

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004318.D
 Acq On : 07 Apr 2021 16:28
 Operator : SY/MD
 Sample : M1963-08
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 08 01:01:56 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)

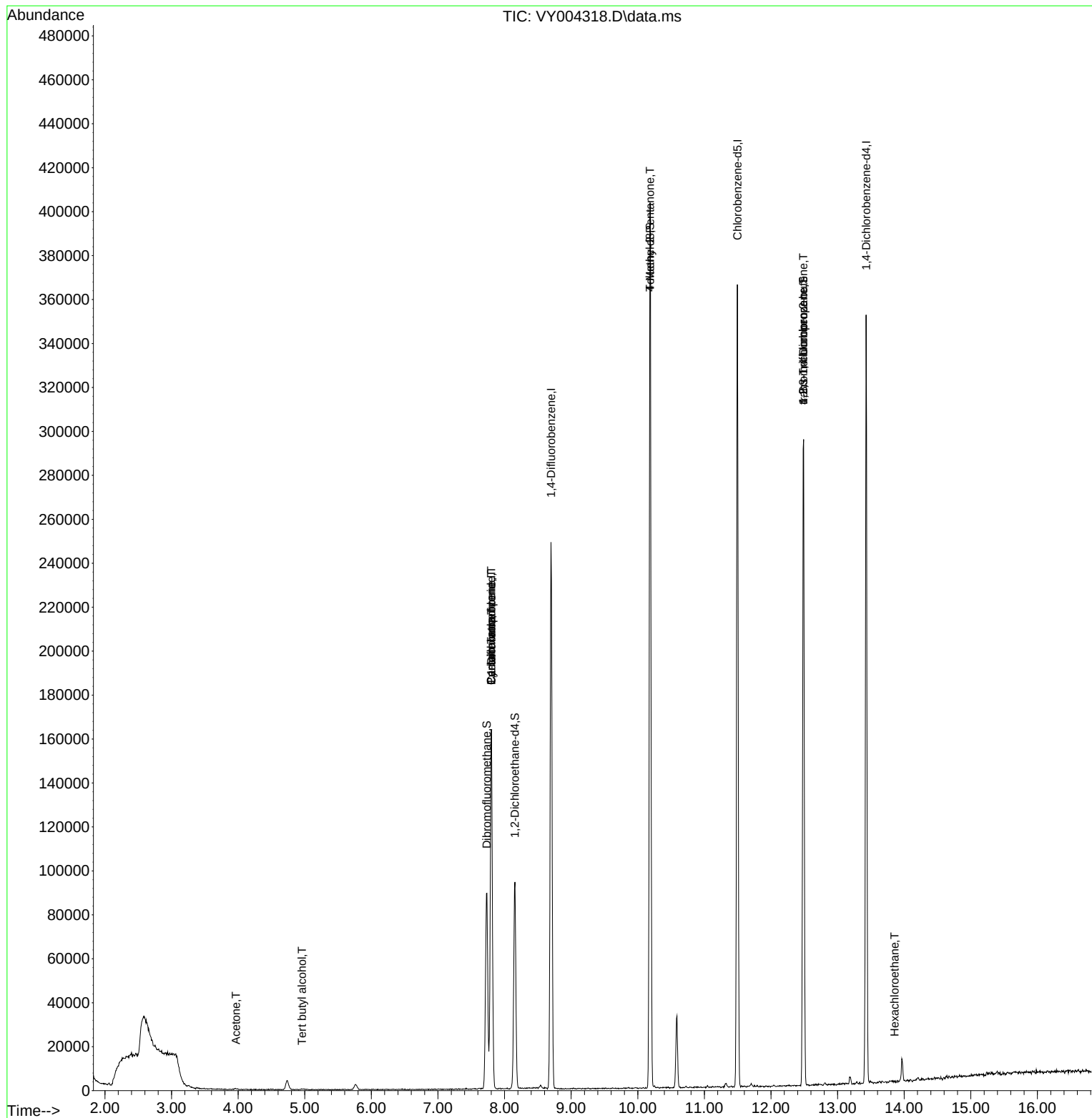
Internal Standards						
1) Pentafluorobenzene	7.801	168	122617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	207400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	186884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	72664	61.65	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.30%			
35) Dibromofluoromethane	7.734	113	62994	54.51	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.02%			
50) Toluene-d8	10.185	98	253863	58.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.82%			
62) 4-Bromofluorobenzene	12.483	95	81014	54.39	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.78%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	430	4.48	ug/l #	71
16) Acetone	3.967	43	844	3.44	ug/l #	44
20) Methylene Chloride	4.735	84	2910	Below Cal	#	87
31) Cyclohexane	7.801	56	2840	1.36	ug/l #	21
36) 1,1-Dichloropropene	7.801	75	9808	5.18	ug/l #	50
38) Carbon Tetrachloride	7.801	117	11844	7.19	ug/l #	17
49) 1,4-Dioxane	9.307	88	19	Below Cal	#	29
51) 4-Methyl-2-Pentanone	10.185	43	1329	1.24	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	44433	58.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44433	108.21	ug/l #	10
90) Hexachloroethane	13.855	117	19	7.32	ug/l #	12

