

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004187.D
 Acq On : 24 Mar 2021 14:48
 Operator : SY/MD
 Sample : M1775-01
 Misc : 4.30g/5mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 25 01:20:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	189380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	273740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107637	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.149	65	102765	54.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.98%	
35) Dibromofluoromethane	7.728	113	94306	53.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.34%	
50) Toluene-d8	10.185	98	360668	52.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.72%	
62) 4-Bromofluorobenzene	12.483	95	115138	45.26	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.52%	

Target Compounds

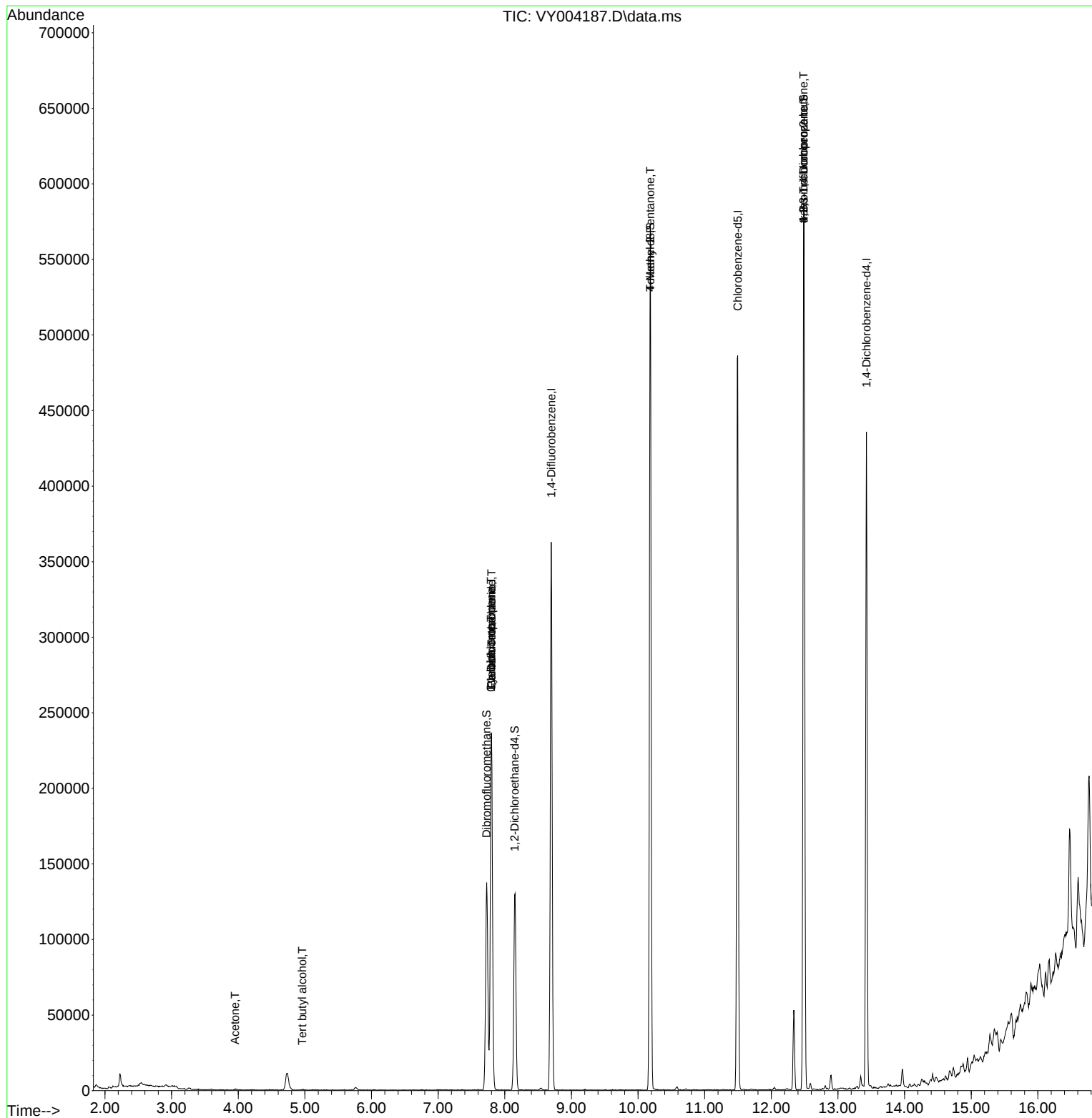
						Qvalue
3) Chloromethane	2.113	50	459	Below Cal		100
11) Tert butyl alcohol	4.960	59	326	1.93 ug/l #		76
16) Acetone	3.954	43	1080	2.39 ug/l		97
20) Methylene Chloride	4.735	84	9064	Below Cal		90
31) Cyclohexane	7.795	56	3849	1.17 ug/l #		28
36) 1,1-Dichloropropene	7.795	75	13716	5.01 ug/l #		51
38) Carbon Tetrachloride	7.801	117	18436	6.35 ug/l #		17
51) 4-Methyl-2-Pentanone	10.185	43	1646	1.10 ug/l #		1
76) 1,2,3-Trichloropropane	12.483	75	64230	62.23 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	64230	122.82 ug/l #		13

