

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004300.D
 Acq On : 06 Apr 2021 15:59
 Operator : SY/MD
 Sample : M1933-13
 Misc : 4.94/5mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_05_0-1

Quant Time: Apr 07 01:00:02 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)

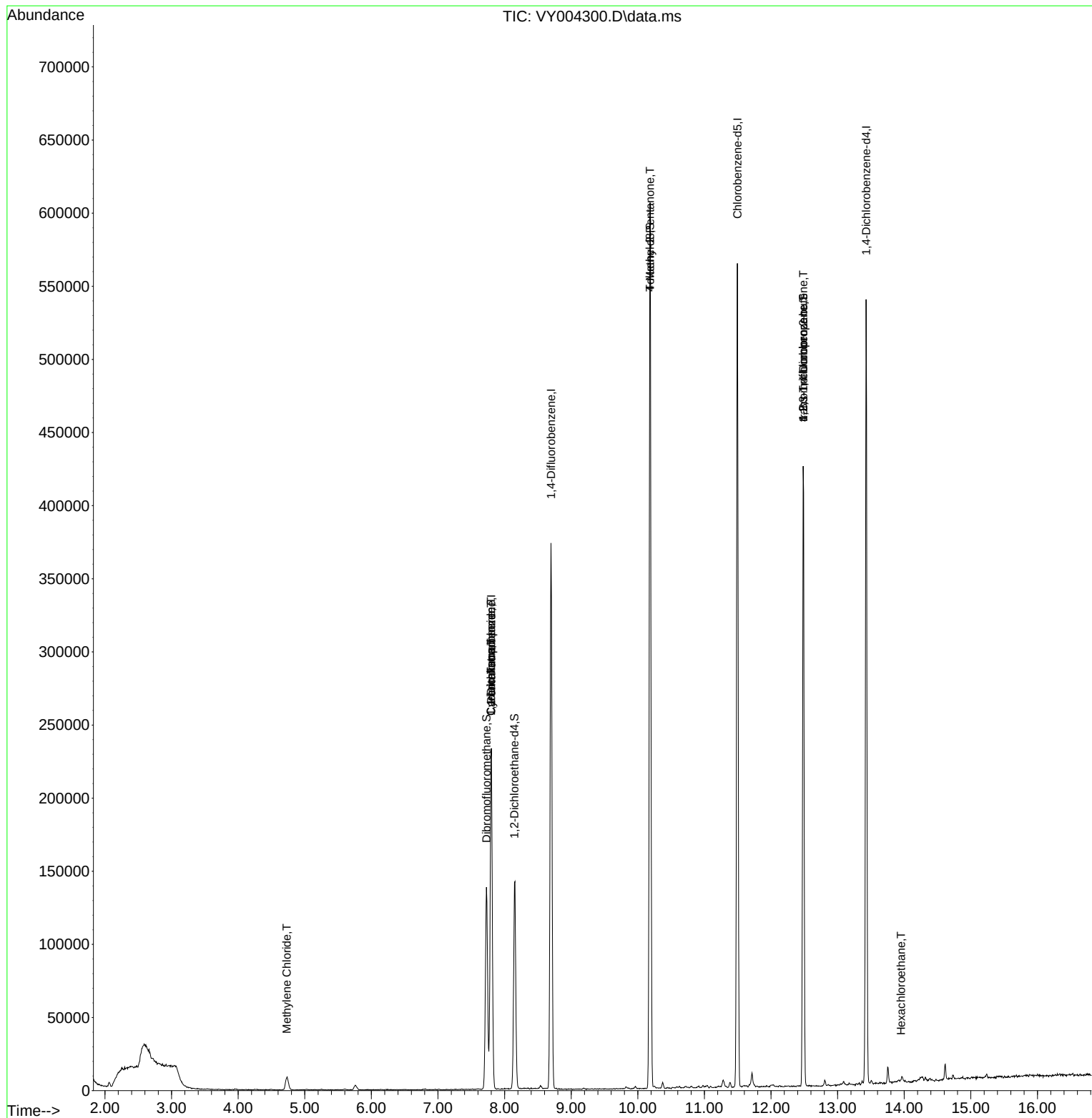
Internal Standards						
1) Pentafluorobenzene	7.801	168	179599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	290693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108671	62.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.88%
35) Dibromofluoromethane	7.728	113	94451	54.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.82%
50) Toluene-d8	10.185	98	379232	58.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.18%
62) 4-Bromofluorobenzene	12.483	95	125944	56.29	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.58%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	6345	1.14	ug/l	95
31) Cyclohexane	7.795	56	4251	1.39	ug/l #	19
36) 1,1-Dichloropropene	7.795	75	14220	5.00	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17286	6.99	ug/l #	18
49) 1,4-Dioxane	9.319	88	43	Below	Cal #	44
51) 4-Methyl-2-Pentanone	10.185	43	2076	1.29	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	68749	58.93	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68749	108.61	ug/l #	10
90) Hexachloroethane	13.953	117	76	7.37	ug/l #	12

