

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005651.D
 Acq On : 13 Aug 2021 21:54
 Operator : SY/MD
 Sample : M3407-16
 Misc : 12.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 27S

Quant Time: Aug 14 03:40:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

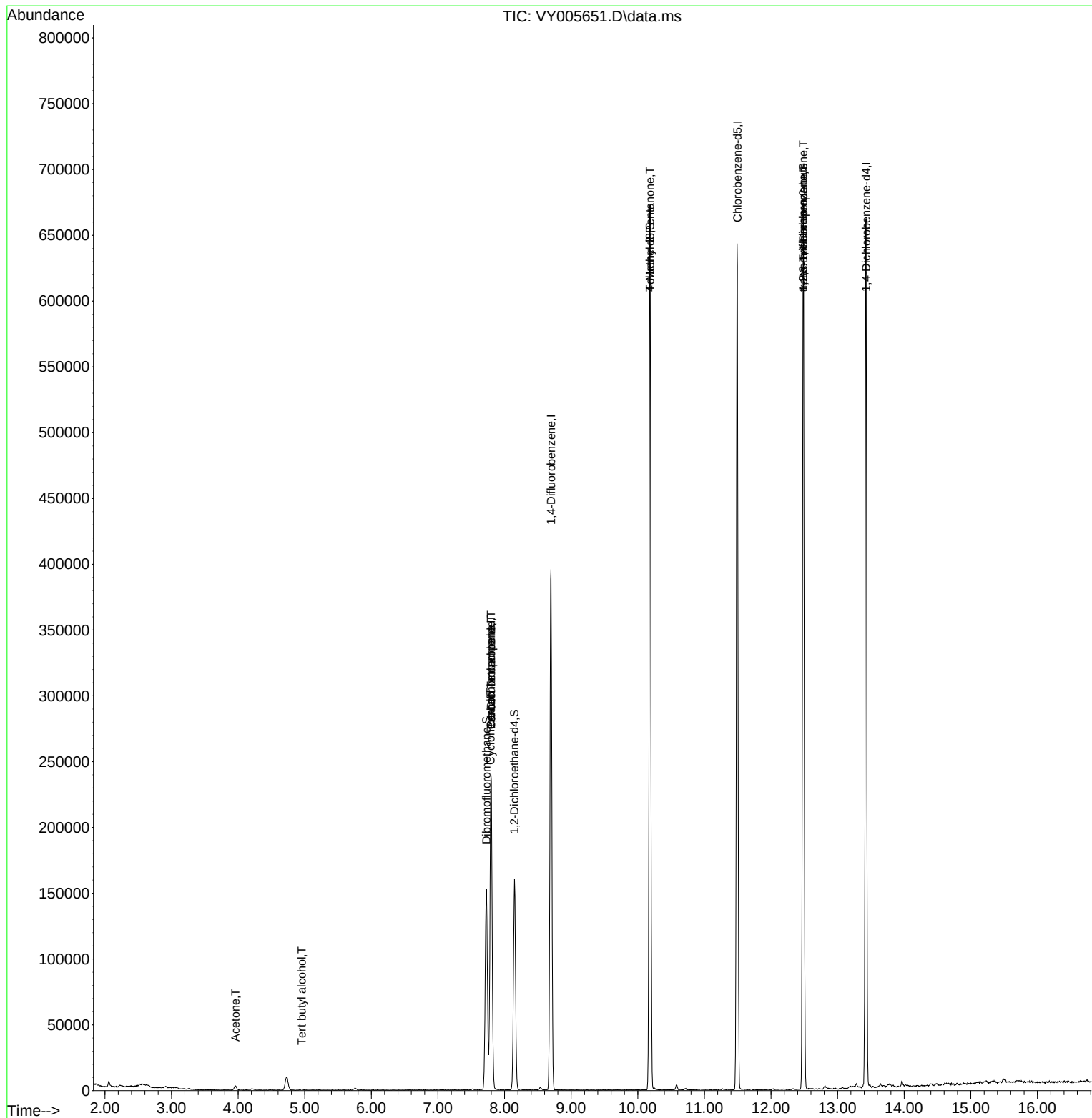
Internal Standards						
1) Pentafluorobenzene	7.795	168	195748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	335348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	339384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130158	65.688	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 131.380%		
35) Dibromofluoromethane	7.728	113	103430	55.088	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.180%		
50) Toluene-d8	10.185	98	431580	54.809	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 109.620%		
62) 4-Bromofluorobenzene	12.483	95	153042	58.692	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 117.380%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	1567	8.000	ug/l #	73
16) Acetone	3.961	43	5748	11.506	ug/l	90
20) Methylene Chloride	4.735	84	7412	Below Cal		89
31) Cyclohexane	7.789	56	3970	1.168	ug/l #	25
36) 1,1-Dichloropropene	7.795	75	13591	4.321	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18005	5.267	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1931	1.016	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	86870	48.766	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86870	98.306	ug/l #	11

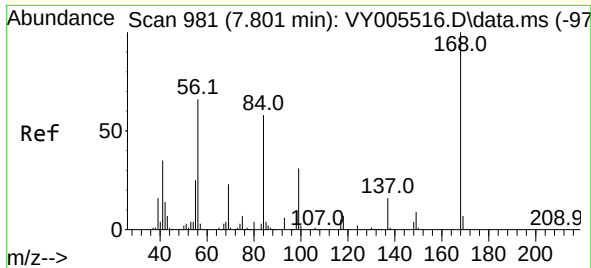
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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27S