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

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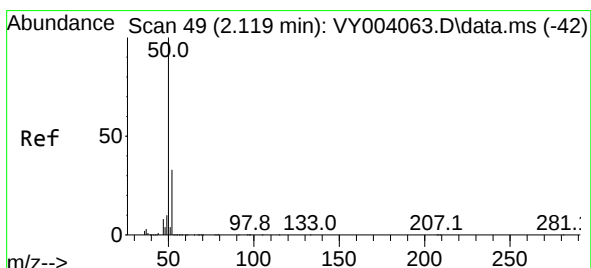
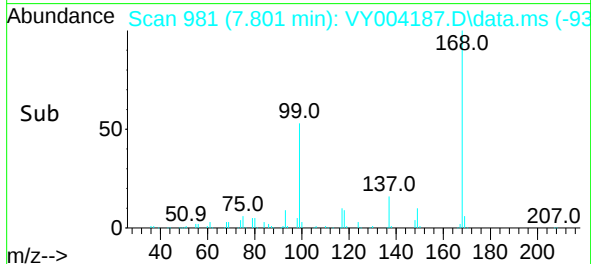
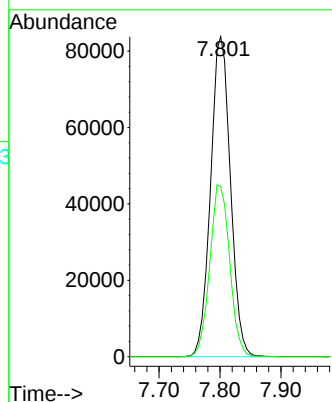
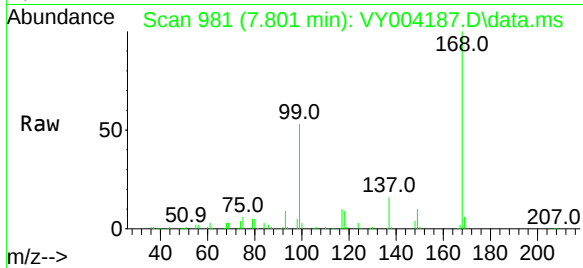




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

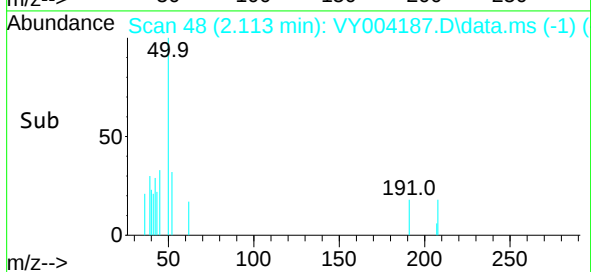
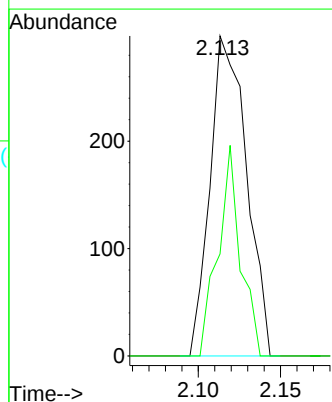
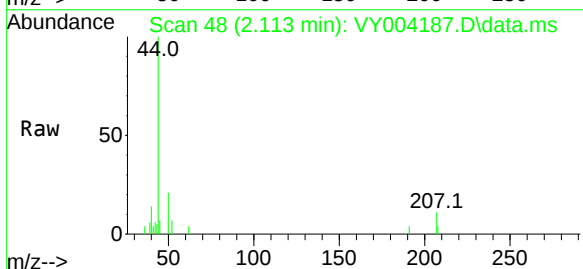
Instrument :
MSVOA_Y
ClientSampled :

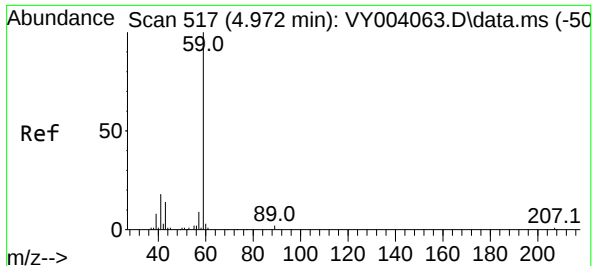
Tgt Ion:168 Resp: 189380
Ion Ratio Lower Upper
168 100
99 53.2 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