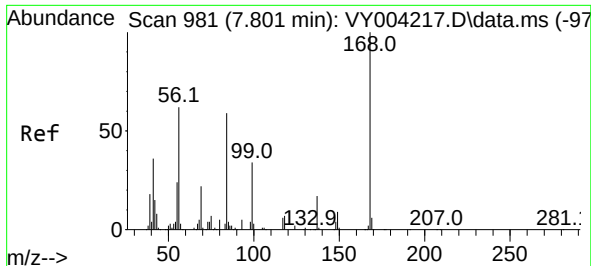
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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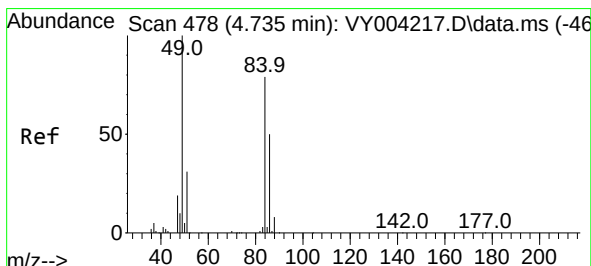
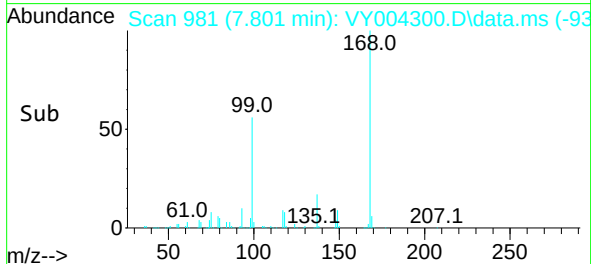
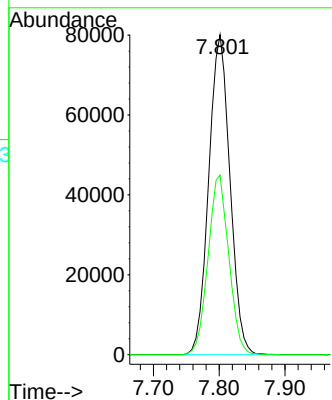
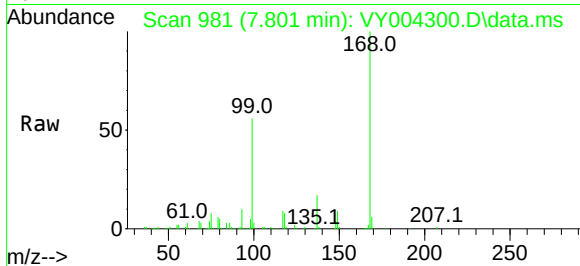




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

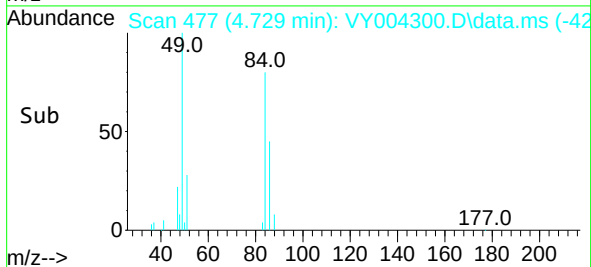
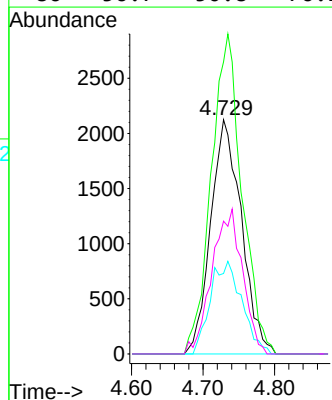
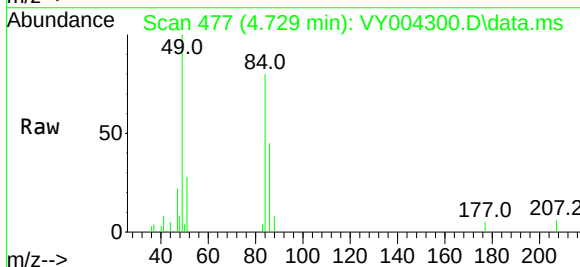
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_0-1

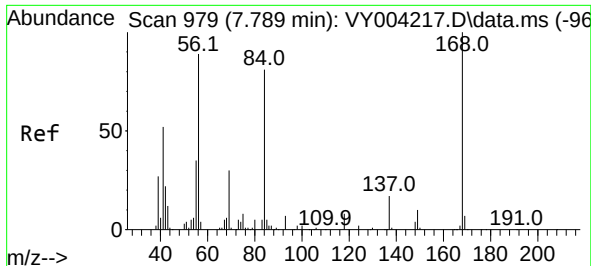
Tgt Ion:168 Resp: 179599
Ion Ratio Lower Upper
168 100
99 56.1 42.6 64.0



#20
Methylene Chloride
Concen: 1.14 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

