

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004263.D
 Acq On : 02 Apr 2021 15:25
 Operator : SY/MD
 Sample : M1911-04
 Misc : 12.72g/5mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6D-(4-10)

Quant Time: Apr 02 23:01:05 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)

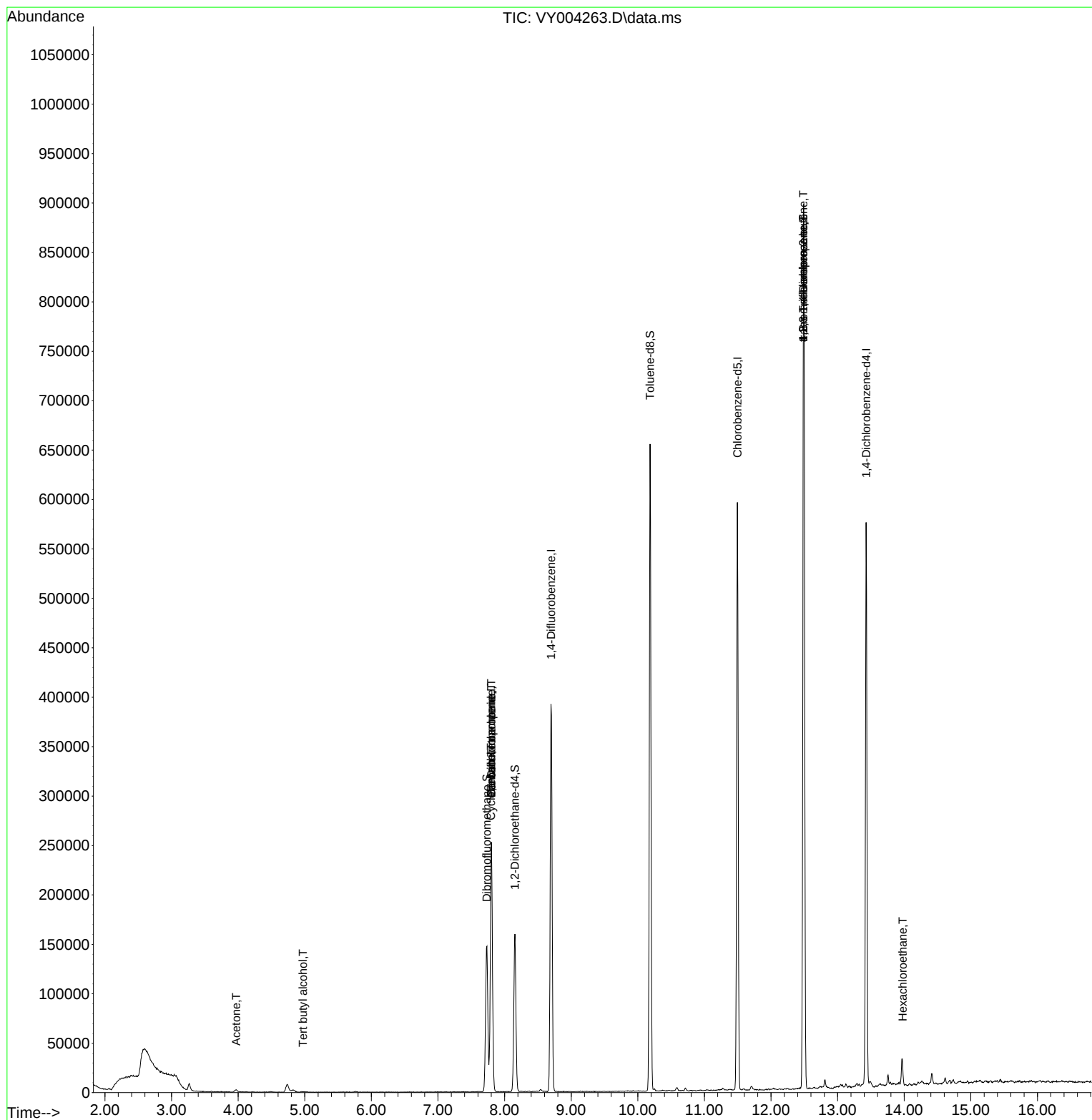
Internal Standards						
1) Pentafluorobenzene	7.801	168	191851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	310299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	122143	66.23	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.46%			
35) Dibromofluoromethane	7.734	113	103115	55.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.06%			
50) Toluene-d8	10.185	98	407992	58.42	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.84%			
62) 4-Bromofluorobenzene	12.483	95	139237	58.17	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.34%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	719	4.79	ug/l #	71
13) Acrolein	3.759	56	174	Below Cal	#	80
16) Acetone	3.973	43	4045	10.53	ug/l	95
31) Cyclohexane	7.795	56	4262	1.31	ug/l #	36
36) 1,1-Dichloropropene	7.801	75	14868	4.89	ug/l #	49
38) Carbon Tetrachloride	7.801	117	18697	7.07	ug/l #	16
49) 1,4-Dioxane	9.325	88	191	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.483	75	80530	64.09	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80530	118.13	ug/l #	11
90) Hexachloroethane	13.977	117	57	7.34	ug/l #	12

