

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004532.D
 Acq On : 20 Apr 2021 16:31
 Operator : SY/MD
 Sample : M2090-17
 Misc : 6.62G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:52:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

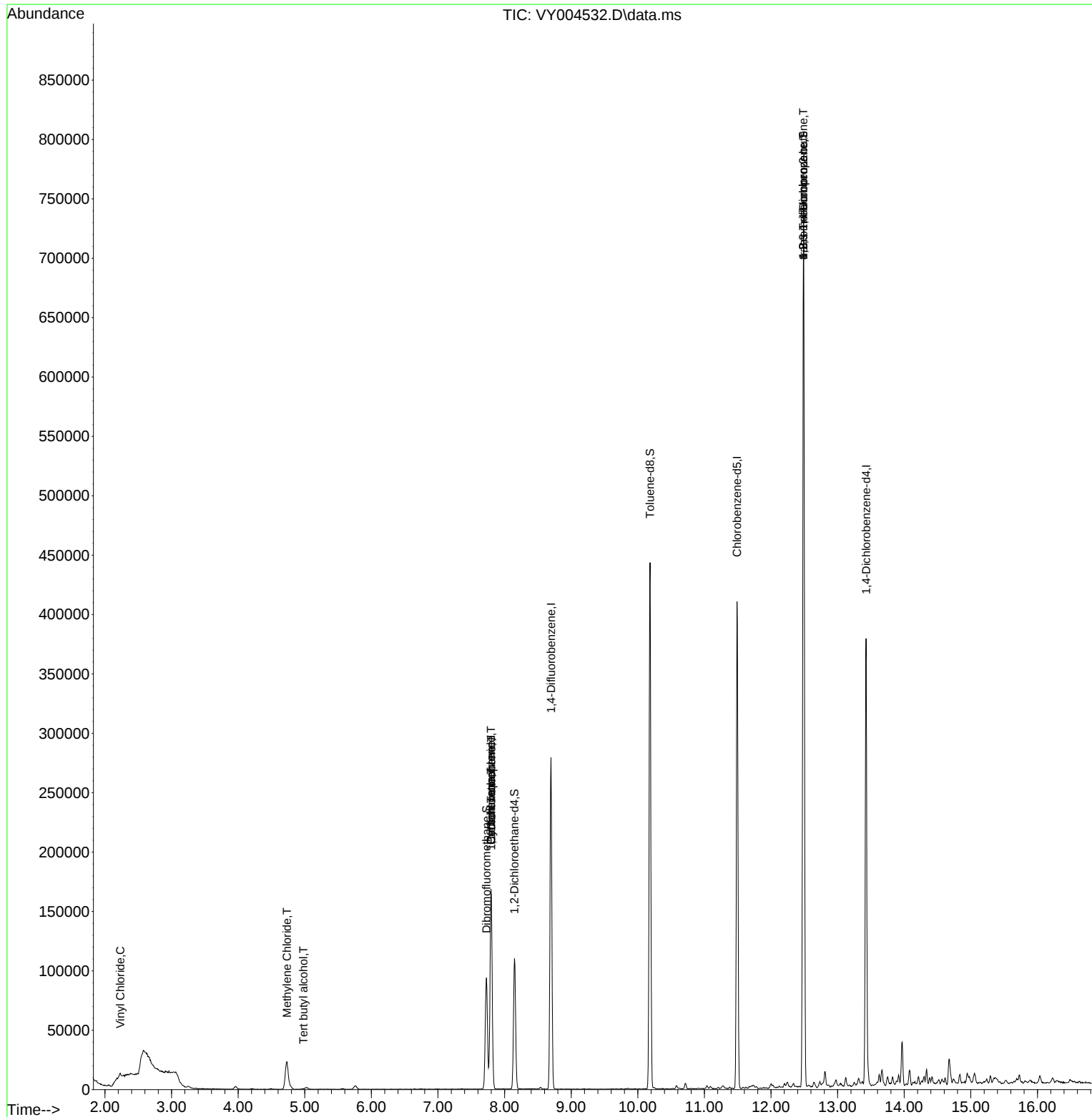
Internal Standards						
1) Pentafluorobenzene	7.795	168	127256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84630	59.86	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.72%			
35) Dibromofluoromethane	7.728	113	65269	52.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.06%			
50) Toluene-d8	10.185	98	276643	52.34	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.68%			
62) 4-Bromofluorobenzene	12.483	95	95816	53.42	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.84%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.229	62	6505	3.61	ug/l #	43
11) Tert butyl alcohol	4.979	59	786	5.64	ug/l #	73
16) Acetone	3.960	43	4028	Below Cal		91
20) Methylene Chloride	4.735	84	16268	11.91	ug/l	92
31) Cyclohexane	7.795	56	3124	1.21	ug/l #	28
36) 1,1-Dichloropropene	7.801	75	10581	4.76	ug/l #	51
38) Carbon Tetrachloride	7.795	117	13323	6.93	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	56622	57.90	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56622	103.58	ug/l #	13

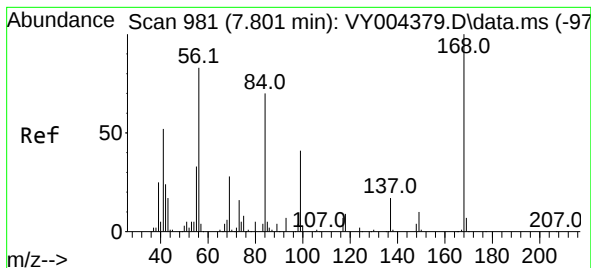
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY004532.D