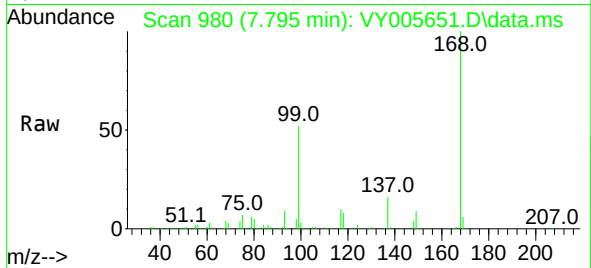
Quant Time: Aug 14 03:40:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
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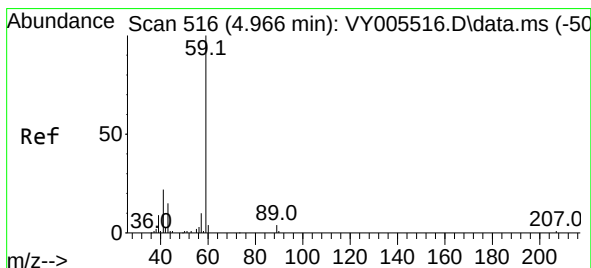
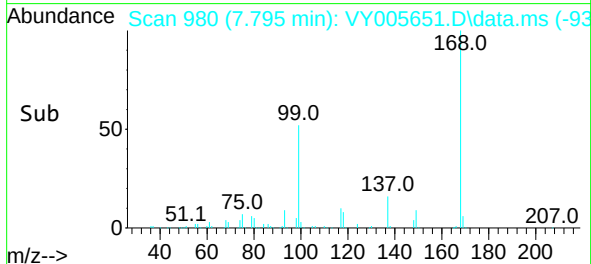
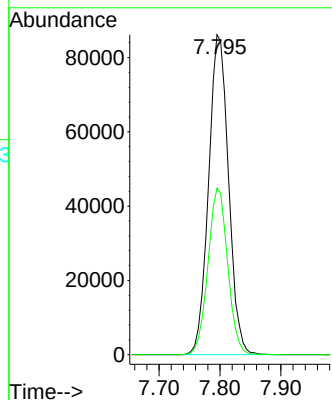


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005651.D
Acq: 13 Aug 2021 21:54

Instrument :
MSVOA_Y
ClientSampled :
27S

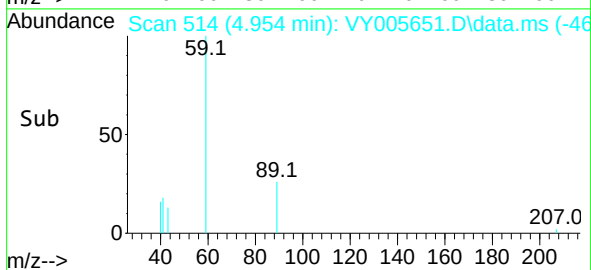
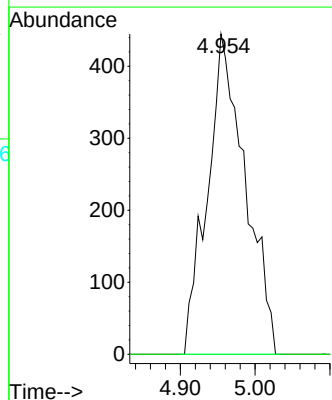
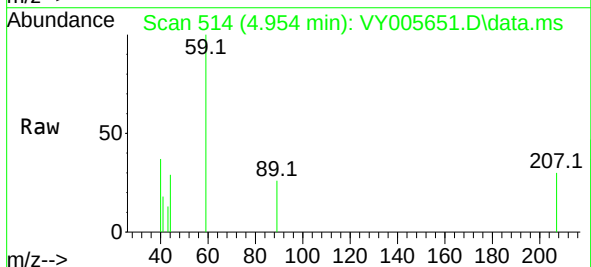


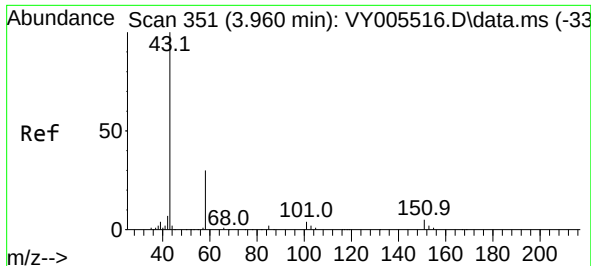
Tgt Ion:168 Resp: 195748
Ion Ratio Lower Upper
168 100
99 52.0 38.9 58.3



#11
Tert butyl alcohol
Concen: 8.000 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005651.D
Acq: 13 Aug 2021 21:54