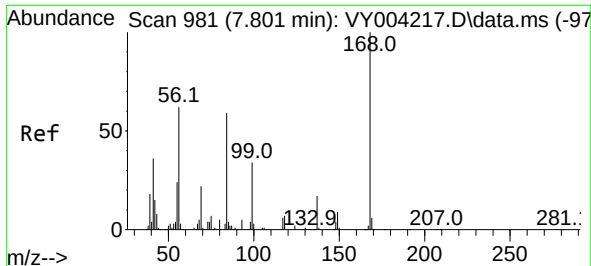
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
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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

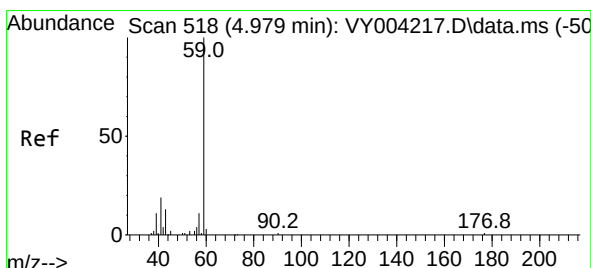
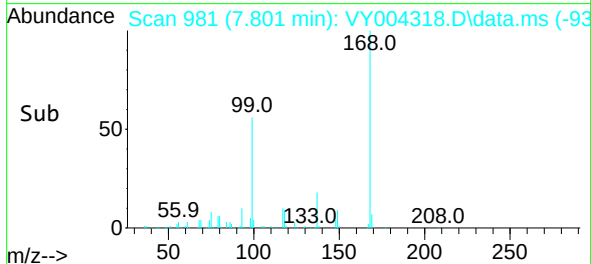
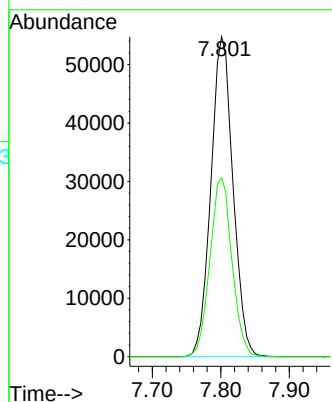
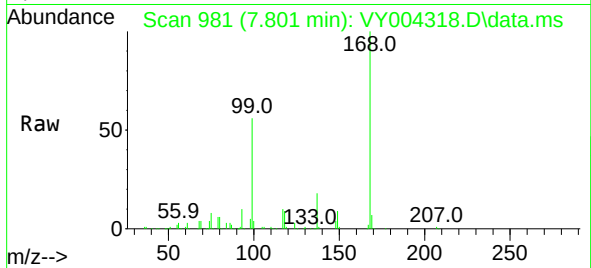




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

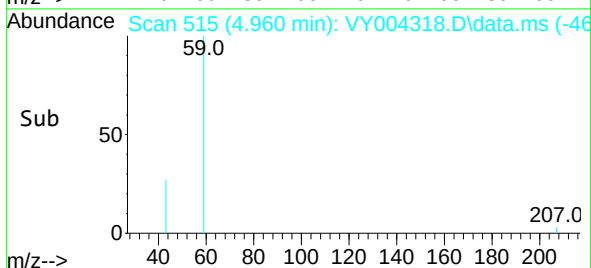
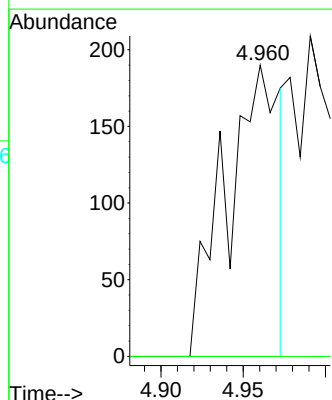
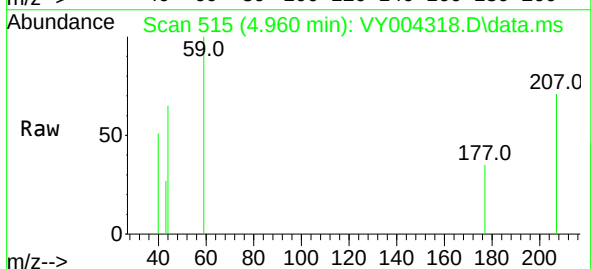
Instrument :
MSVOA_Y
ClientSampleId :

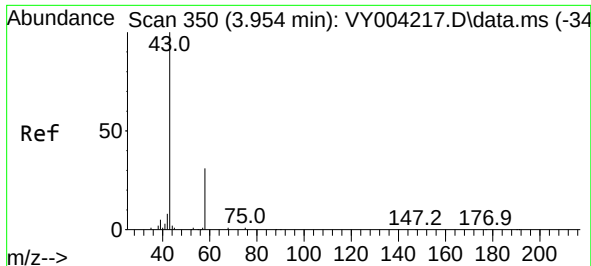
Tgt Ion:168 Resp: 122617
Ion Ratio Lower Upper
168 100
99 55.9 42.6 64.0



#11
Tert butyl alcohol
Concen: 4.48 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

