

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004348.D
 Acq On : 08 Apr 2021 20:11
 Operator : SY/MD
 Sample : M1979-19
 Misc : 4.92G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:20:06 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)

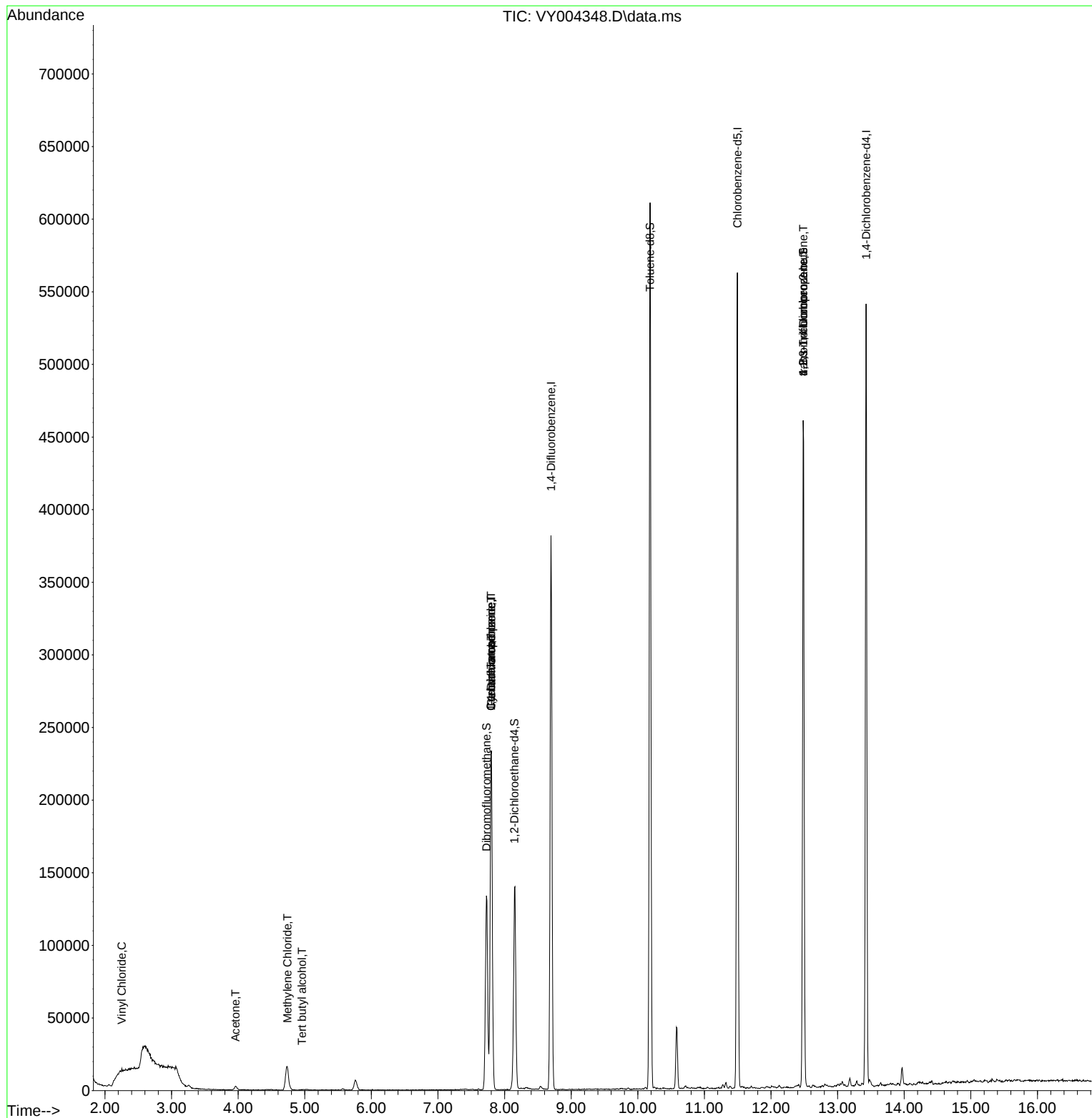
Internal Standards						
1) Pentafluorobenzene	7.801	168	178316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	285178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107772	62.87	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.74%			
35) Dibromofluoromethane	7.728	113	93292	54.45	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.90%			
50) Toluene-d8	10.185	98	377987	58.66	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.32%			
62) 4-Bromofluorobenzene	12.483	95	127885	57.91	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.82%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.253	62	8855	3.81	ug/l #	42
11) Tert butyl alcohol	4.960	59	338	2.42	ug/l #	71
16) Acetone	3.960	43	4412	12.35	ug/l	94
20) Methylene Chloride	4.741	84	11477	4.25	ug/l	94
31) Cyclohexane	7.795	56	4172	1.38	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	13956	4.97	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17994	7.37	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	70661	59.52	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70661	109.69	ug/l #	10

