

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004798.D
 Acq On : 17 May 2021 12:36
 Operator : SY/MD
 Sample : M2411-12RE
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 01:03:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

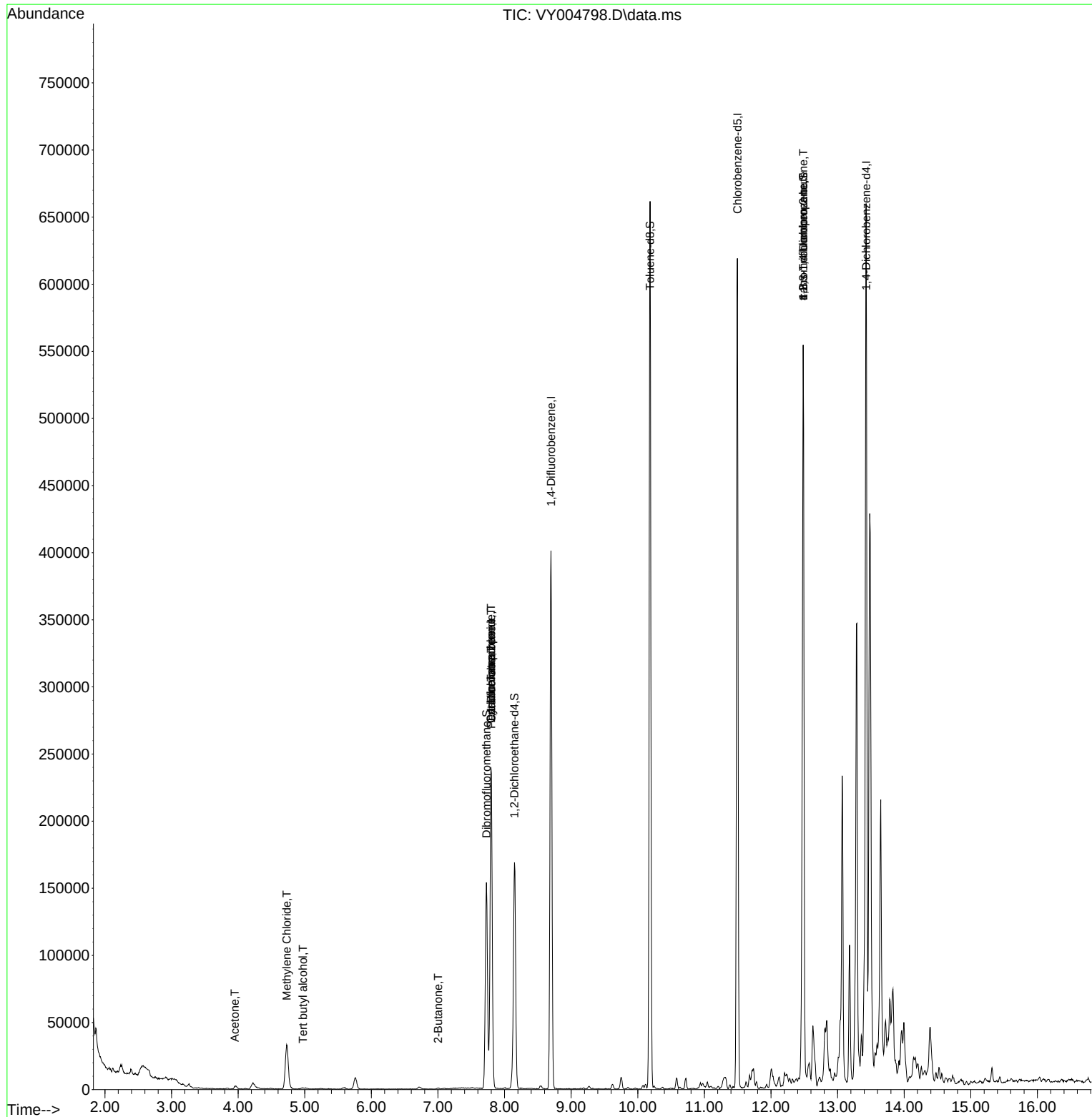
Internal Standards						
1) Pentafluorobenzene	7.801	168	180787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	318090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150888	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	129921	60.37	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.74%		
35) Dibromofluoromethane	7.728	113	103465	58.02	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 116.04%		
50) Toluene-d8	10.185	98	410561	50.96	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 101.92%		
62) 4-Bromofluorobenzene	12.483	95	147613	54.29	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 108.58%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.973	59	2061	9.53	ug/l #	71
16) Acetone	3.948	43	4284	8.86	ug/l	97
20) Methylene Chloride	4.729	84	23819	2.53	ug/l	98
25) 2-Butanone	7.003	43	1401	1.63	ug/l	99
31) Cyclohexane	7.795	56	4708	1.35	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	15725	4.71	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18321	6.11	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	82685	51.59	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82685	89.46	ug/l #	14

