

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004298.D
 Acq On : 06 Apr 2021 15:12
 Operator : SY/MD
 Sample : M1933-07
 Misc : 4.76g/5mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_04_0-1

Quant Time: Apr 07 00:59:28 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)

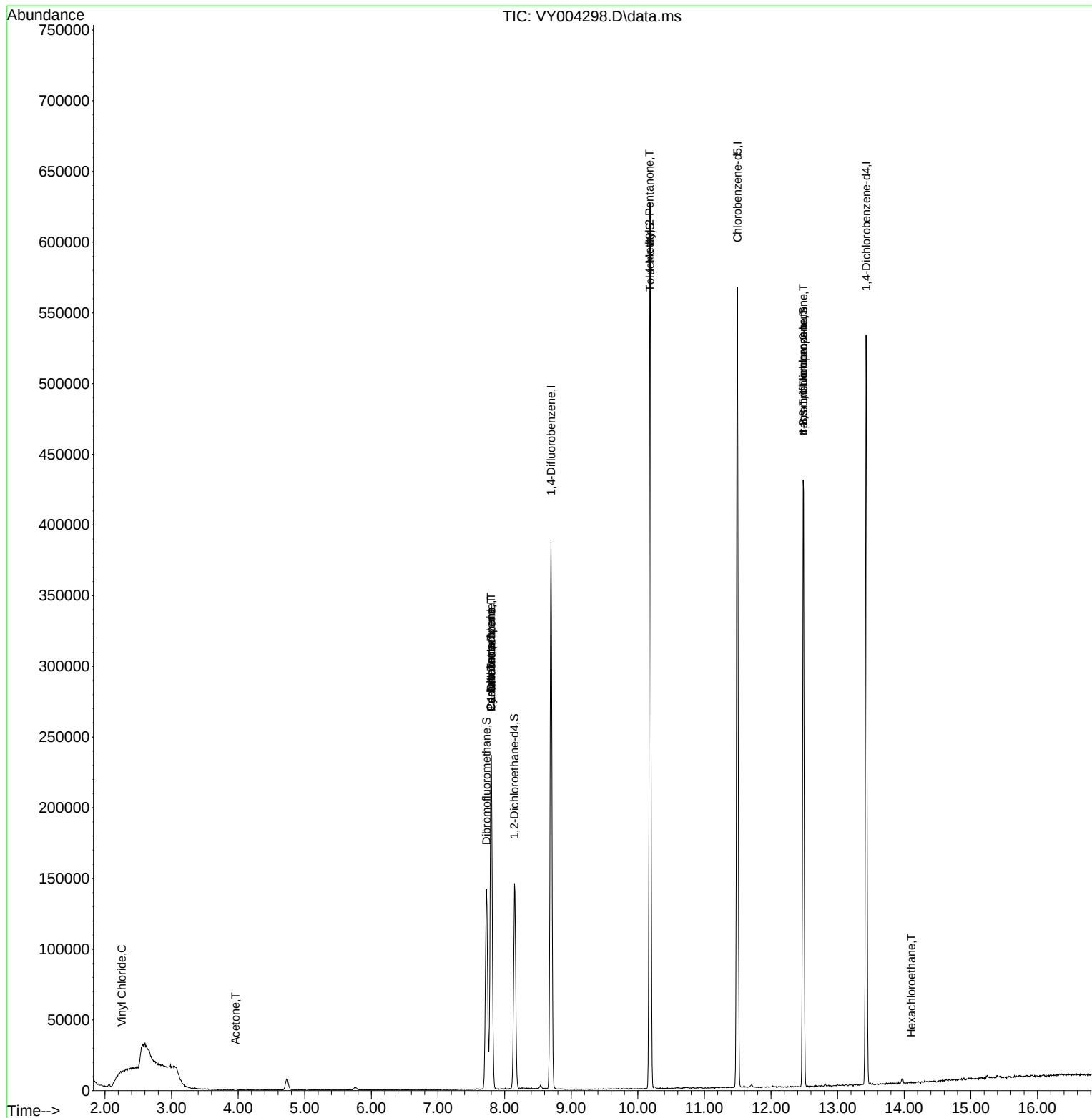
Internal Standards						
1) Pentafluorobenzene	7.801	168	185291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	318182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	294436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110222	61.88	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 123.76%		
35) Dibromofluoromethane	7.728	113	97409	54.94	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.88%		
50) Toluene-d8	10.185	98	389652	58.44	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 116.88%		
62) 4-Bromofluorobenzene	12.483	95	128406	56.19	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 112.38%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	10335	4.28	ug/l #	42
16) Acetone	3.960	43	801	2.16	ug/l #	86
31) Cyclohexane	7.795	56	4341	1.38	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	14718	5.07	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18081	7.16	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1823	1.11	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	69807	60.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69807	111.62	ug/l #	10
90) Hexachloroethane	14.105	117	21	7.31	ug/l #	12

