

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004295.D
 Acq On : 06 Apr 2021 12:20
 Operator : SY/MD
 Sample : M1934-03
 Misc : 5.80g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Apr 07 00:58:39 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	7.795	168	182819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	313238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	293075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125241	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	115587	65.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.54%
35) Dibromofluoromethane	7.728	113	97201	55.69	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.38%
50) Toluene-d8	10.185	98	384530	58.58	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.16%
62) 4-Bromofluorobenzene	12.483	95	127033	56.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.92%

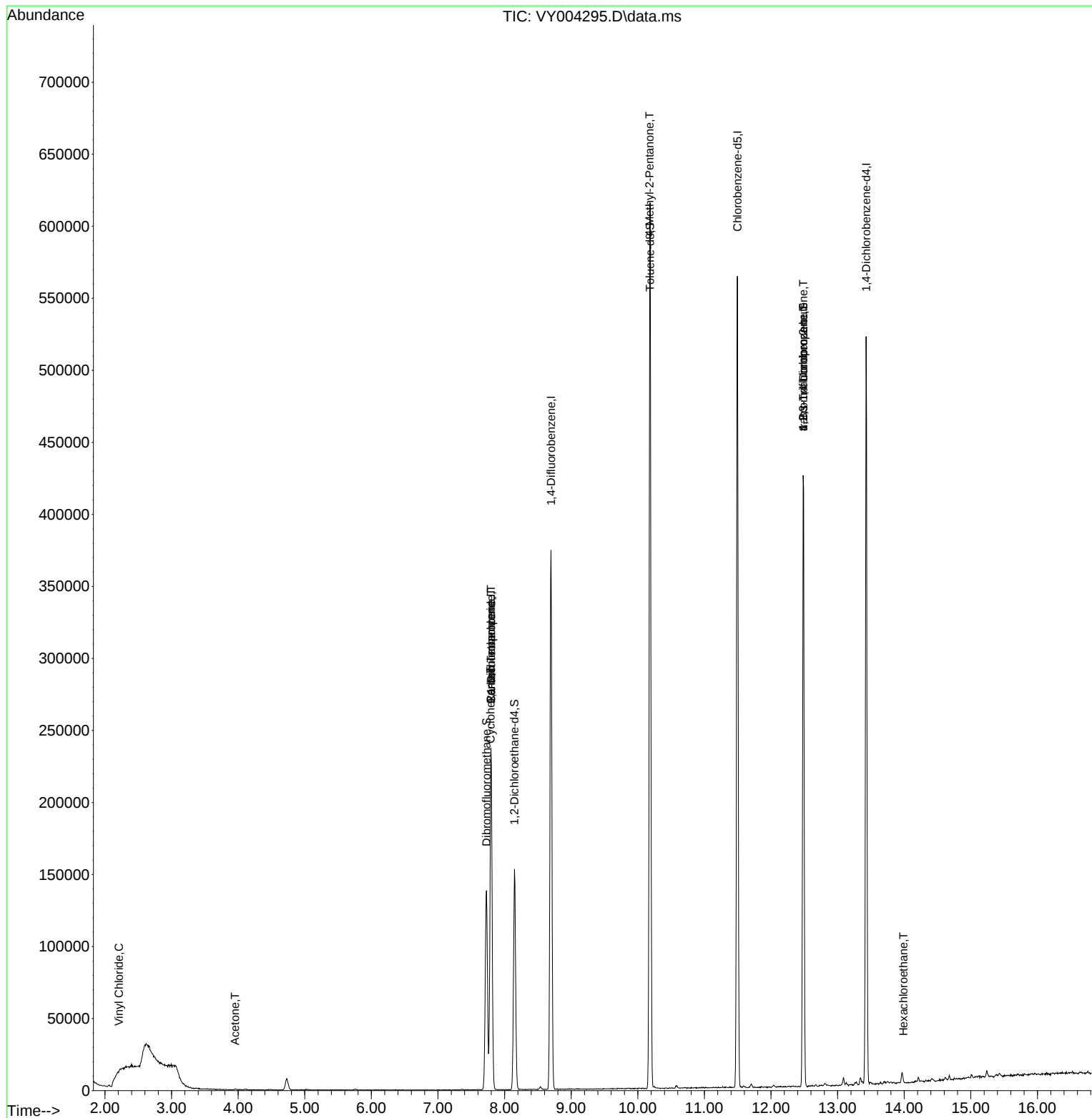
Target Compounds						Qvalue
4) Vinyl Chloride	2.210	62	7003	2.94	ug/l #	42
16) Acetone	3.954	43	754	2.06	ug/l #	83
31) Cyclohexane	7.789	56	4092	1.32	ug/l #	6
36) 1,1-Dichloropropene	7.795	75	14073	4.92	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18315	7.37	ug/l #	15
49) 1,4-Dioxane	9.301	88	19	Below Cal	#	11
51) 4-Methyl-2-Pentanone	10.178	43	1901	1.17	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	69525	61.13	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69525	112.67	ug/l #	10
90) Hexachloroethane	13.989	117	77	7.37	ug/l #	12