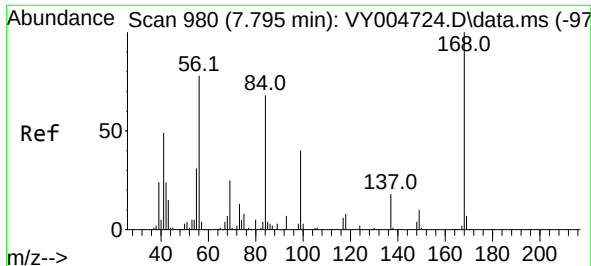
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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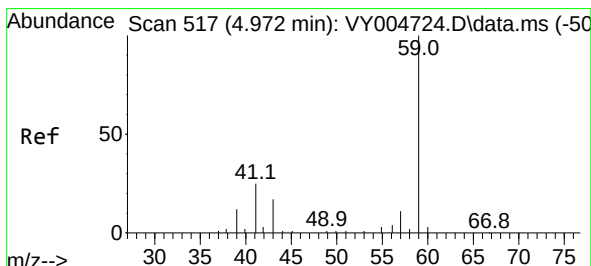
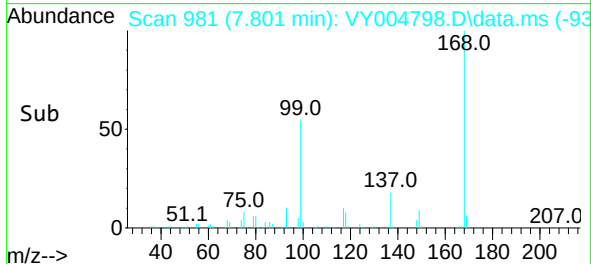
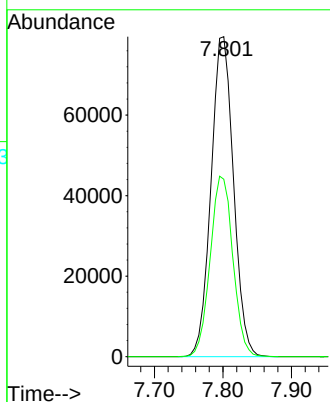
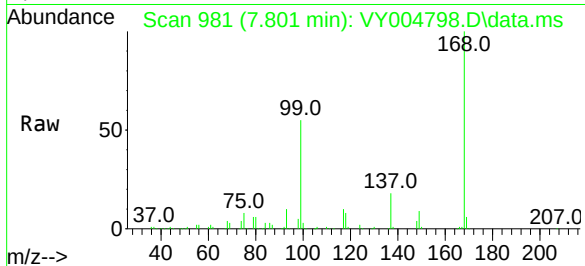




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004798.D
Acq: 17 May 2021 12:36

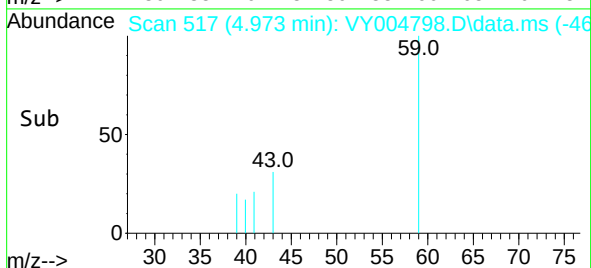
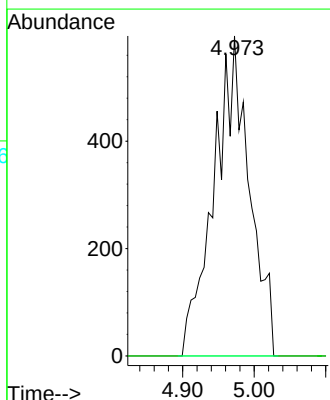
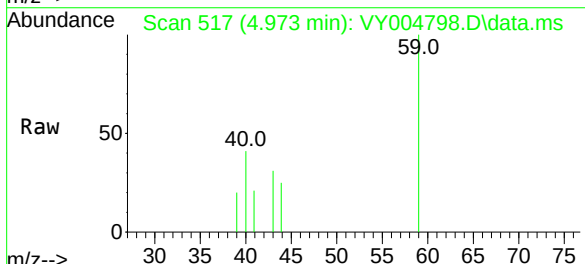
Instrument :
MSVOA_Y
ClientSampled :

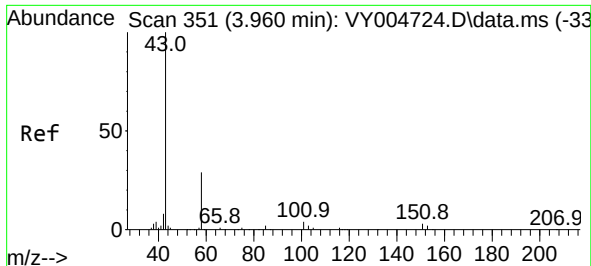
Tgt Ion:168 Resp: 180787
Ion Ratio Lower Upper
168 100
99 55.4 45.6 68.4



#11
Tert butyl alcohol
Concen: 9.53 ug/l
RT: 4.973 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004798.D
Acq: 17 May 2021 12:36