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

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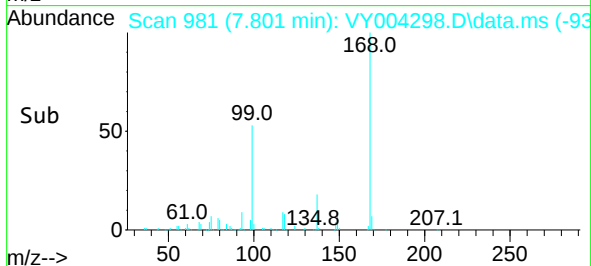
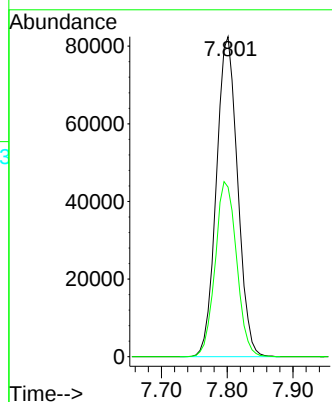
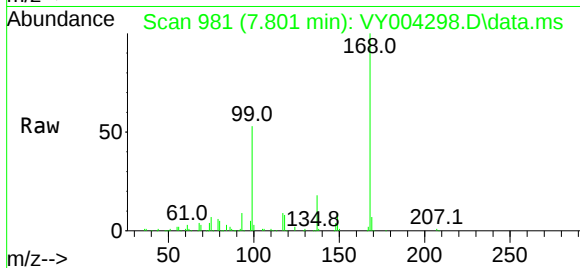




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

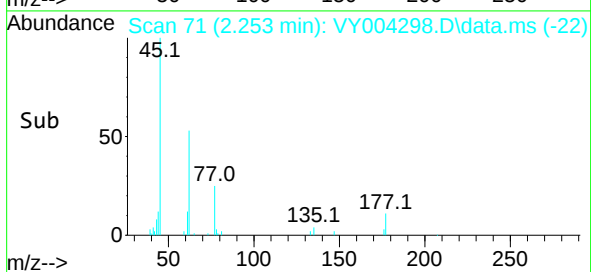
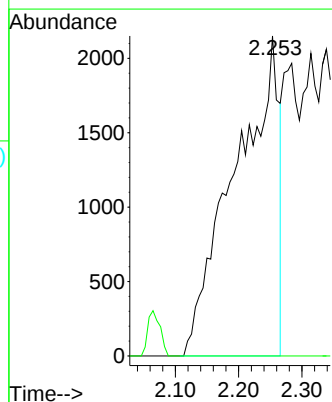
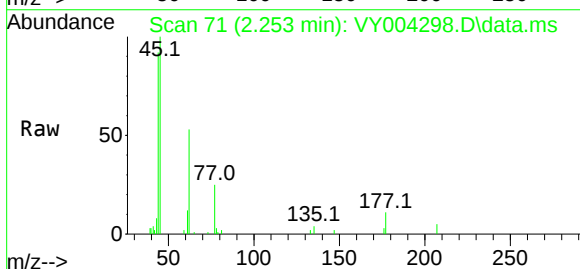
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_0-1

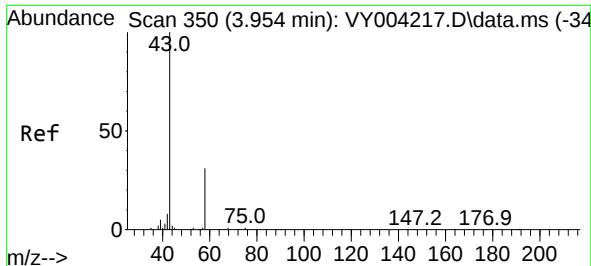
Tgt Ion:168 Resp: 185291
Ion Ratio Lower Upper
168 100
99 53.0 42.6 64.0



#4
Vinyl Chloride
Concen: 4.28 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

Tgt Ion: 62 Resp: 10335
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

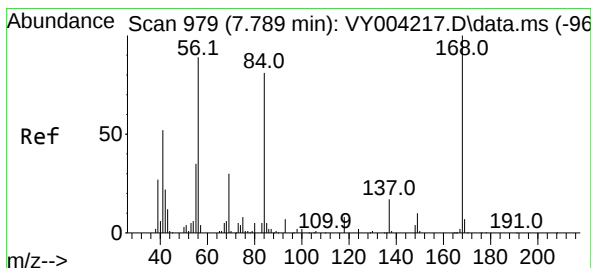
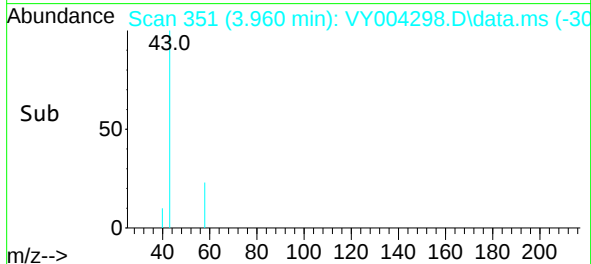
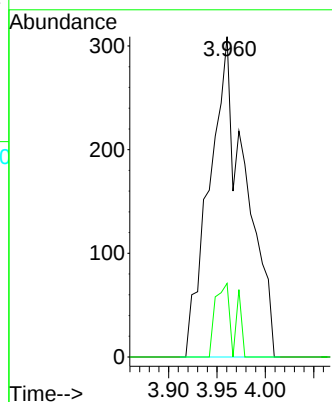
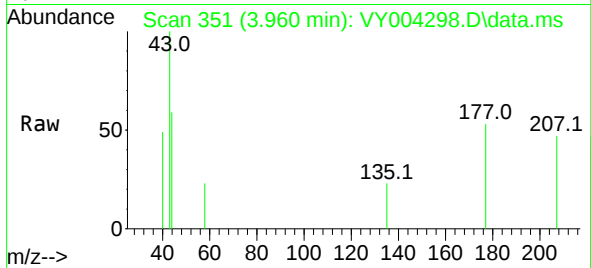