Tgt Ion: 50 Resp: 459
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2

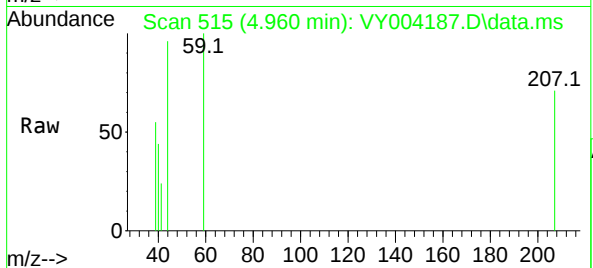




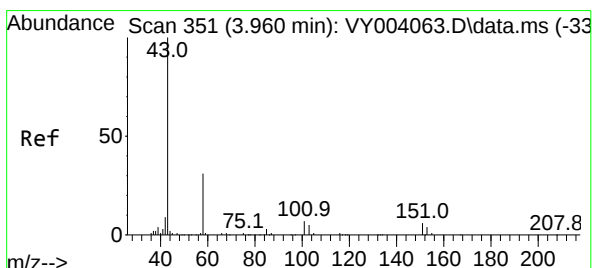
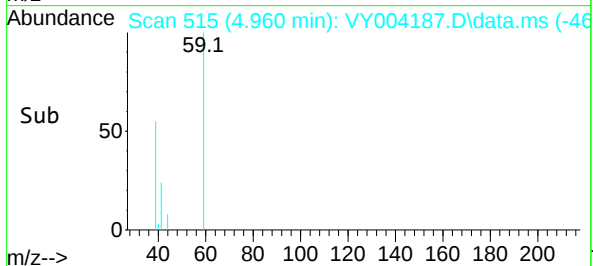
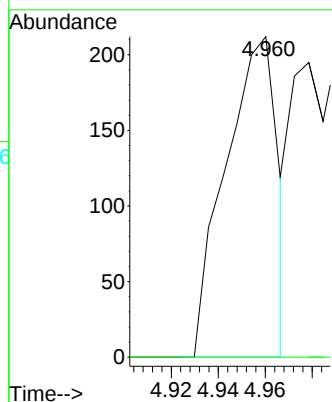
#11

Tert butyl alcohol
Concen: 1.93 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

Instrument :
MSVOA_Y
ClientSampled :



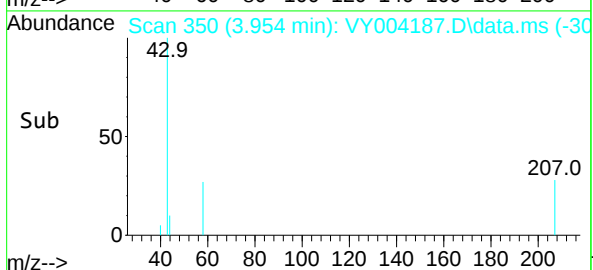
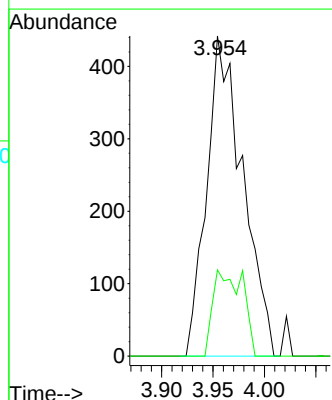
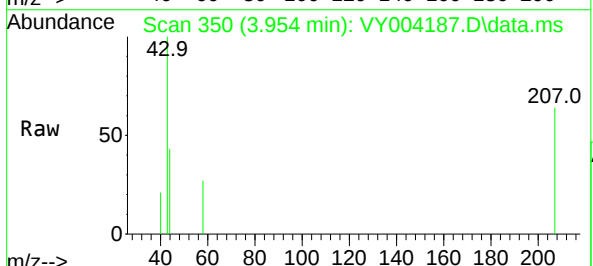
Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

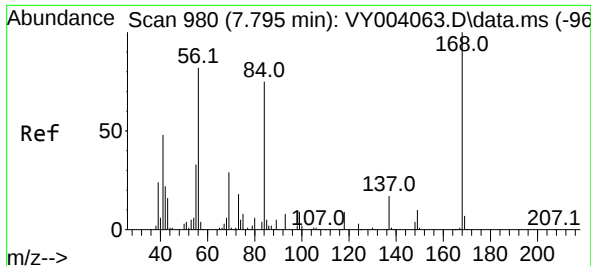


#16

Acetone
Concen: 2.39 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

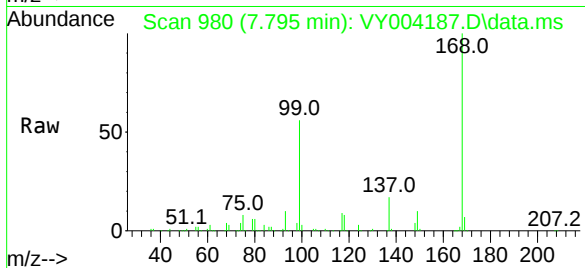
Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 26.9 22.6 34.0



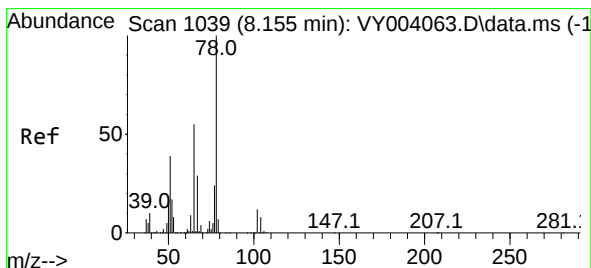
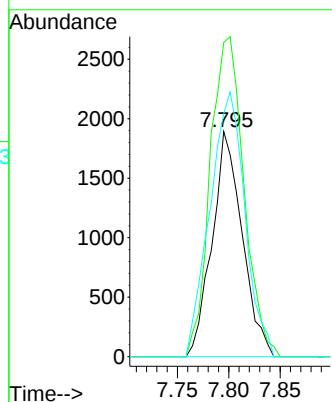
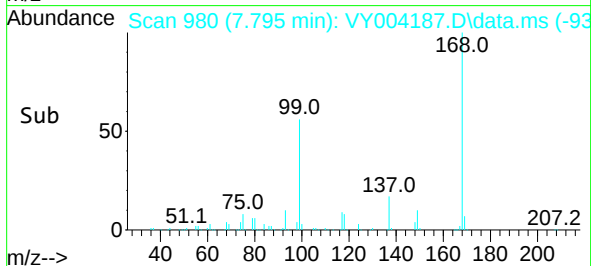