Tgt Ion: 59 Resp: 2061
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

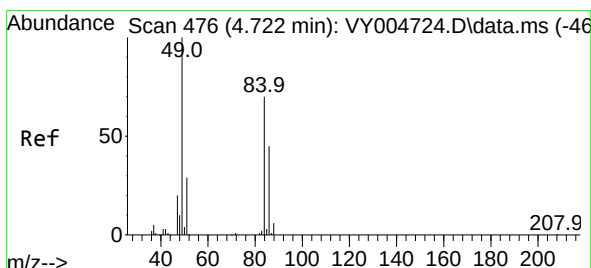
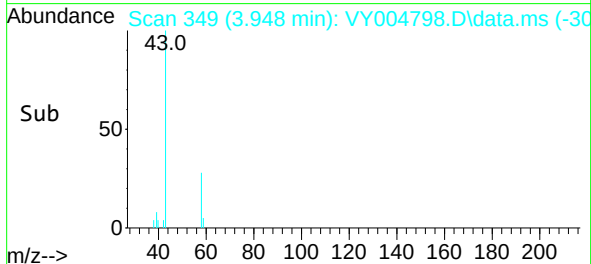
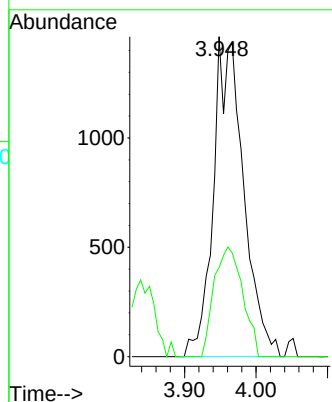
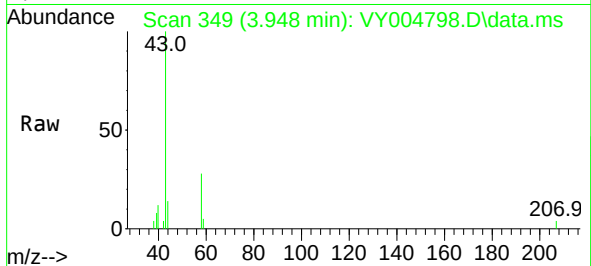




#16
Acetone
Concen: 8.86 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004798.D
Acq: 17 May 2021 12:36

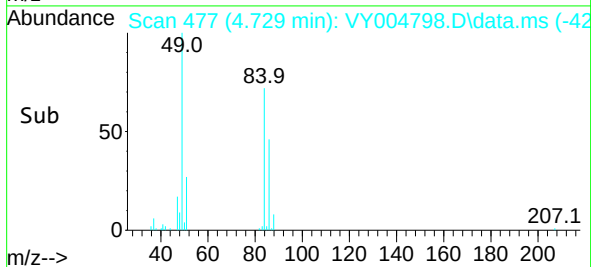
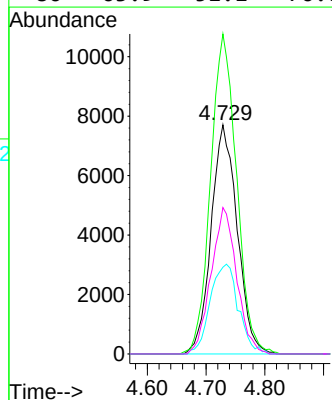
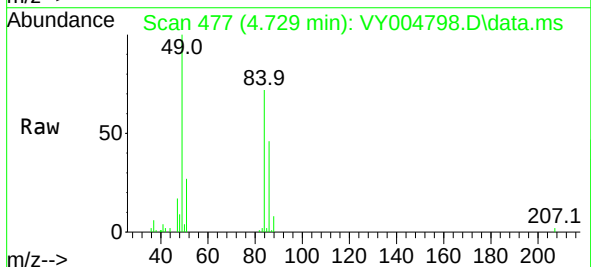
Instrument :
MSVOA_Y
ClientSampled :

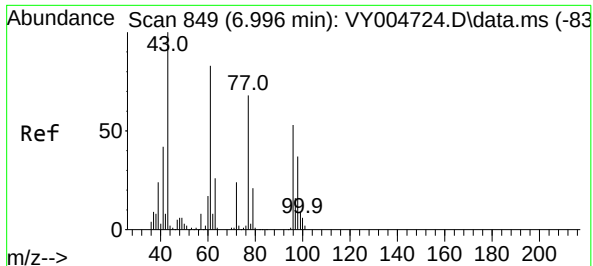
Tgt Ion: 43 Resp: 4284
Ion Ratio Lower Upper
43 100
58 27.8 23.6 35.4



#20
Methylene Chloride
Concen: 2.53 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004798.D
Acq: 17 May 2021 12:36

Tgt Ion: 84 Resp: 23819
Ion Ratio Lower Upper
84 100
49 139.7 113.8 170.8
51 37.8 33.5 50.3
86 63.9 51.1 76.7





#25

2-Butanone

Concen: 1.63 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY004798.D

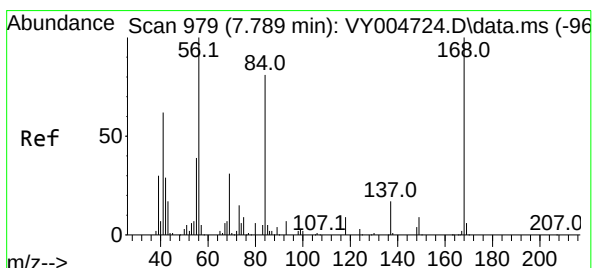
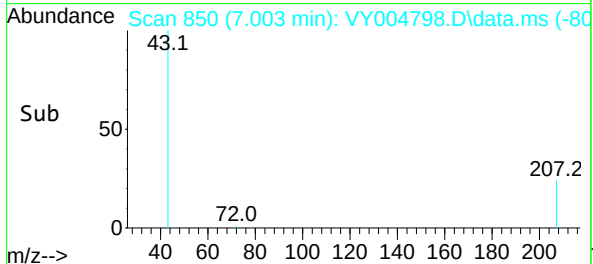
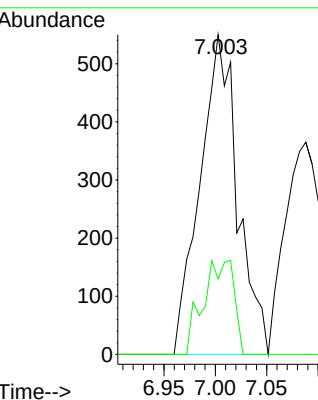
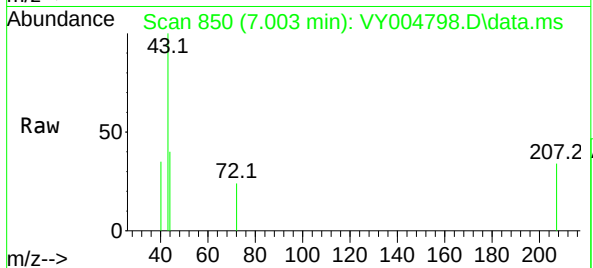
Acq: 17 May 2021 12:36

