

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005501.D
 Acq On : 28 Jul 2021 19:47
 Operator : SY/MD
 Sample : M3223-01
 Misc : 5.91G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 05:36:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

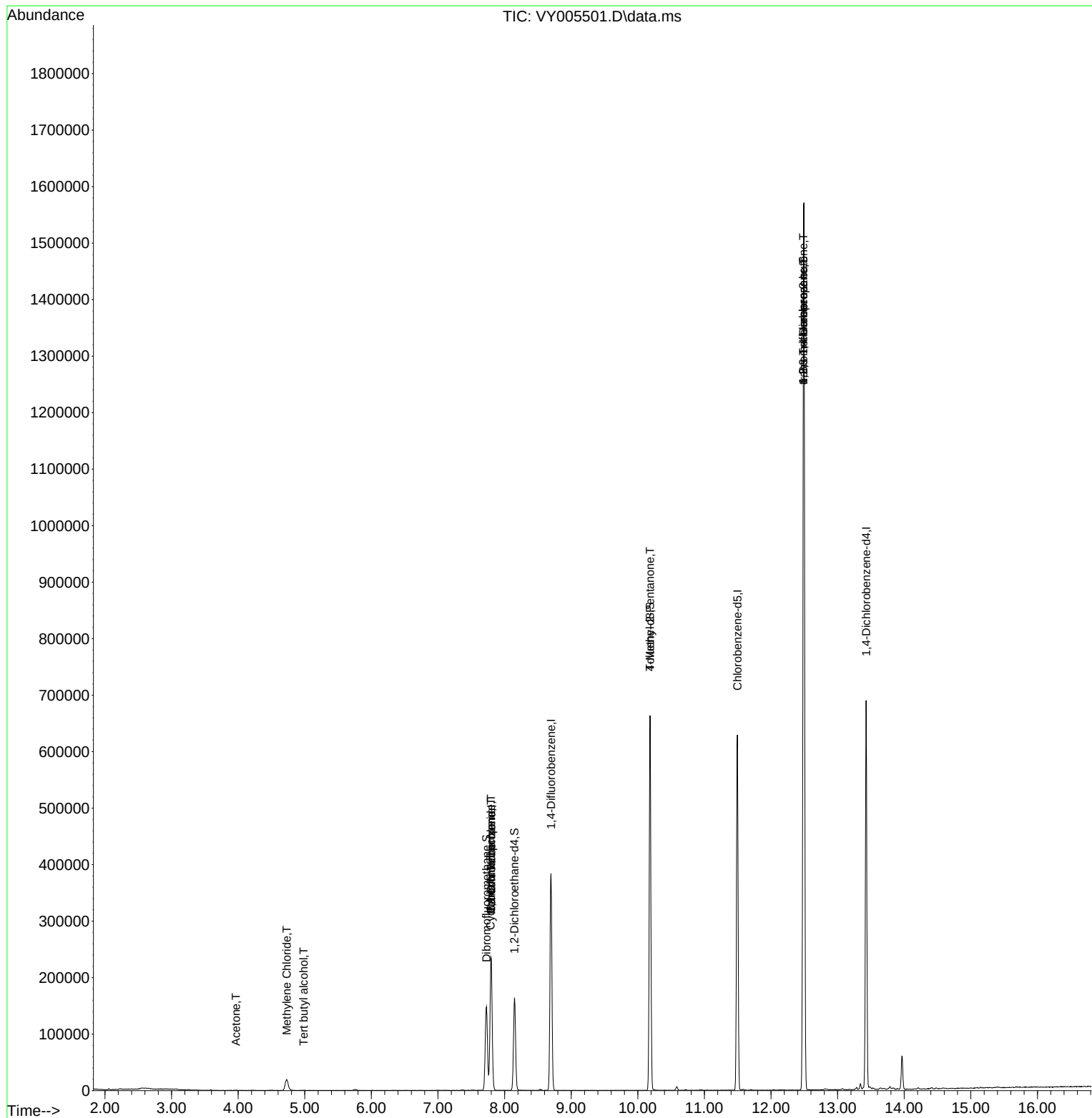
Internal Standards						
1) Pentafluorobenzene	7.801	168	193505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	330485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	339888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131371	63.548	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 127.100%		
35) Dibromofluoromethane	7.728	113	102055	53.481	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 106.960%		
50) Toluene-d8	10.185	98	422254	52.208	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.420%		
62) 4-Bromofluorobenzene	12.483	95	156356	58.574	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 117.140%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.985	59	601	3.077	ug/l #	82
16) Acetone	3.966	43	837	1.773	ug/l	90
20) Methylene Chloride	4.729	84	13985	4.068	ug/l	96
31) Cyclohexane	7.789	56	3823	1.083	ug/l #	44
36) 1,1-Dichloropropene	7.795	75	13720	4.294	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17827	5.105	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1946	1.041	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	91583	54.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91583	105.931	ug/l #	13