#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

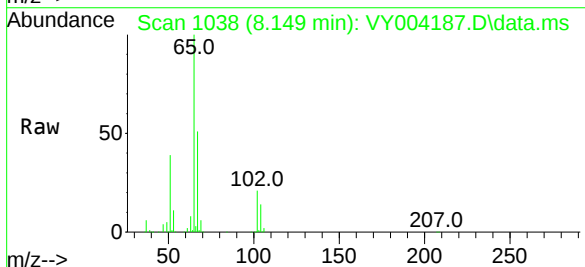
Instrument :
MSVOA_Y
ClientSampled :



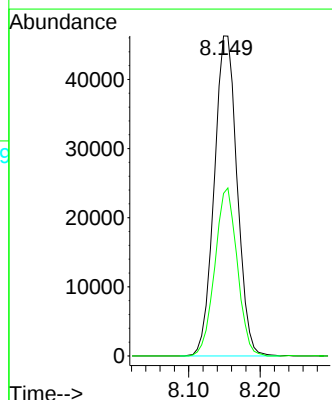
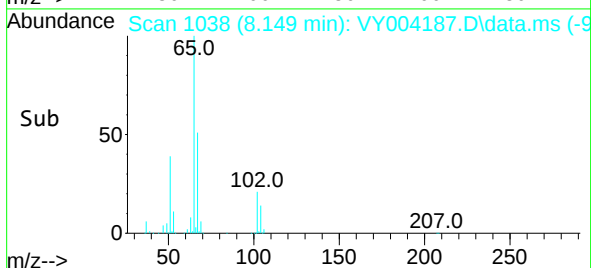
Tgt Ion: 56 Resp: 3849
Ion Ratio Lower Upper
56 100
69 139.6 25.3 37.9#
84 107.8 67.3 100.9#

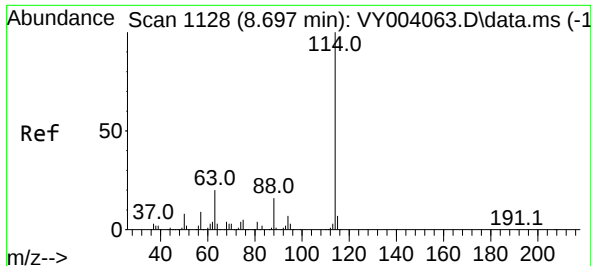


#33
1,2-Dichloroethane-d4
Concen: 54.99 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48



Tgt Ion: 65 Resp: 102765
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004187.D

Acq: 24 Mar 2021 14:48

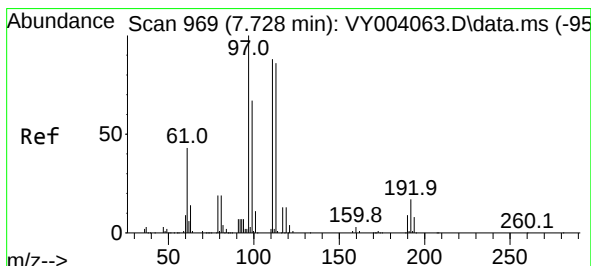
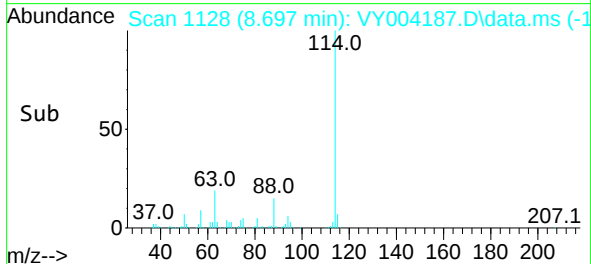
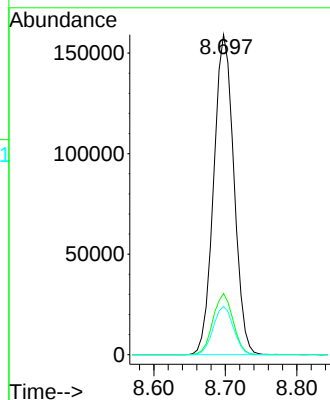
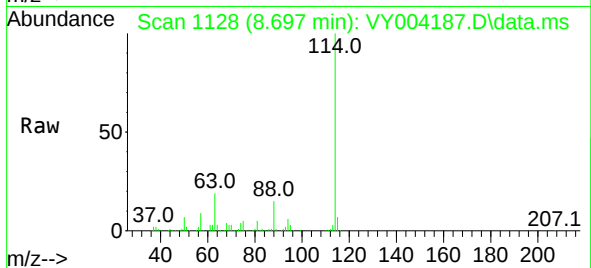
Tgt Ion:114 Resp: 311597

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.6

88 15.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.67 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004187.D