Tgt Ion: 59 Resp: 430
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

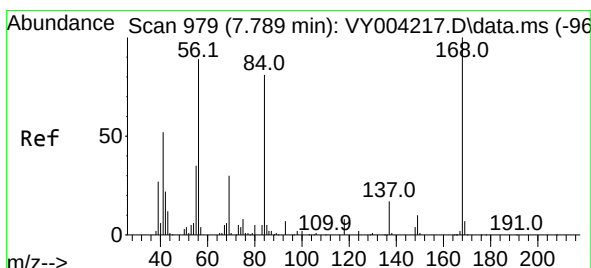
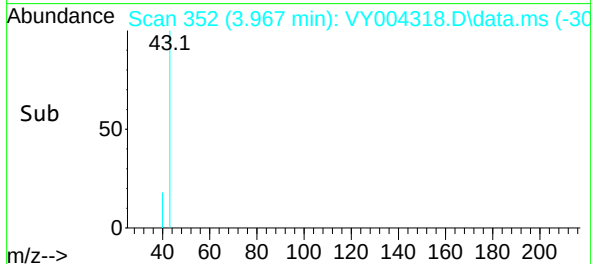
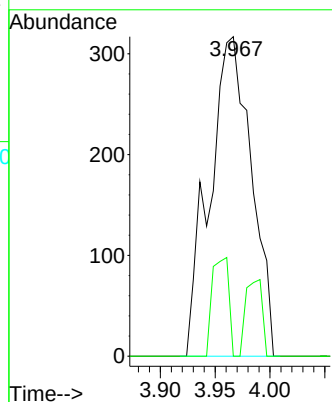
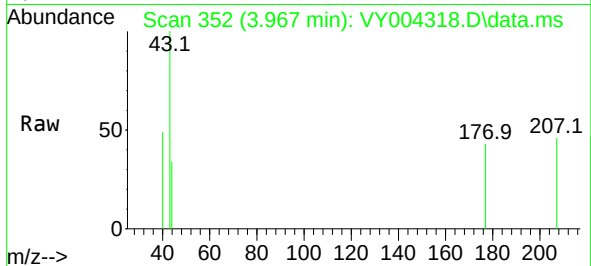




#16
Acetone
Concen: 3.44 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

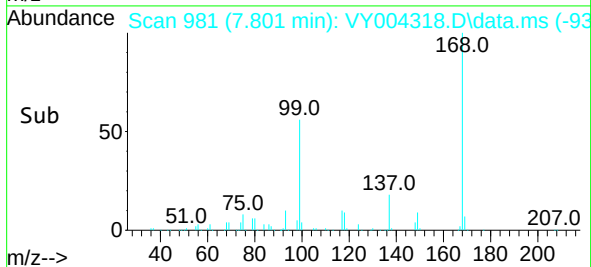
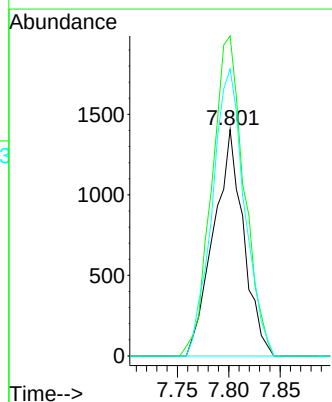
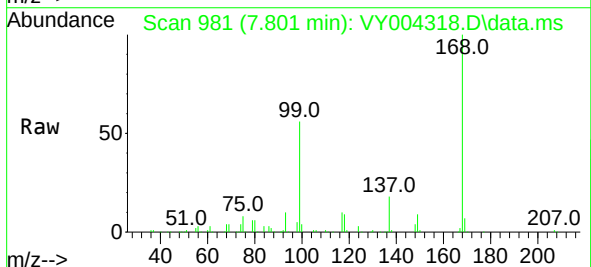
Instrument :
MSVOA_Y
ClientSampled :

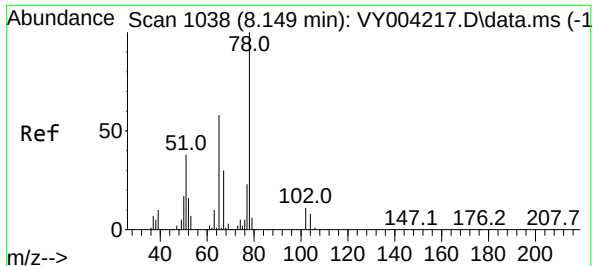
Tgt Ion: 43 Resp: 844
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.36 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

Tgt Ion: 56 Resp: 2840
Ion Ratio Lower Upper
56 100
69 141.3 26.6 40.0#
84 126.7 72.3 108.5#