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

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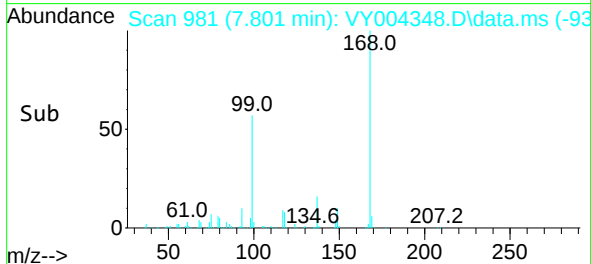
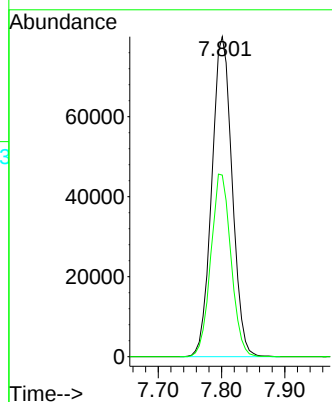
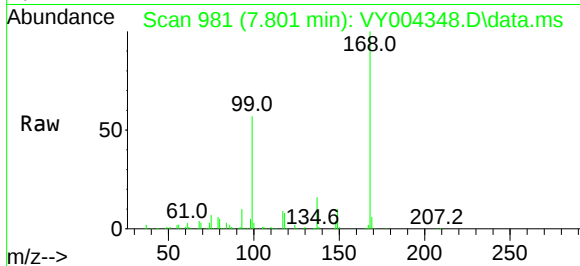




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11

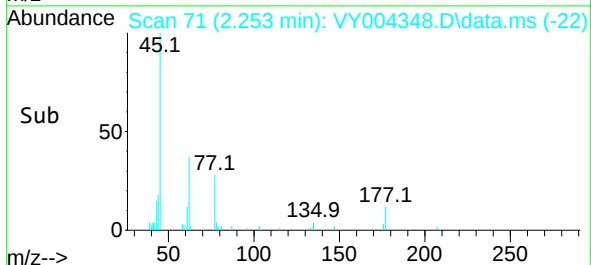
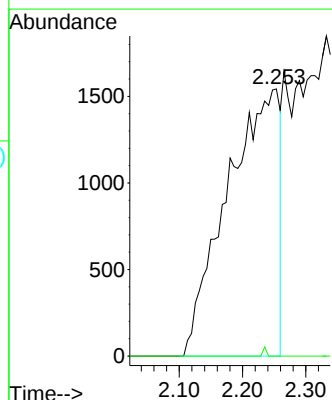
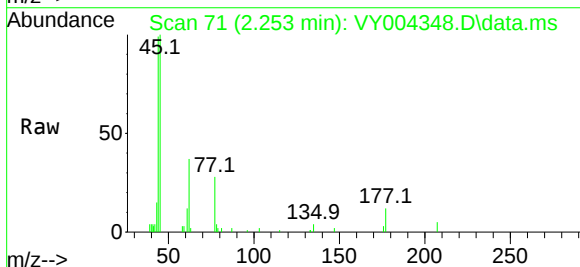
Instrument :
MSVOA_Y
ClientSampled :

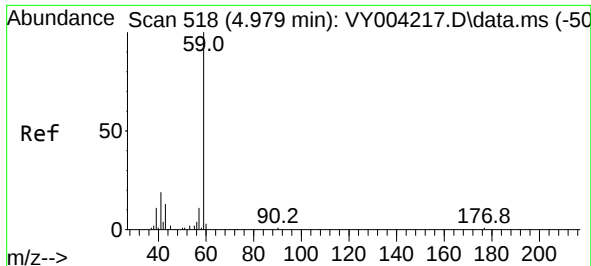
Tgt Ion:168 Resp: 178316
Ion Ratio Lower Upper
168 100
99 56.8 42.6 64.0



#4
Vinyl Chloride
Concen: 3.81 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11

Tgt Ion: 62 Resp: 8855
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



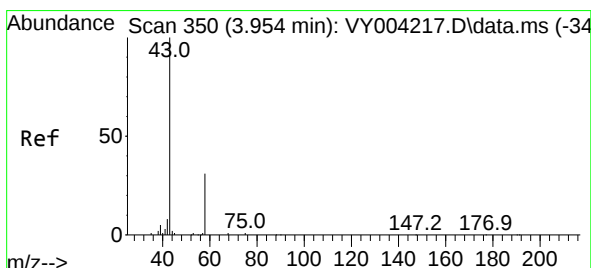
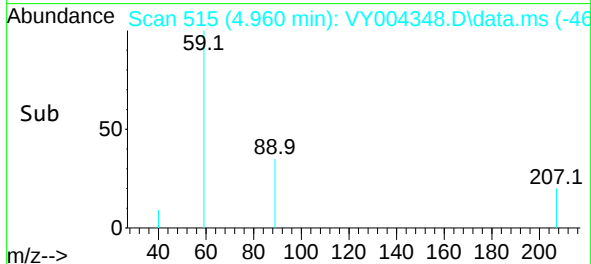
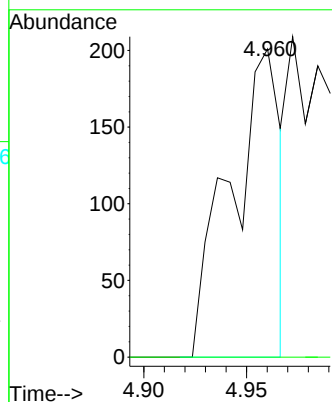
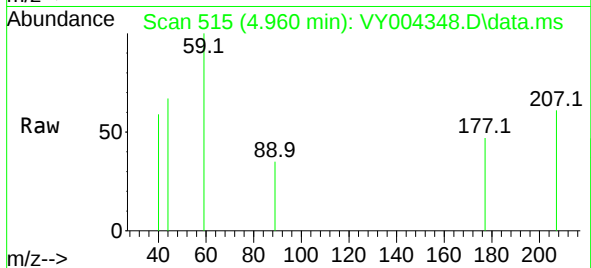