#16
Acetone
Concen: 2.16 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

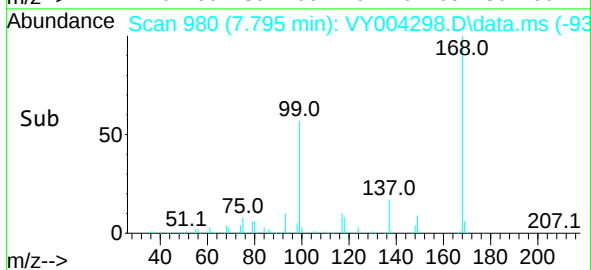
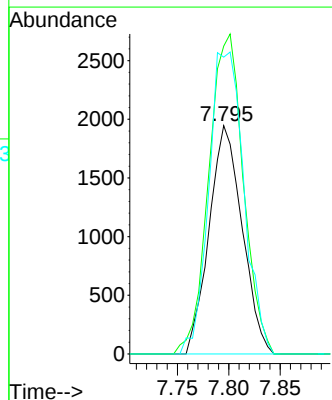
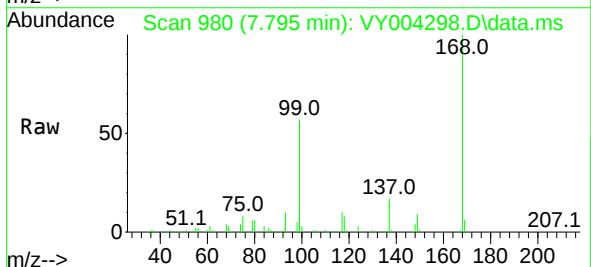
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_0-1

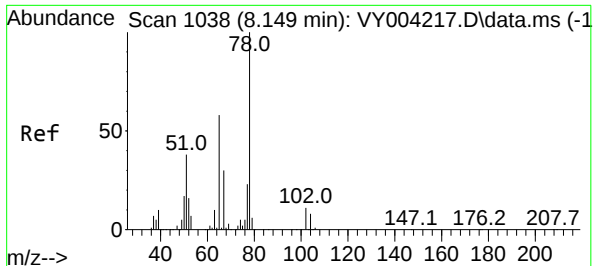
Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
58 23.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

Tgt Ion: 56 Resp: 4341
Ion Ratio Lower Upper
56 100
69 134.8 26.6 40.0#
84 130.0 72.3 108.5#

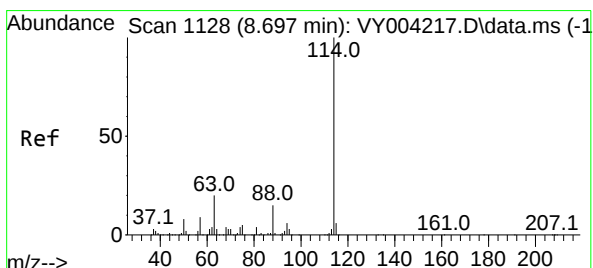
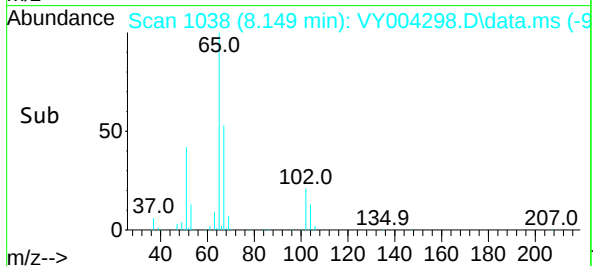
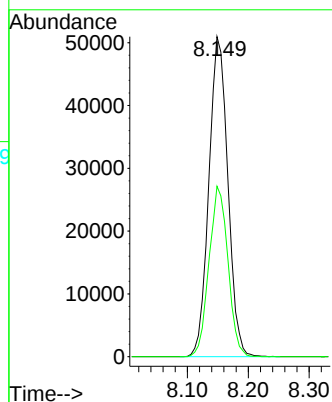
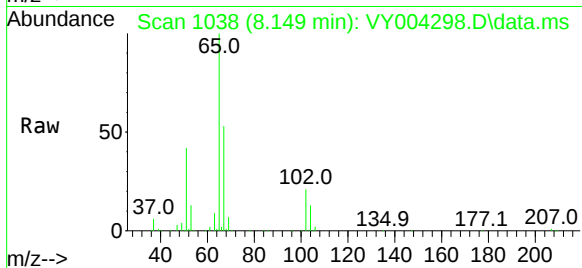