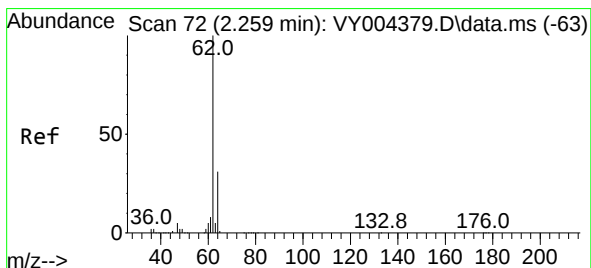
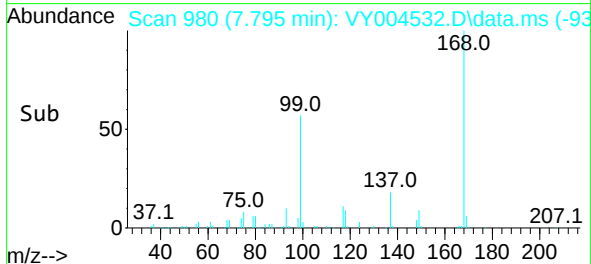
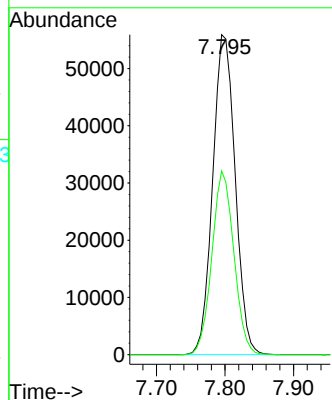
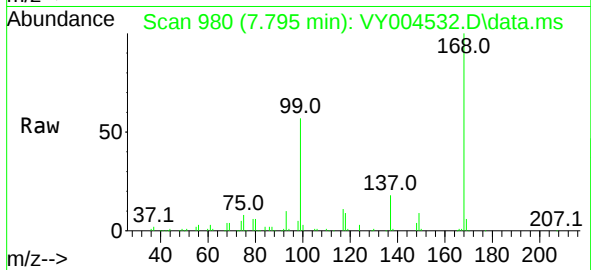
Acq: 20 Apr 2021 16:31

Tgt Ion:168 Resp: 127256

Ion Ratio Lower Upper

168 100

99 57.4 45.5 68.3



#4

Vinyl Chloride

Concen: 3.61 ug/l

RT: 2.229 min Scan# 67

Delta R.T. -0.030 min

Lab File: VY004532.D

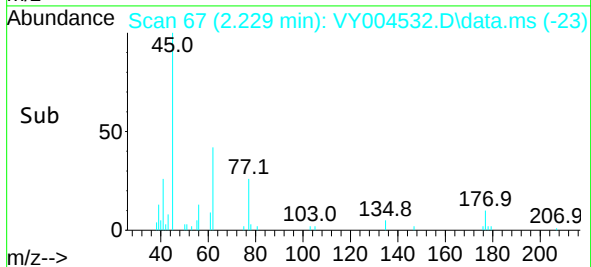
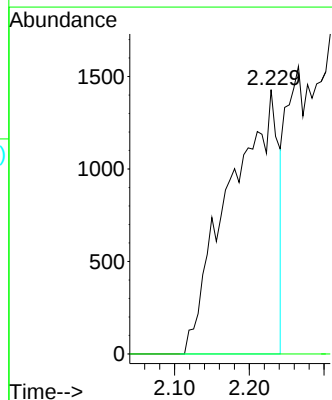
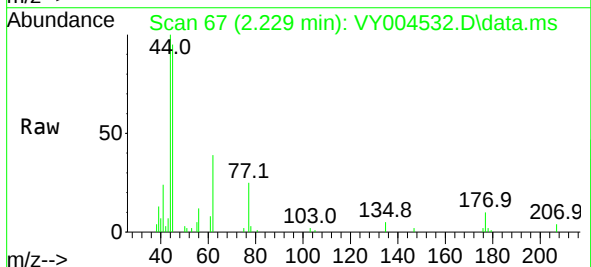
Acq: 20 Apr 2021 16:31