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

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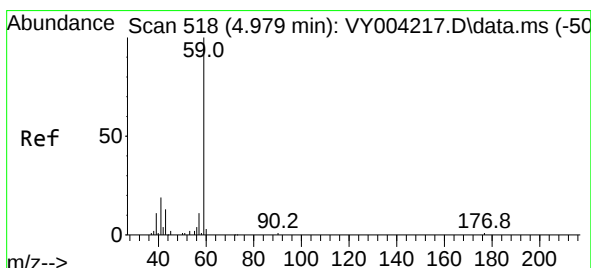
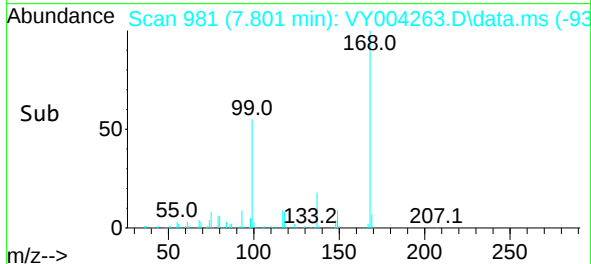
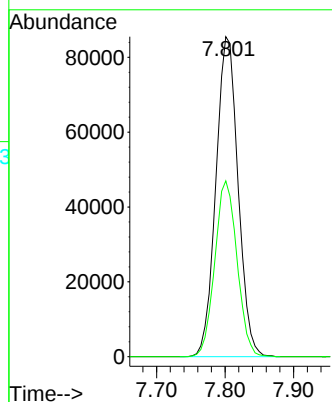
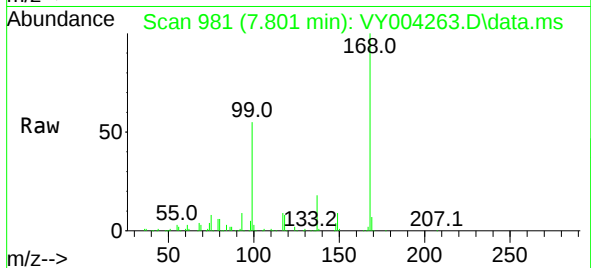




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

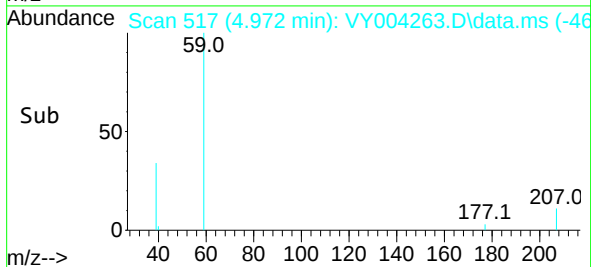
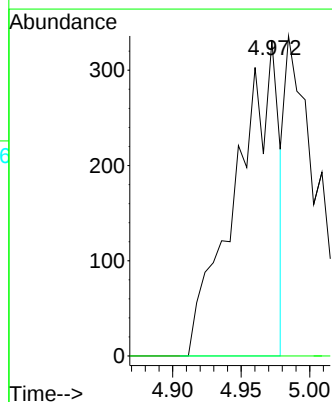
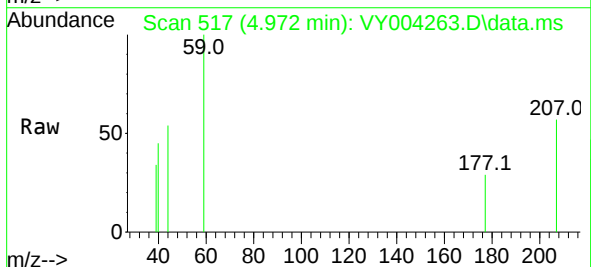
Instrument :
MSVOA_Y
ClientSampleId :
TP-6D-(4-10)

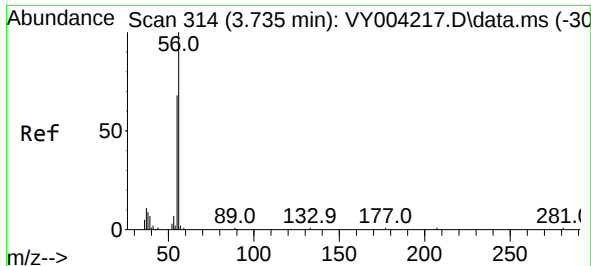
Tgt Ion:168 Resp: 191851
Ion Ratio Lower Upper
168 100
99 54.9 42.6 64.0



#11
Tert butyl alcohol
Concen: 4.79 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