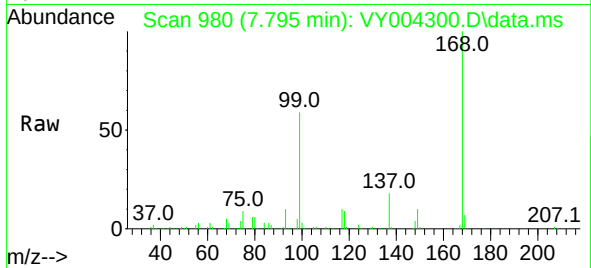
Tgt Ion: 84 Resp: 6345
Ion Ratio Lower Upper
84 100
49 124.7 101.5 152.3
51 34.4 31.5 47.3
86 56.7 50.8 76.2



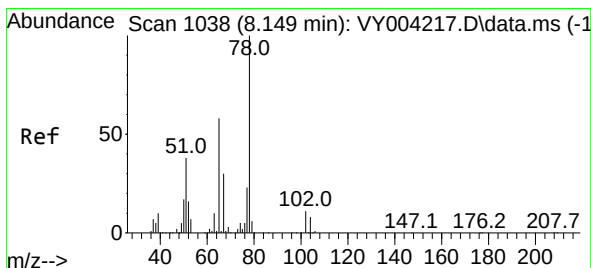
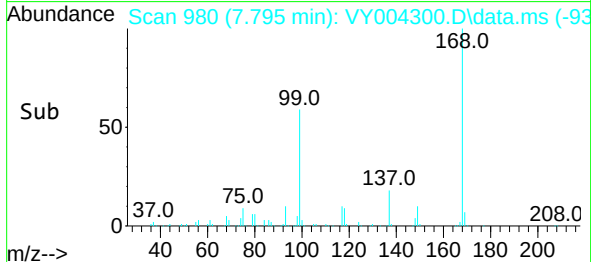
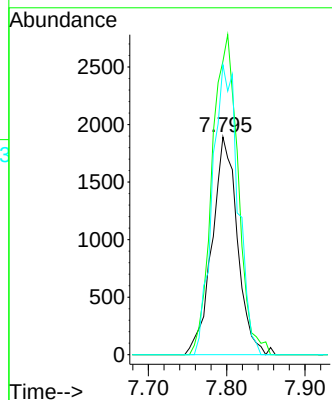


#31
Cyclohexane
Concen: 1.39 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_0-1

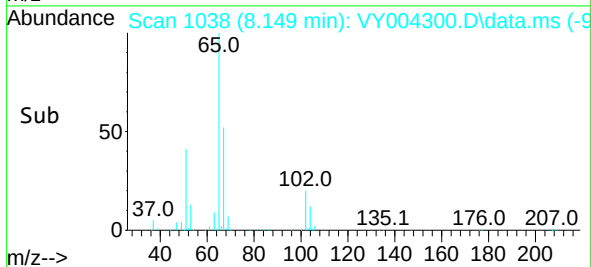
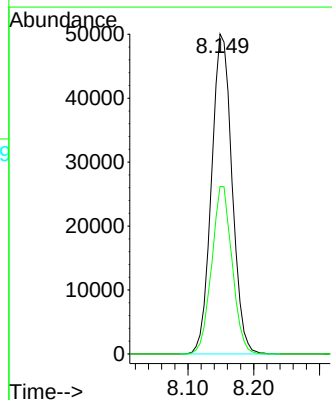
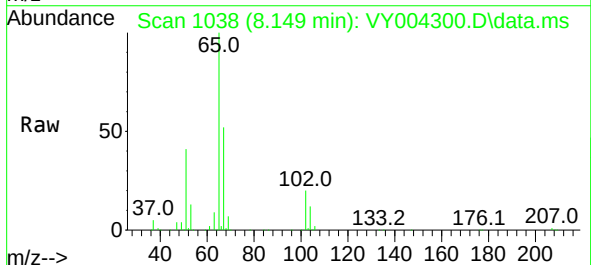


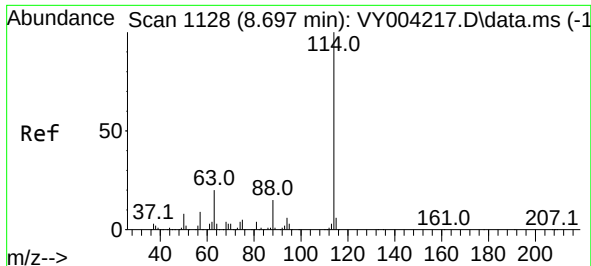
Tgt Ion: 56 Resp: 4251
Ion Ratio Lower Upper
56 100
69 134.7 26.6 40.0#
84 133.1 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 62.94 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