Acq: 24 Mar 2021 14:48

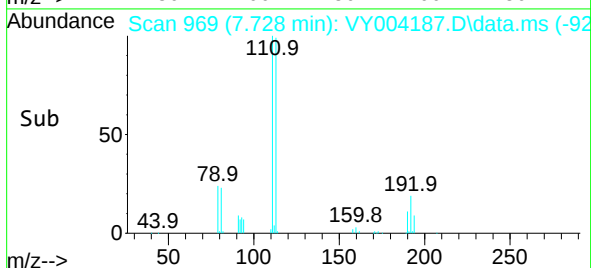
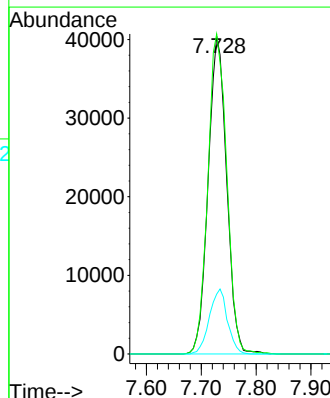
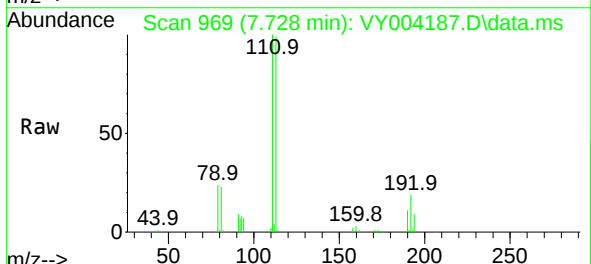
Tgt Ion:113 Resp: 94306

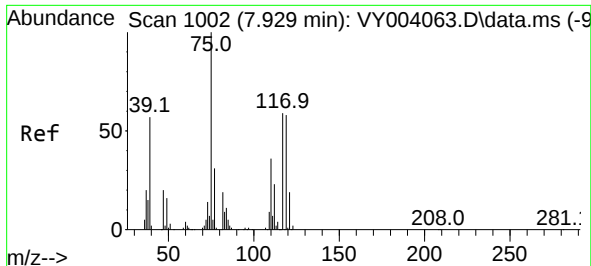
Ion Ratio Lower Upper

113 100

111 103.4 83.2 124.8

192 20.0 18.5 27.7

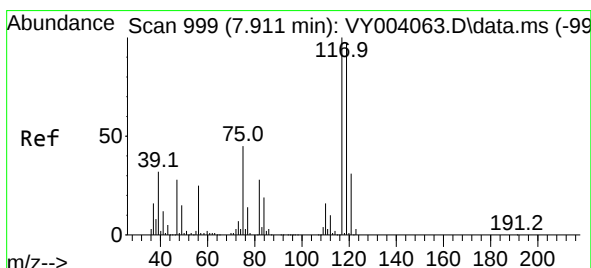
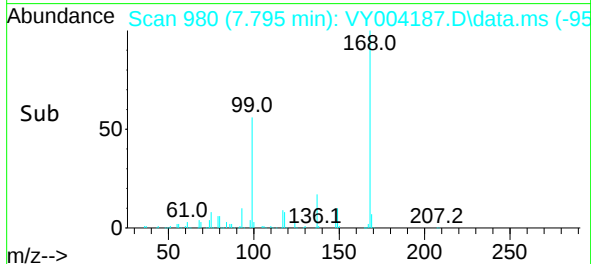
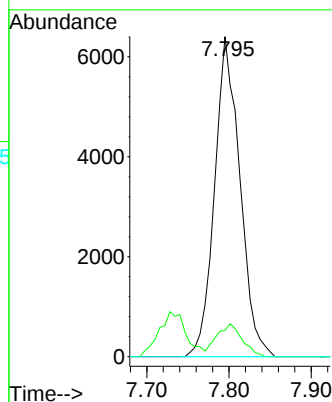
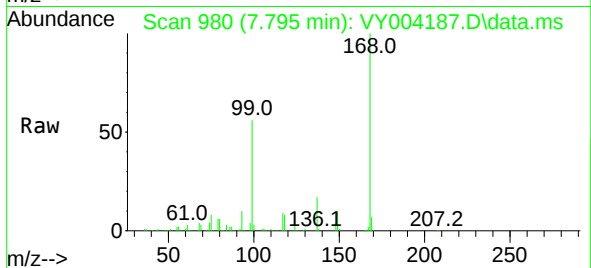




#36
1,1-Dichloropropene
Concen: 5.01 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