#33
1,2-Dichloroethane-d4
Concen: 61.88 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

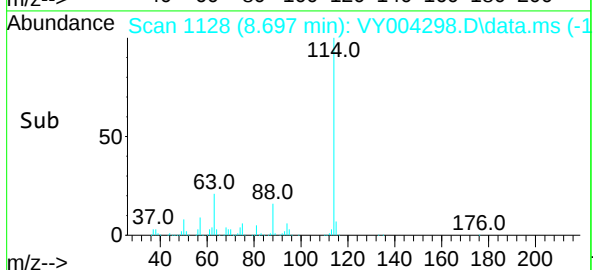
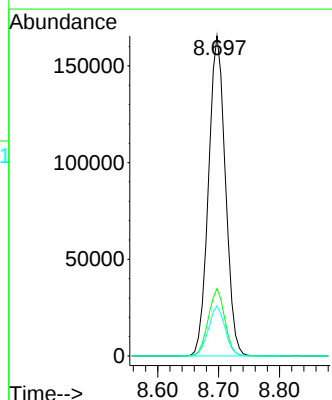
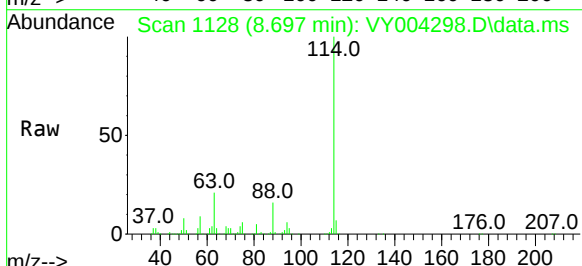
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_0-1

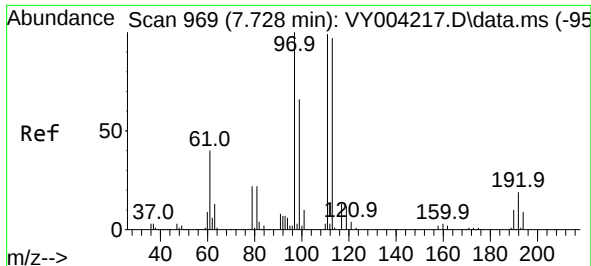
Tgt Ion: 65 Resp: 110222
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

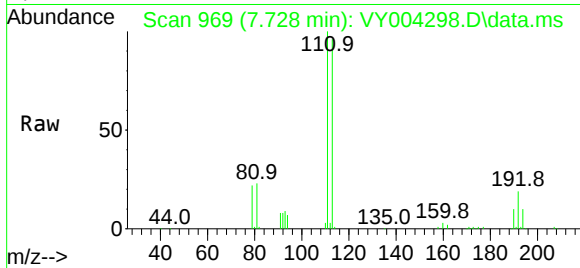
Tgt Ion: 114 Resp: 318182
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.4
88 15.6 0.0 30.8



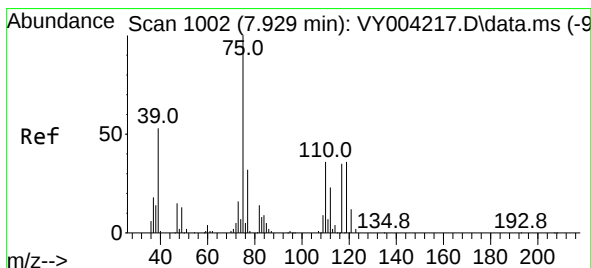
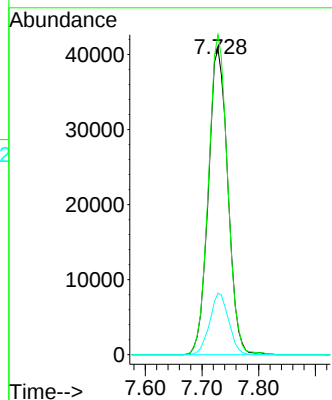
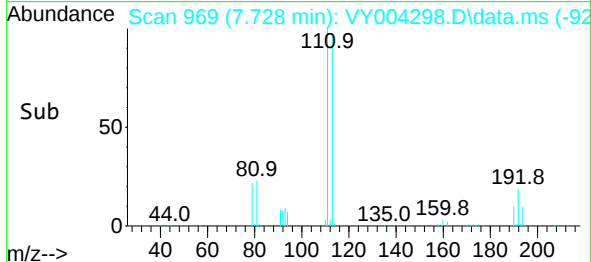


#35
Dibromofluoromethane
Concen: 54.94 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

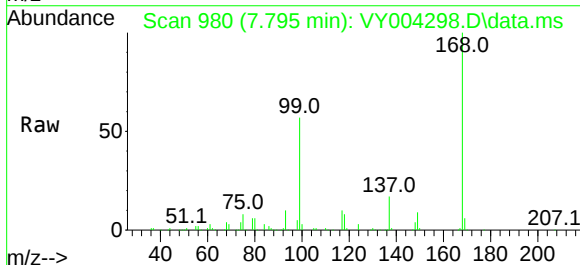
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_0-1