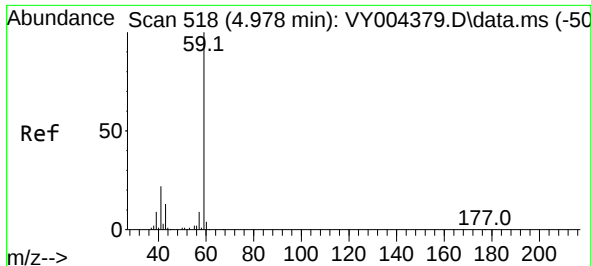
Tgt Ion: 62 Resp: 6505

Ion Ratio Lower Upper

62 100

64 0.0 25.1 37.7#



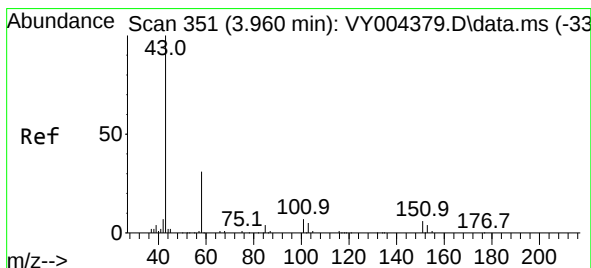
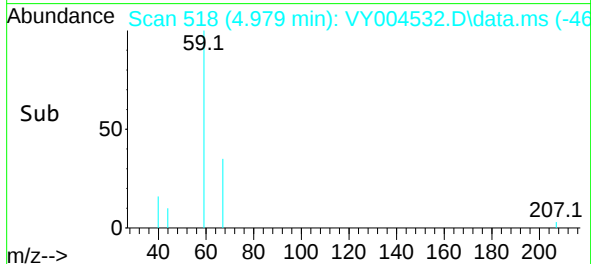
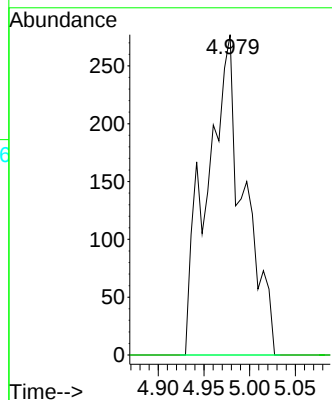
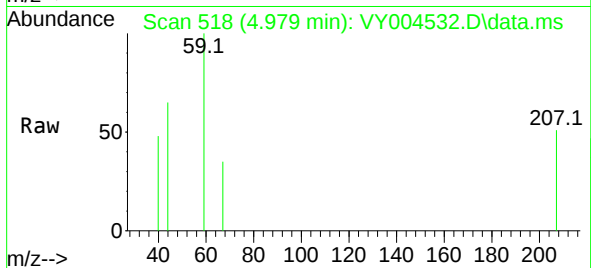


#11

Tert butyl alcohol
Concen: 5.64 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004532.D
Acq: 20 Apr 2021 16:31

Instrument :
MSVOA_Y
ClientSampled :

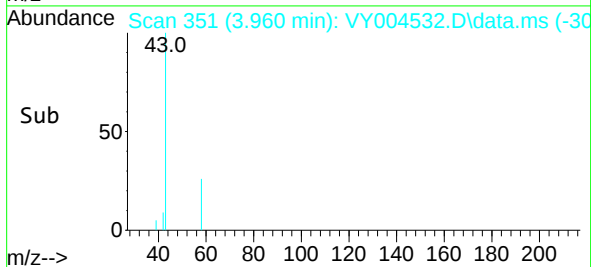
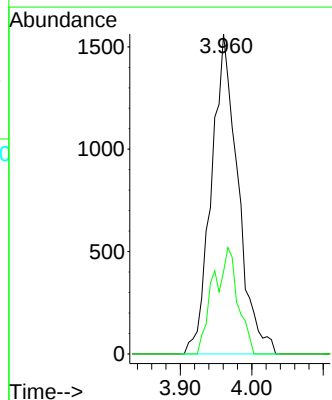
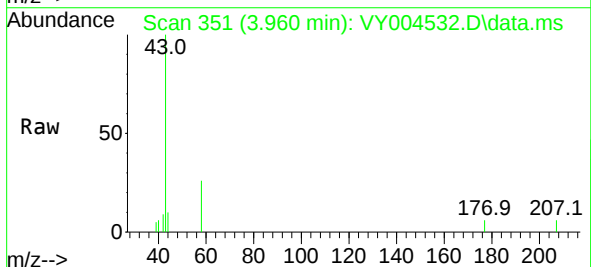
Tgt Ion: 59 Resp: 786
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

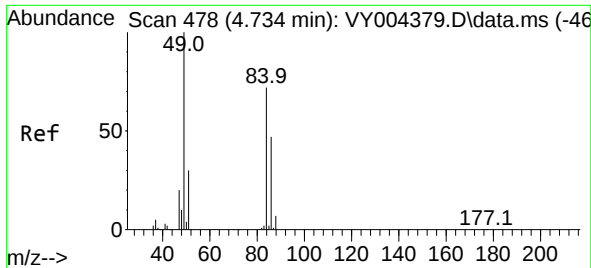


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004532.D
Acq: 20 Apr 2021 16:31