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

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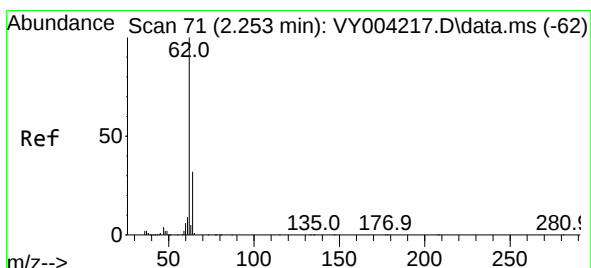
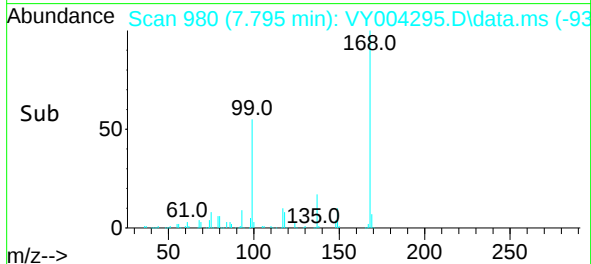
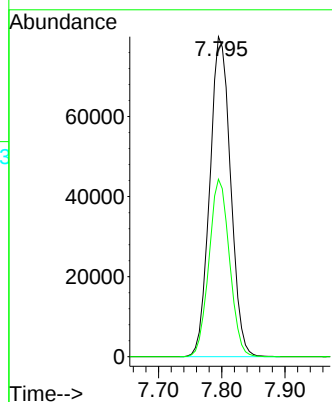
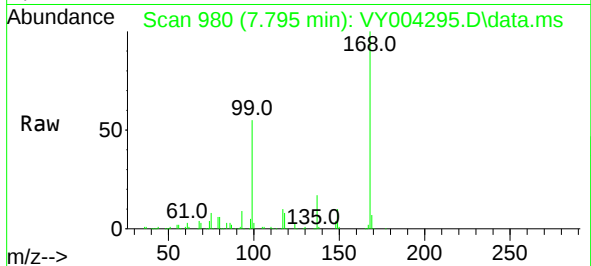




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

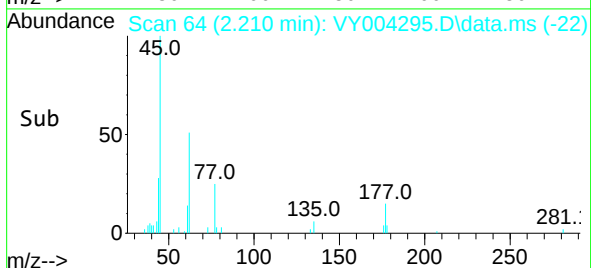
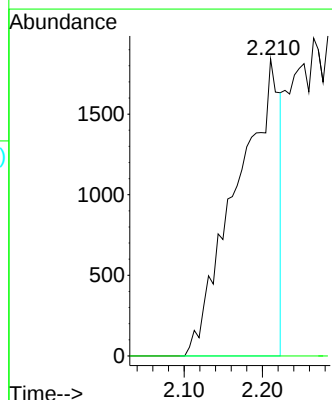
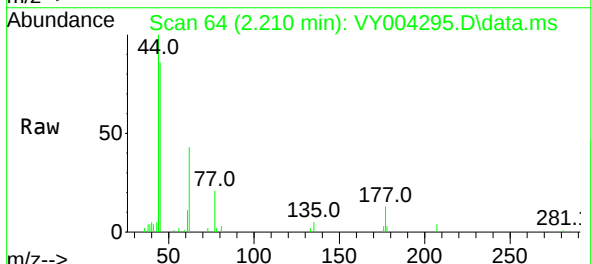
Instrument :
MSVOA_Y
ClientSampled :
TP-2

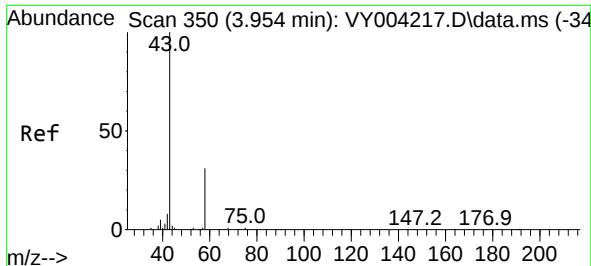
Tgt Ion:168 Resp: 182819
Ion Ratio Lower Upper
168 100
99 55.5 42.6 64.0



#4
Vinyl Chloride
Concen: 2.94 ug/l
RT: 2.210 min Scan# 64
Delta R.T. -0.043 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