#11

Tert butyl alcohol
Concen: 2.42 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11

Instrument :
MSVOA_Y
ClientSampled :

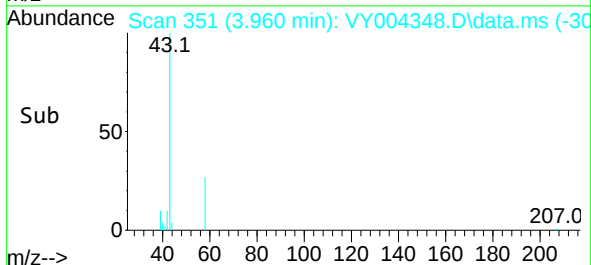
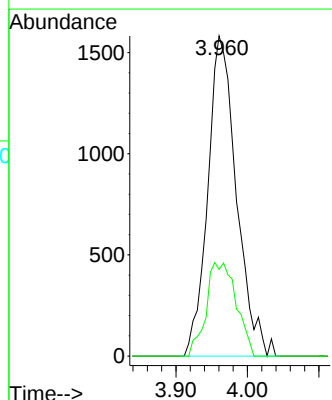
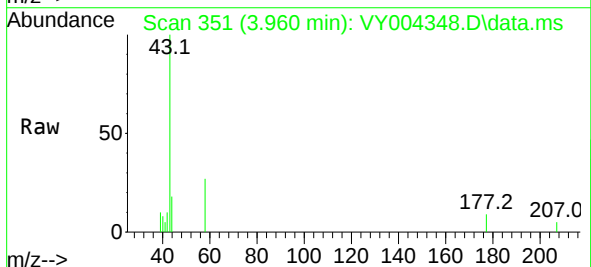
Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

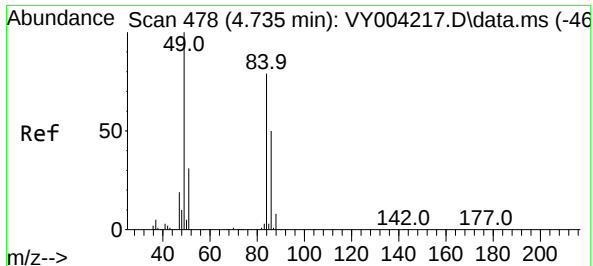


#16

Acetone
Concen: 12.35 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11

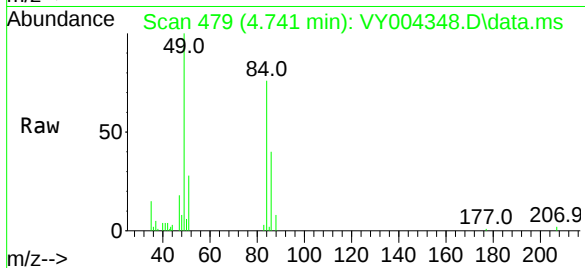
Tgt Ion: 43 Resp: 4412
Ion Ratio Lower Upper
43 100
58 27.1 24.5 36.7





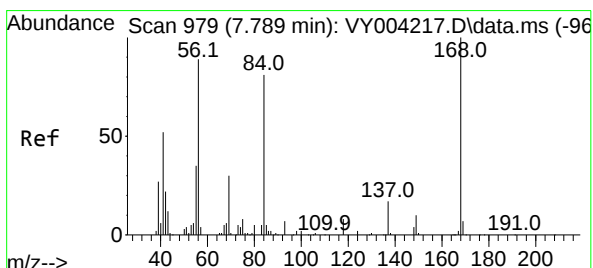
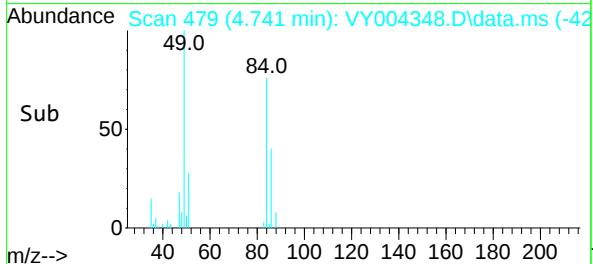
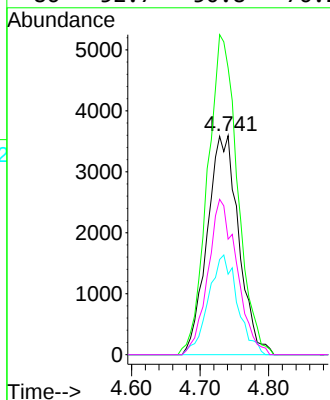
#20
Methylene Chloride
Concen: 4.25 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 11477