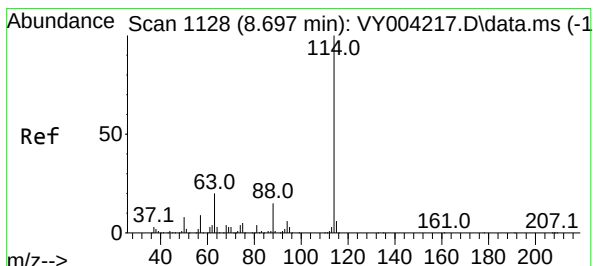
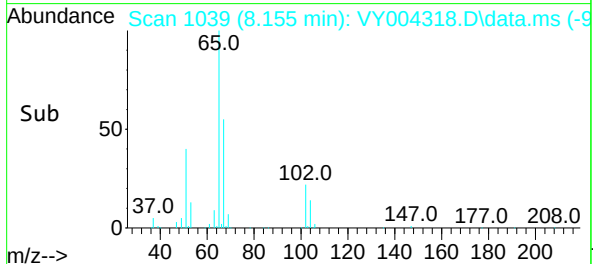
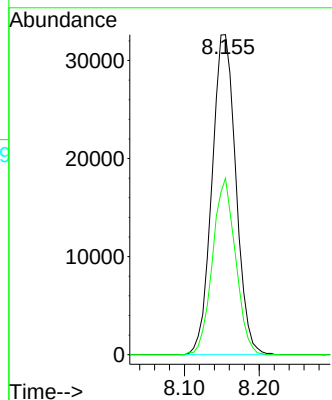
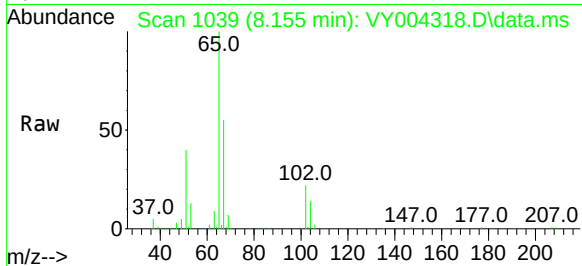




#33
1,2-Dichloroethane-d4
Concen: 61.65 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

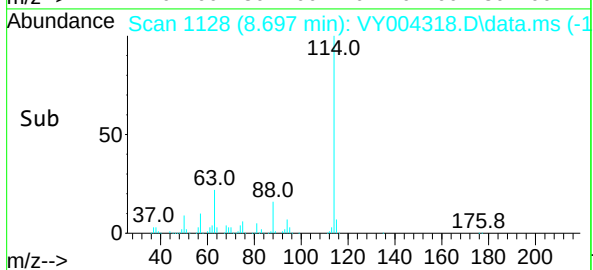
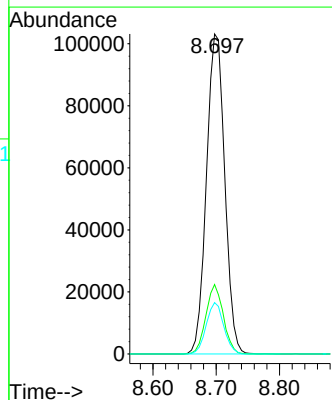
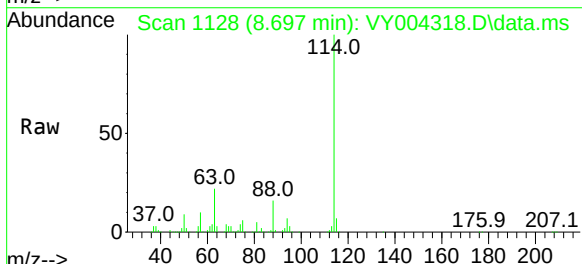
Instrument :
MSVOA_Y
ClientSampleId :

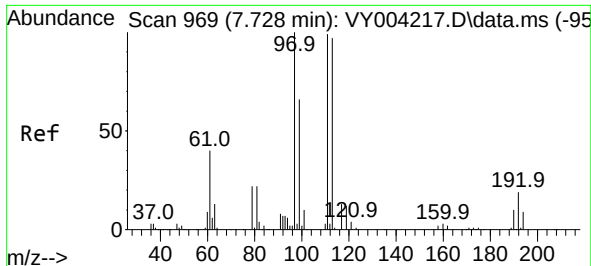
Tgt Ion: 65 Resp: 72664
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

Tgt Ion: 114 Resp: 207400
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.4
88 16.1 0.0 30.8

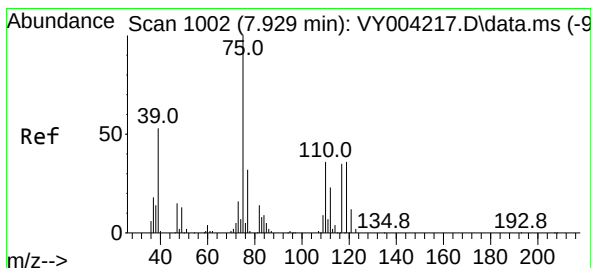
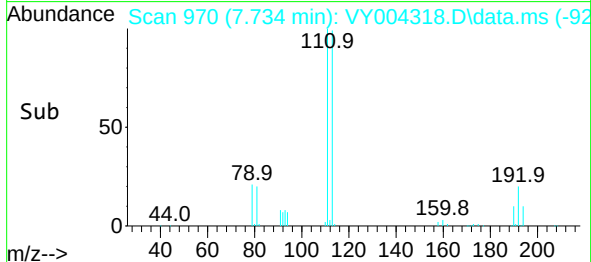
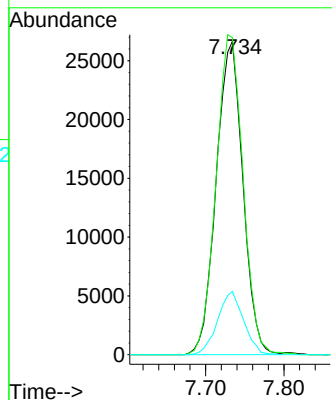
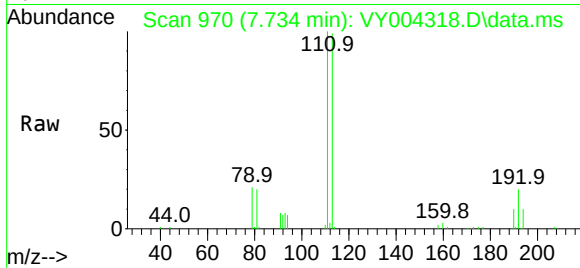