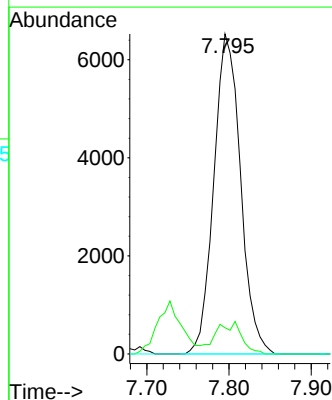
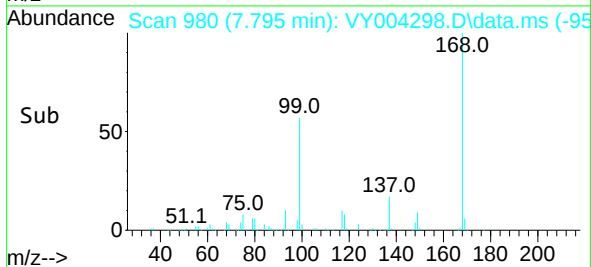
Tgt Ion:	113	Resp:	97409
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	19.5	16.4	24.6

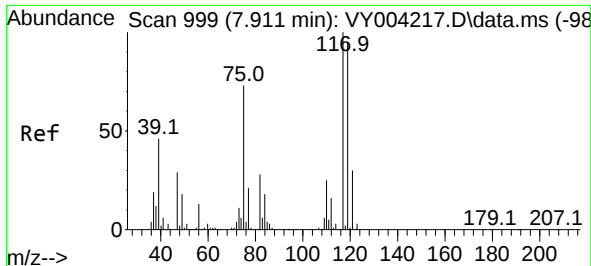


#36
1,1-Dichloropropene
Concen: 5.07 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12



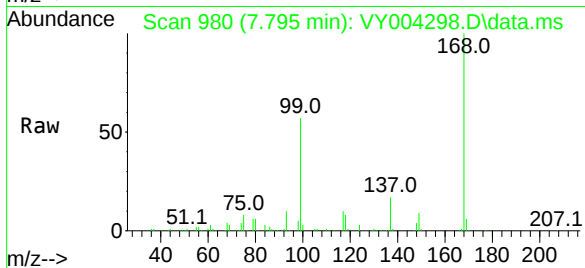
Tgt Ion:	75	Resp:	14718
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.3#
77	0.0	25.1	37.7#



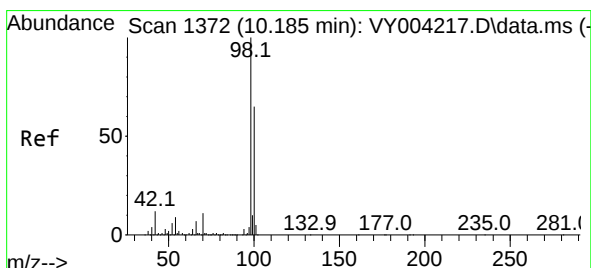
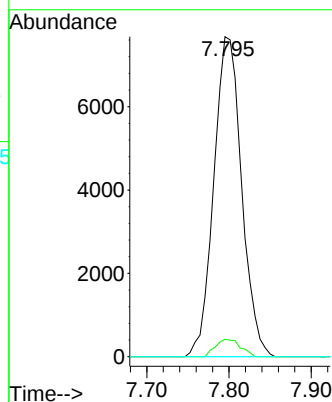
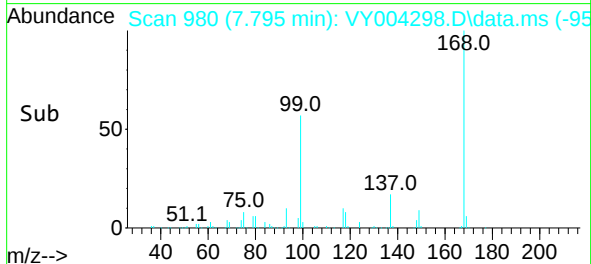


#38
Carbon Tetrachloride
Concen: 7.16 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

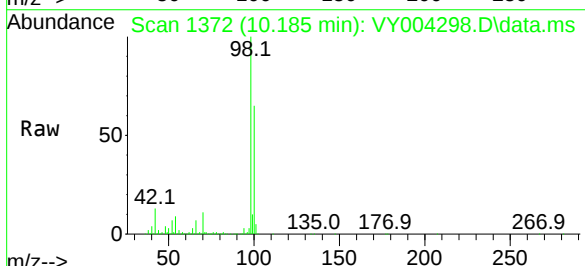
Instrument :
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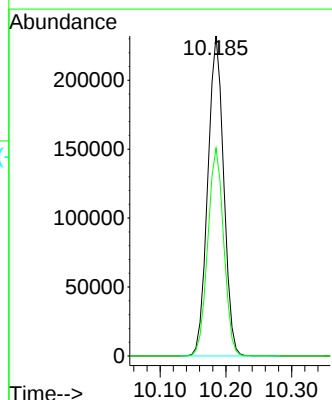
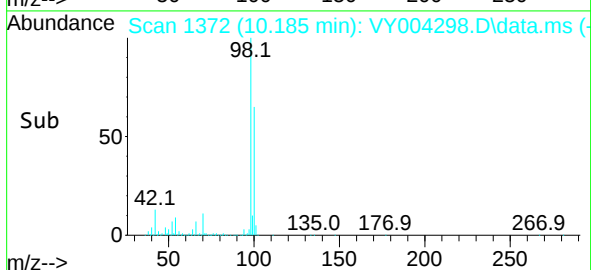
Tgt Ion: 117 Resp: 18081
Ion Ratio Lower Upper
117 100
119 5.5 75.6 113.4#
121 0.0 24.3 36.5#