Tgt Ion: 43 Resp: 4028
Ion Ratio Lower Upper
43 100
58 25.7 24.6 37.0

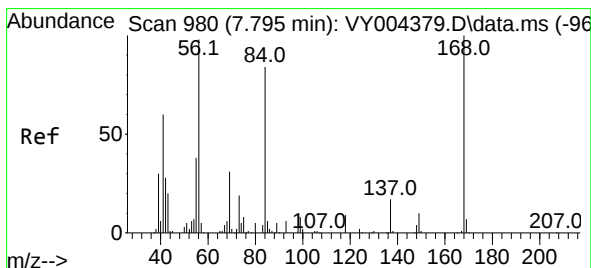
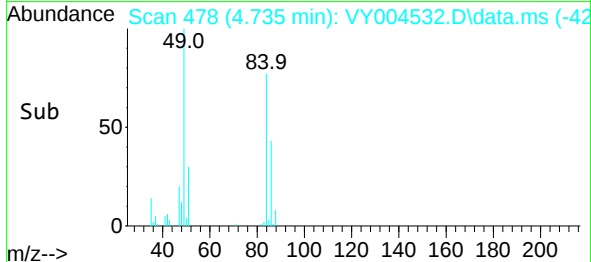
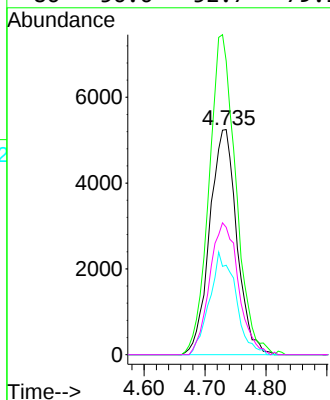
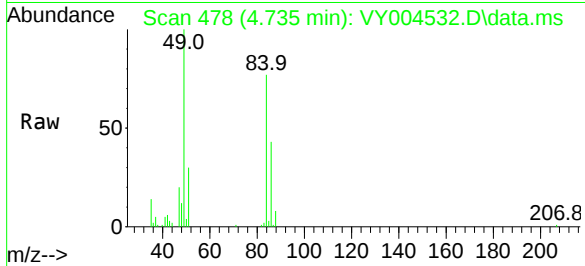




#20
Methylene Chloride
Concen: 11.91 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004532.D
Acq: 20 Apr 2021 16:31

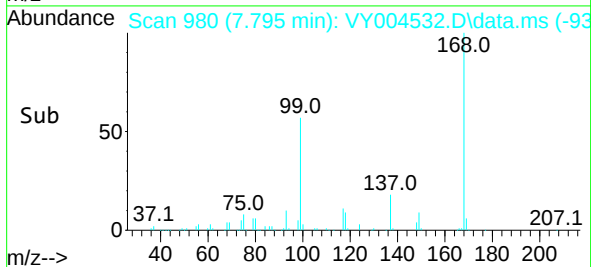
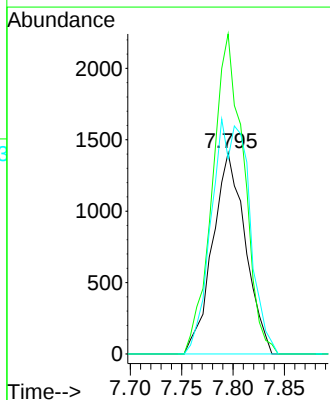
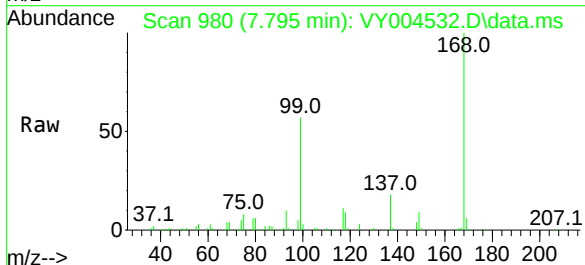
Instrument :
MSVOA_Y
ClientSampleId :

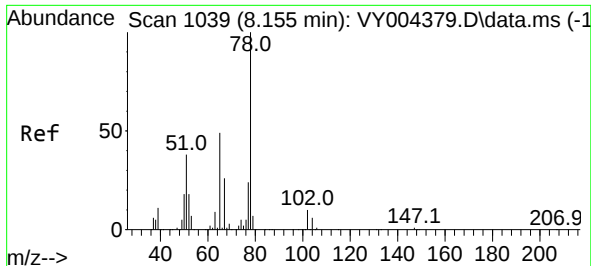
Tgt Ion:	84	Resp:	16268
Ion	Ratio	Lower	Upper
84	100		
49	130.4	111.2	166.8
51	39.7	33.4	50.2
86	56.6	52.7	79.1



#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004532.D
Acq: 20 Apr 2021 16:31

Tgt Ion:	56	Resp:	3124
Ion	Ratio	Lower	Upper
56	100		
69	159.0	25.8	38.6#
84	97.2	68.2	102.4

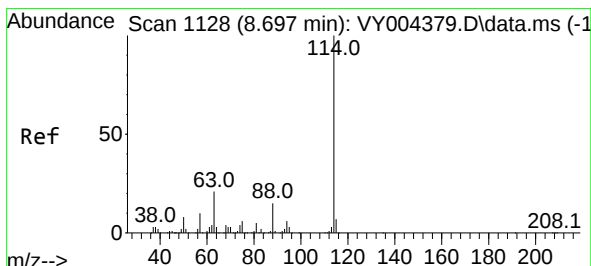
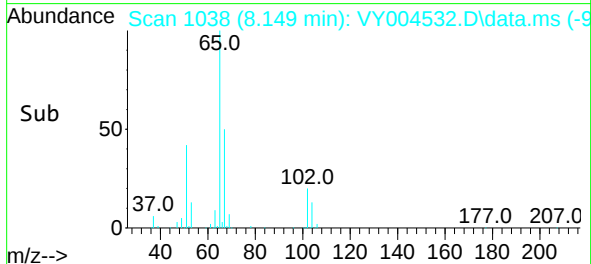
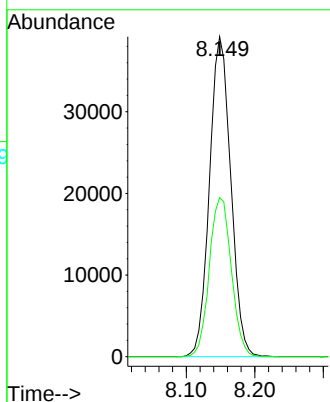
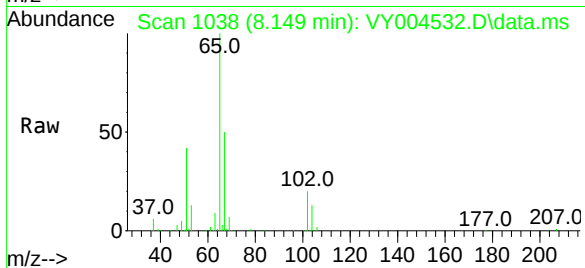