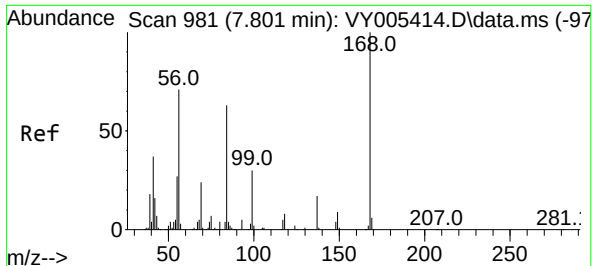
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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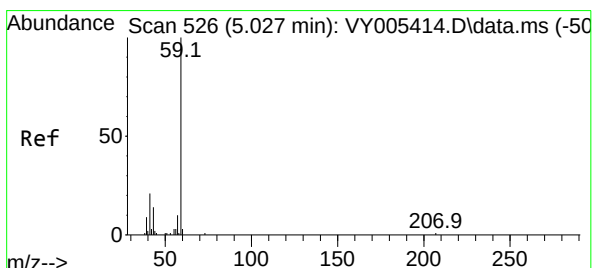
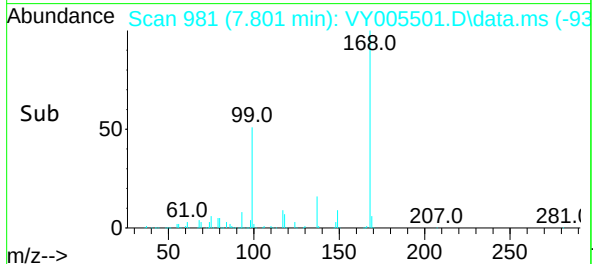
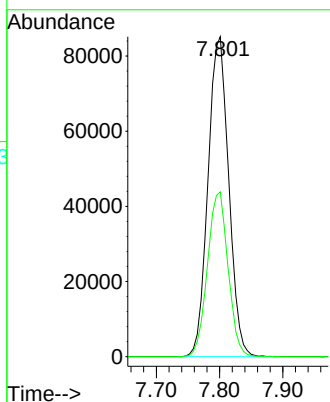
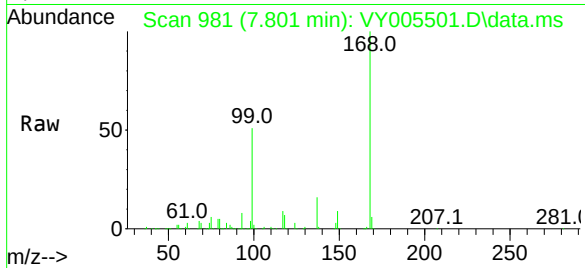