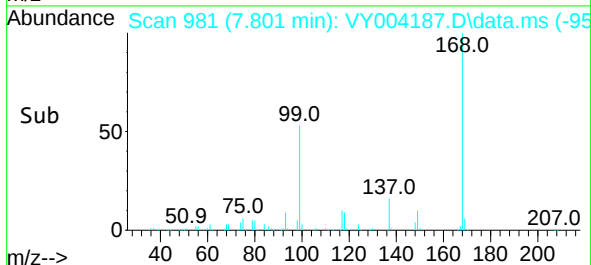
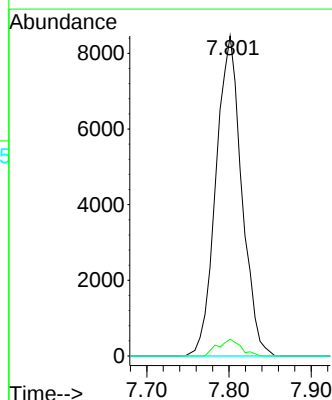
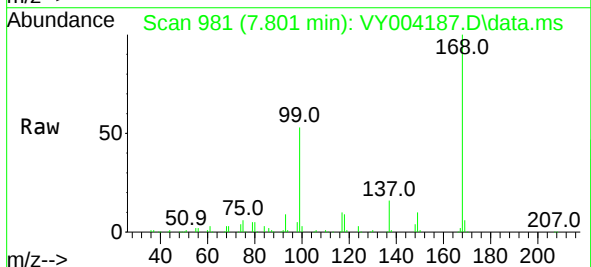
Instrument :
MSVOA_Y
ClientSampleId :

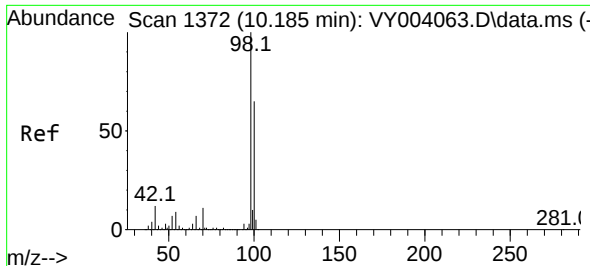
Tgt Ion: 75 Resp: 13716
Ion Ratio Lower Upper
75 100
110 10.3 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

Tgt Ion: 117 Resp: 18436
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 24.2 36.2#

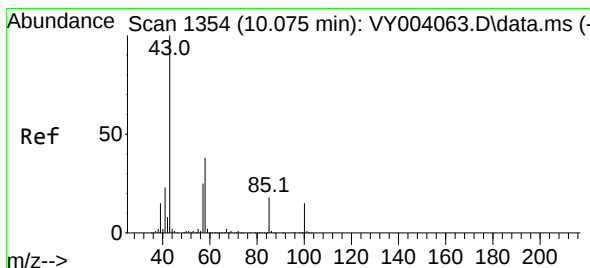
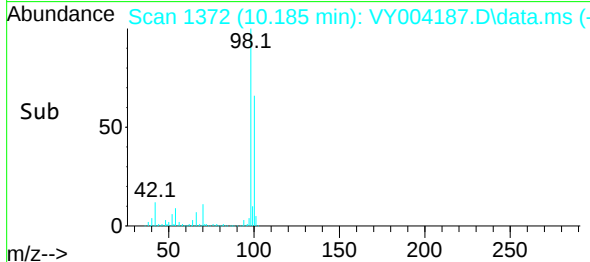
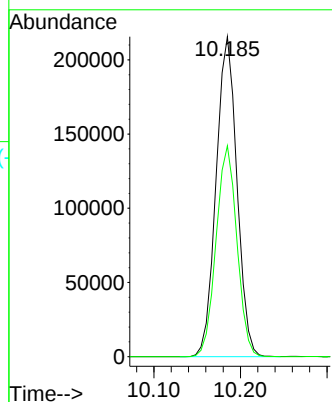
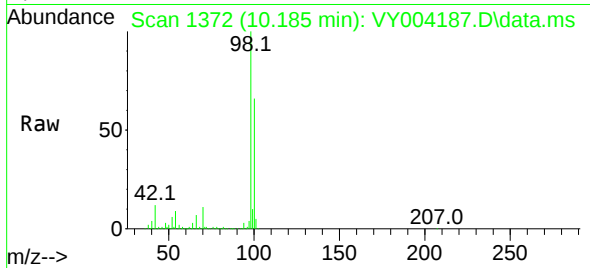




#50
Toluene-d8
Concen: 52.36 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

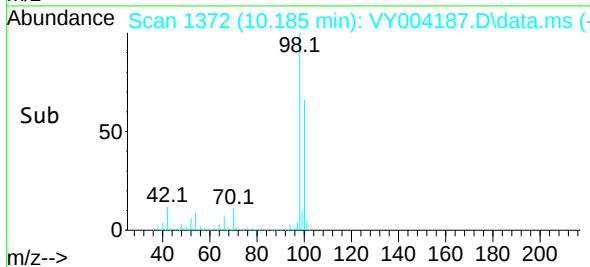
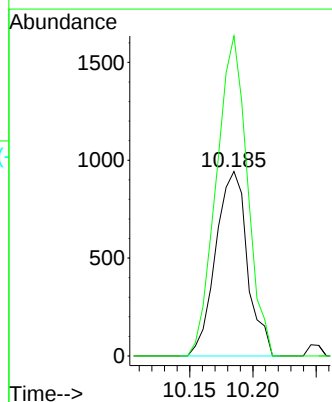
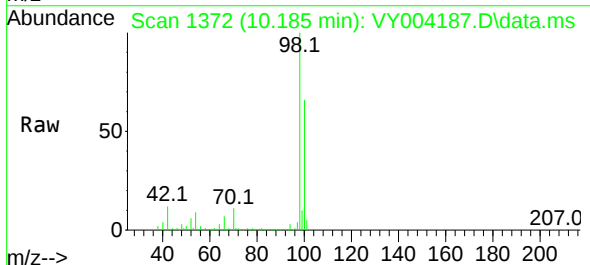
Instrument :
MSVOA_Y
ClientSampled :