#33
1,2-Dichloroethane-d4
Concen: 59.86 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004532.D
Acq: 20 Apr 2021 16:31

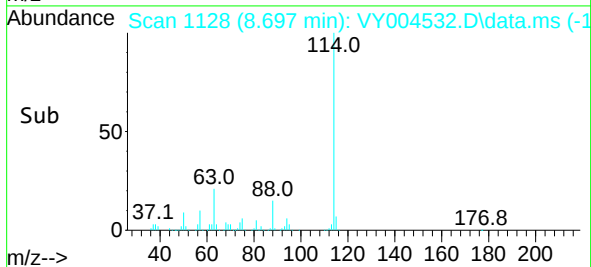
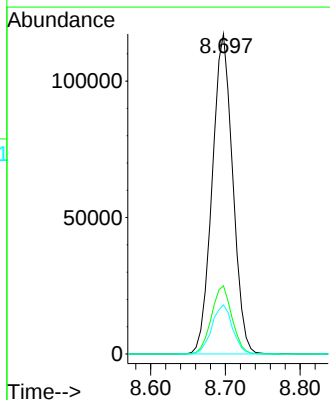
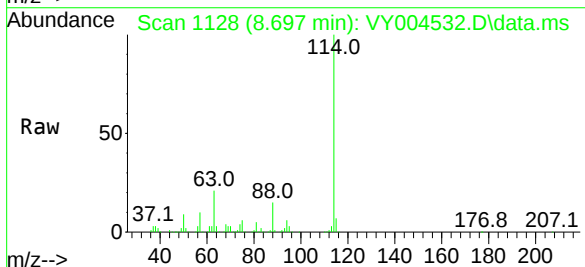
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 84630
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004532.D
Acq: 20 Apr 2021 16:31

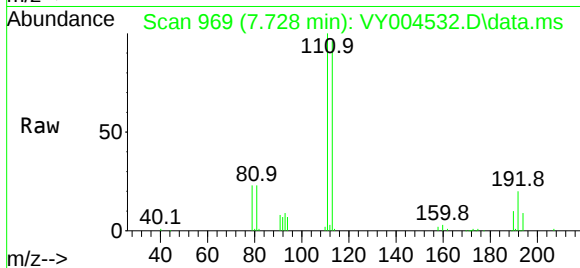
Tgt Ion: 114 Resp: 223905
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 15.3 0.0 30.8



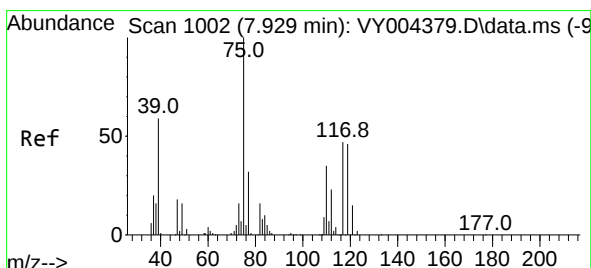
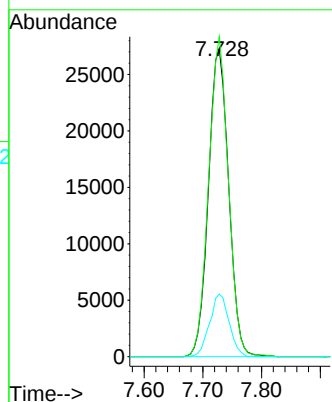
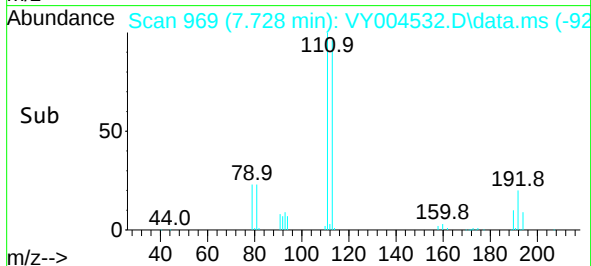


#35
Dibromofluoromethane
Concen: 52.53 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004532.D
Acq: 20 Apr 2021 16:31

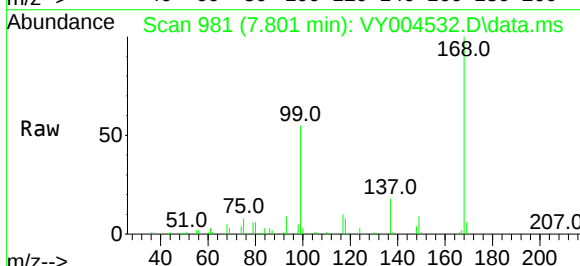
Instrument :
MSVOA_Y
ClientSampled :