Tgt Ion: 59 Resp: 719
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

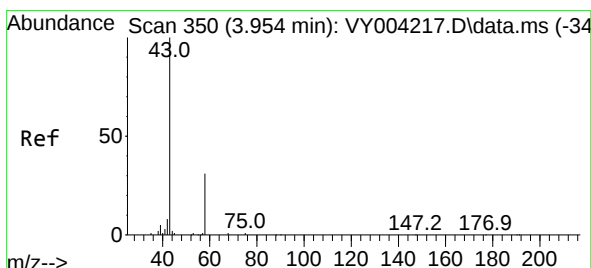
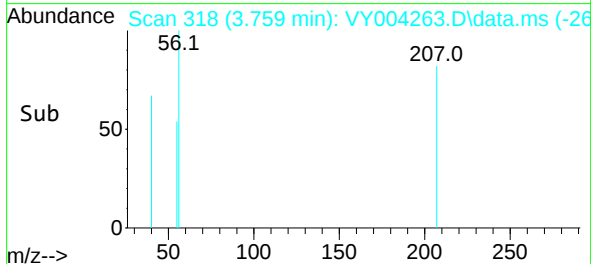
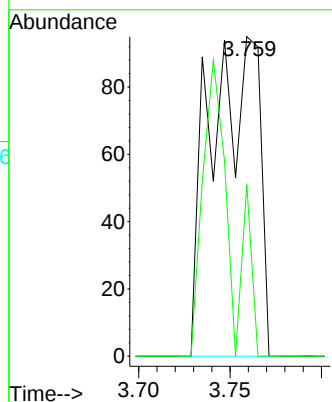
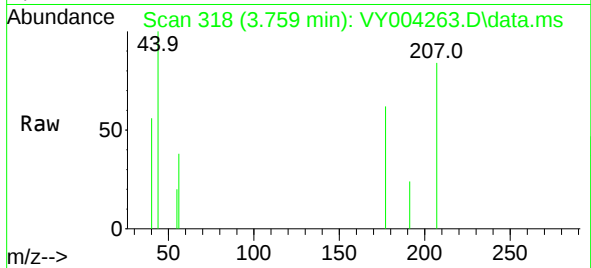




#13
Acrolein
Concen: Below Cal
RT: 3.759 min Scan# 318
Delta R.T. 0.024 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

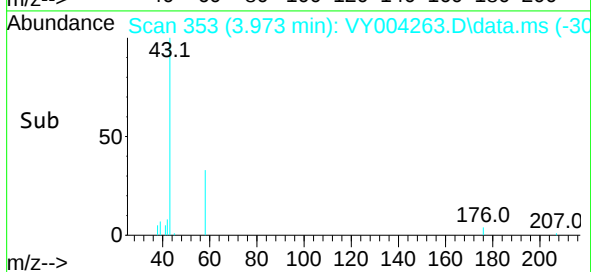
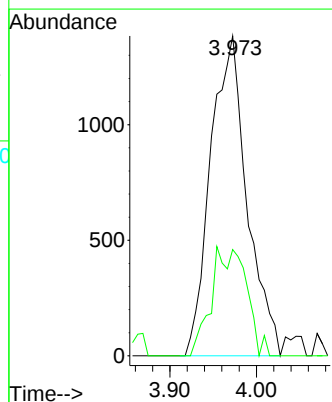
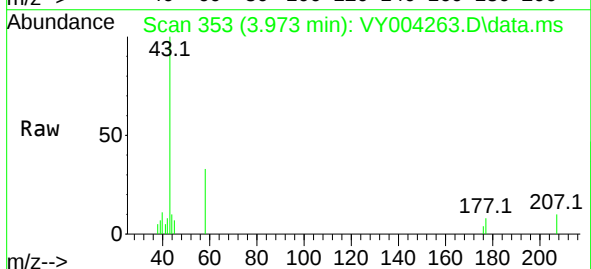
Instrument :
MSVOA_Y
ClientSampleId :
TP-6D-(4-10)

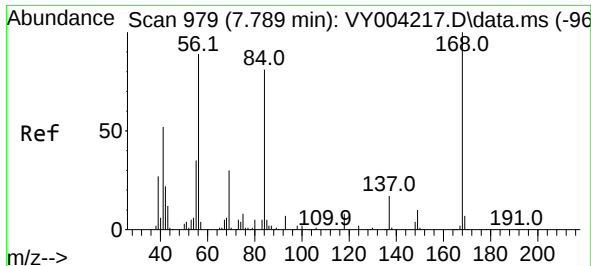
Tgt Ion: 56 Resp: 174
Ion Ratio Lower Upper
56 100
55 52.3 55.0 82.4#



#16
Acetone
Concen: 10.53 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

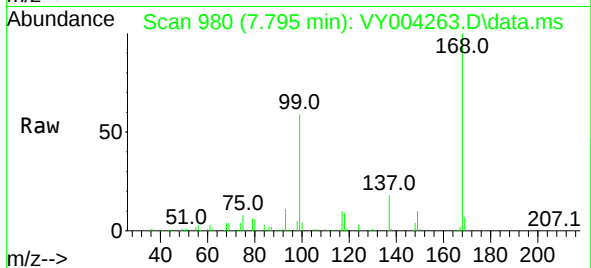
Tgt Ion: 43 Resp: 4045
Ion Ratio Lower Upper
43 100
58 33.2 24.5 36.7



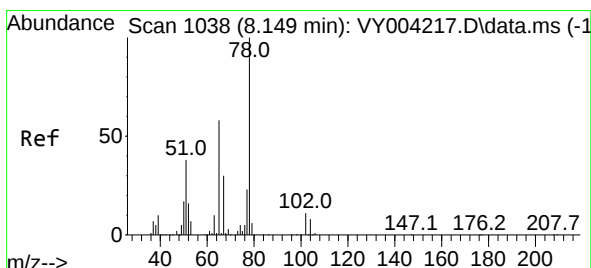
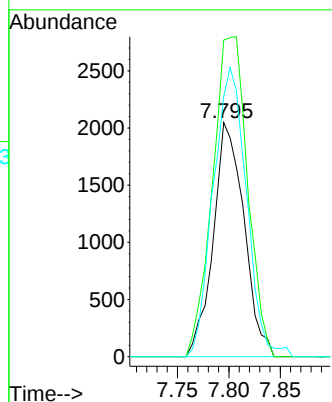
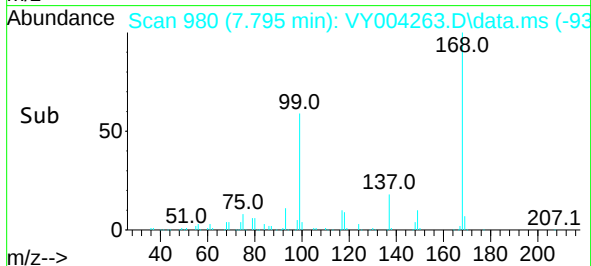