Tgt Ion: 62 Resp: 7003
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

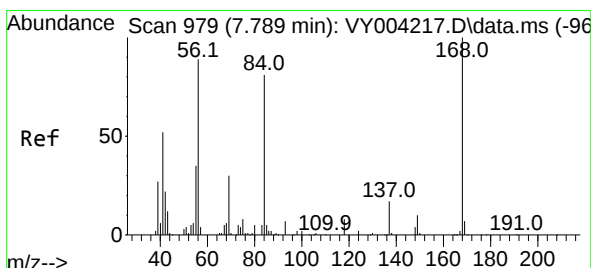
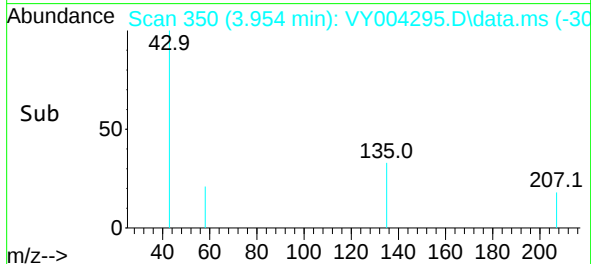
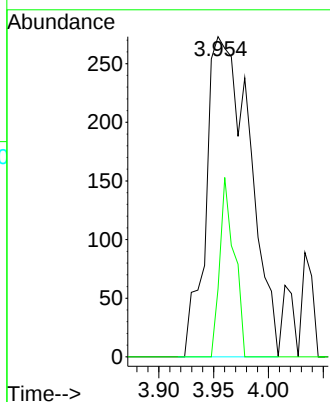
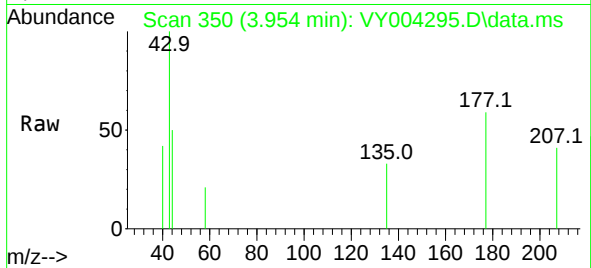




#16
Acetone
Concen: 2.06 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

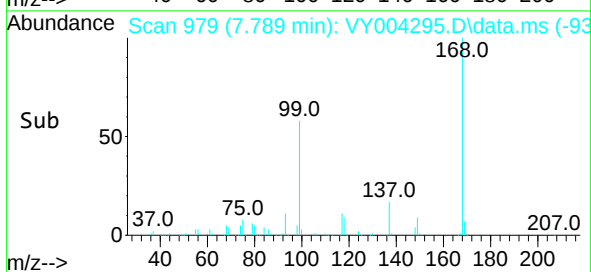
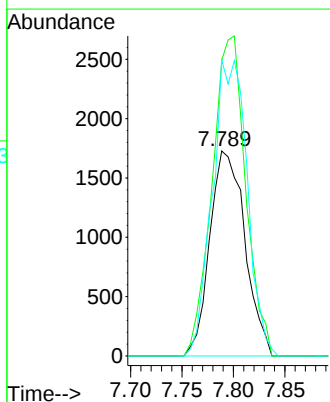
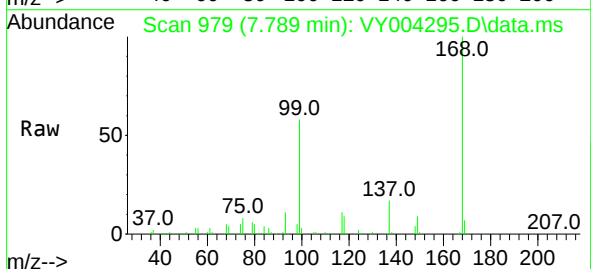
Instrument :
MSVOA_Y
ClientSampled :
TP-2

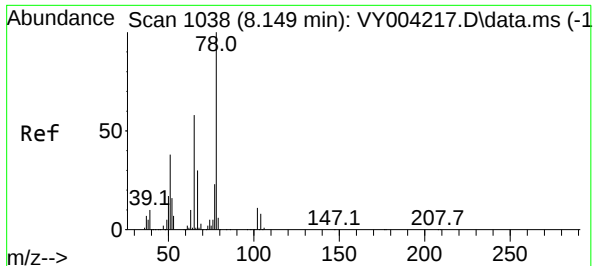
Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
58 21.2 24.5 36.7#



#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

Tgt Ion: 56 Resp: 4092
Ion Ratio Lower Upper
56 100
69 144.2 26.6 40.0#
84 144.4 72.3 108.5#

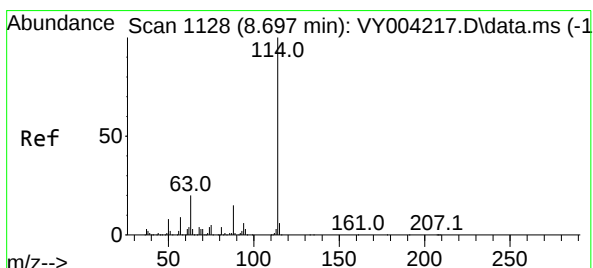
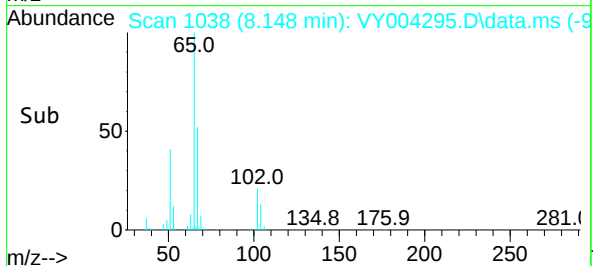
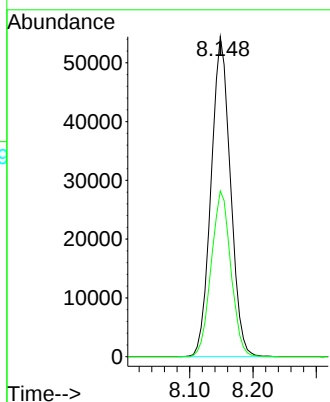
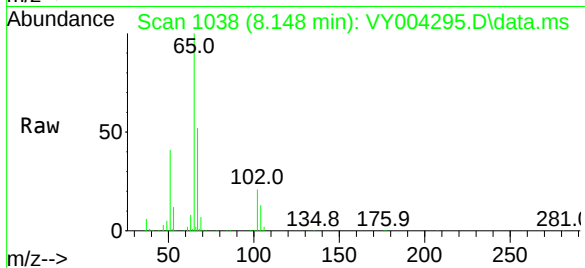