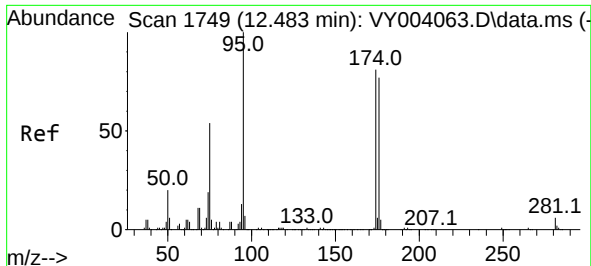
Tgt Ion: 98 Resp: 360668
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.10 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

Tgt Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
58 168.9 29.8 44.8#

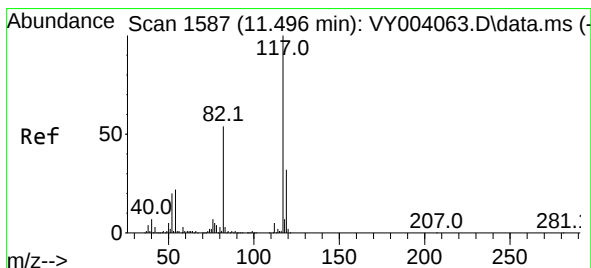
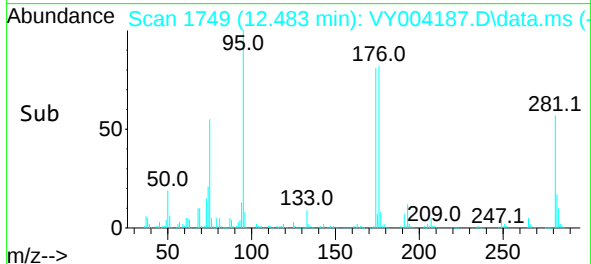
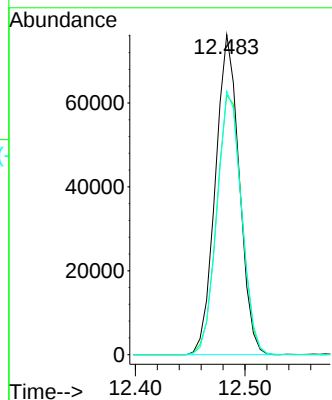
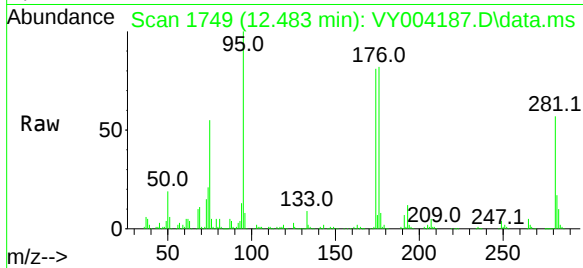




#62
4-Bromofluorobenzene
Concen: 45.26 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

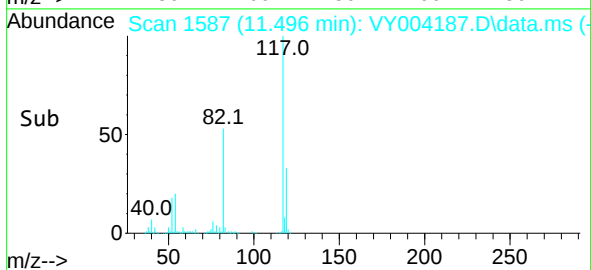
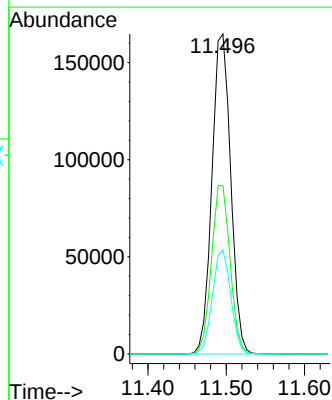
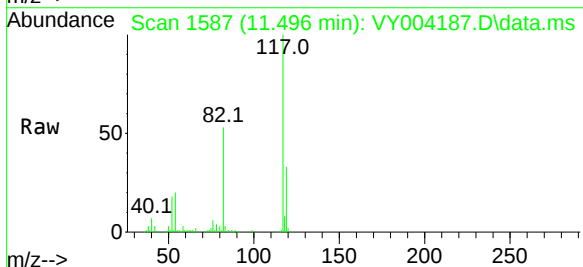
Instrument :
MSVOA_Y
ClientSampleId :

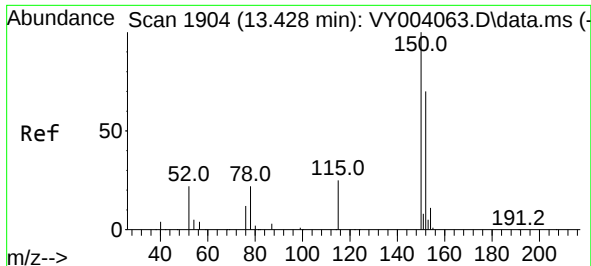
Tgt Ion: 95 Resp: 115138
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 84.7 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