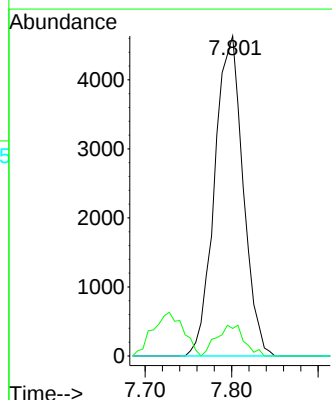
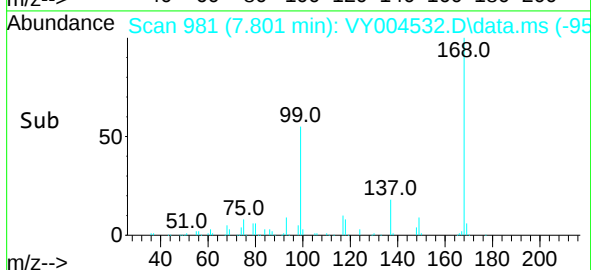
Tgt Ion:113 Resp: 65269
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004532.D
Acq: 20 Apr 2021 16:31



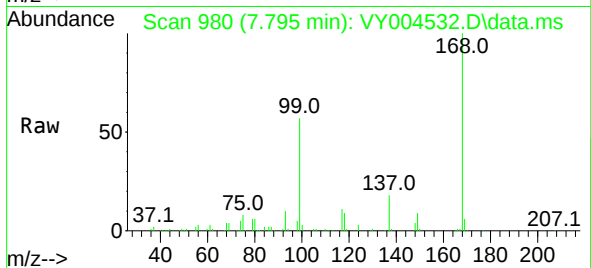
Tgt Ion: 75 Resp: 10581
Ion Ratio Lower Upper
75 100
110 9.3 17.3 51.7#
77 0.0 24.3 36.5#



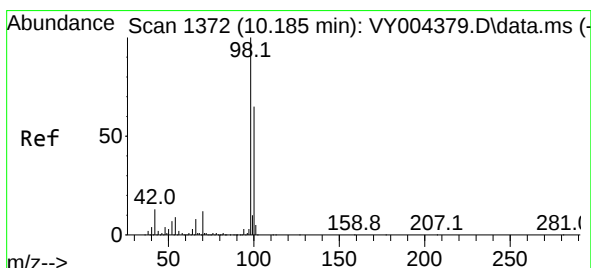
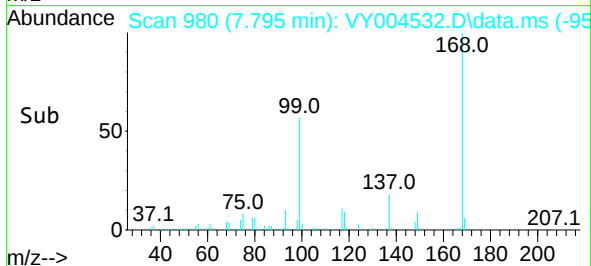
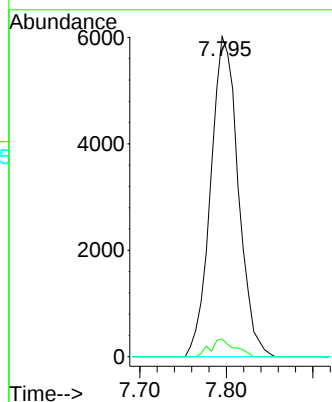


#38
Carbon Tetrachloride
Concen: 6.93 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004532.D
Acq: 20 Apr 2021 16:31

Instrument :
MSVOA_Y
ClientSampleId :

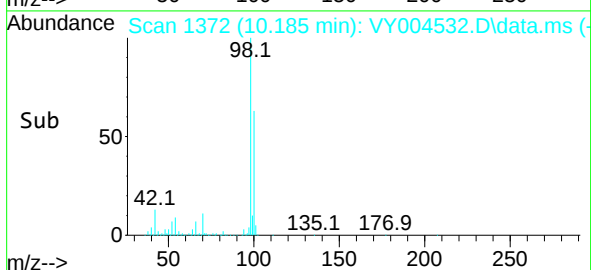
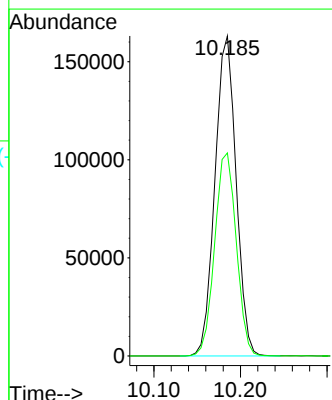
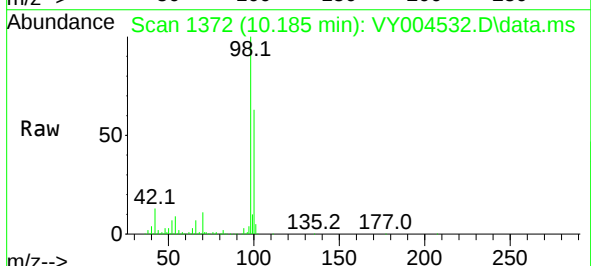


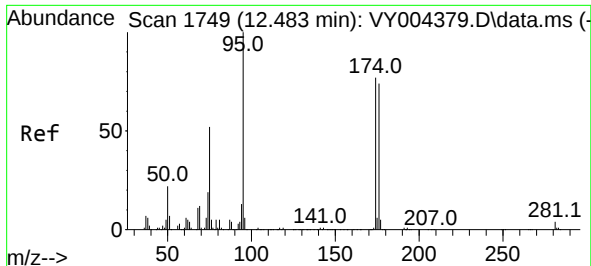
Tgt Ion:117 Resp: 13323
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.34 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004532.D
Acq: 20 Apr 2021 16:31