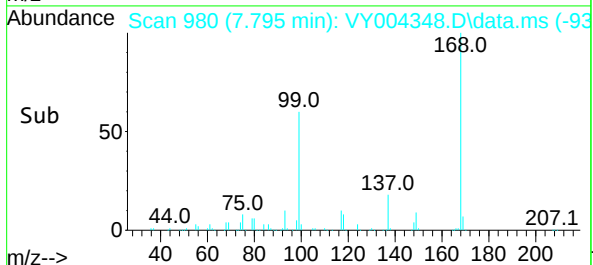
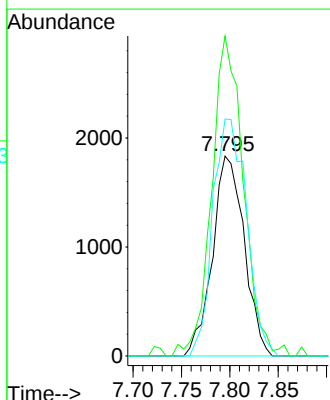
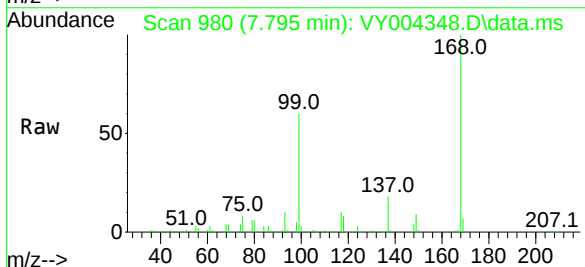
Ion	Ratio	Lower	Upper
84	100		
49	130.9	101.5	152.3
51	36.8	31.5	47.3
86	52.7	50.8	76.2

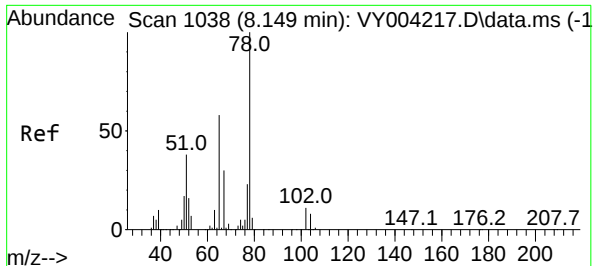


#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11

Tgt Ion: 56 Resp: 4172

Ion	Ratio	Lower	Upper
56	100		
69	156.8	26.6	40.0#
84	118.5	72.3	108.5#

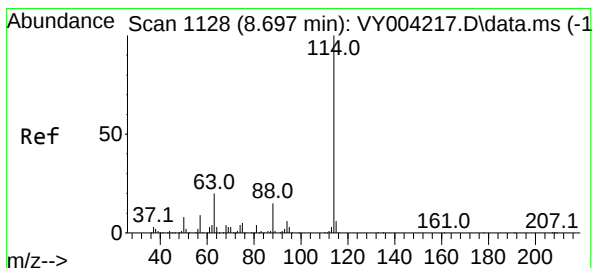
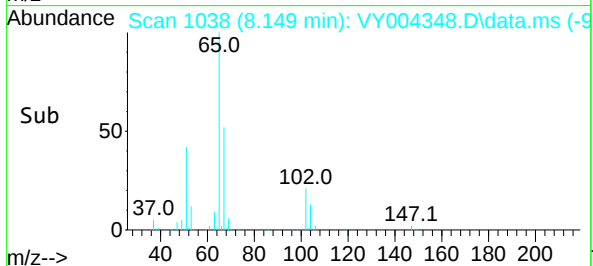
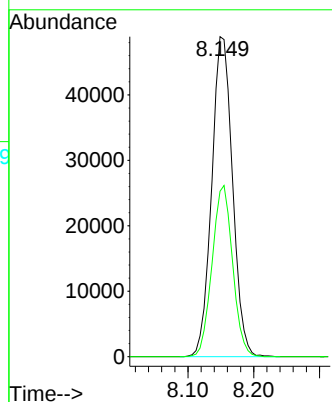
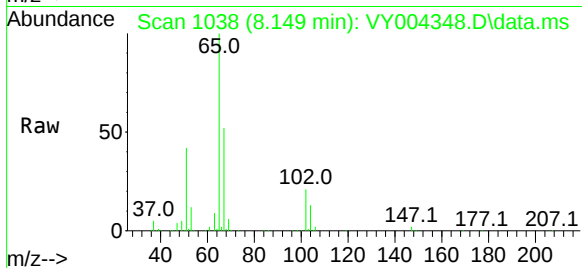




#33
1,2-Dichloroethane-d4
Concen: 62.87 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11