#31
Cyclohexane
Concen: 1.31 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

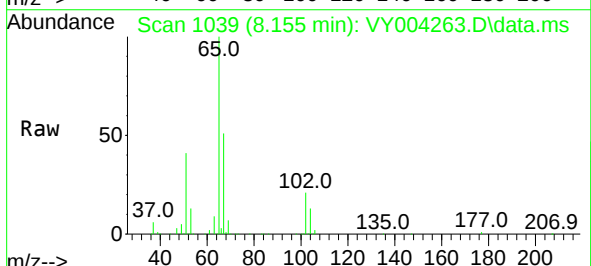
Instrument :
MSVOA_Y
ClientSampleId :
TP-6D-(4-10)



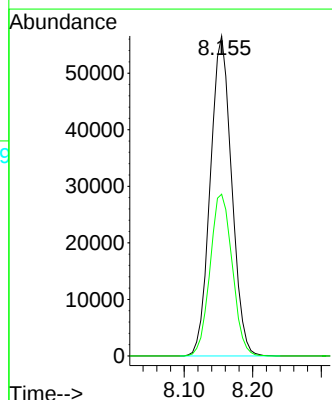
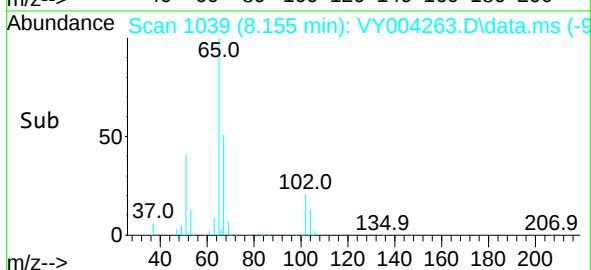
Tgt Ion: 56 Resp: 4262
Ion Ratio Lower Upper
56 100
69 135.3 26.6 40.0#
84 111.2 72.3 108.5#

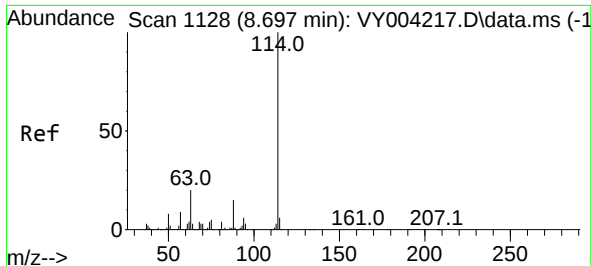


#33
1,2-Dichloroethane-d4
Concen: 66.23 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25



Tgt Ion: 65 Resp: 122143
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.2

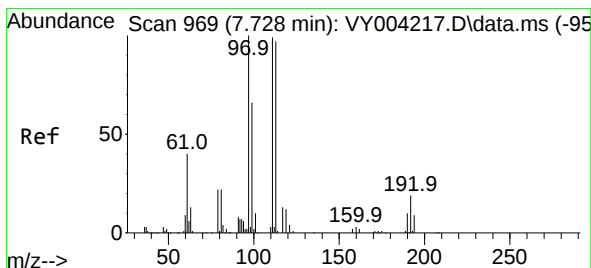
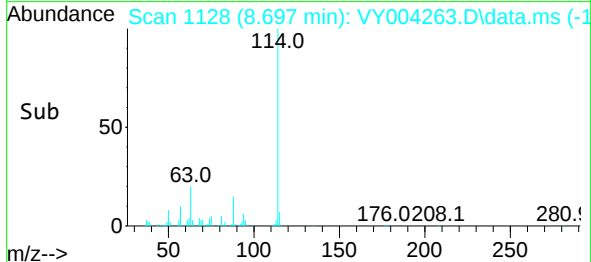
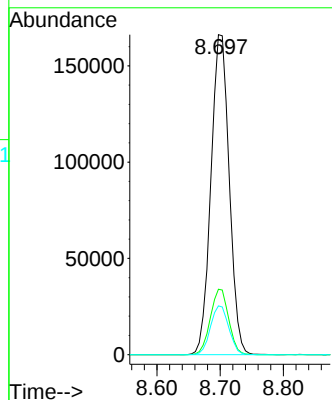
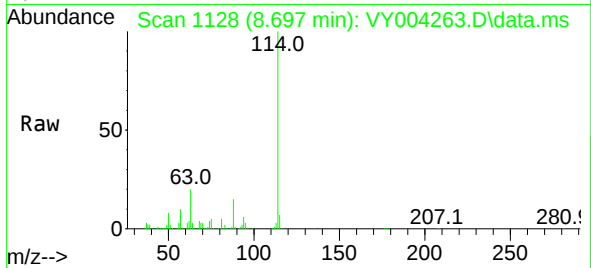