Tgt Ion: 59 Resp: 1567
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

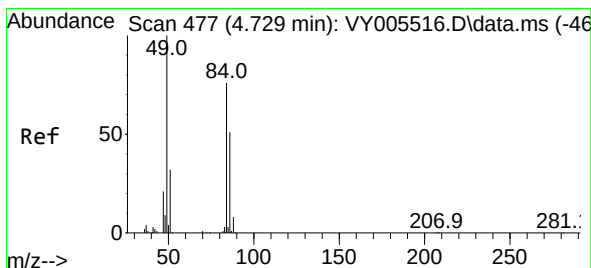
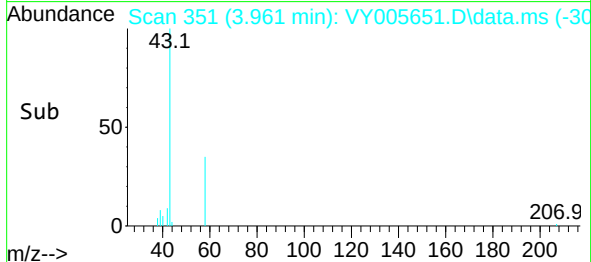
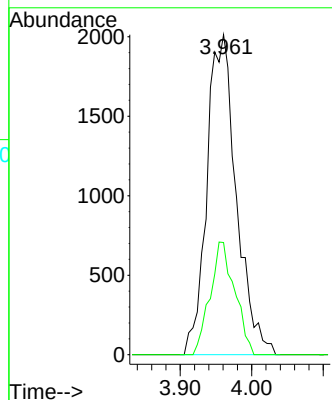
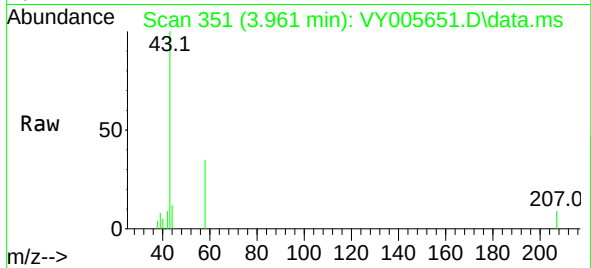




#16
Acetone
Concen: 11.506 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005651.D
Acq: 13 Aug 2021 21:54

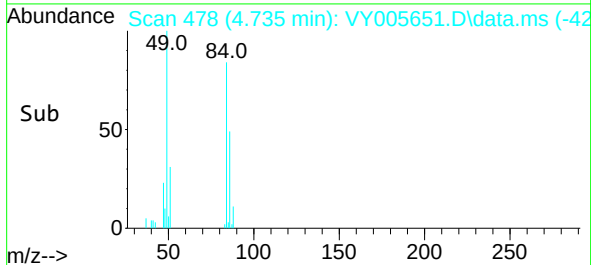
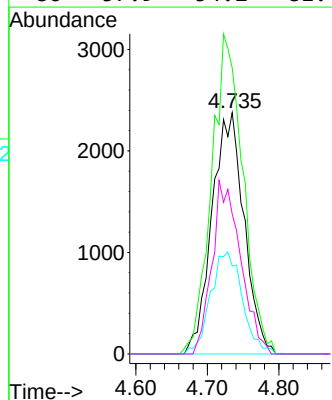
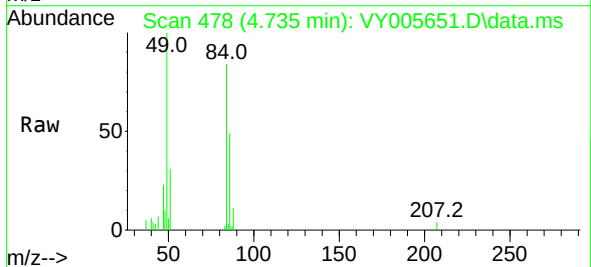
Instrument :
MSVOA_Y
ClientSampled :
27S

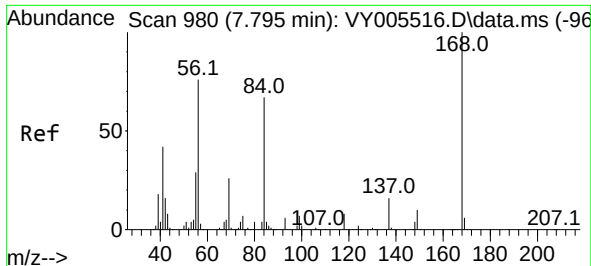
Tgt Ion: 43 Resp: 5748
Ion Ratio Lower Upper
43 100
58 35.1 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005651.D
Acq: 13 Aug 2021 21:54

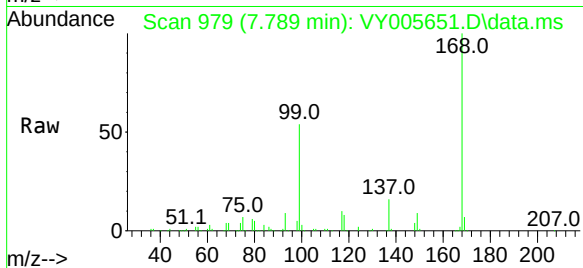
Tgt Ion: 84 Resp: 7412
Ion Ratio Lower Upper
84 100
49 118.6 105.8 158.6
51 36.5 33.4 50.2
86 57.9 54.2 81.4



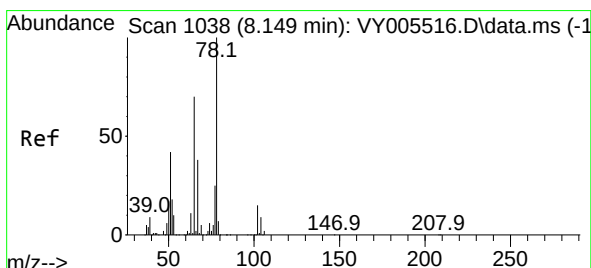
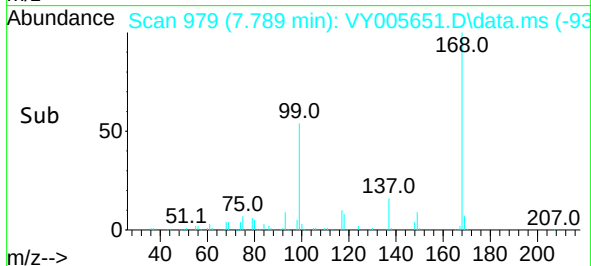
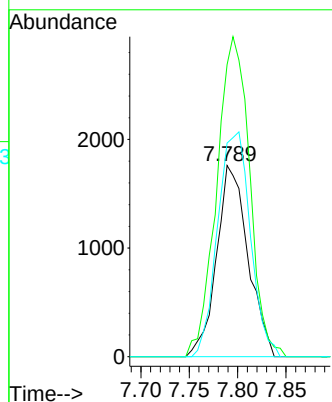