Tgt Ion: 65 Resp: 108671
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2

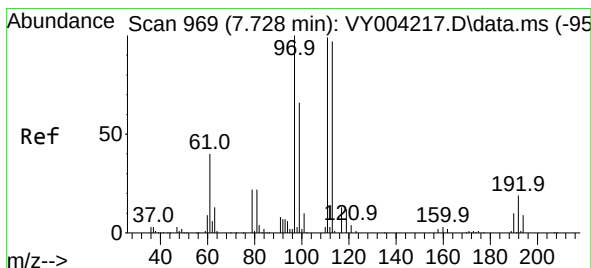
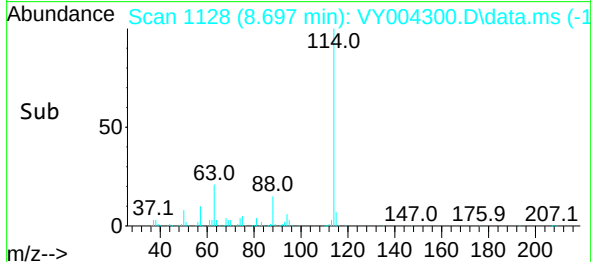
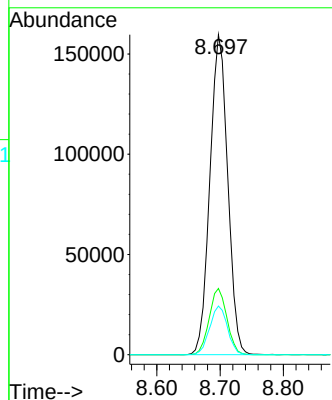
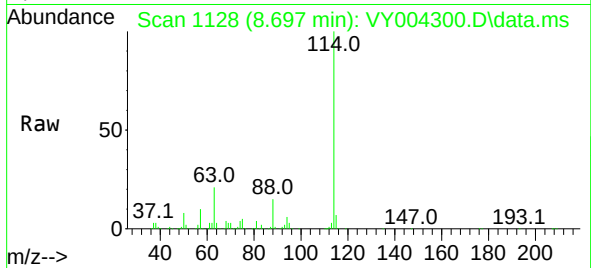




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

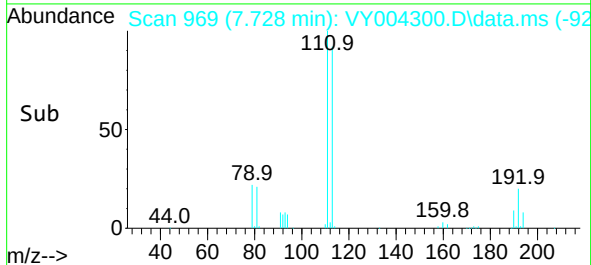
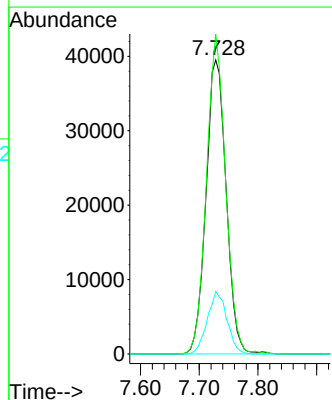
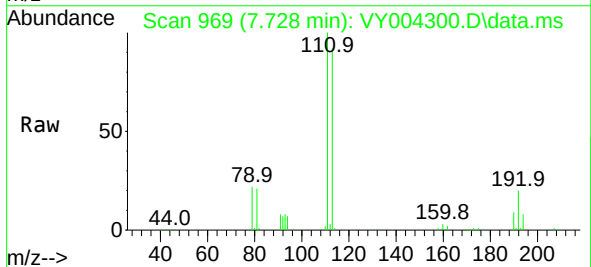
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_0-1

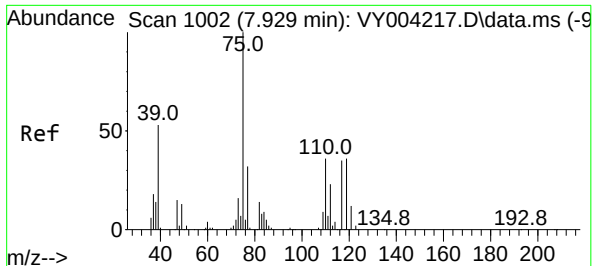
Tgt Ion:	114	Resp:	311518
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	40.4
88	15.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.41 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

Tgt Ion:	113	Resp:	94451
Ion Ratio	Lower	Upper	
113	100		
111	103.4	82.6	124.0
192	20.6	16.4	24.6