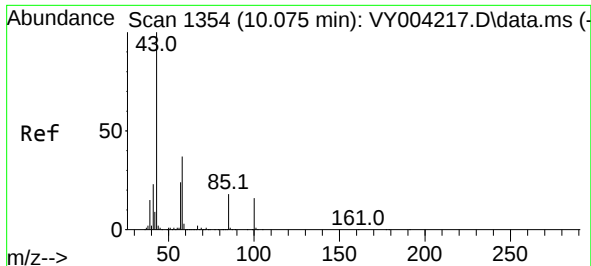


#50
Toluene-d8
Concen: 58.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12



Tgt Ion: 98 Resp: 389652
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

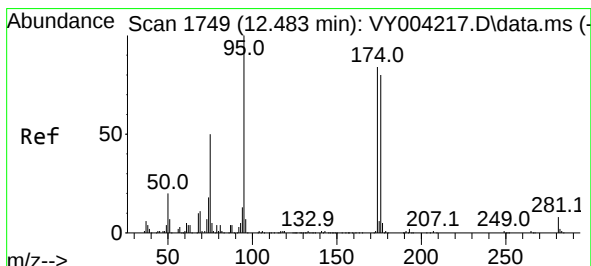
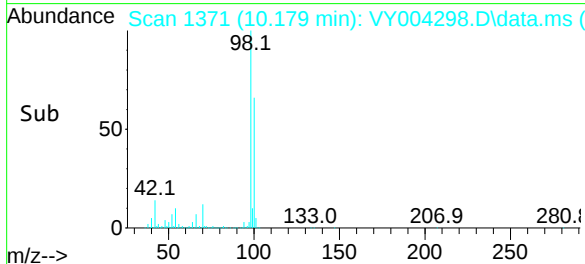
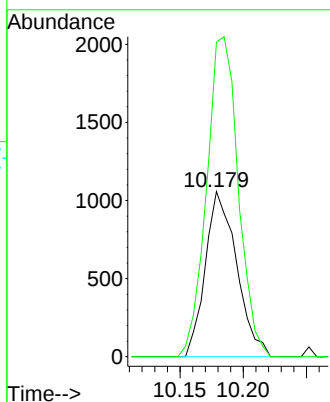
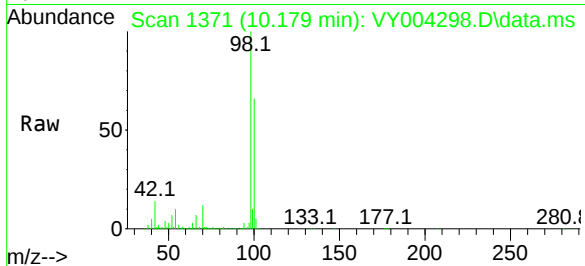




#51
4-Methyl-2-Pentanone
Concen: 1.11 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

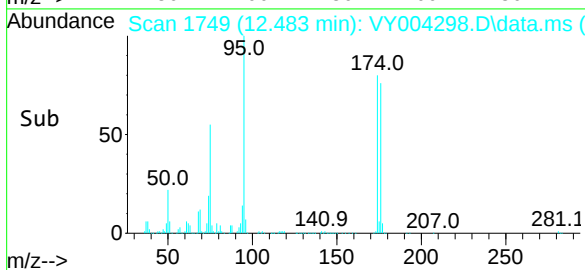
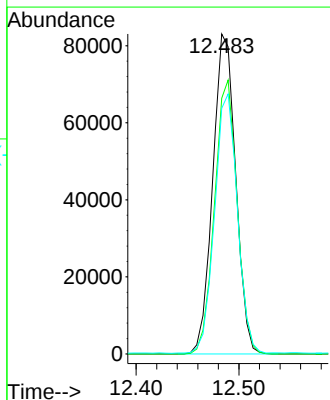
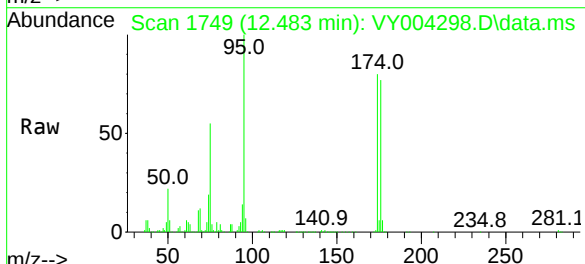
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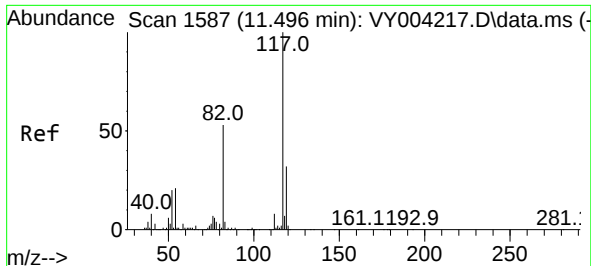
Tgt Ion: 43 Resp: 1823
Ion Ratio Lower Upper
43 100
58 195.5 30.6 45.8#