#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005651.D
Acq: 13 Aug 2021 21:54

Instrument :
MSVOA_Y
ClientSampled :
27S

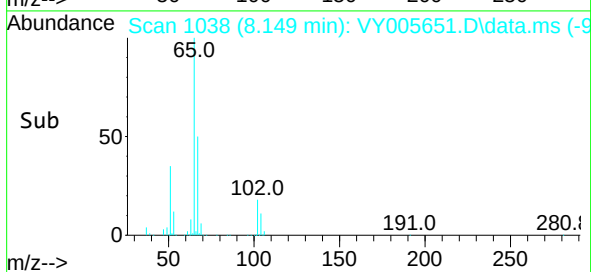
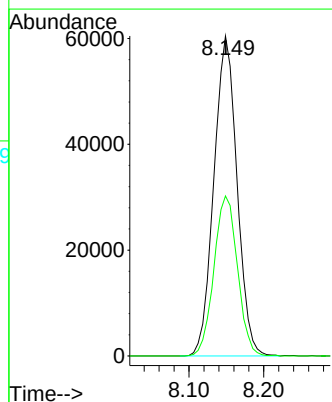
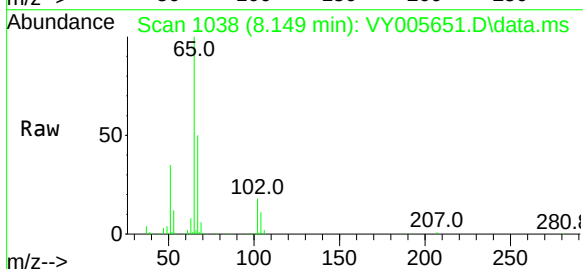


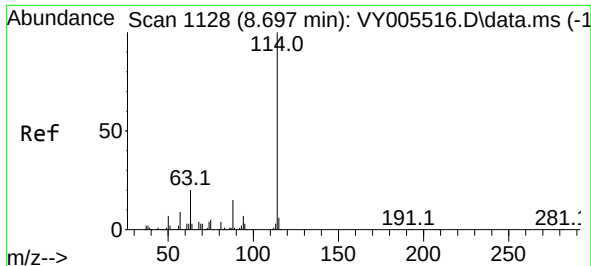
Tgt Ion: 56 Resp: 3970
Ion Ratio Lower Upper
56 100
69 152.7 27.7 41.5#
84 111.7 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 65.688 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005651.D
Acq: 13 Aug 2021 21:54

Tgt Ion: 65 Resp: 130158
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

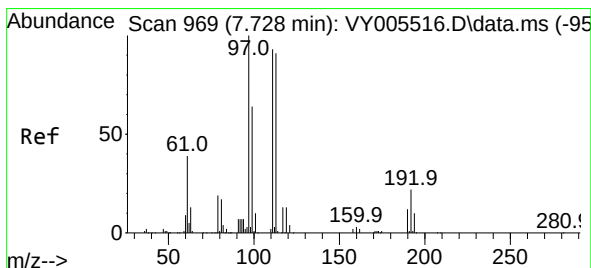
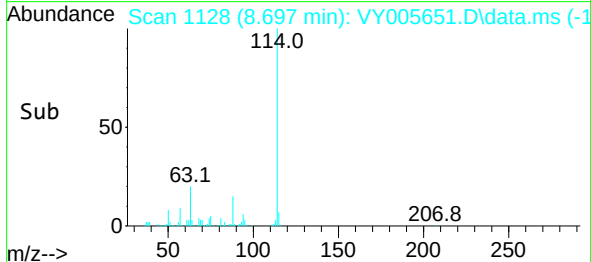
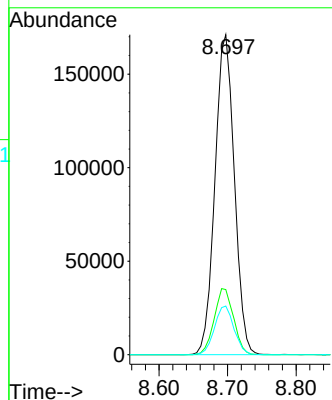
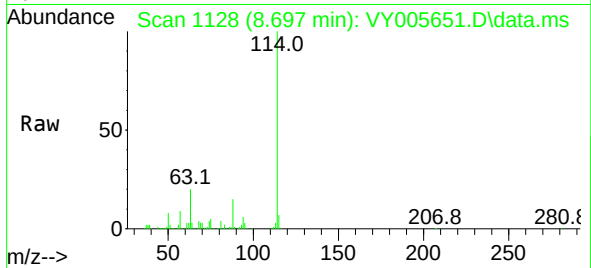




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005651.D
Acq: 13 Aug 2021 21:54