#33
1,2-Dichloroethane-d4
Concen: 65.77 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

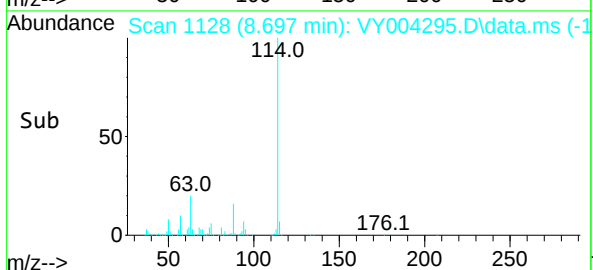
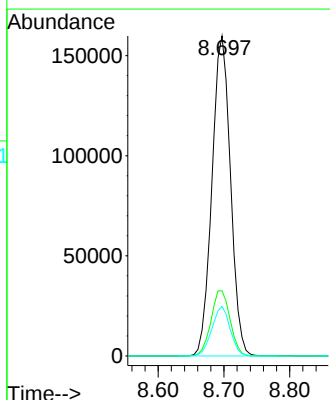
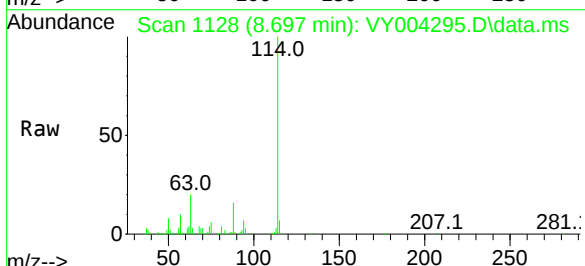
Instrument :
MSVOA_Y
ClientSampled :
TP-2

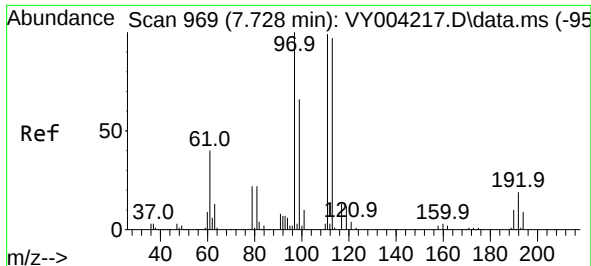
Tgt Ion: 65 Resp: 115587
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

Tgt Ion:114 Resp: 313238
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.4
88 15.5 0.0 30.8

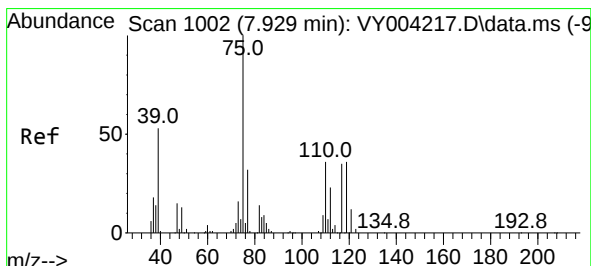
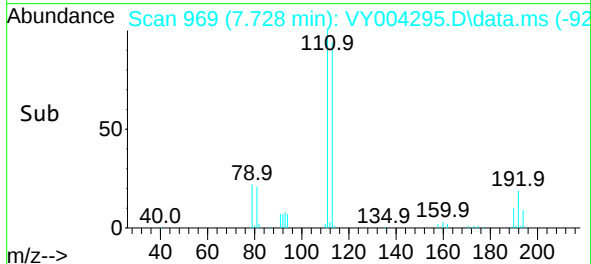
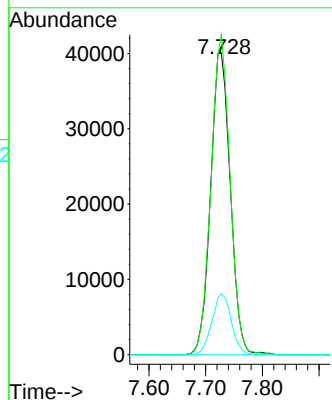
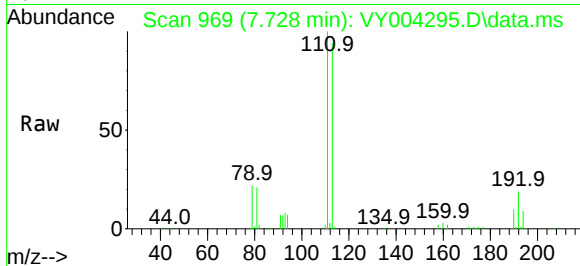