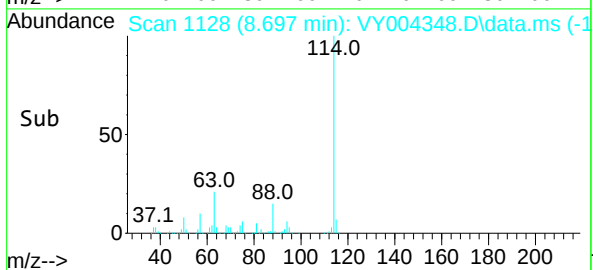
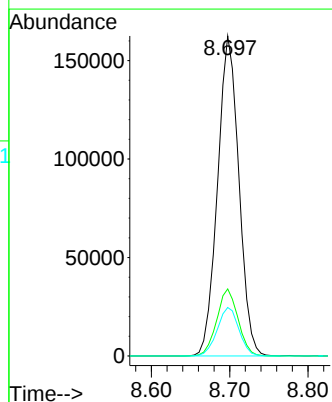
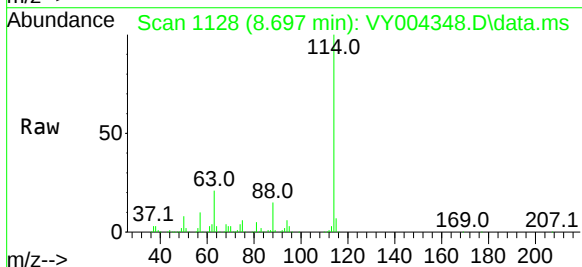
Instrument :
MSVOA_Y
ClientSampled :

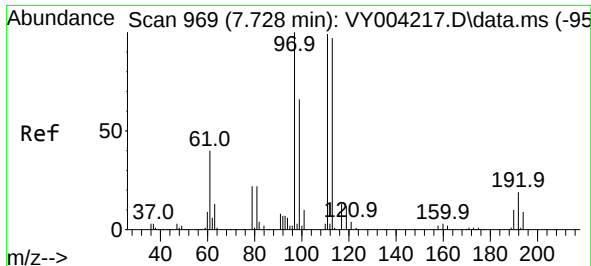
Tgt Ion: 65 Resp: 107772
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11

Tgt Ion: 114 Resp: 307486
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 15.1 0.0 30.8

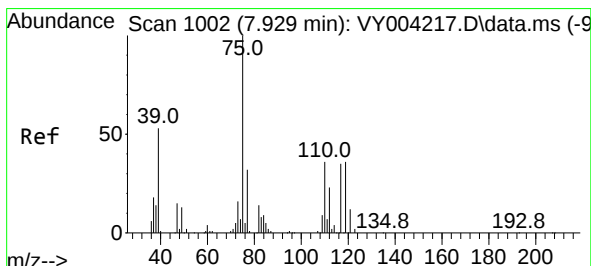
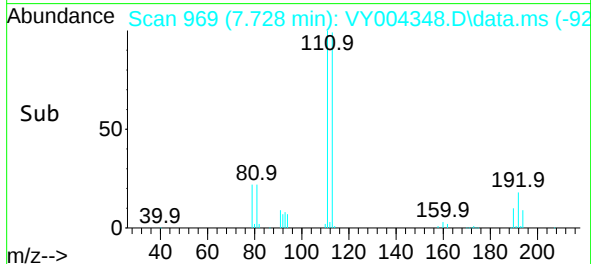
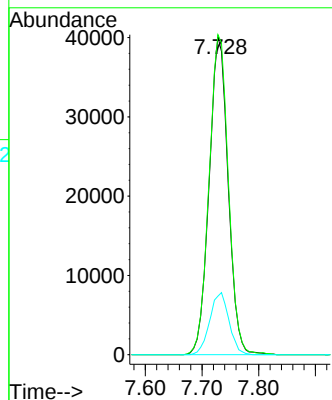
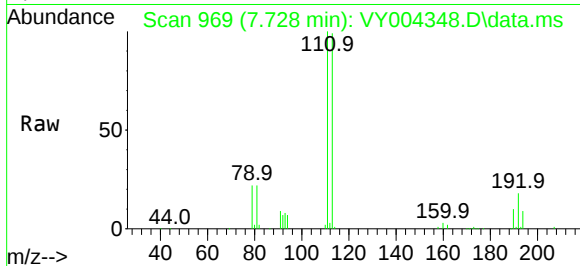




#35
Dibromofluoromethane
Concen: 54.45 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11

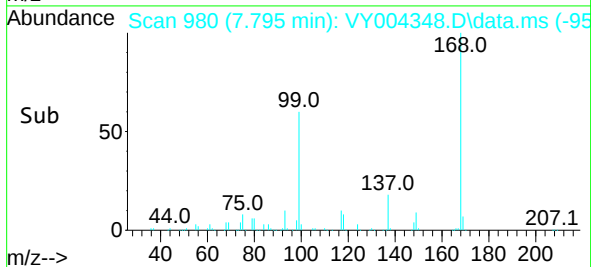
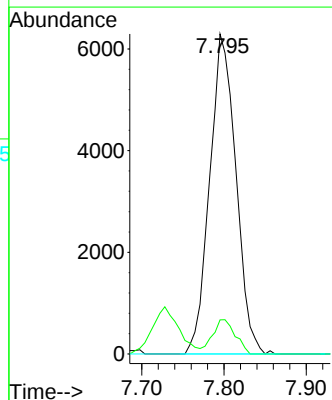
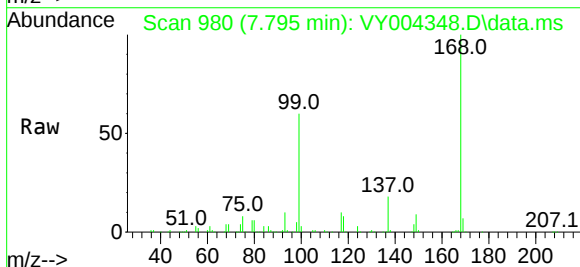
Instrument :
MSVOA_Y
ClientSampleId :