Tgt Ion: 43 Resp: 1401

Ion Ratio Lower Upper

43 100

72 23.6 19.4 29.0



#31

Cyclohexane

Concen: 1.35 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY004798.D

Acq: 17 May 2021 12:36

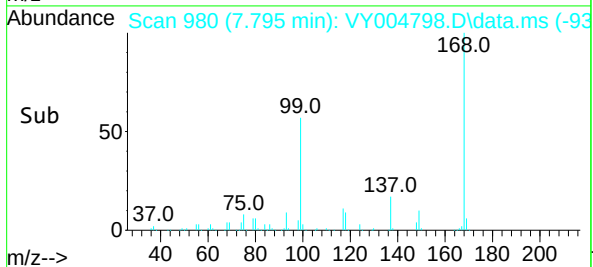
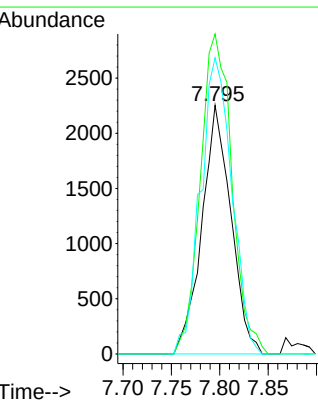
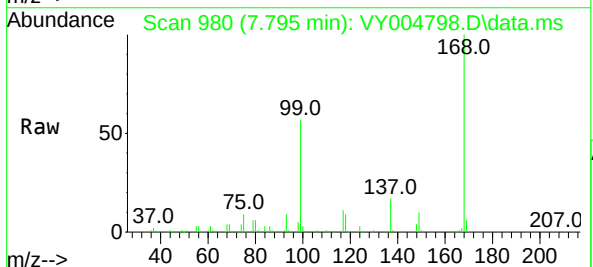
Tgt Ion: 56 Resp: 4708

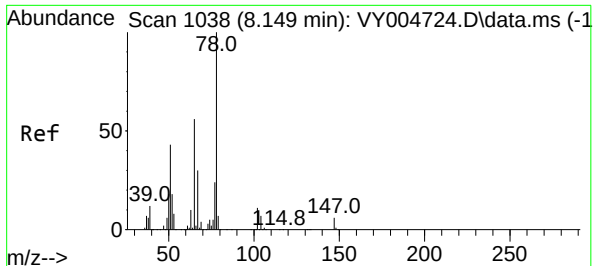
Ion Ratio Lower Upper

56 100

69 128.7 24.4 36.6#

84 119.1 64.8 97.2#

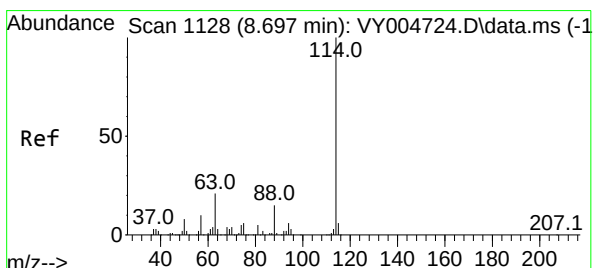
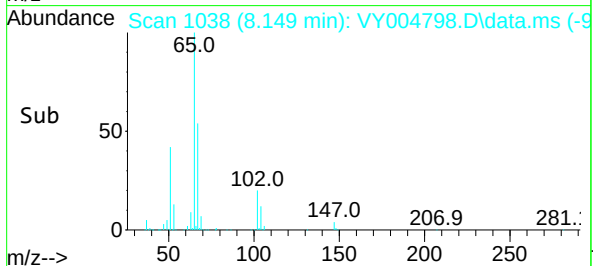
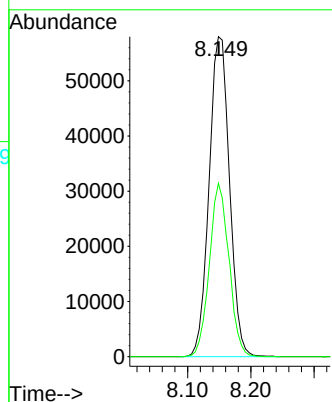
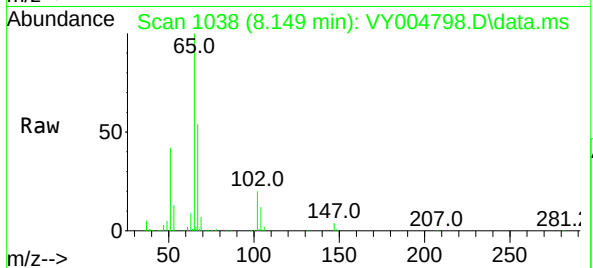




