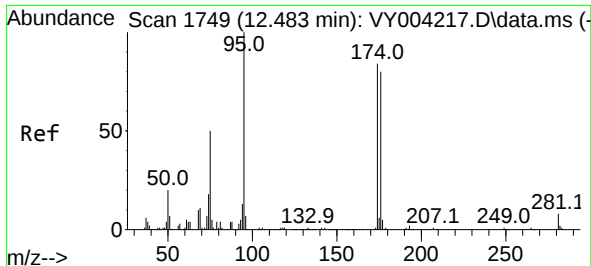
Tgt Ion: 98 Resp: 370180
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.22 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

Tgt Ion: 43 Resp: 1896
Ion Ratio Lower Upper
43 100
58 174.5 30.6 45.8#

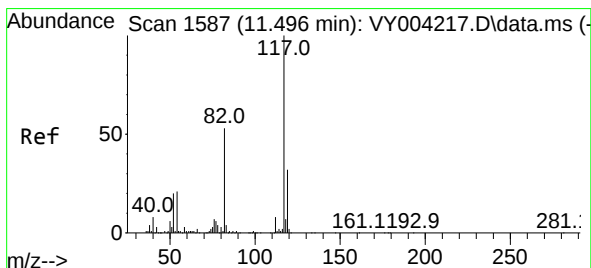
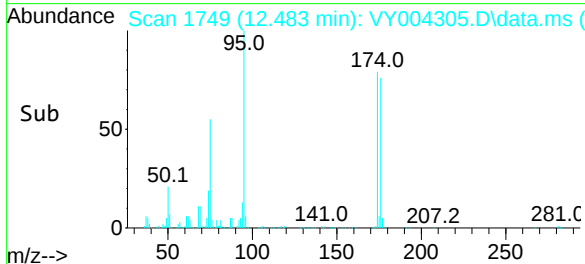
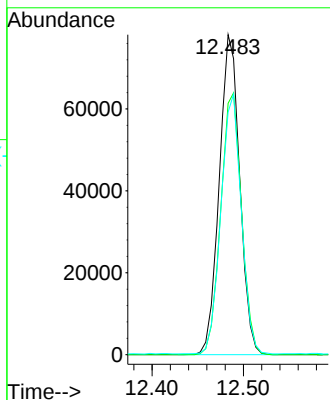
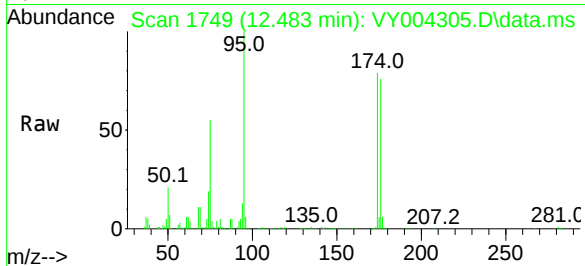




#62
4-Bromofluorobenzene
Concen: 56.20 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

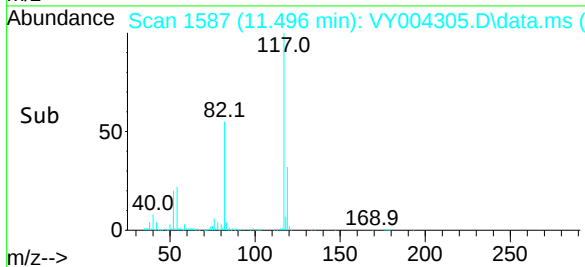
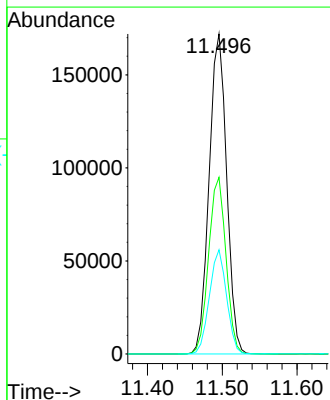
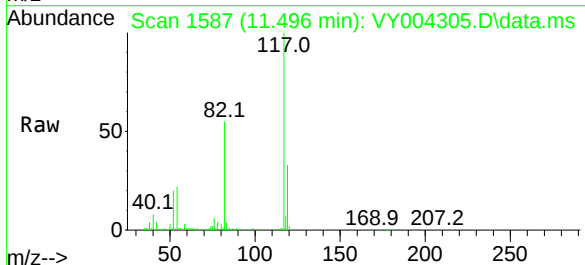
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BENNETT_BH_04_2-2.5