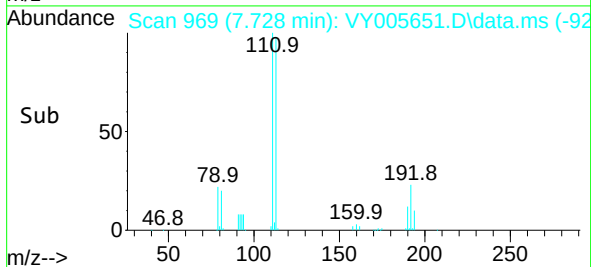
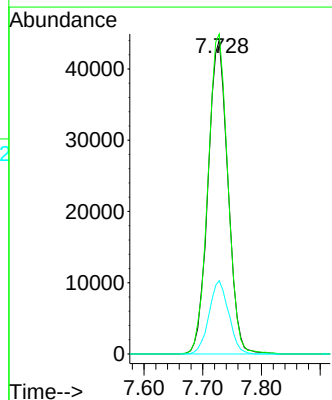
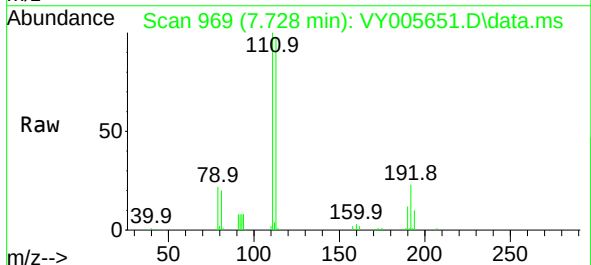
Instrument :
MSVOA_Y
ClientSampled :
27S

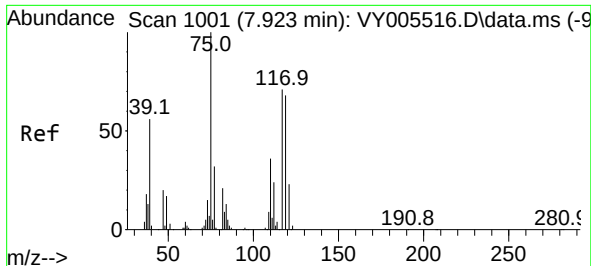
Tgt Ion:114 Resp: 335348
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.088 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005651.D
Acq: 13 Aug 2021 21:54

Tgt Ion:113 Resp: 103430
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 23.0 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.321 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005651.D

Acq: 13 Aug 2021 21:54

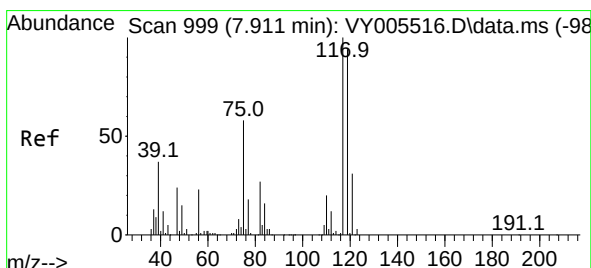
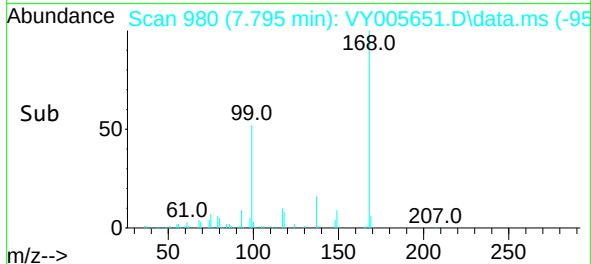
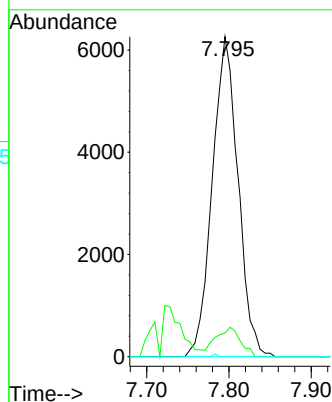
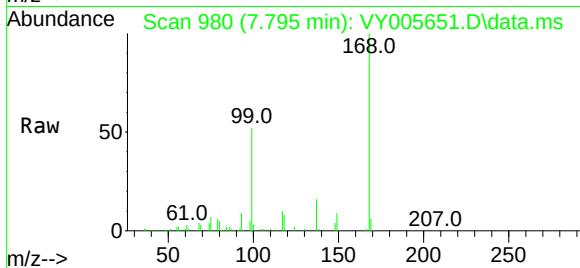
Instrument :

MSVOA_Y

ClientSampled :

27S

Tgt Ion:	75	Resp:	13591
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.1#
77	0.1	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.267 ug/l