#33
1,2-Dichloroethane-d4
Concen: 60.37 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004798.D
Acq: 17 May 2021 12:36

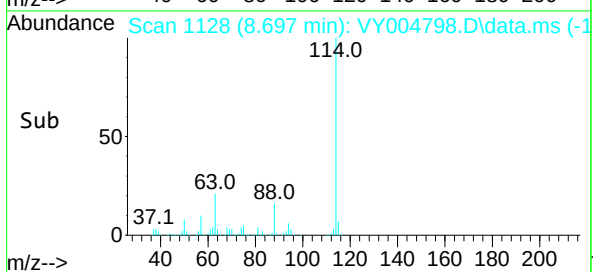
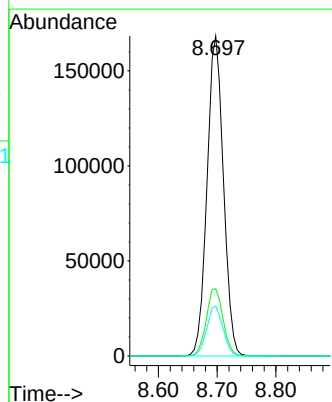
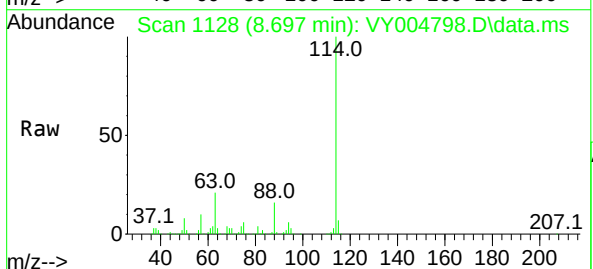
Instrument :
MSVOA_Y
ClientSampled :

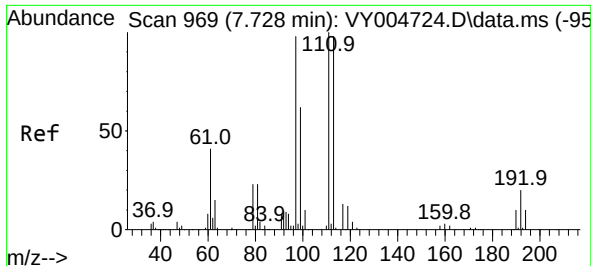
Tgt Ion: 65 Resp: 129921
Ion Ratio Lower Upper
65 100
67 52.0 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004798.D
Acq: 17 May 2021 12:36

Tgt Ion: 114 Resp: 325753
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 15.6 0.0 31.0

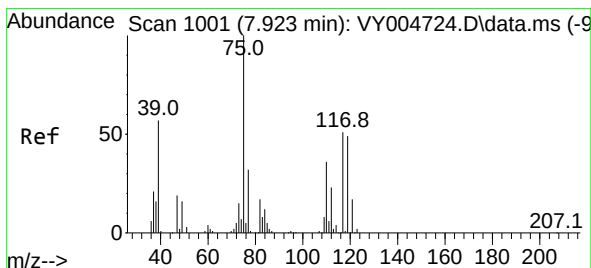
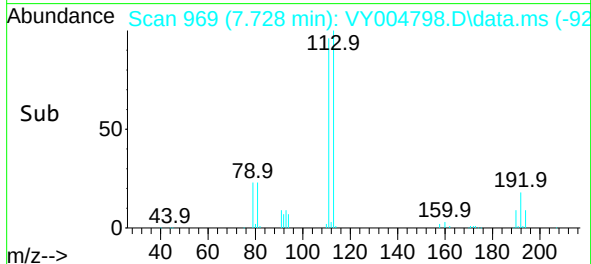
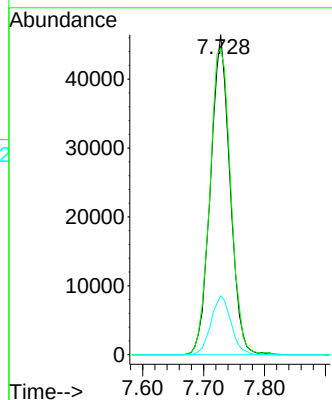
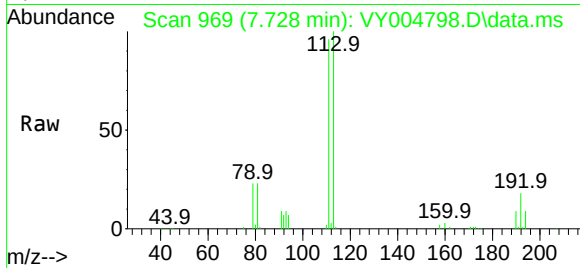




#35
Dibromofluoromethane
Concen: 58.02 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004798.D
Acq: 17 May 2021 12:36