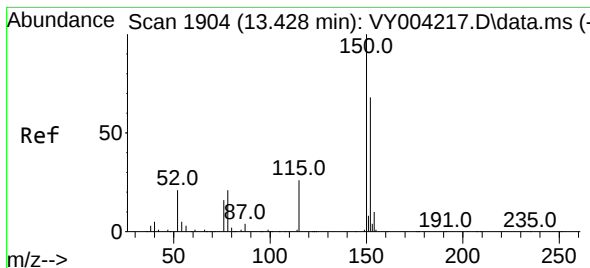
Tgt Ion: 95 Resp: 121447
Ion Ratio Lower Upper
95 100
174 83.2 0.0 171.4
176 81.1 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

Tgt Ion: 117 Resp: 280340
Ion Ratio Lower Upper
117 100
82 55.2 42.7 64.1
119 32.5 25.7 38.5

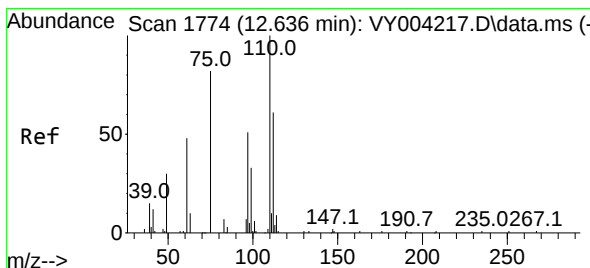
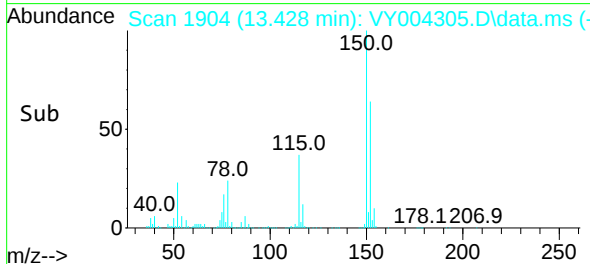
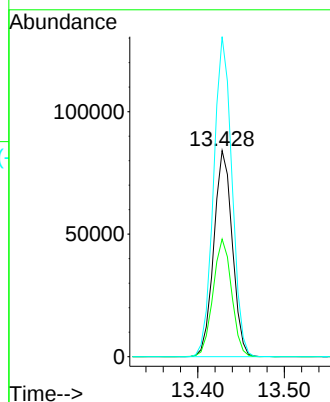
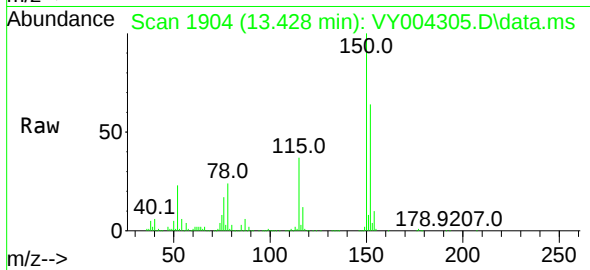




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004305.D
 Acq: 06 Apr 2021 17:55