Tgt Ion: 98 Resp: 276643
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

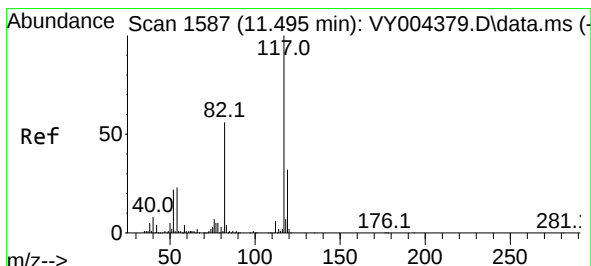
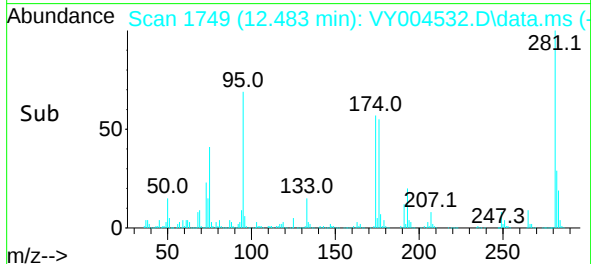
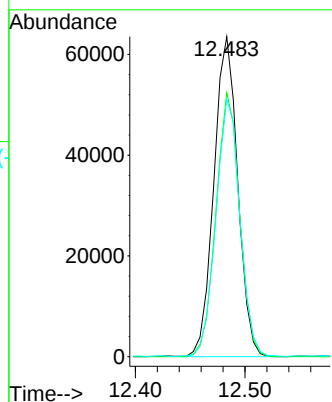
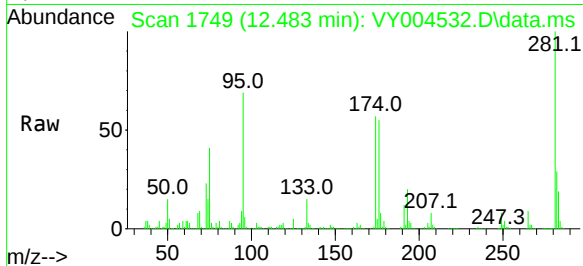




#62
4-Bromofluorobenzene
Concen: 53.42 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004532.D
Acq: 20 Apr 2021 16:31

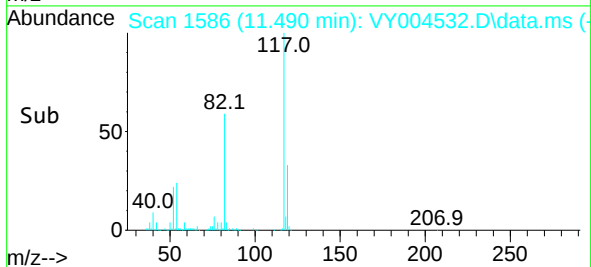
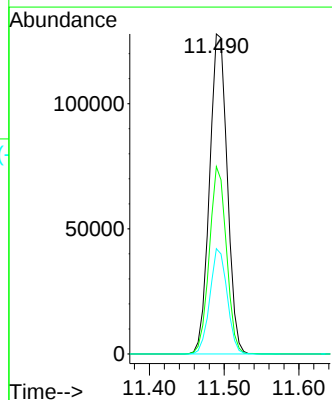
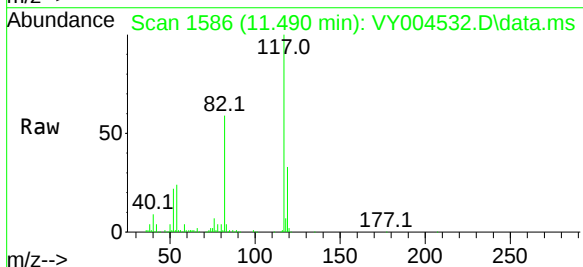
Instrument :
MSVOA_Y
ClientSampleId :

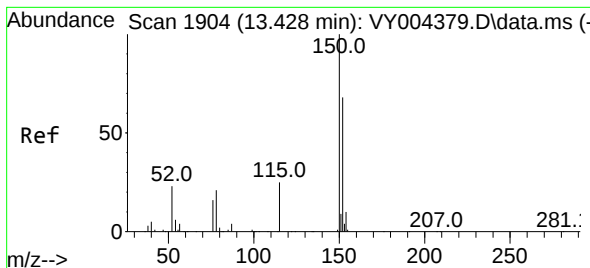
Tgt Ion: 95 Resp: 95816
Ion Ratio Lower Upper
95 100
174 82.1 0.0 162.4
176 81.2 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004532.D
Acq: 20 Apr 2021 16:31

Tgt Ion: 117 Resp: 209969
Ion Ratio Lower Upper
117 100
82 58.6 44.9 67.3
119 32.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.428 min Scan# 1904