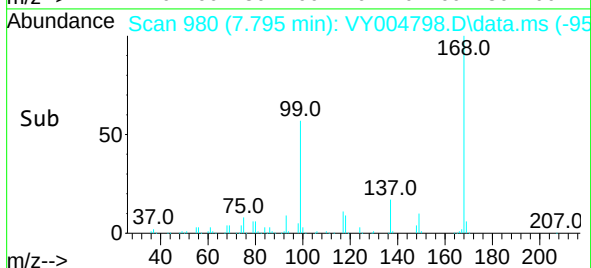
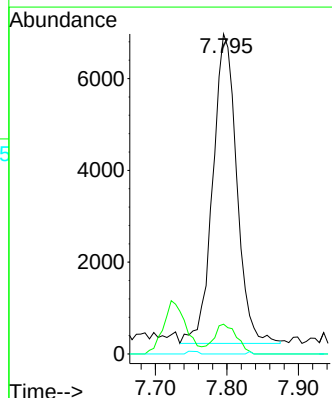
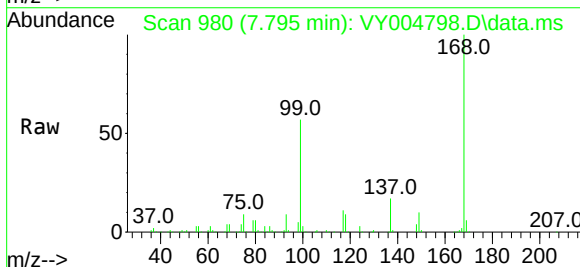
Instrument :
MSVOA_Y
ClientSampleId :

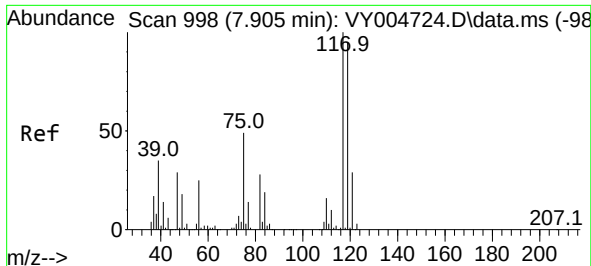
Tgt Ion:113 Resp: 103465
Ion Ratio Lower Upper
113 100
111 103.0 80.5 120.7
192 18.8 15.0 22.6



#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004798.D
Acq: 17 May 2021 12:36

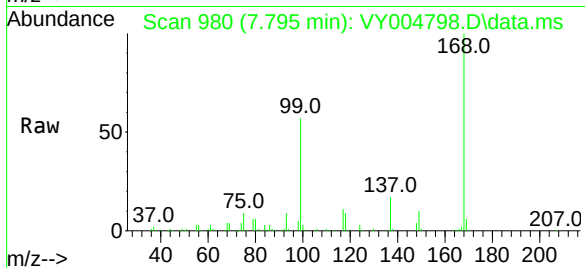
Tgt Ion: 75 Resp: 15725
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 25.0 37.4#



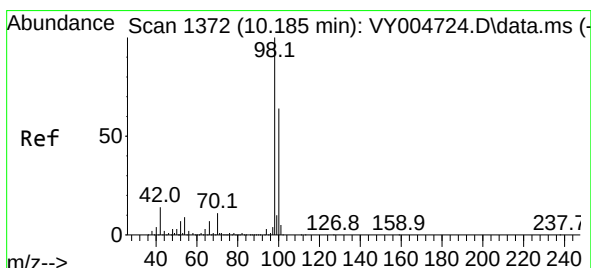
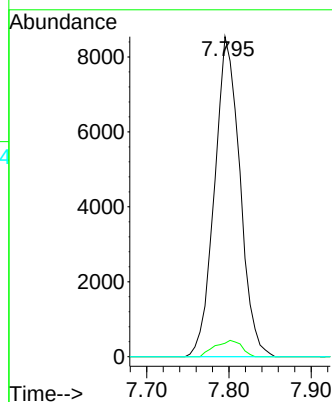
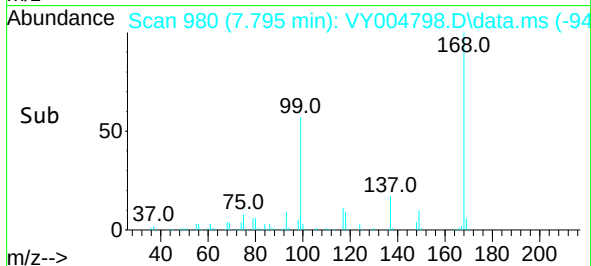


#38
Carbon Tetrachloride
Concen: 6.11 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004798.D
Acq: 17 May 2021 12:36

Instrument :
MSVOA_Y
ClientSampleId :

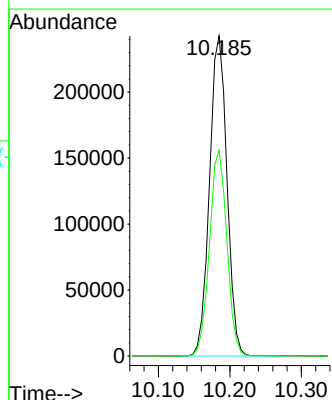
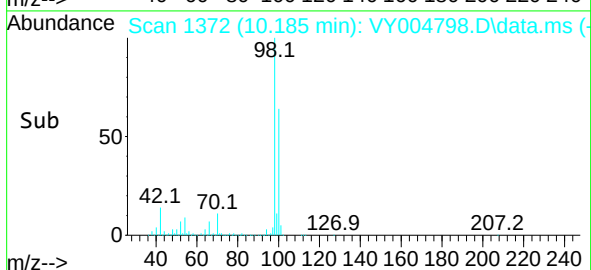
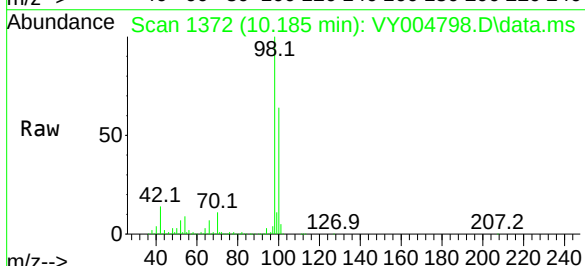