#35
Dibromofluoromethane
Concen: 55.69 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

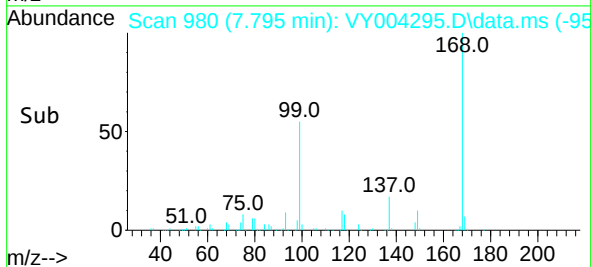
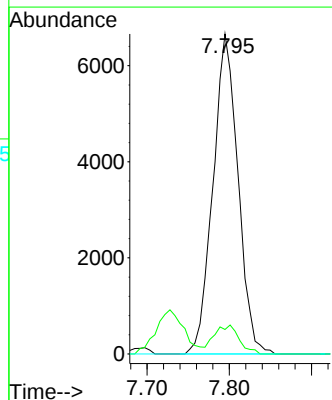
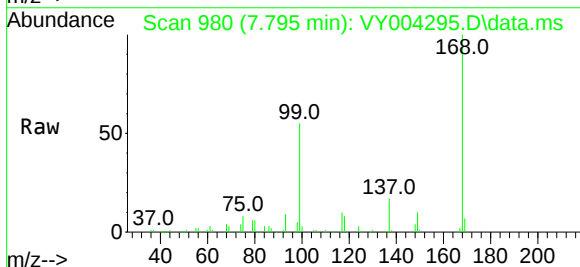
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

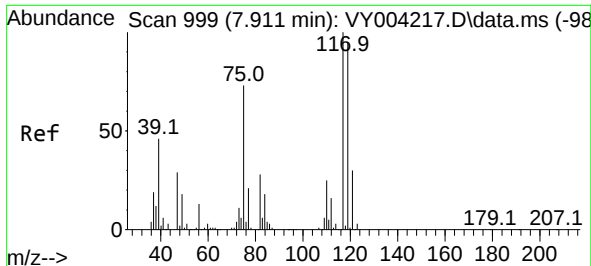
Tgt Ion:	113	Resp:	97201
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	19.7	16.4	24.6



#36
1,1-Dichloropropene
Concen: 4.92 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.135 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

Tgt Ion:	75	Resp:	14073
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	25.1	37.7#

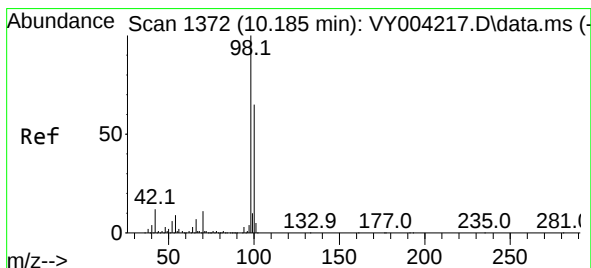
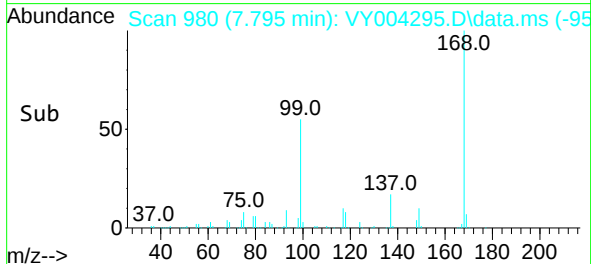
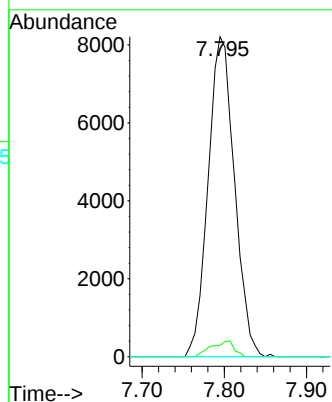
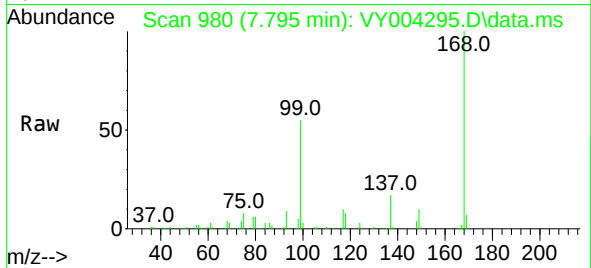




#38
Carbon Tetrachloride
Concen: 7.37 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