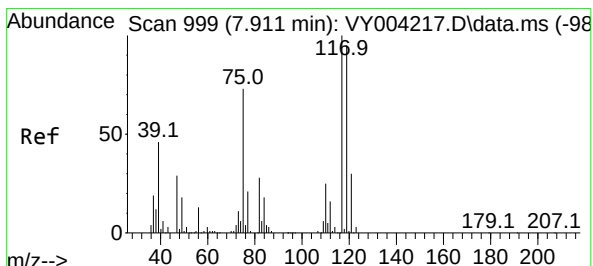
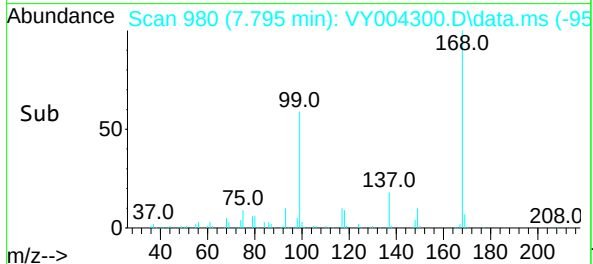
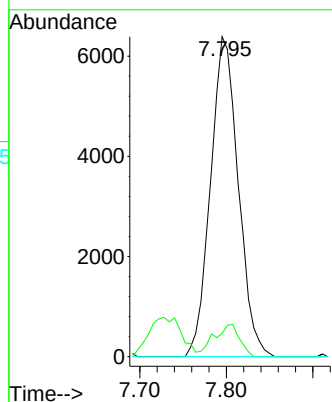
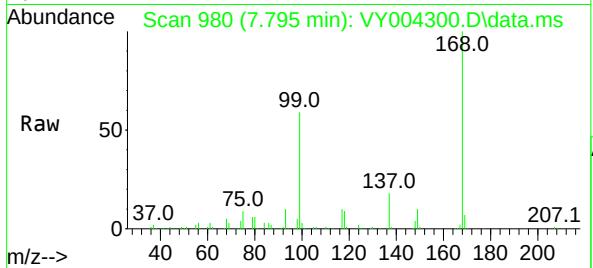




#36
1,1-Dichloropropene
Concen: 5.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

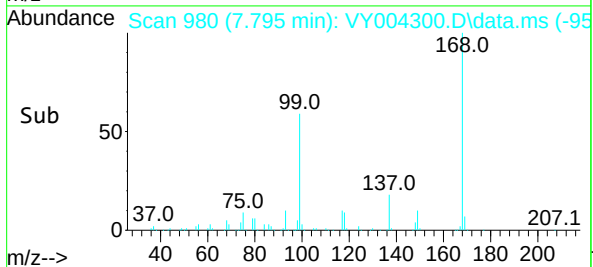
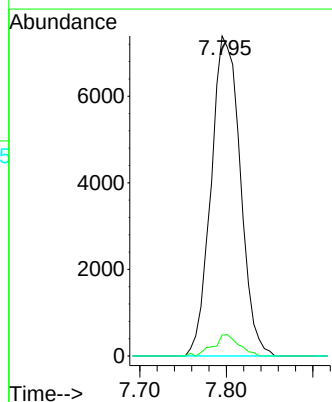
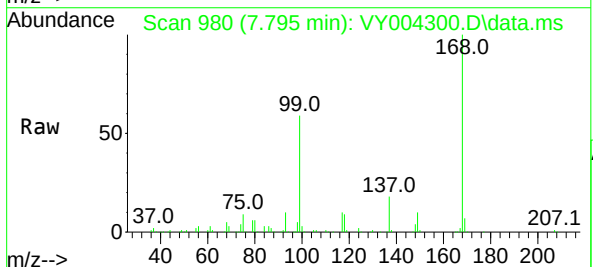
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ClientSampleId :
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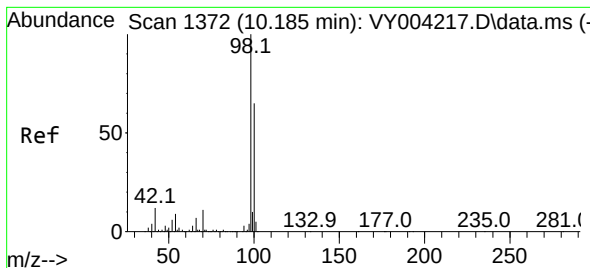
Tgt Ion: 75 Resp: 14220
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.3#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.99 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

Tgt Ion: 117 Resp: 17286
Ion Ratio Lower Upper
117 100
119 6.6 75.6 113.4#
121 0.0 24.3 36.5#

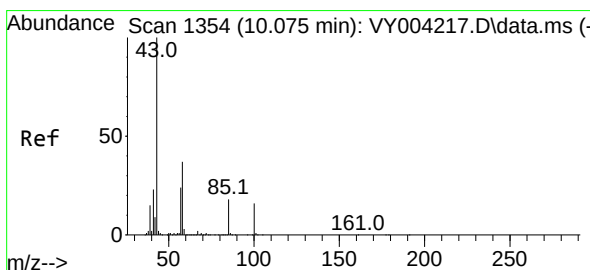
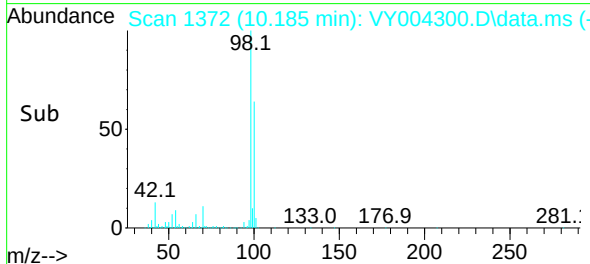
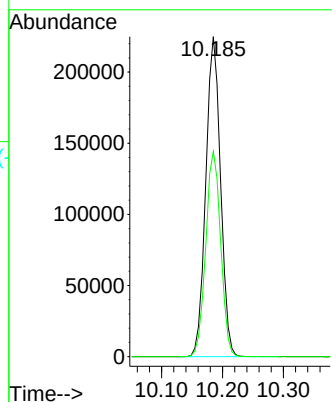
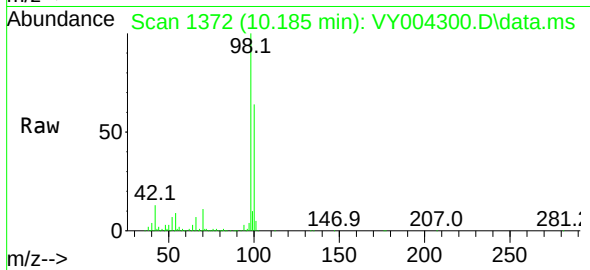