#62
4-Bromofluorobenzene
Concen: 56.19 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

Tgt Ion: 95 Resp: 128406
Ion Ratio Lower Upper
95 100
174 84.2 0.0 171.4
176 80.4 0.0 165.6

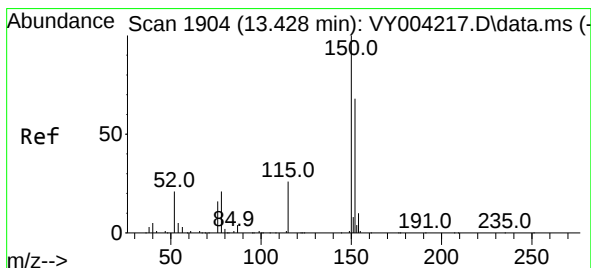
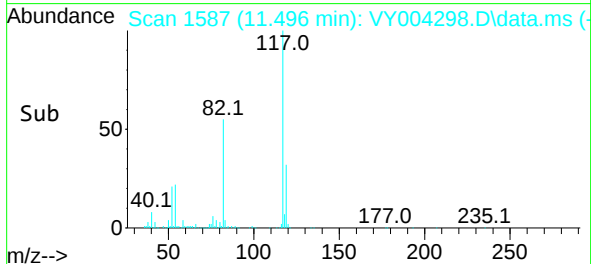
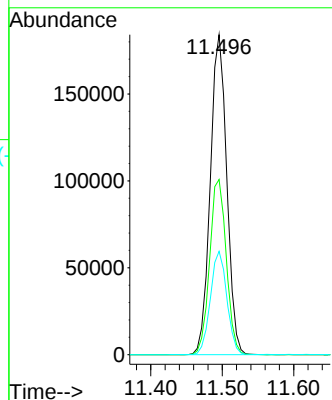
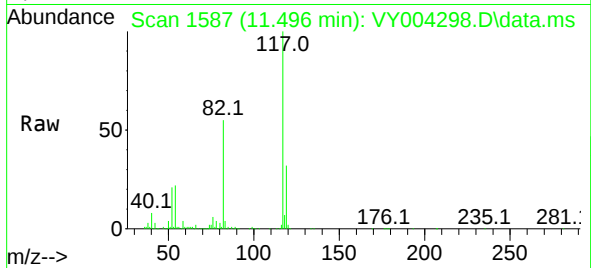




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

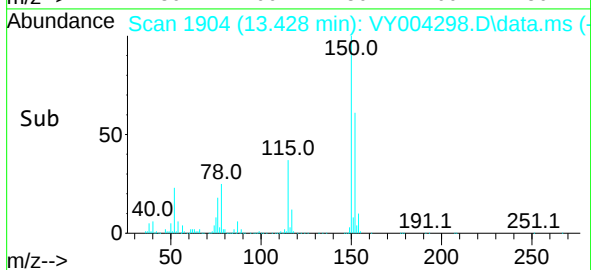
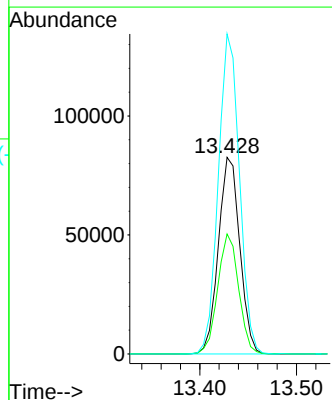
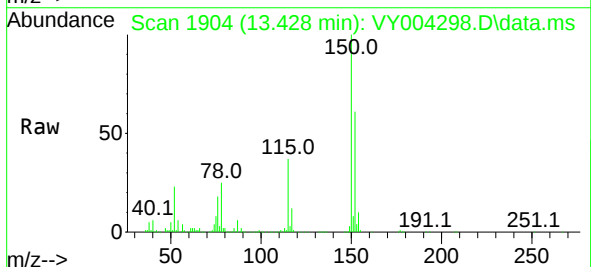
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BENNETT_BH_04_0-1

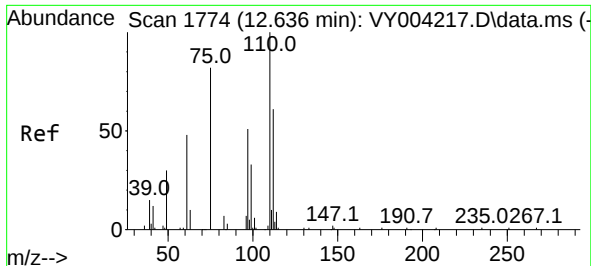
Tgt Ion:117 Resp: 294436
Ion Ratio Lower Upper
117 100
82 54.8 42.7 64.1
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