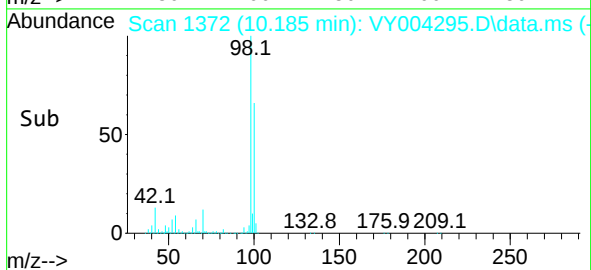
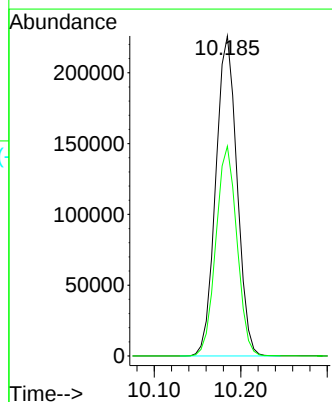
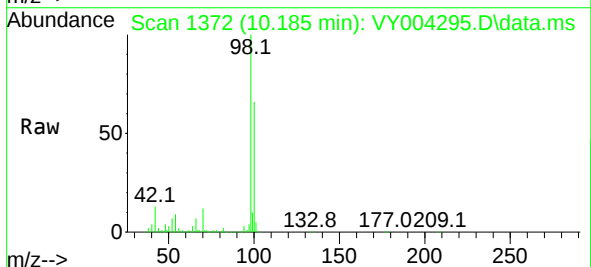
Instrument :
MSVOA_Y
ClientSampled :
TP-2

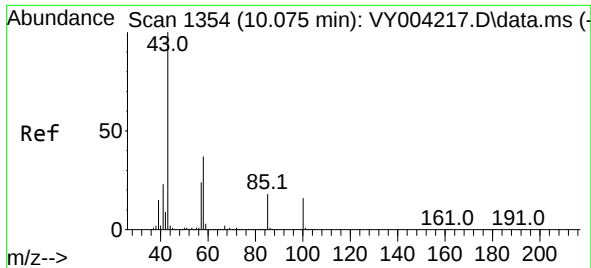
Tgt Ion:117 Resp: 18315
Ion Ratio Lower Upper
117 100
119 3.5 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 58.58 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

Tgt Ion: 98 Resp: 384530
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

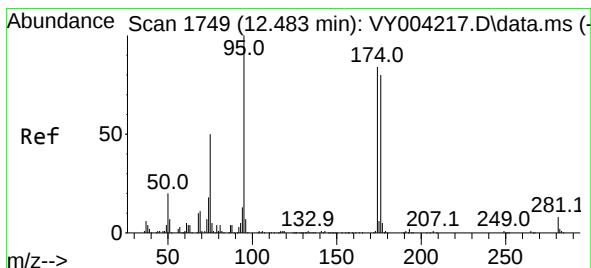
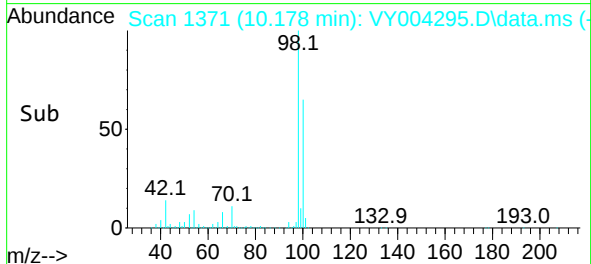
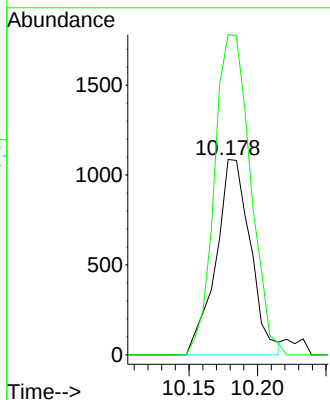
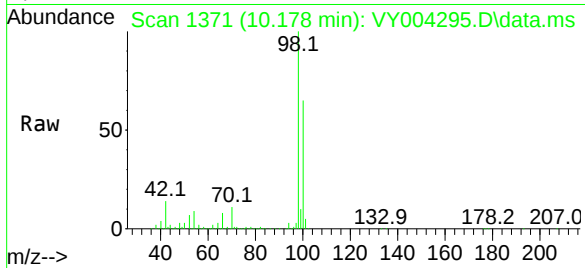




#51
4-Methyl-2-Pentanone
Concen: 1.17 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

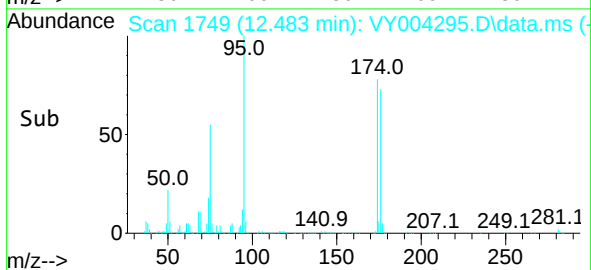
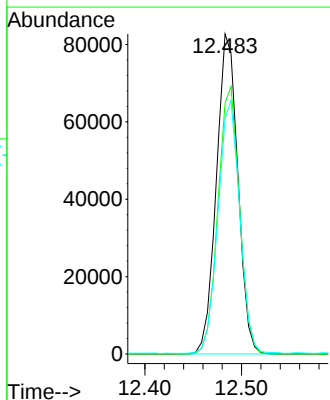
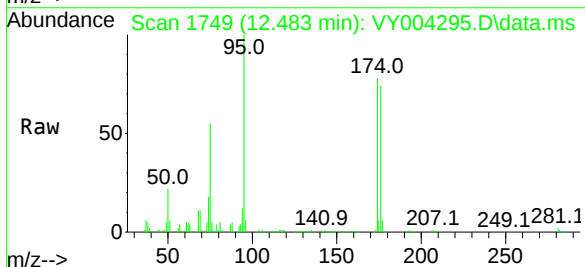
Instrument :
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ClientSampled :
TP-2