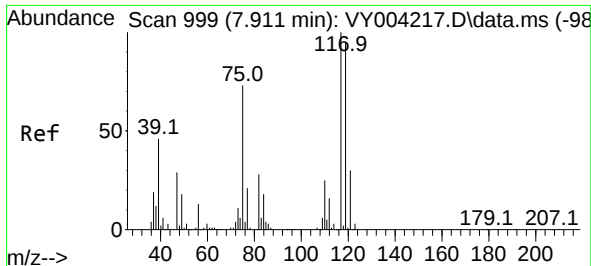
Tgt Ion:113 Resp: 93292
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.8 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.97 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11

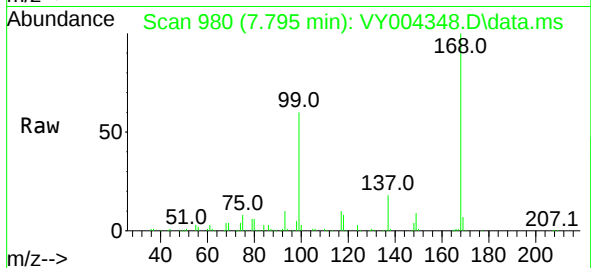
Tgt Ion: 75 Resp: 13956
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.3#
77 0.0 25.1 37.7#



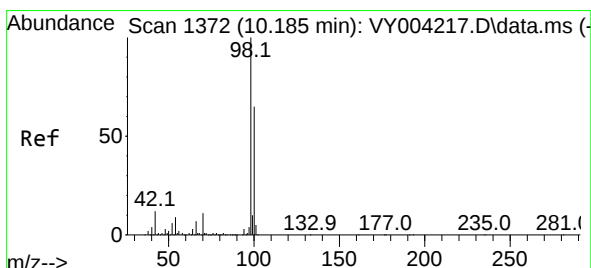
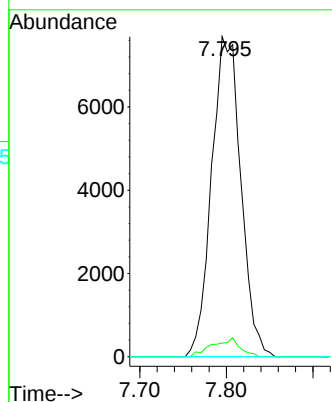
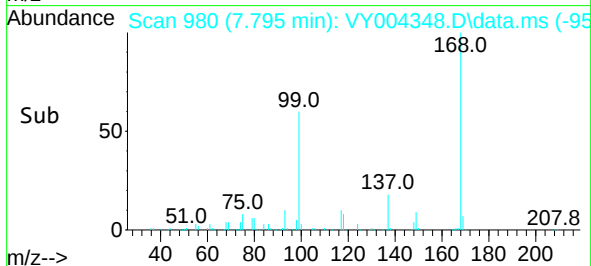


#38
Carbon Tetrachloride
Concen: 7.37 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11

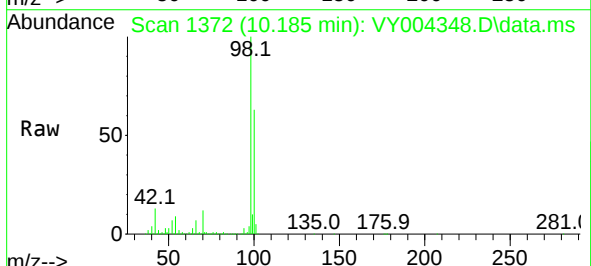
Instrument :
MSVOA_Y
ClientSampled :



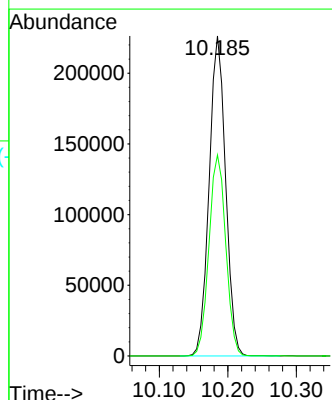
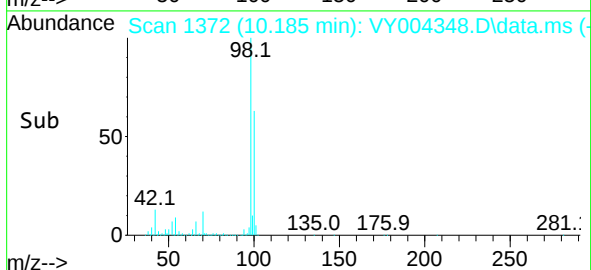
Tgt Ion:117 Resp: 17994
Ion Ratio Lower Upper
117 100
119 4.2 75.6 113.4#
121 0.0 24.3 36.5#

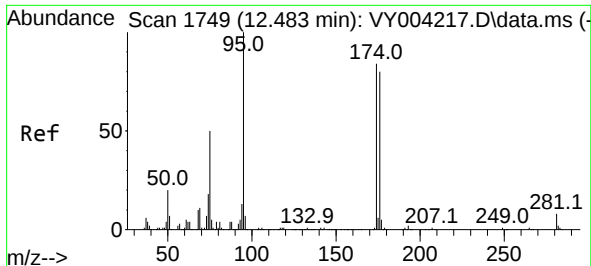


#50
Toluene-d8
Concen: 58.66 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11