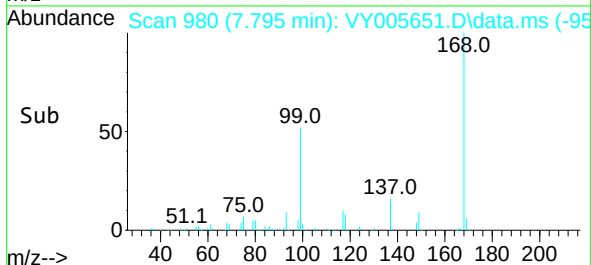
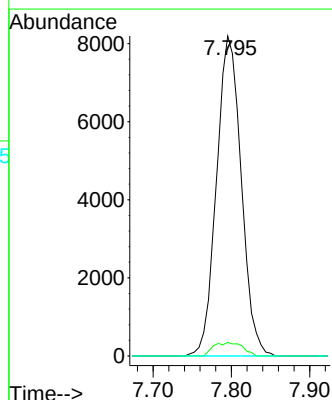
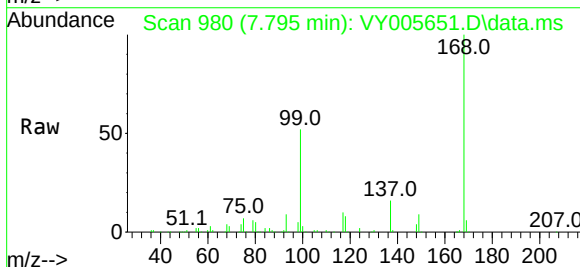
RT: 7.795 min Scan# 980

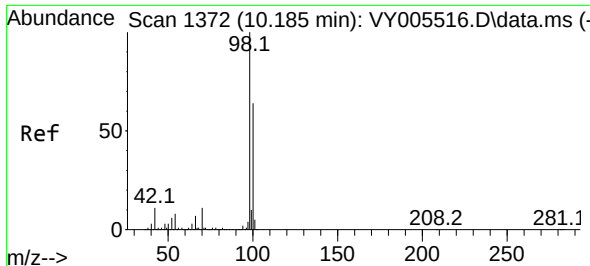
Delta R.T. -0.116 min

Lab File: VY005651.D

Acq: 13 Aug 2021 21:54

Tgt Ion:	117	Resp:	18005
Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.4	113.0#
121	0.0	25.1	37.7#

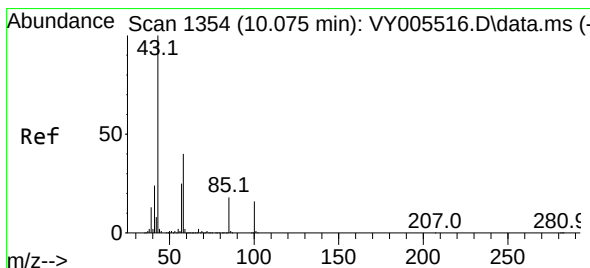
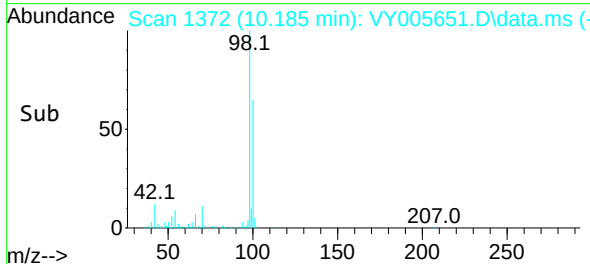
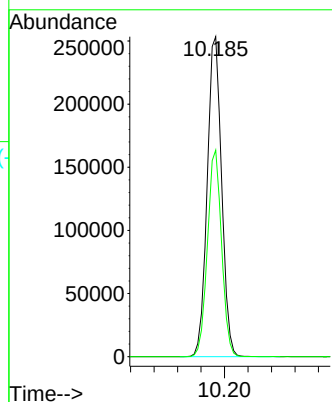
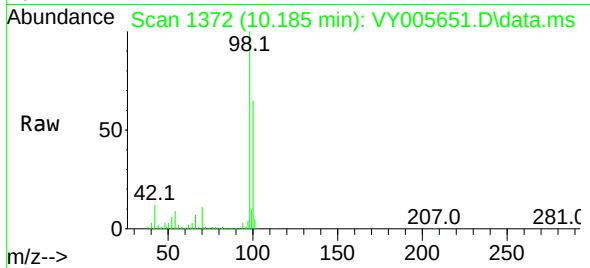




#50
Toluene-d8
Concen: 54.809 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005651.D
Acq: 13 Aug 2021 21:54

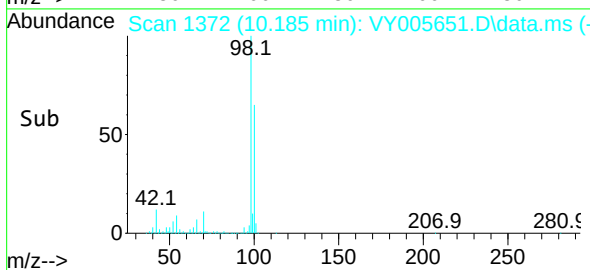
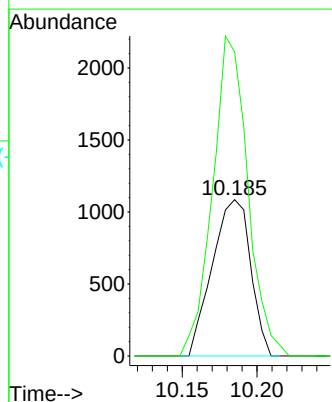
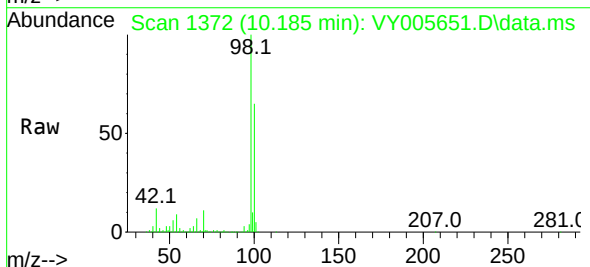
Instrument :
MSVOA_Y
ClientSampleId :
27S