#50
Toluene-d8
Concen: 58.09 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

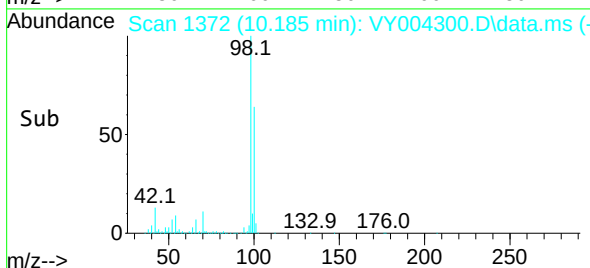
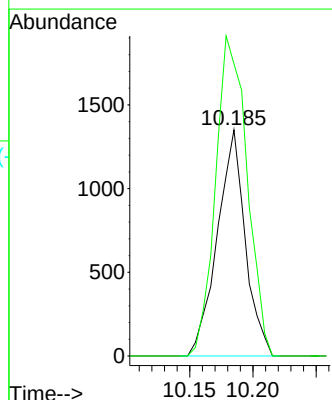
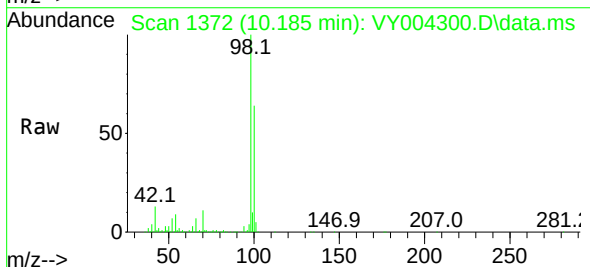
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ClientSampleId :
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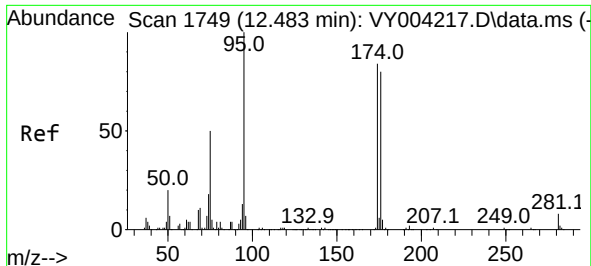
Tgt Ion: 98 Resp: 379232
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.29 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

Tgt Ion: 43 Resp: 2076
Ion Ratio Lower Upper
43 100
58 159.2 30.6 45.8#

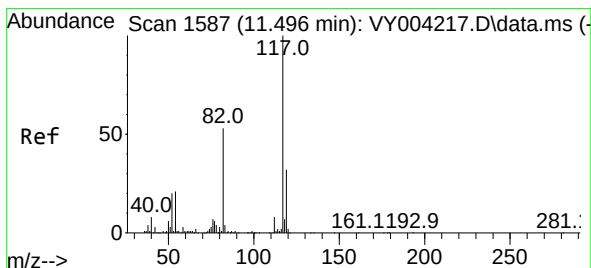
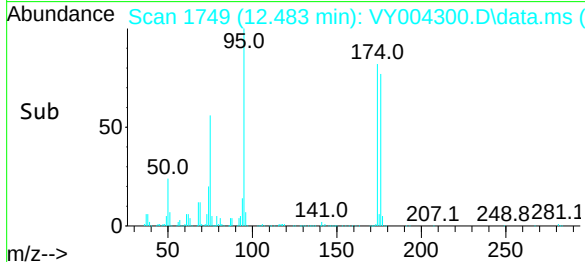
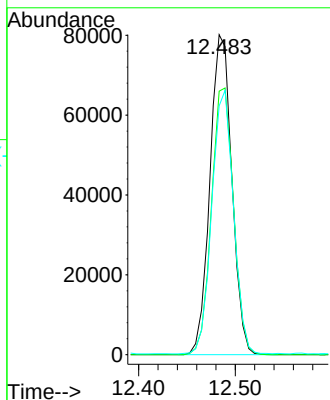
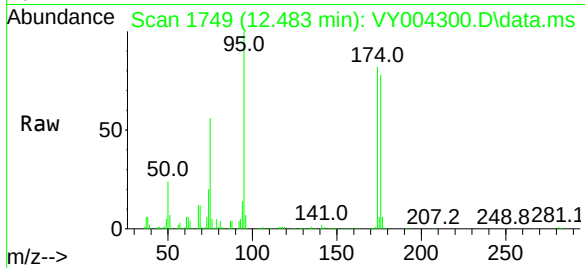