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

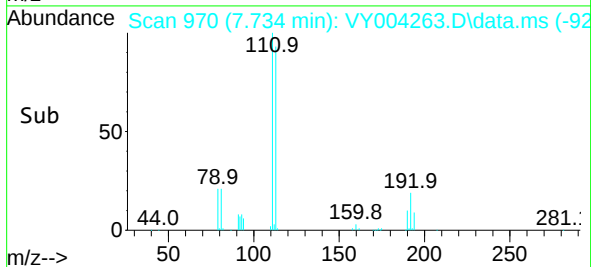
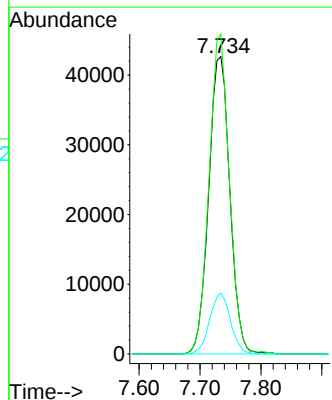
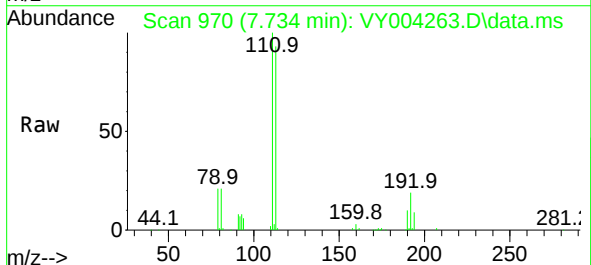
Instrument :
MSVOA_Y
ClientSampleId :
TP-6D-(4-10)

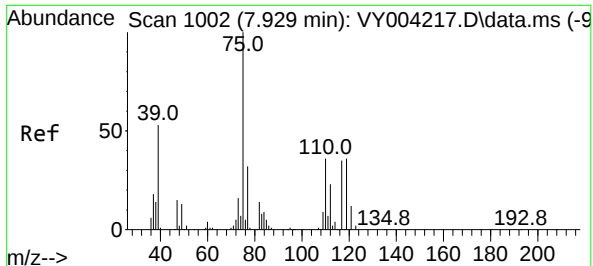
Tgt Ion:	114	Resp:	333254
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	40.4
88	15.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.53 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

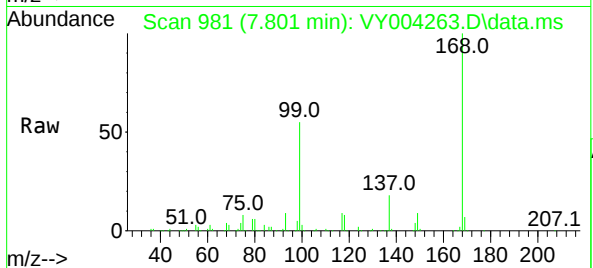
Tgt Ion:	113	Resp:	103115
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.6	124.0
192	20.1	16.4	24.6



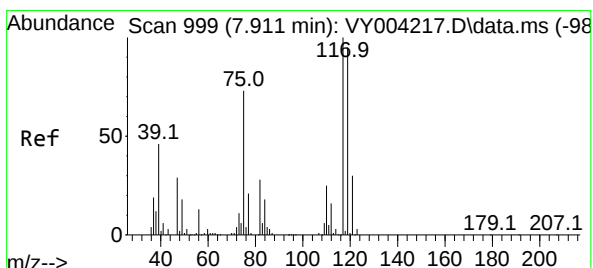
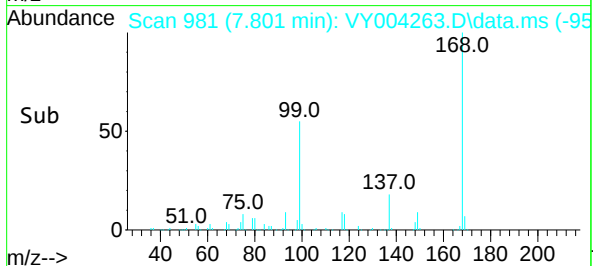
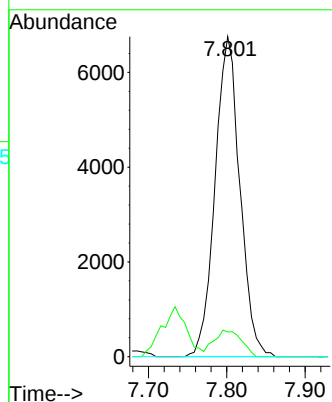


#36
1,1-Dichloropropene
Concen: 4.89 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

Instrument :
MSVOA_Y
ClientSampled :
TP-6D-(4-10)