Tgt Ion:152 Resp: 126931
Ion Ratio Lower Upper
152 100
115 59.6 29.0 87.1
150 160.5 0.0 347.4

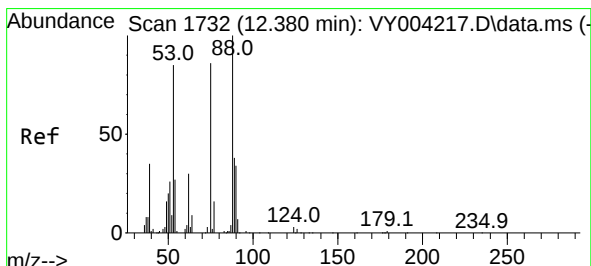
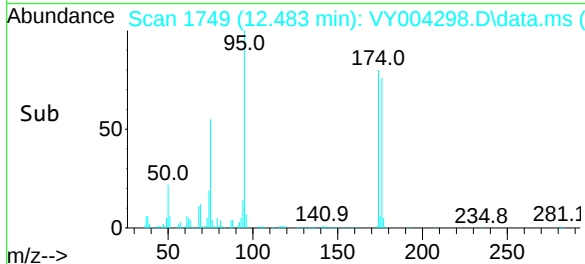
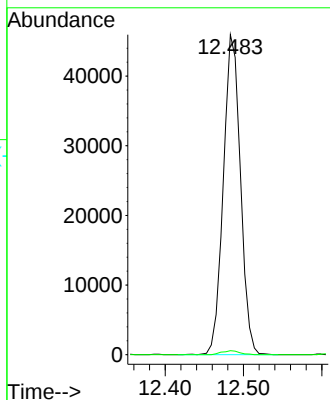
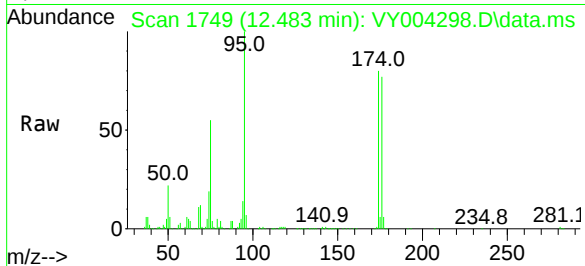




#76
1,2,3-Trichloropropane
Concen: 60.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

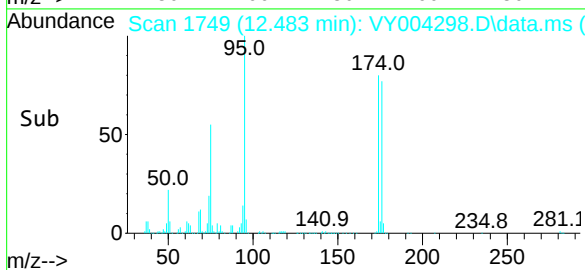
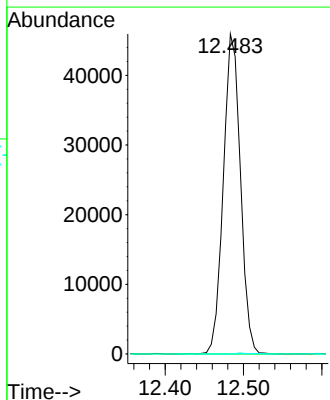
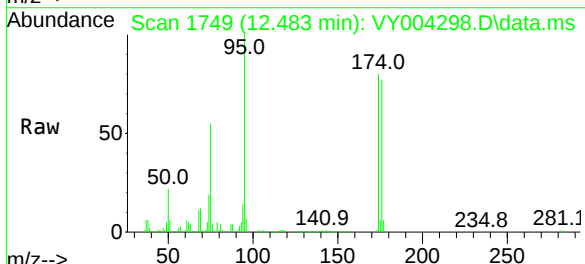
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_0-1

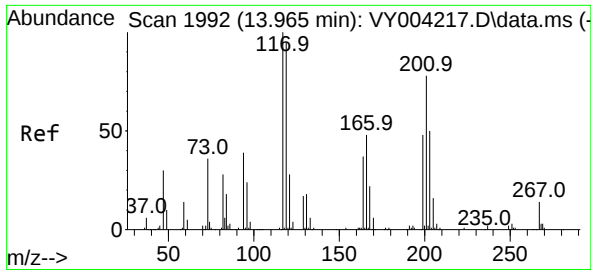
Tgt Ion: 75 Resp: 69807
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.62 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004298.D
Acq: 06 Apr 2021 15:12

Tgt Ion: 75 Resp: 69807
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.2 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.31 ug/l
 RT: 14.105 min Scan# 2015
 Delta R.T. 0.140 min
 Lab File: VY004298.D
 Acq: 06 Apr 2021 15:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_04_0-1

Tgt Ion:117 Resp: 21
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