#62
4-Bromofluorobenzene
Concen: 56.29 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

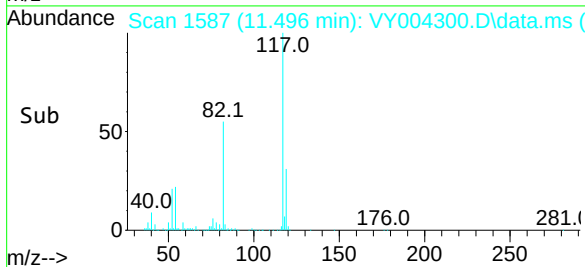
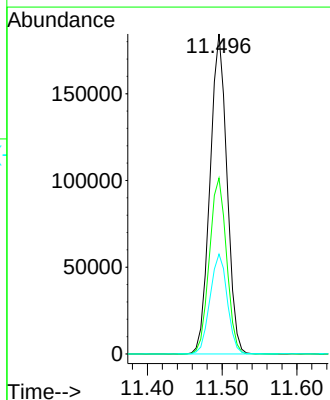
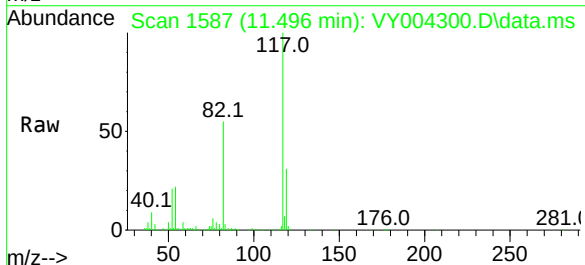
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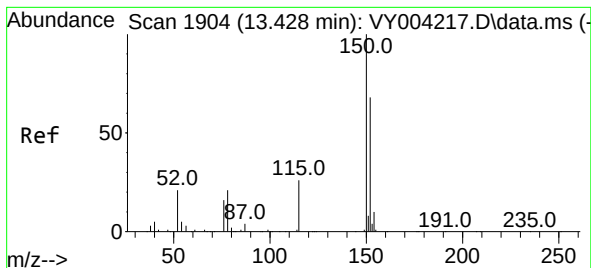
Tgt Ion: 95 Resp: 125944
Ion Ratio Lower Upper
95 100
174 84.0 0.0 171.4
176 81.3 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

Tgt Ion: 117 Resp: 290693
Ion Ratio Lower Upper
117 100
82 55.0 42.7 64.1
119 31.2 25.7 38.5

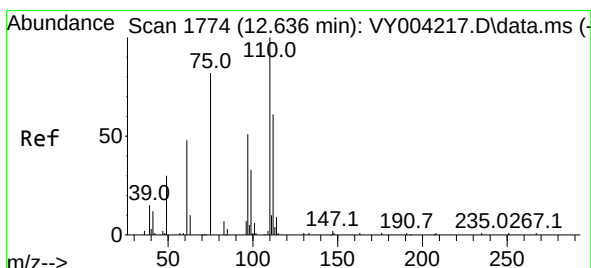
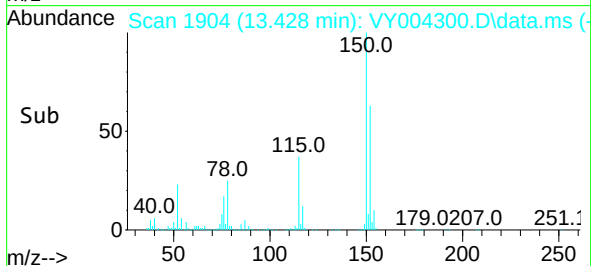
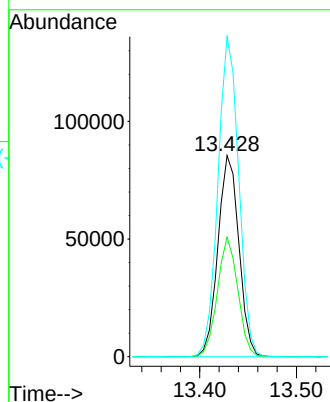
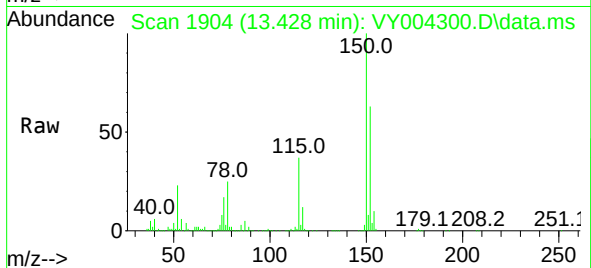