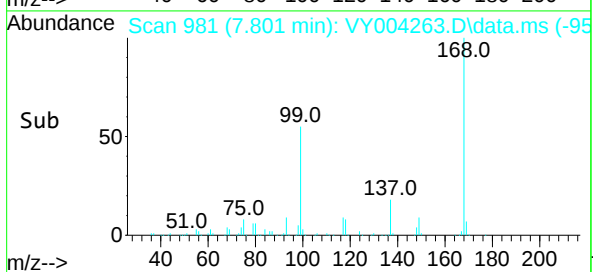
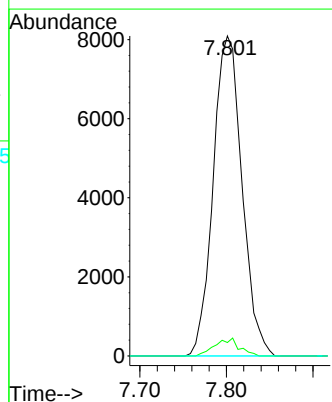
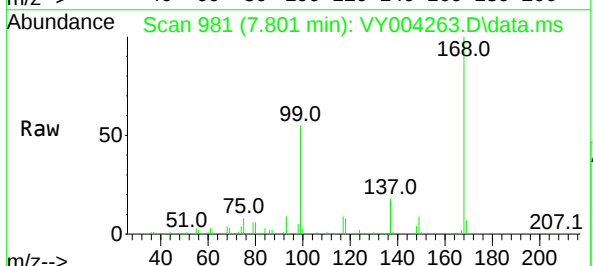


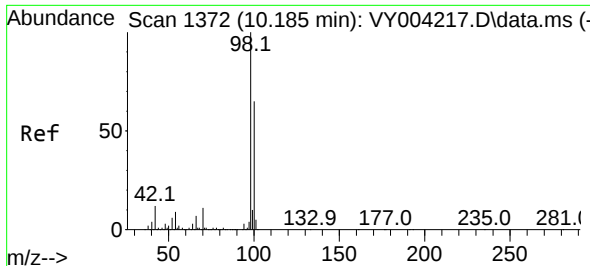
Tgt Ion: 75 Resp: 14868
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.3#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 7.07 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

Tgt Ion: 117 Resp: 18697
Ion Ratio Lower Upper
117 100
119 4.2 75.6 113.4#
121 0.0 24.3 36.5#

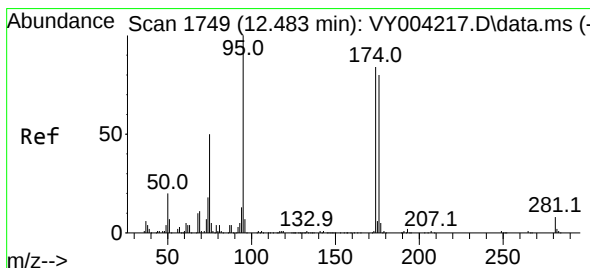
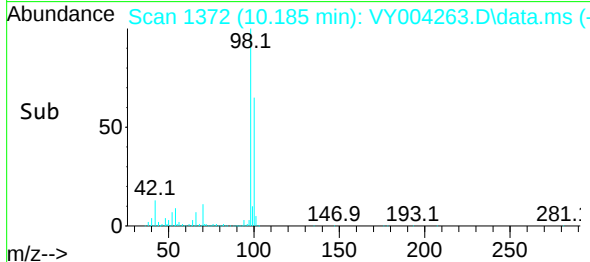
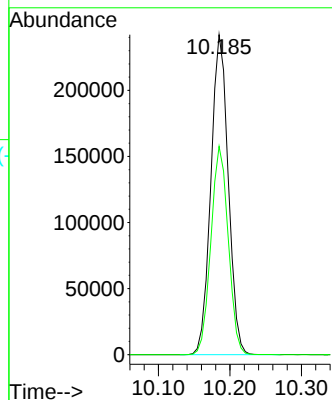
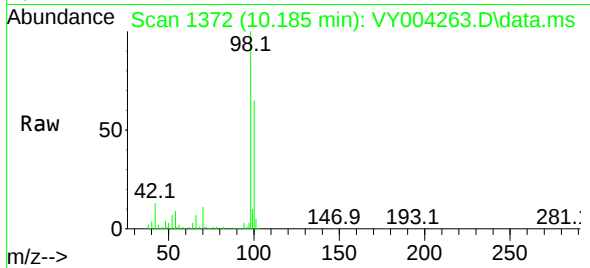




#50
Toluene-d8
Concen: 58.42 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

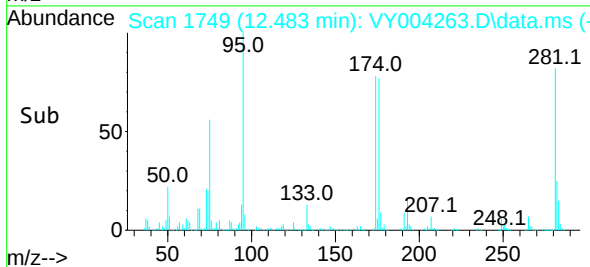
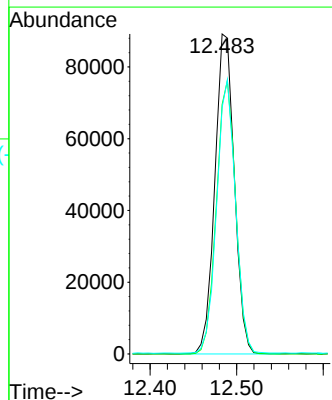
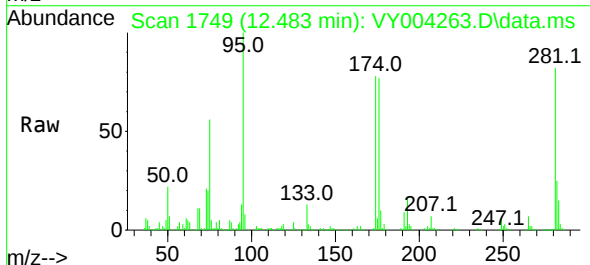
Instrument :
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ClientSampleId :
TP-6D-(4-10)