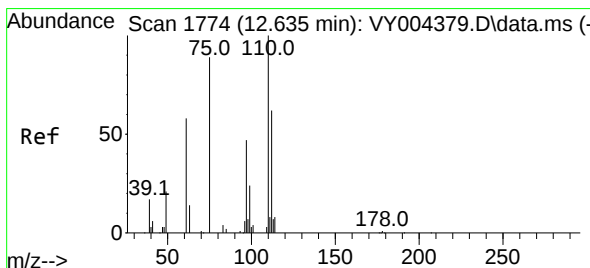
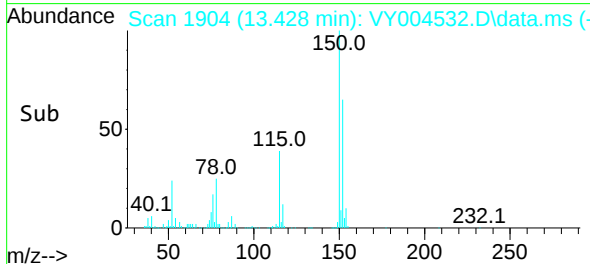
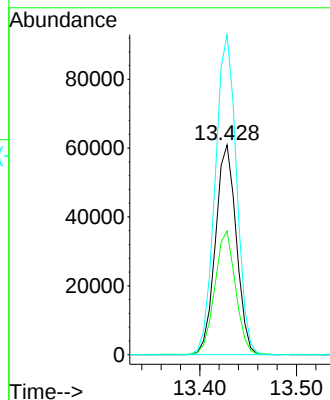
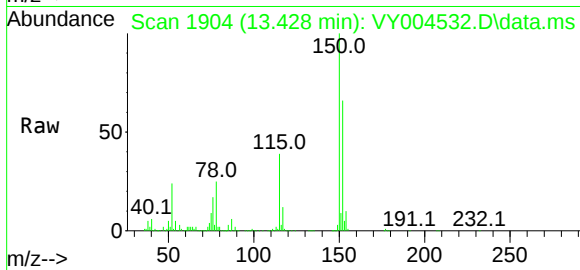
Delta R.T. 0.000 min

Lab File: VY004532.D

Acq: 20 Apr 2021 16:31

Tgt Ion:	152	Resp:	91116
Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.6	88.8
150	155.9	0.0	348.4

Instrument :
MSVOA_Y
ClientSampleId :



#76

1,2,3-Trichloropropane

Concen: 57.90 ug/l

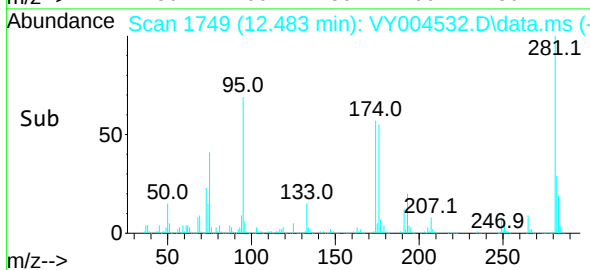
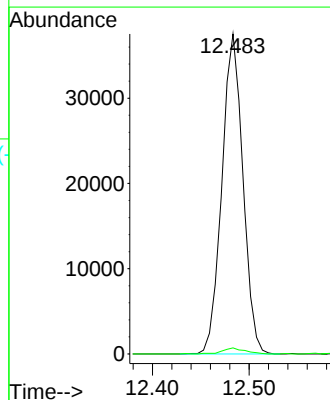
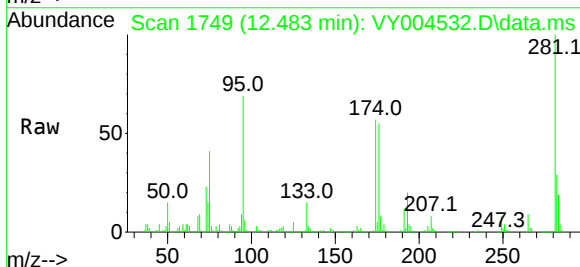
RT: 12.483 min Scan# 1749

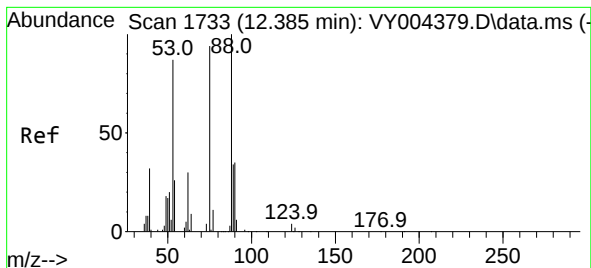
Delta R.T. -0.152 min

Lab File: VY004532.D

Acq: 20 Apr 2021 16:31

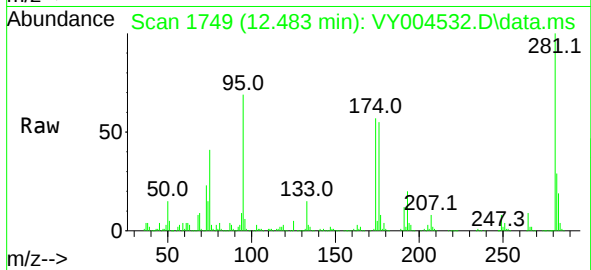
Tgt Ion:	75	Resp:	56622
Ion	Ratio	Lower	Upper
75	100		
77	2.0	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.58 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004532.D
 Acq: 20 Apr 2021 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 56622
 Ion Ratio Lower Upper
 75 100
 53 0.2 75.0 112.6#
 89 2.8 36.1 54.1#