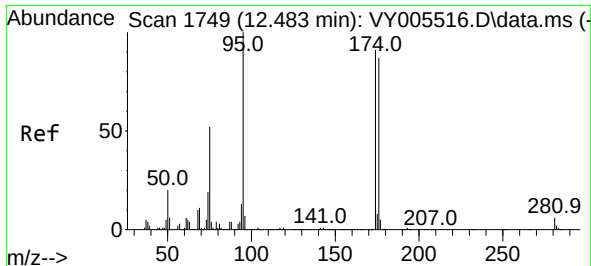
Tgt Ion: 98 Resp: 431580
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.016 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005651.D
Acq: 13 Aug 2021 21:54

Tgt Ion: 43 Resp: 1931
Ion Ratio Lower Upper
43 100
58 188.2 31.4 47.2#

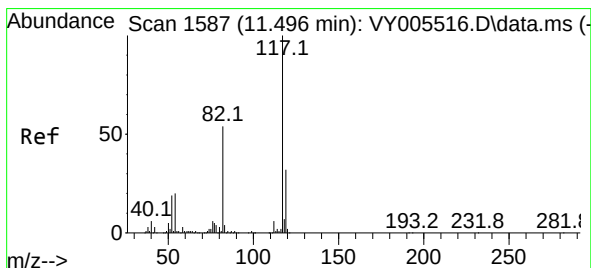
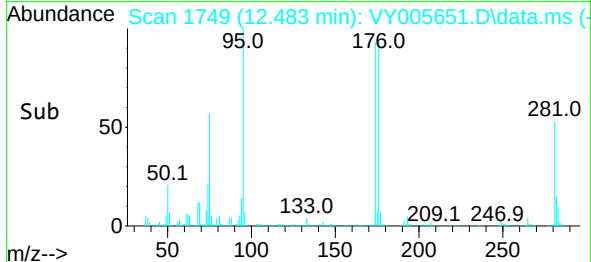
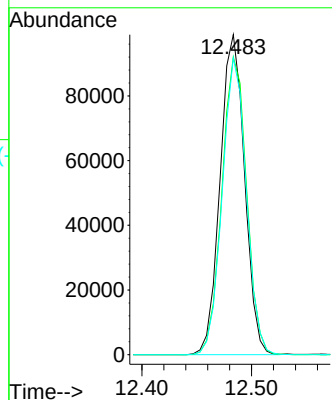
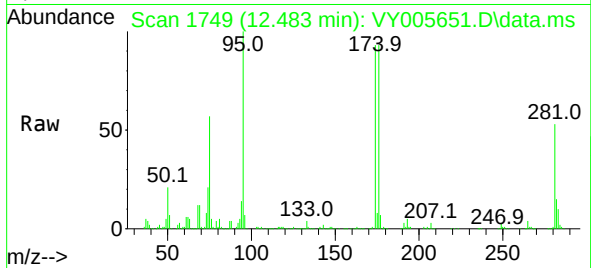




#62
4-Bromofluorobenzene
Concen: 58.692 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005651.D
Acq: 13 Aug 2021 21:54

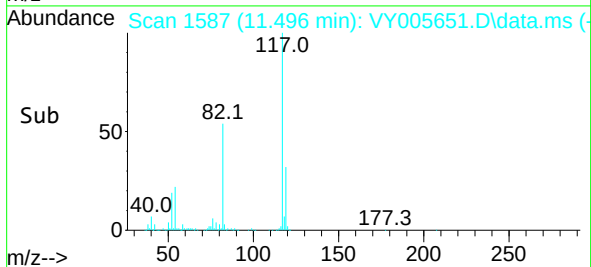
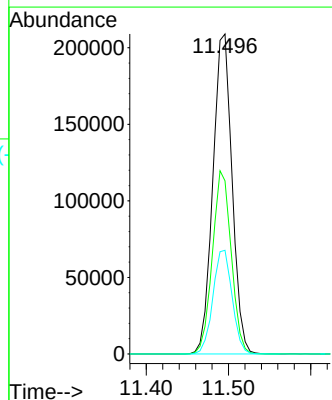
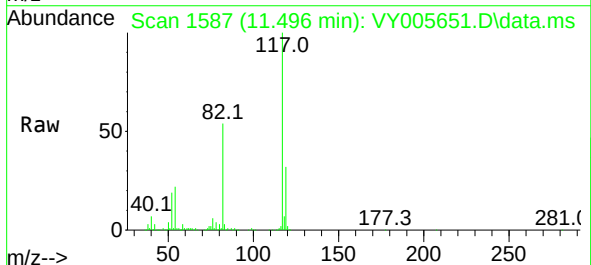
Instrument :
MSVOA_Y
ClientSampleId :
27S

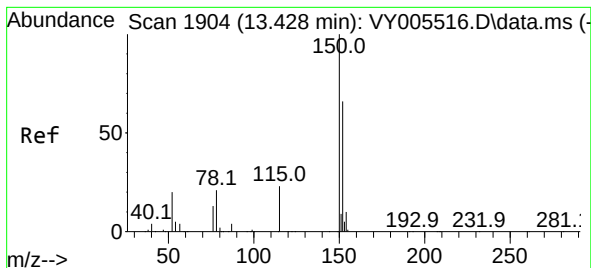
Tgt Ion: 95 Resp: 153042
Ion Ratio Lower Upper
95 100
174 93.8 0.0 191.4
176 91.4 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005651.D
Acq: 13 Aug 2021 21:54