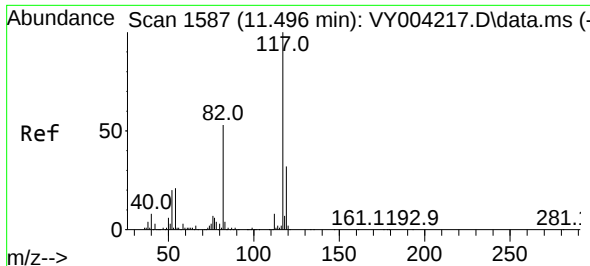
Tgt Ion: 98 Resp: 407992
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 58.17 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

Tgt Ion: 95 Resp: 139237
Ion Ratio Lower Upper
95 100
174 84.2 0.0 171.4
176 82.7 0.0 165.6

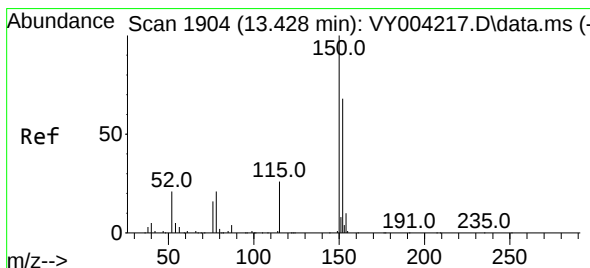
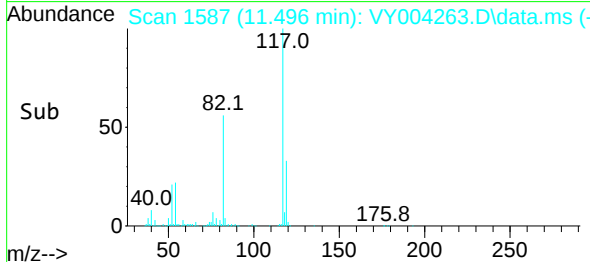
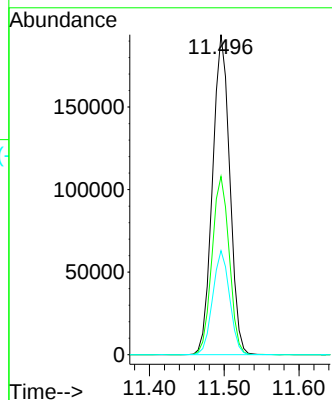
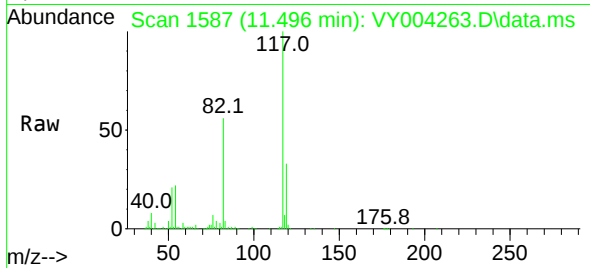




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

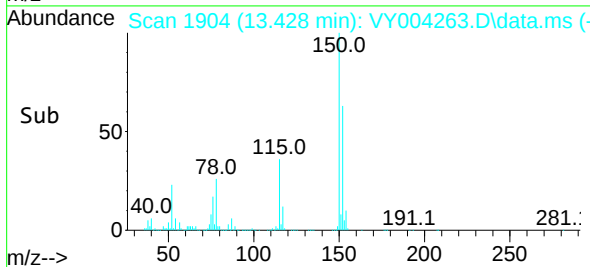
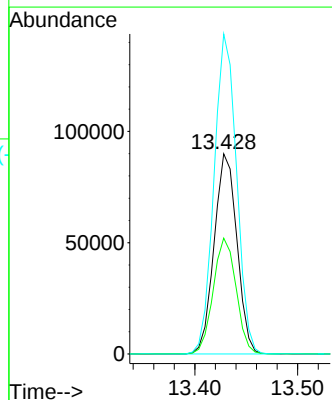
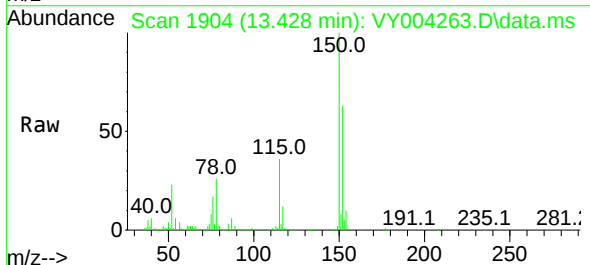
Instrument :
MSVOA_Y
ClientSampleId :
TP-6D-(4-10)

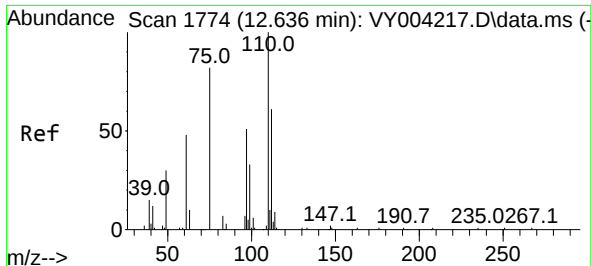
Tgt Ion:117 Resp: 310299
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