Tgt Ion: 117 Resp: 273740
Ion Ratio Lower Upper
117 100
82 52.6 43.8 65.6
119 32.6 26.2 39.2

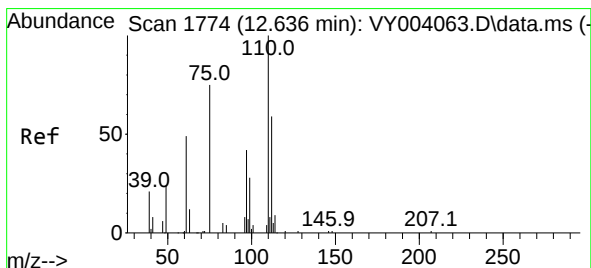
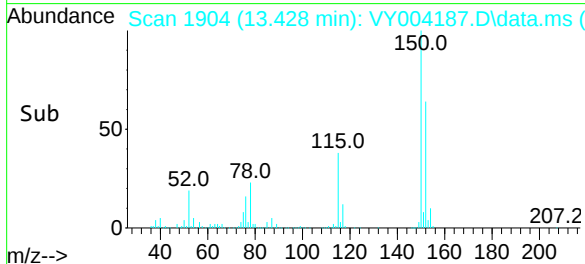
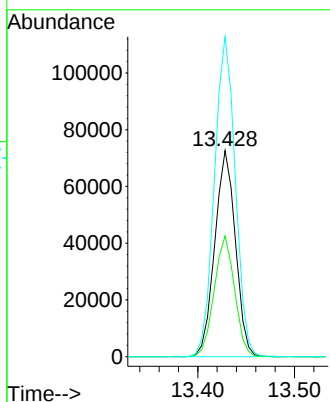
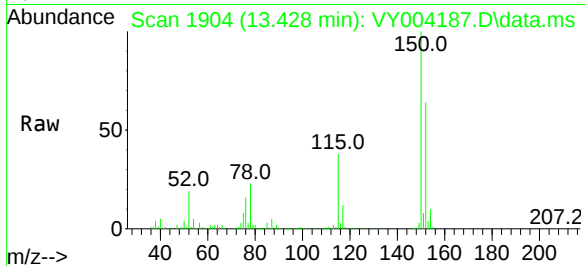




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

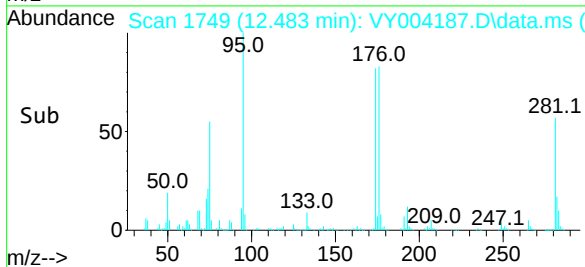
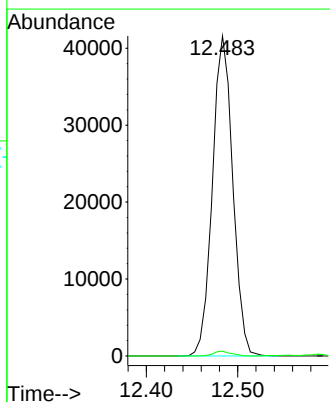
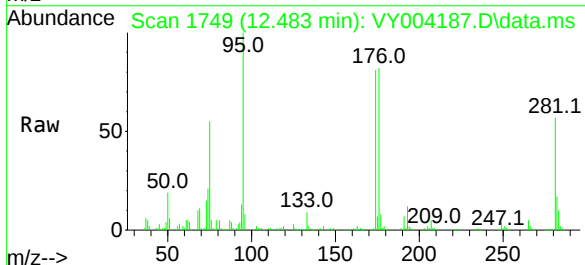
Instrument :
MSVOA_Y
ClientSampleId :

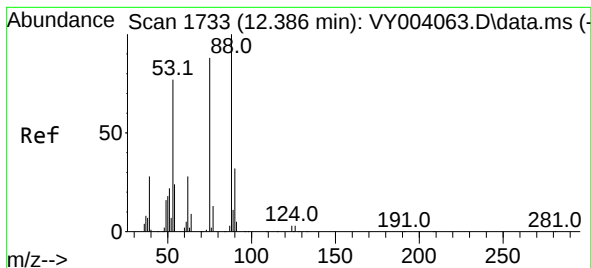
Tgt Ion:152 Resp: 107637
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.6
150 156.8 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 62.23 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

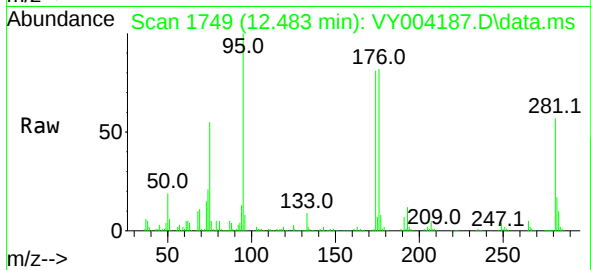
Tgt Ion: 75 Resp: 64230
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.82 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004187.D
 Acq: 24 Mar 2021 14:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 64230
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 1.4 35.7 53.5#