#35
Dibromofluoromethane
Concen: 54.51 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

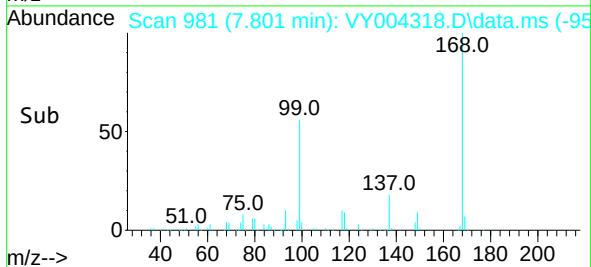
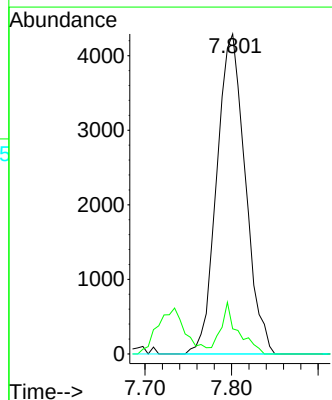
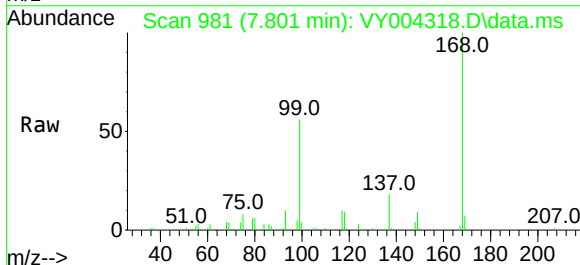
Instrument :
MSVOA_Y
ClientSampleId :

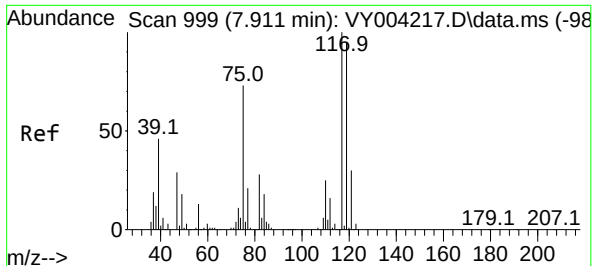
Tgt Ion:113 Resp: 62994
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.7 16.4 24.6



#36
1,1-Dichloropropene
Concen: 5.18 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

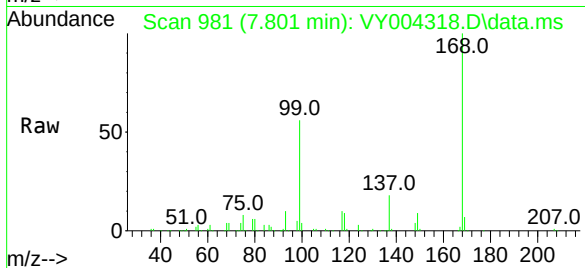
Tgt Ion: 75 Resp: 9808
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.3#
77 0.0 25.1 37.7#



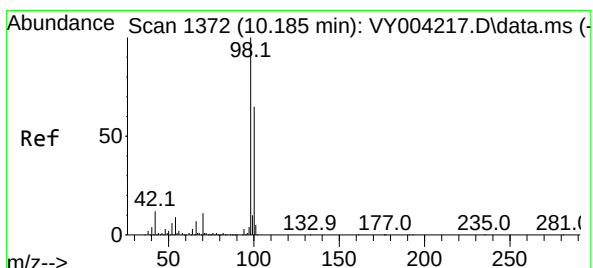
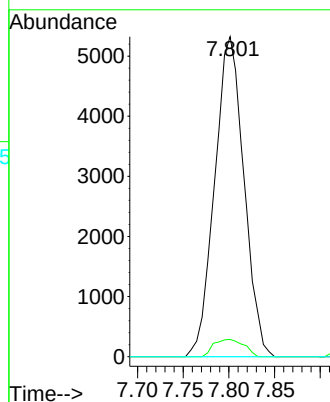
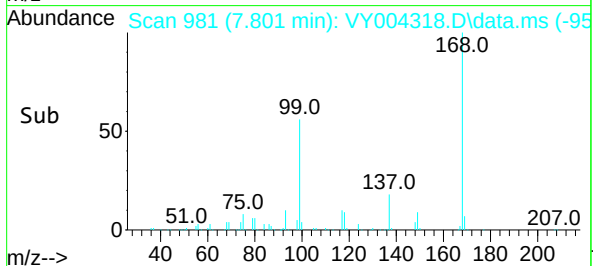


#38
Carbon Tetrachloride
Concen: 7.19 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

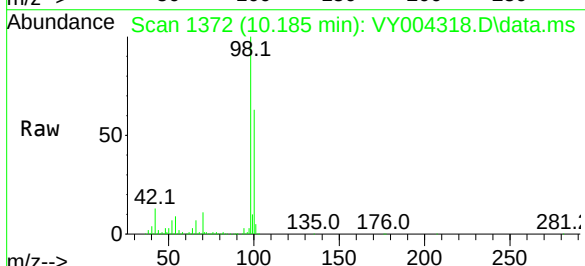
Instrument :
MSVOA_Y
ClientSampled :