Tgt Ion: 98 Resp: 377987
Ion Ratio Lower Upper
98 100
100 64.1 52.5 78.7

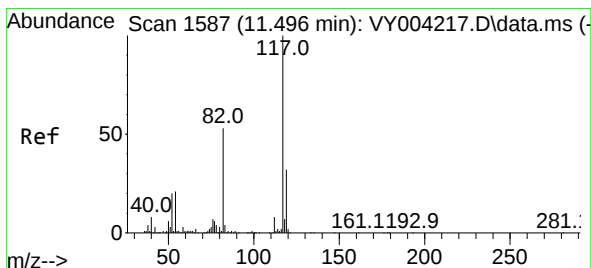
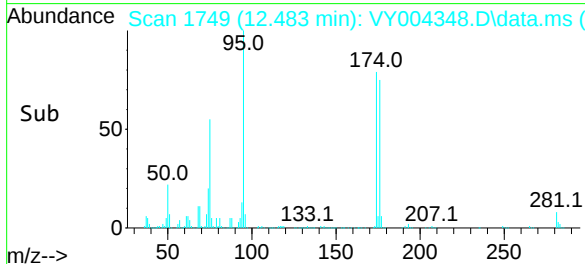
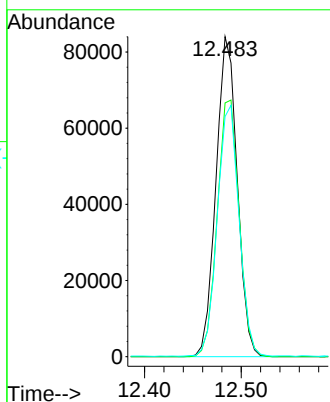
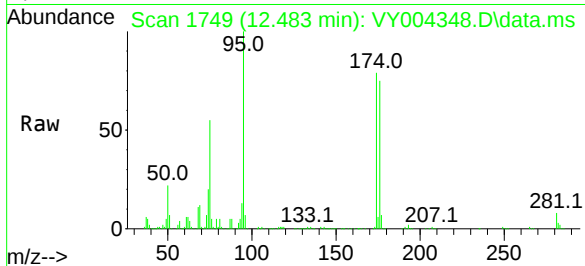




#62
4-Bromofluorobenzene
Concen: 57.91 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11

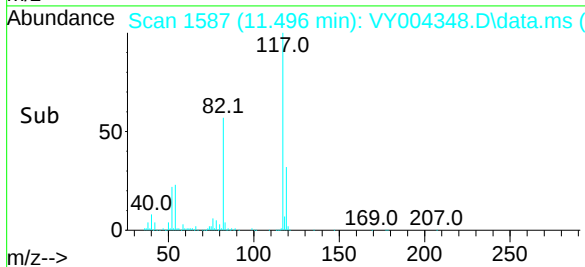
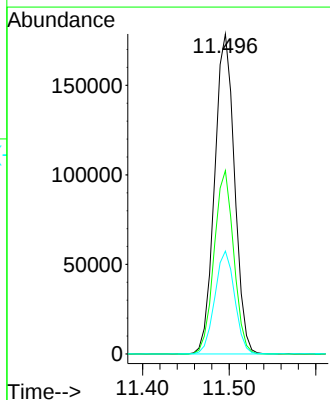
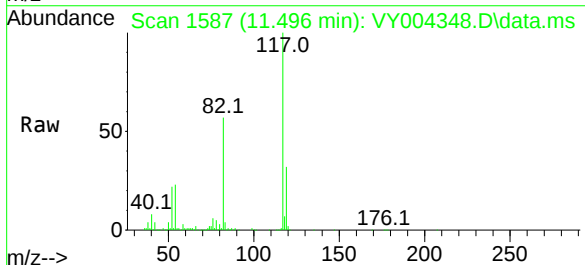
Instrument :
MSVOA_Y
ClientSampled :

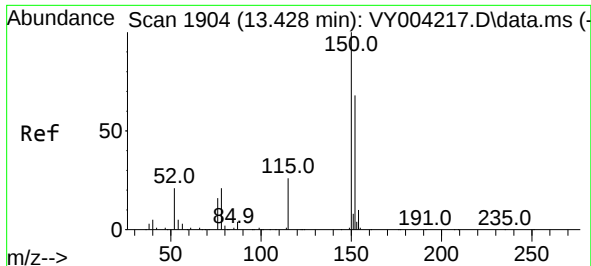
Tgt Ion: 95 Resp: 127885
Ion Ratio Lower Upper
95 100
174 82.8 0.0 171.4
176 80.4 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004348.D
Acq: 08 Apr 2021 20:11

Tgt Ion: 117 Resp: 285178
Ion Ratio Lower Upper
117 100
82 57.3 42.7 64.1
119 32.1 25.7 38.5