Tgt Ion:152 Resp: 138364
Ion Ratio Lower Upper
152 100
115 57.9 29.0 87.1
150 158.3 0.0 347.4

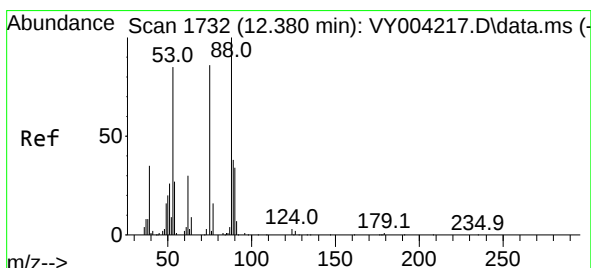
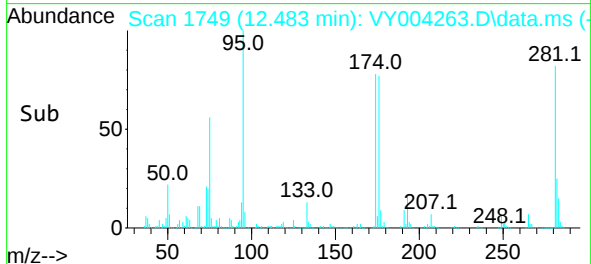
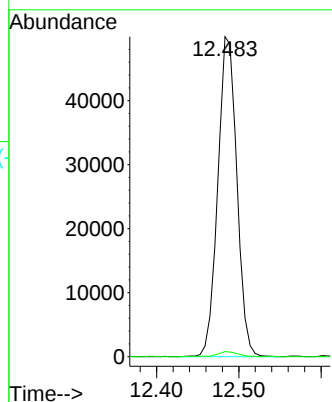
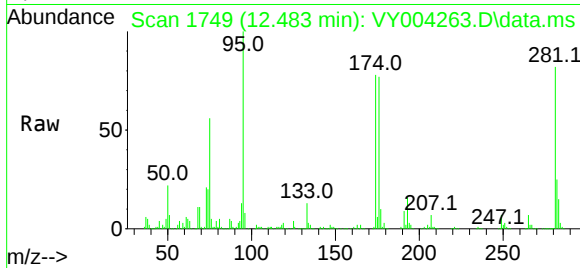




#76
1,2,3-Trichloropropane
Concen: 64.09 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

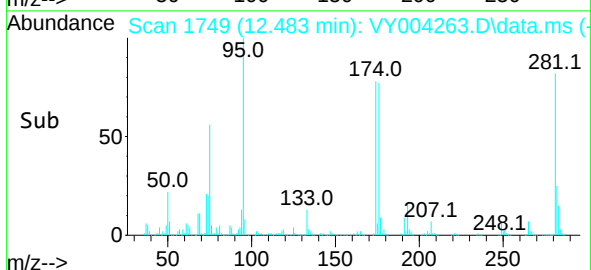
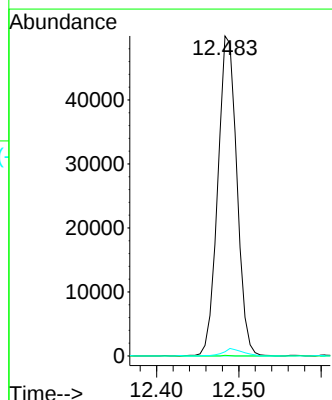
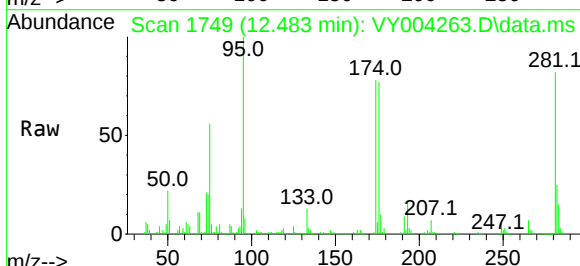
Instrument :
MSVOA_Y
ClientSampleId :
TP-6D-(4-10)

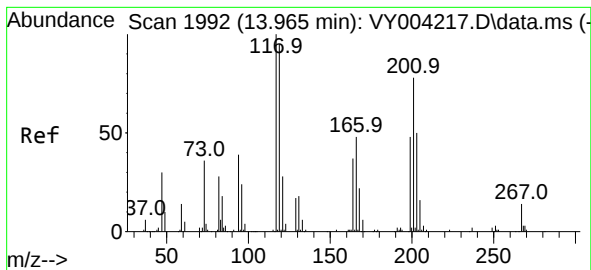
Tgt Ion: 75 Resp: 80530
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.13 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004263.D
Acq: 02 Apr 2021 15:25

Tgt Ion: 75 Resp: 80530
Ion Ratio Lower Upper
75 100
53 0.1 79.3 118.9#
89 2.4 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.34 ug/l
 RT: 13.977 min Scan# 1994
 Delta R.T. 0.012 min
 Lab File: VY004263.D
 Acq: 02 Apr 2021 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6D-(4-10)

Tgt Ion:117 Resp: 57
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