Tgt Ion: 117 Resp: 339384
Ion Ratio Lower Upper
117 100
82 54.1 43.5 65.3
119 32.4 25.5 38.3

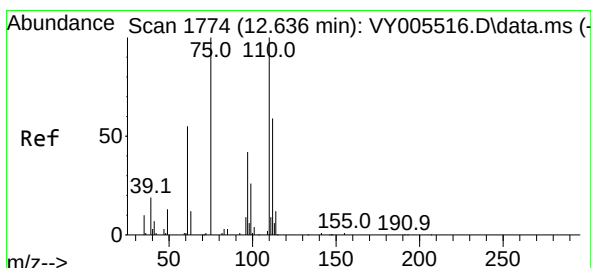
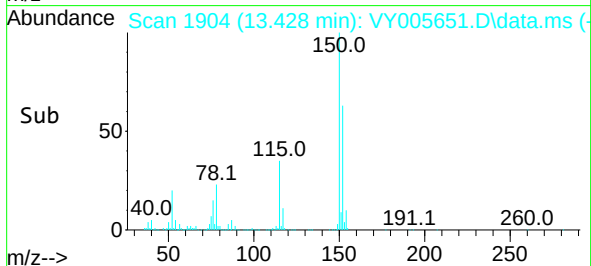
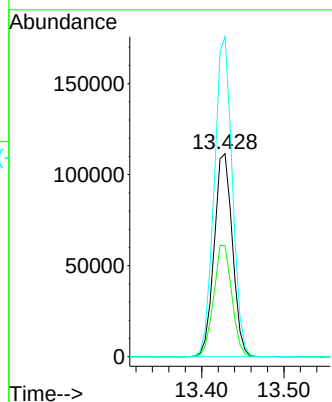
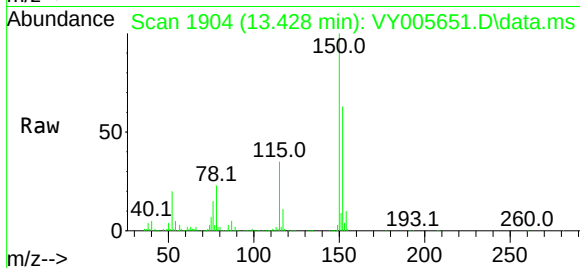




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005651.D
 Acq: 13 Aug 2021 21:54

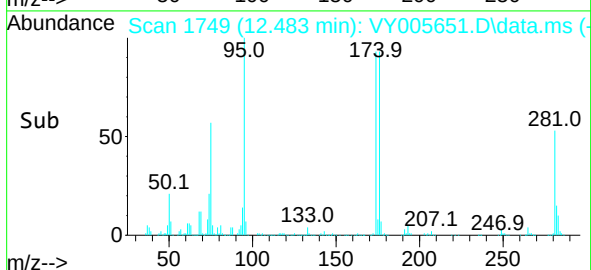
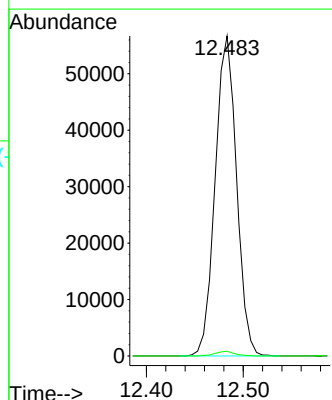
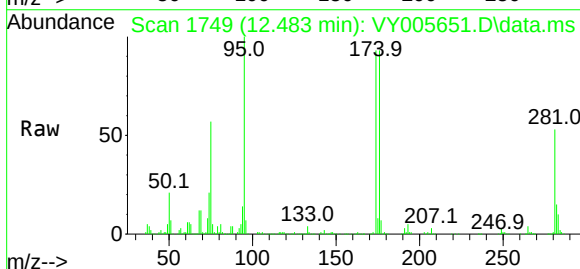
Instrument :
 MSVOA_Y
 ClientSampled :
 27S

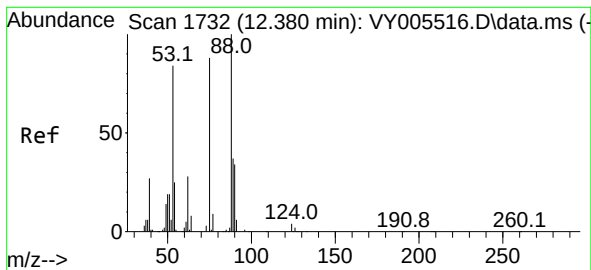
Tgt Ion:152 Resp: 171899
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.3 81.9
 150 155.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 48.766 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005651.D
 Acq: 13 Aug 2021 21:54

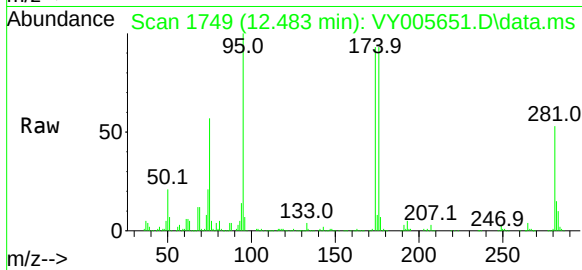
Tgt Ion: 75 Resp: 86870
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.306 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005651.D
 Acq: 13 Aug 2021 21:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 27S



Tgt Ion: 75 Resp: 86870
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.3 38.4 57.6#