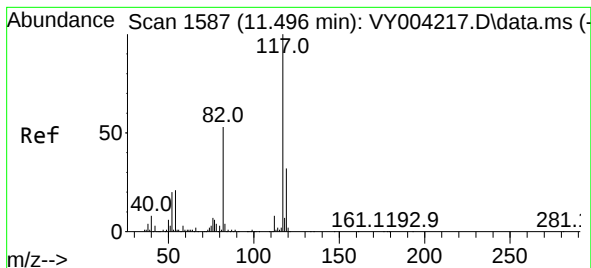
Tgt Ion: 43 Resp: 1901
Ion Ratio Lower Upper
43 100
58 171.5 30.6 45.8#



#62
4-Bromofluorobenzene
Concen: 56.46 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

Tgt Ion: 95 Resp: 127033
Ion Ratio Lower Upper
95 100
174 84.0 0.0 171.4
176 80.1 0.0 165.6

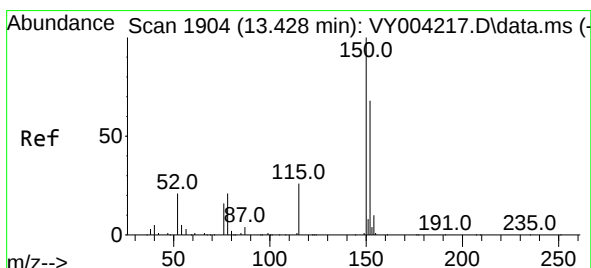
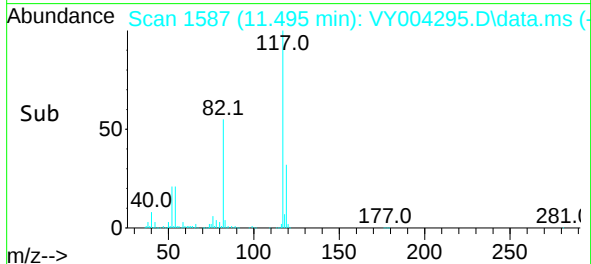
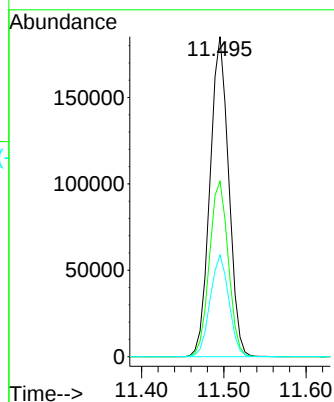
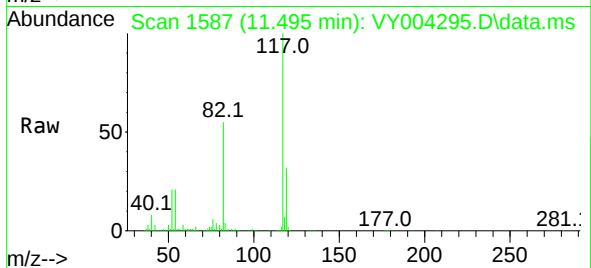




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

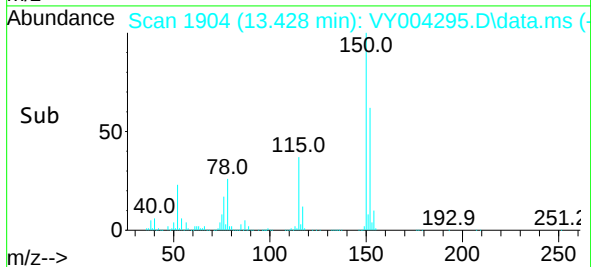
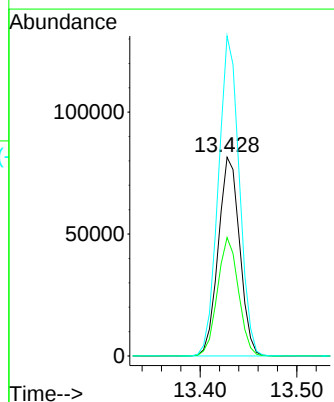
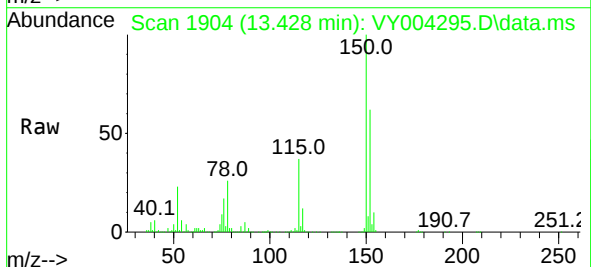
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