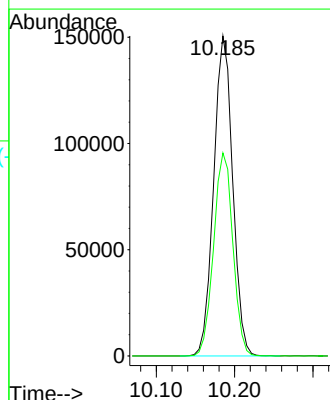
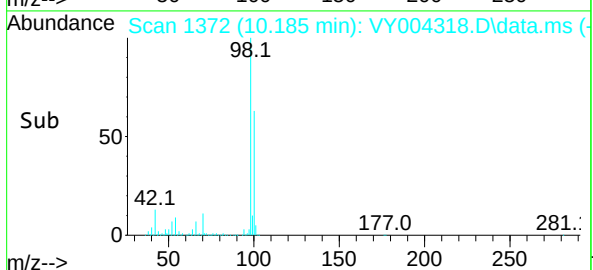
Tgt Ion:117 Resp: 11844
Ion Ratio Lower Upper
117 100
119 5.4 75.6 113.4#
121 0.0 24.3 36.5#

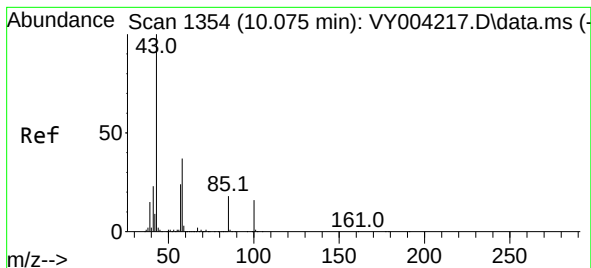


#50
Toluene-d8
Concen: 58.41 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28



Tgt Ion: 98 Resp: 253863
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7

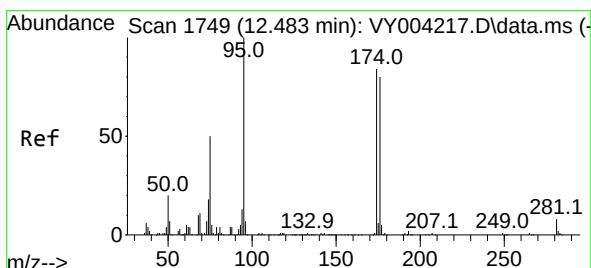
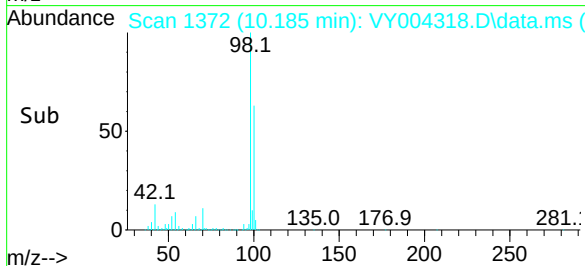
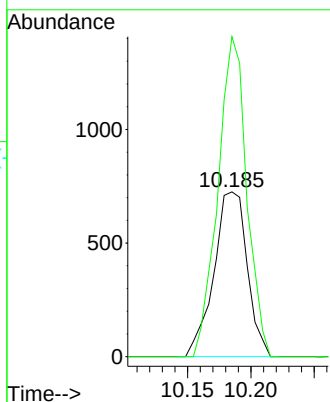
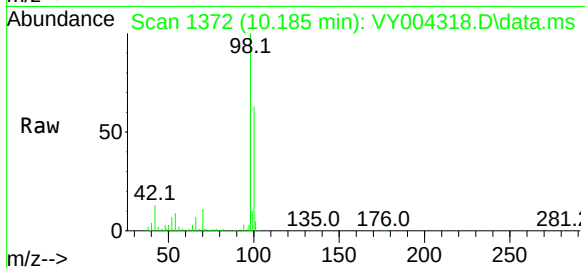




#51
4-Methyl-2-Pentanone
Concen: 1.24 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

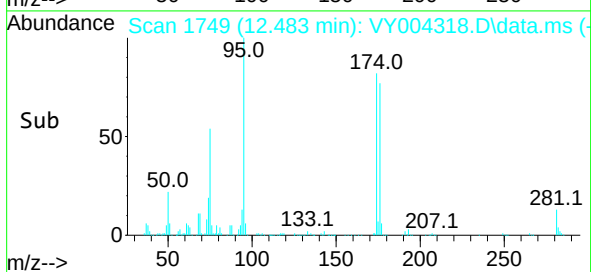
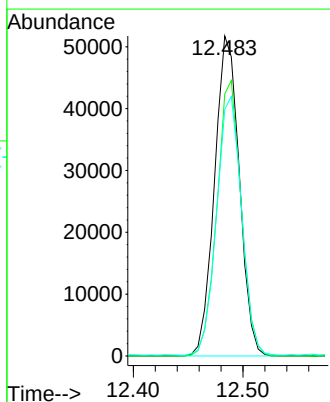
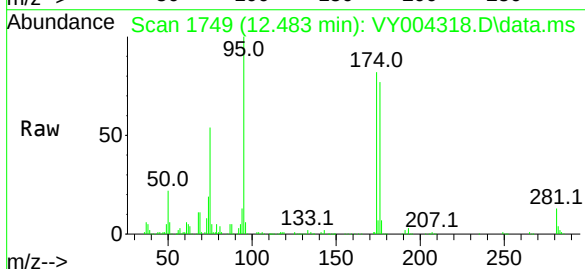
Instrument :
MSVOA_Y
ClientSampled :