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004300.D
 Acq: 06 Apr 2021 15:59

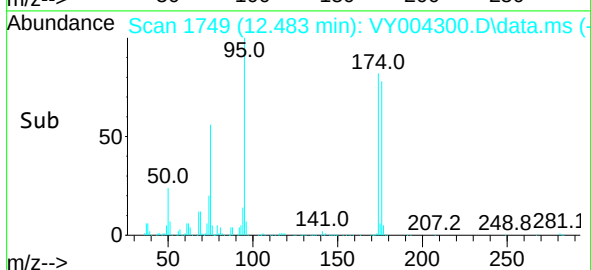
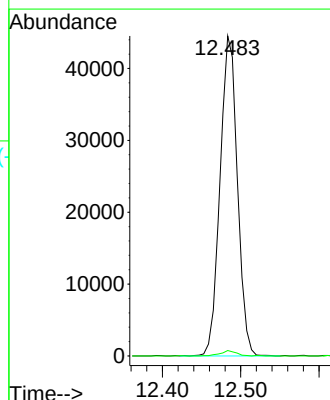
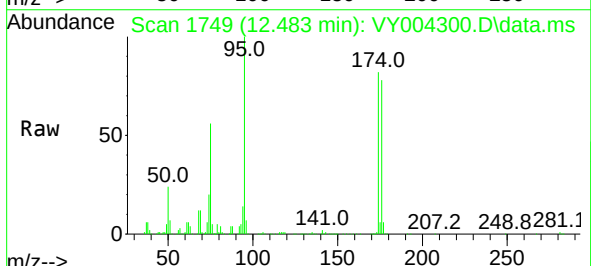
Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_05_0-1

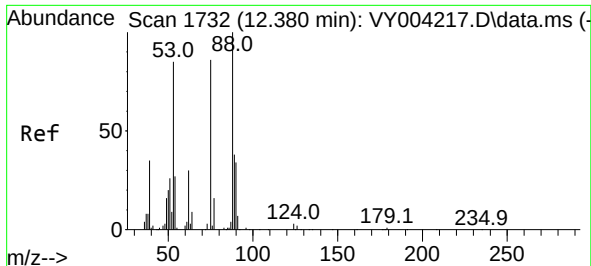
Tgt Ion:152 Resp: 128478
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.0 87.1
 150 157.7 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 58.93 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004300.D
 Acq: 06 Apr 2021 15:59

Tgt Ion: 75 Resp: 68749
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

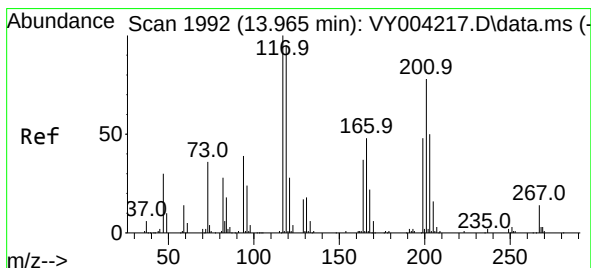
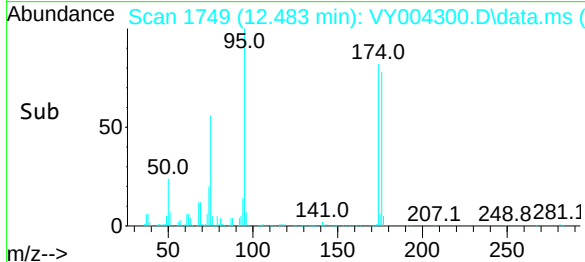
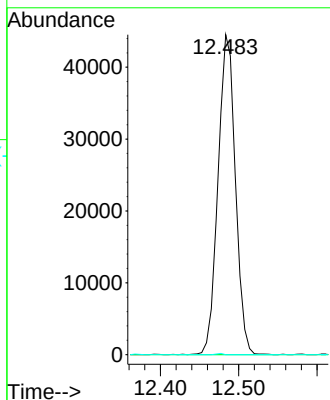
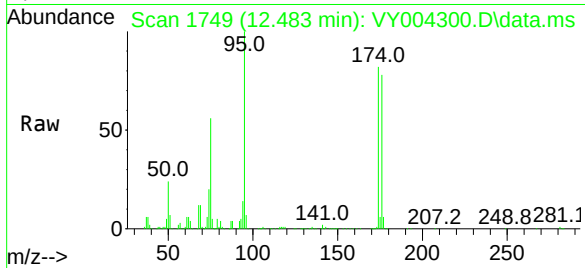




#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.61 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004300.D
 Acq: 06 Apr 2021 15:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_05_0-1

Tgt Ion: 75 Resp: 68749
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.3 118.9#
 89 0.1 39.4 59.2#



#90
 Hexachloroethane
 Concen: 7.37 ug/l
 RT: 13.953 min Scan# 1990
 Delta R.T. -0.012 min
 Lab File: VY004300.D
 Acq: 06 Apr 2021 15:59

Tgt Ion: 117 Resp: 76
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