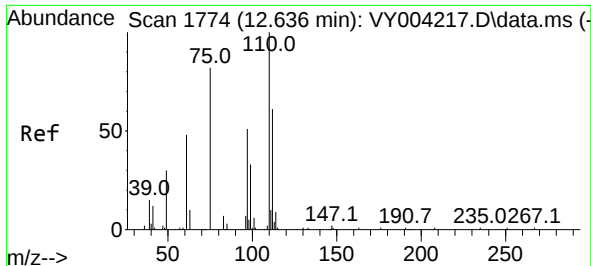
Tgt Ion:117 Resp: 293075
Ion Ratio Lower Upper
117 100
82 54.8 42.7 64.1
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

Tgt Ion:152 Resp: 125241
Ion Ratio Lower Upper
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115 58.3 29.0 87.1
150 157.4 0.0 347.4

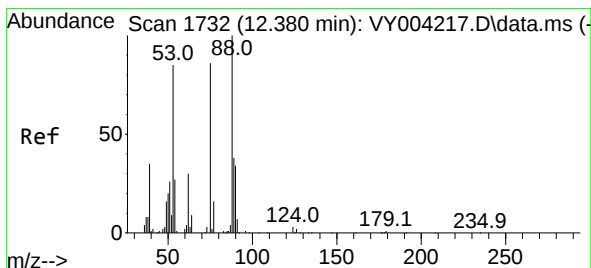
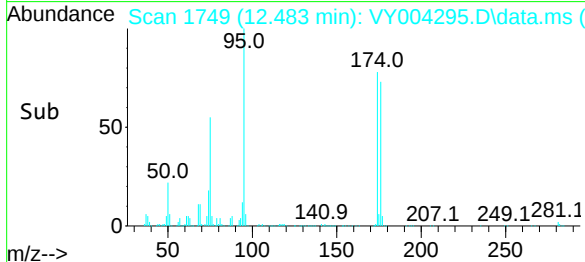
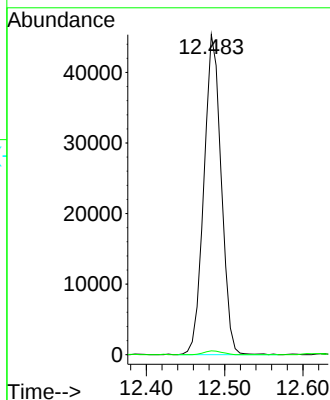
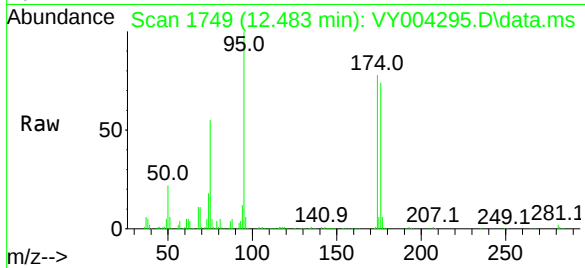




#76
1,2,3-Trichloropropane
Concen: 61.13 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

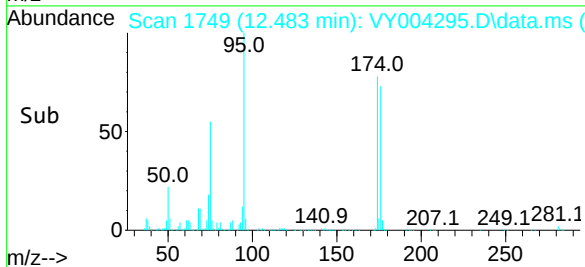
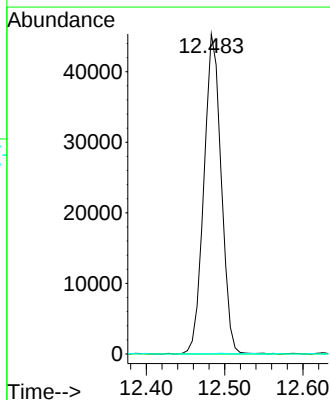
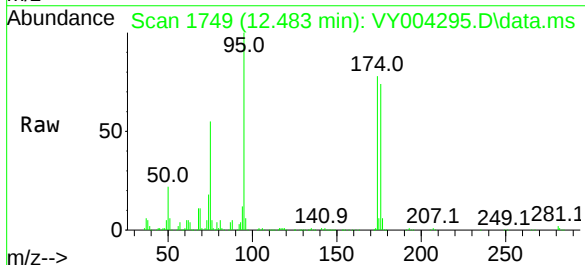
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

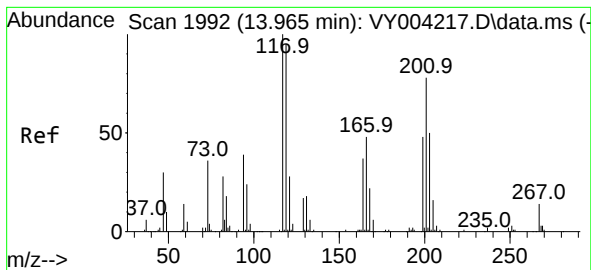
Tgt Ion: 75 Resp: 69525
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004295.D
Acq: 06 Apr 2021 12:20

Tgt Ion: 75 Resp: 69525
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: 13.989 min Scan# 1996
 Delta R.T. 0.024 min
 Lab File: VY004295.D
 Acq: 06 Apr 2021 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Tgt Ion:117 Resp: 77
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