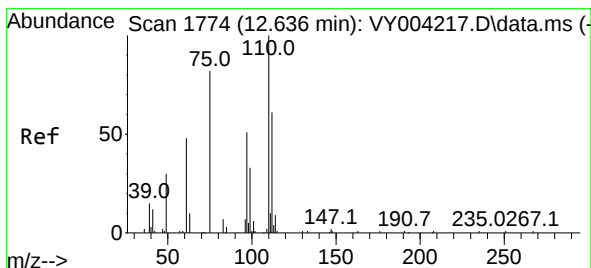
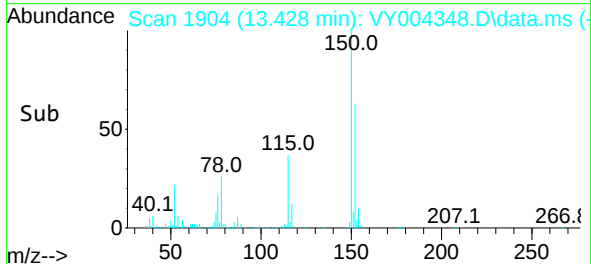
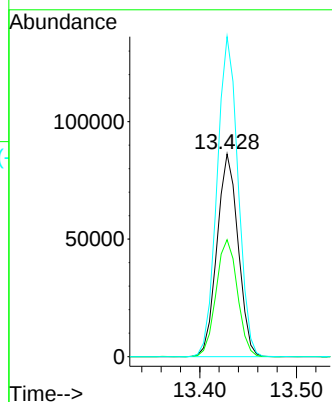
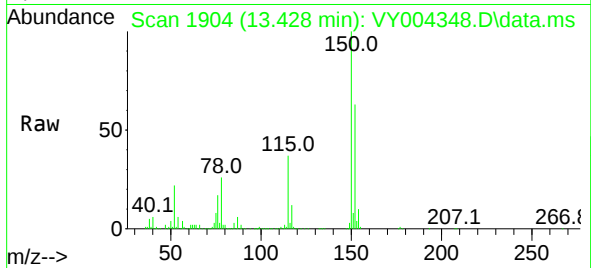




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004348.D
 Acq: 08 Apr 2021 20:11

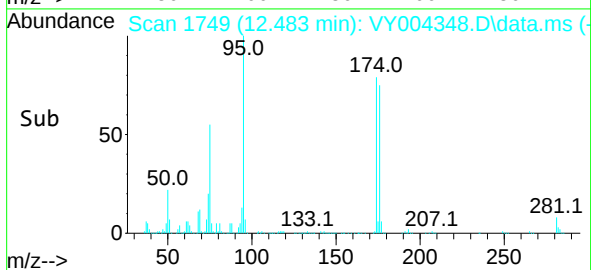
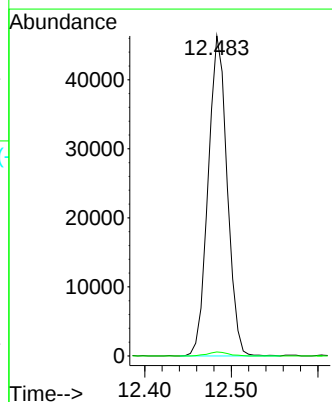
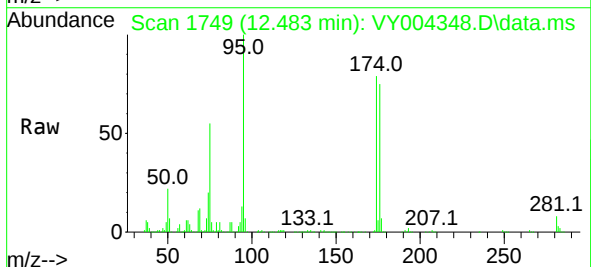
Instrument :
 MSVOA_Y
 ClientSampleId :

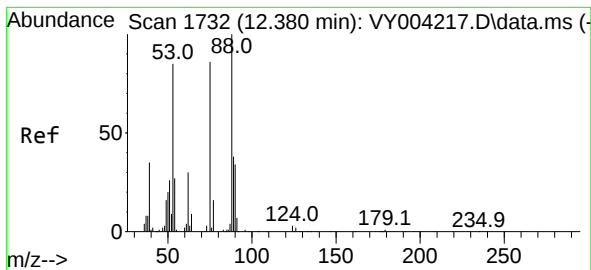
Tgt Ion:152 Resp: 130749
 Ion Ratio Lower Upper
 152 100
 115 58.4 29.0 87.1
 150 156.6 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 59.52 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004348.D
 Acq: 08 Apr 2021 20:11

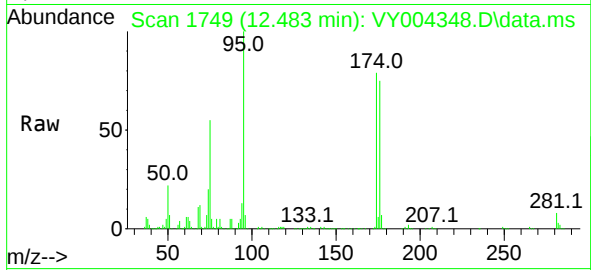
Tgt Ion: 75 Resp: 70661
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.69 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004348.D
 Acq: 08 Apr 2021 20:11

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 70661
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.3 118.9#
 89 0.3 39.4 59.2#