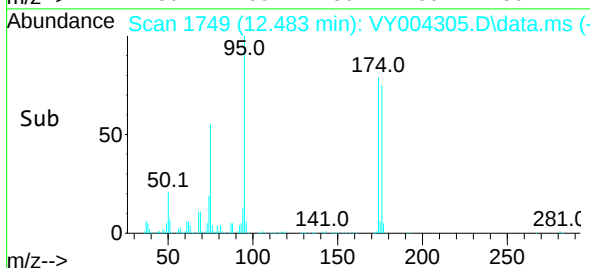
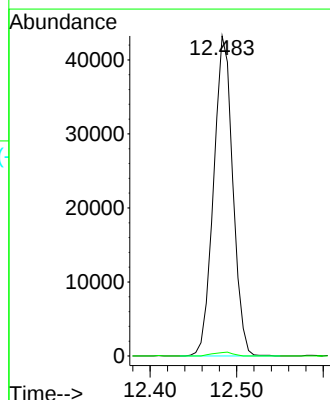
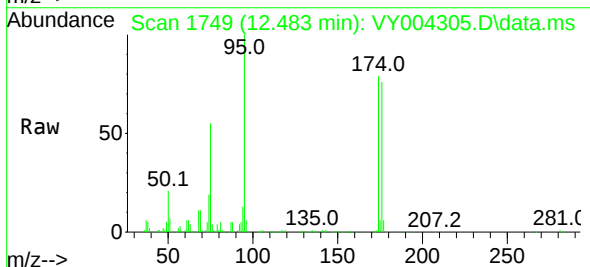
Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_04_2-2.5

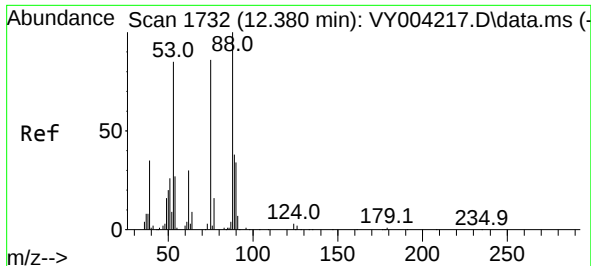
Tgt Ion:152 Resp: 124646
 Ion Ratio Lower Upper
 152 100
 115 57.3 29.0 87.1
 150 154.5 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 58.78 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004305.D
 Acq: 06 Apr 2021 17:55

Tgt Ion: 75 Resp: 66534
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

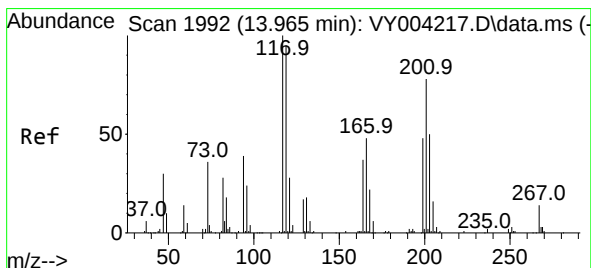
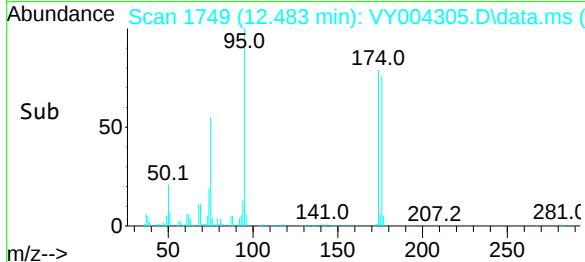
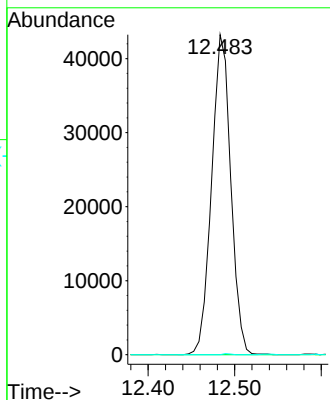
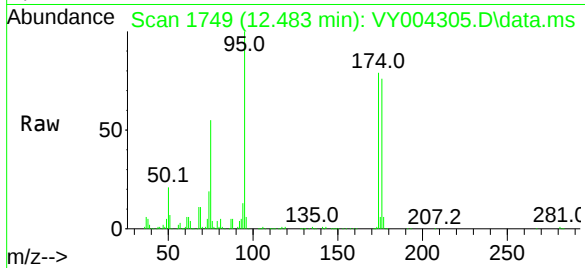




#81
trans-1,4-Dichloro-2-butene
Concen: 108.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_2-2.5

Tgt Ion: 75 Resp: 66534
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: 14.050 min Scan# 2006
Delta R.T. 0.085 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

Tgt Ion: 117 Resp: 23
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