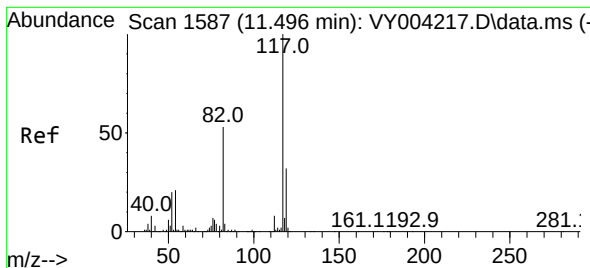
Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
58 167.9 30.6 45.8#



#62
4-Bromofluorobenzene
Concen: 54.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

Tgt Ion: 95 Resp: 81014
Ion Ratio Lower Upper
95 100
174 84.6 0.0 171.4
176 81.3 0.0 165.6

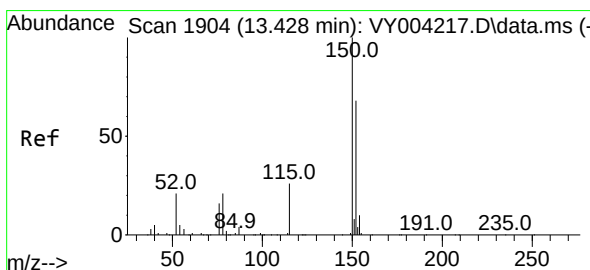
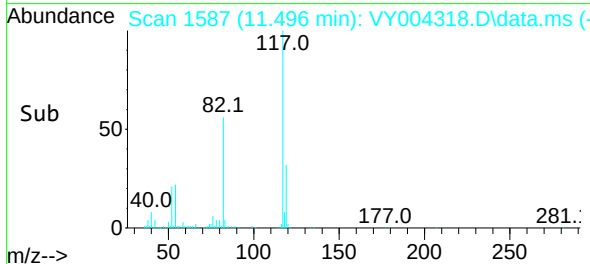
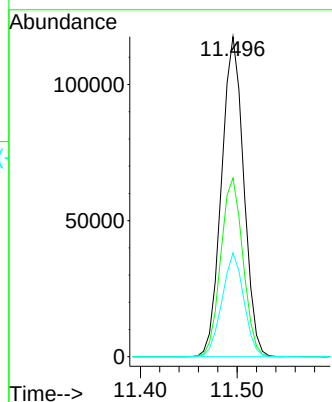
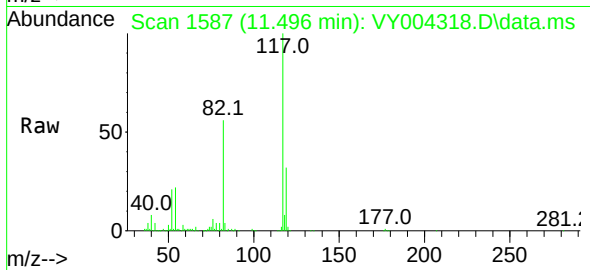




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

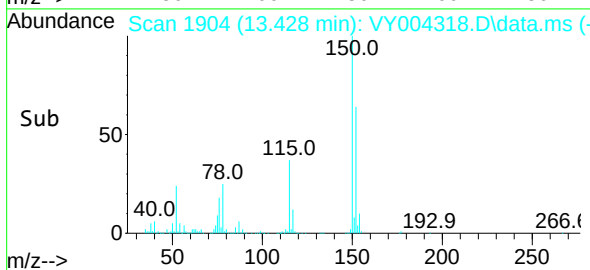
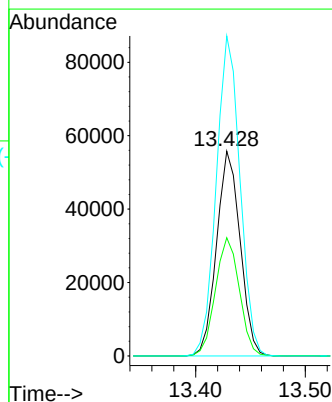
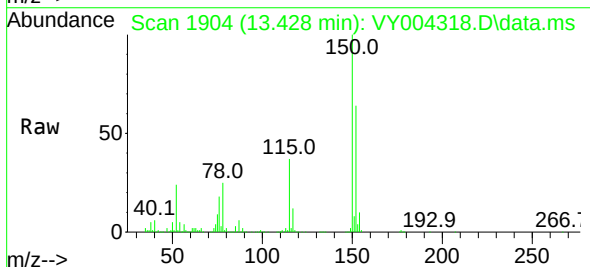
Instrument :
MSVOA_Y
ClientSampleId :