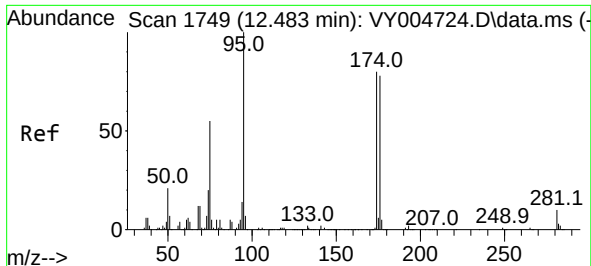
Tgt Ion:117 Resp: 18321
Ion Ratio Lower Upper
117 100
119 4.2 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 50.96 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004798.D
Acq: 17 May 2021 12:36

Tgt Ion: 98 Resp: 410561
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

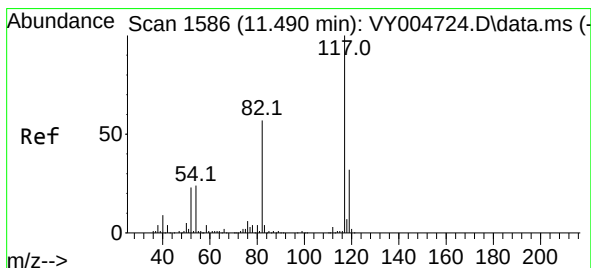
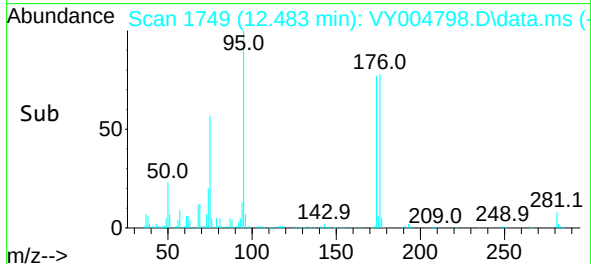
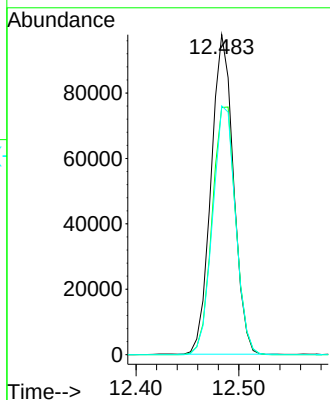
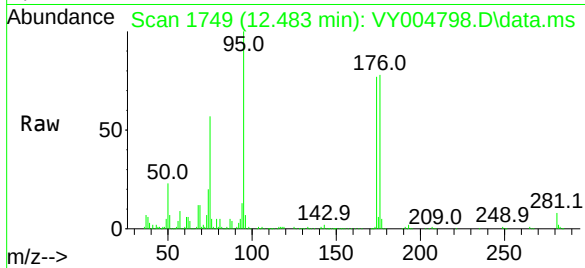




#62
4-Bromofluorobenzene
Concen: 54.29 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004798.D
Acq: 17 May 2021 12:36

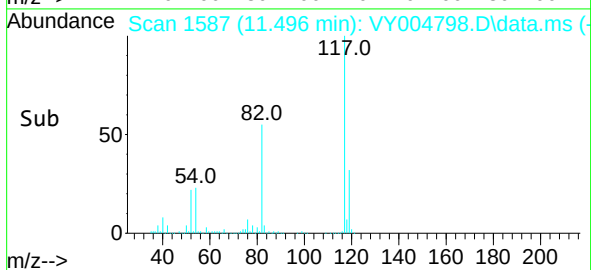
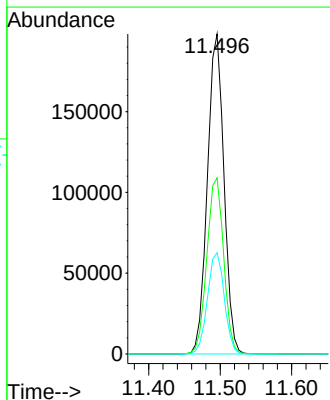
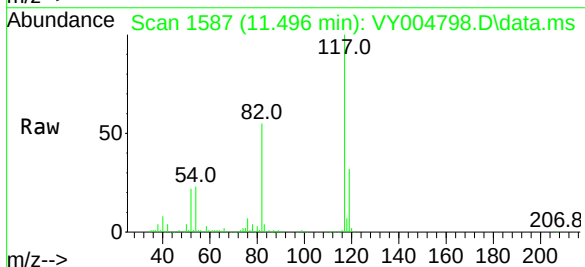
Instrument :
MSVOA_Y
ClientSampleId :

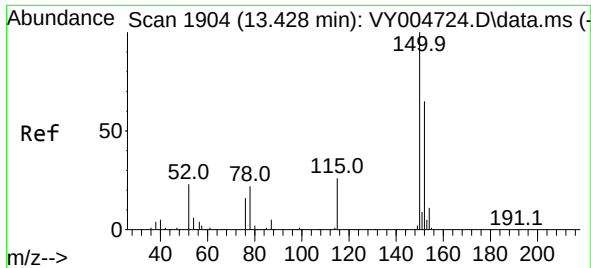
Tgt Ion: 95 Resp: 147613
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.2
176 79.7 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004798.D
Acq: 17 May 2021 12:36