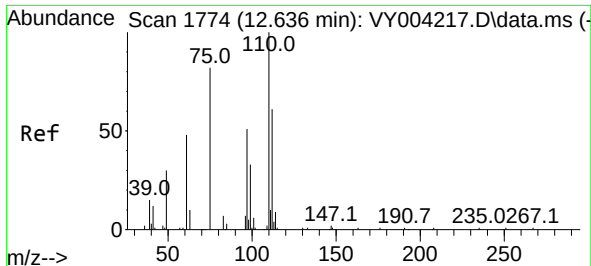
Tgt Ion:117 Resp: 186884
Ion Ratio Lower Upper
117 100
82 55.9 42.7 64.1
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

Tgt Ion:152 Resp: 83344
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.1
150 157.2 0.0 347.4

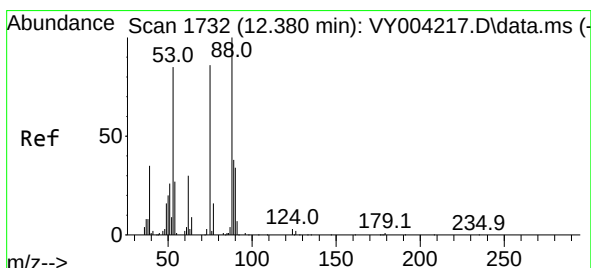
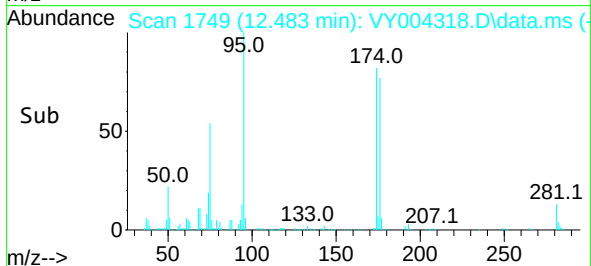
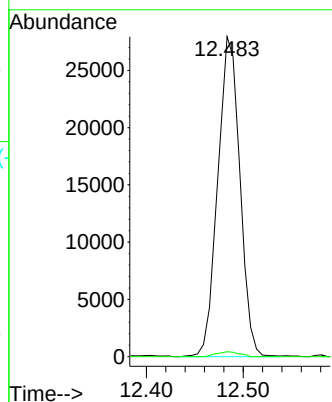
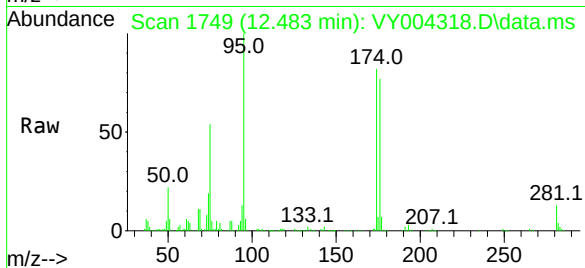




#76
1,2,3-Trichloropropane
Concen: 58.71 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

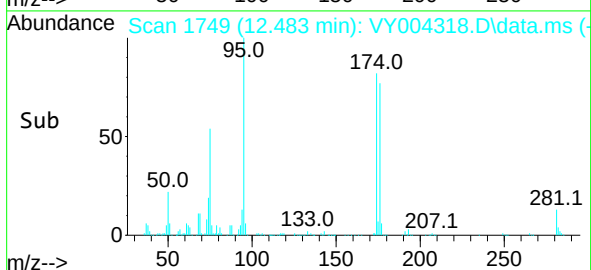
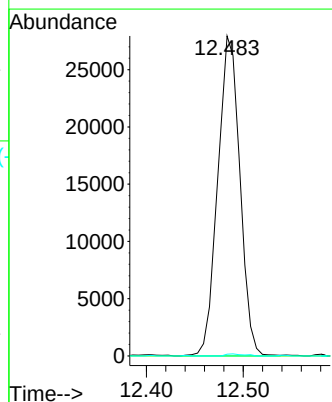
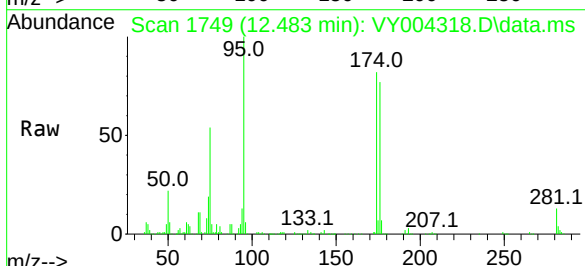
Instrument :
MSVOA_Y
ClientSampled :

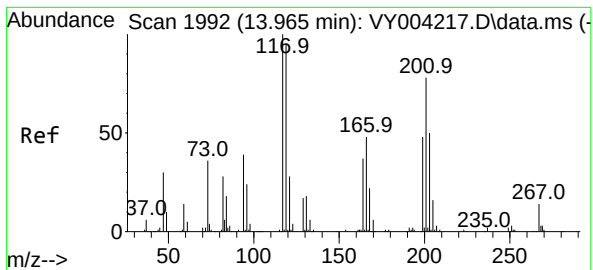
Tgt Ion: 75 Resp: 44433
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.21 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004318.D
Acq: 07 Apr 2021 16:28

Tgt Ion: 75 Resp: 44433
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.5 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.32 ug/l
 RT: 13.855 min Scan# 1974
 Delta R.T. -0.110 min
 Lab File: VY004318.D
 Acq: 07 Apr 2021 16:28

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:117 Resp: 19
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