Tgt Ion: 117 Resp: 318090
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 31.7 25.8 38.6

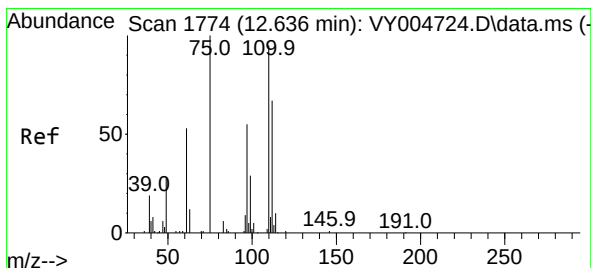
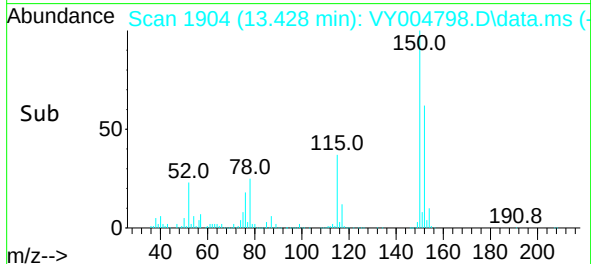
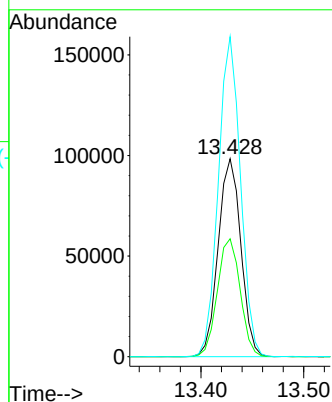
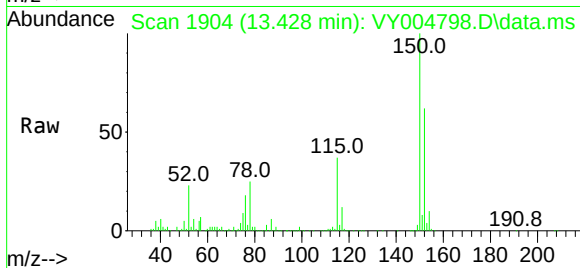




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004798.D
 Acq: 17 May 2021 12:36

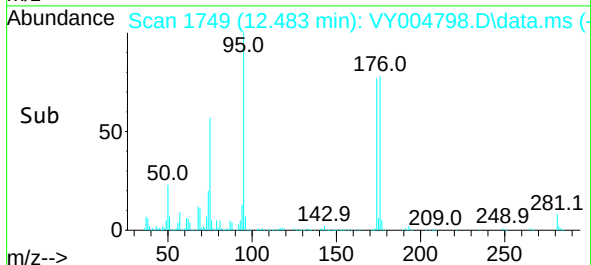
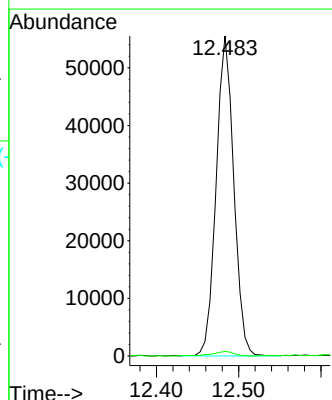
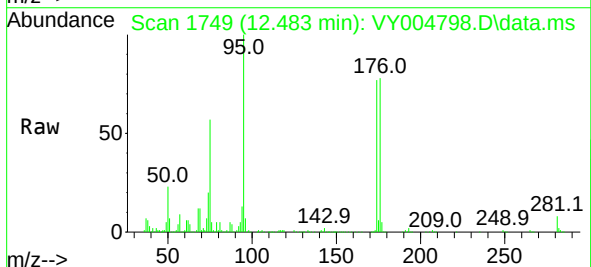
Instrument :
 MSVOA_Y
 ClientSampled :

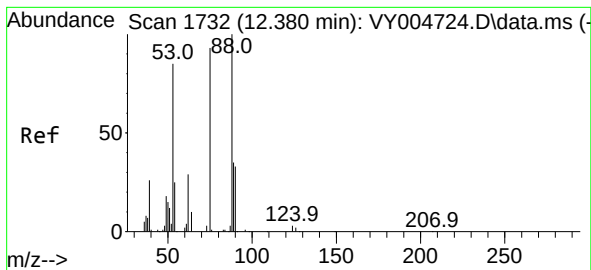
Tgt Ion:152 Resp: 150888
 Ion Ratio Lower Upper
 152 100
 115 60.0 29.4 88.3
 150 157.6 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 51.59 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004798.D
 Acq: 17 May 2021 12:36

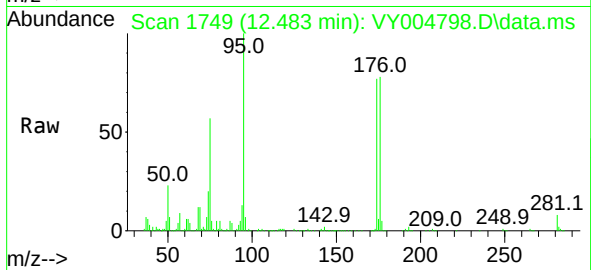
Tgt Ion: 75 Resp: 82685
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.46 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004798.D
 Acq: 17 May 2021 12:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	2.1	73.9	110.9#
89	0.1	35.5	53.3#