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

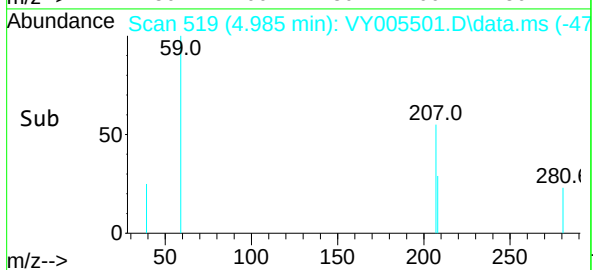
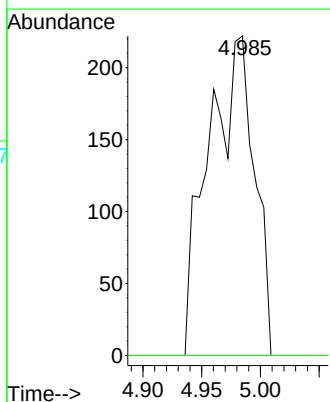
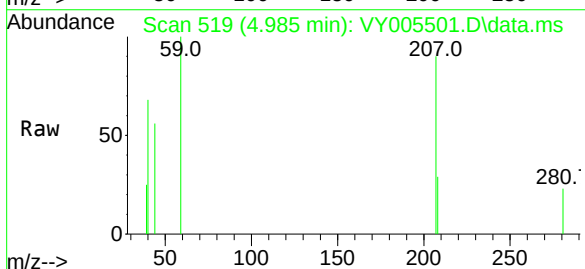
Instrument :
MSVOA_Y
ClientSampleId :

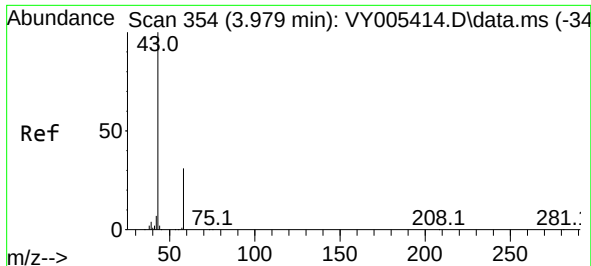
Tgt Ion:168 Resp: 193505
Ion Ratio Lower Upper
168 100
99 51.5 39.8 59.6



#11
Tert butyl alcohol
Concen: 3.077 ug/l
RT: 4.985 min Scan# 519
Delta R.T. -0.043 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

Tgt Ion: 59 Resp: 601
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

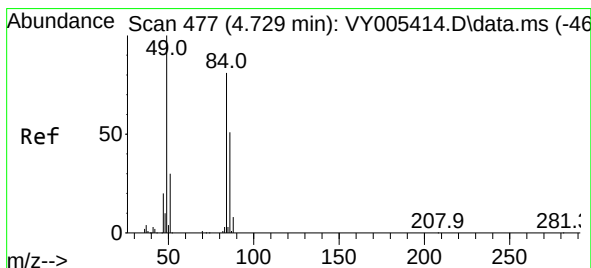
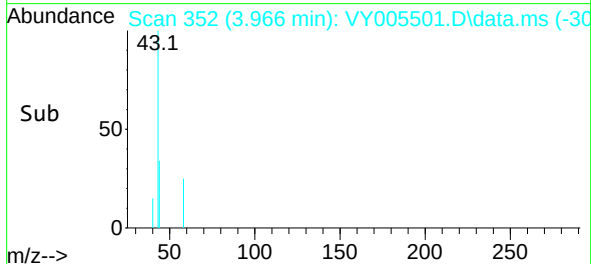
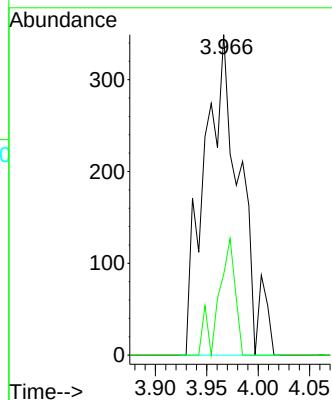
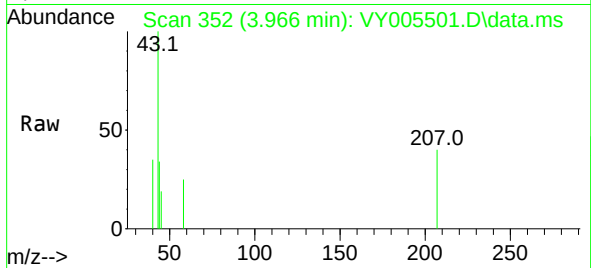




#16
Acetone
Concen: 1.773 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

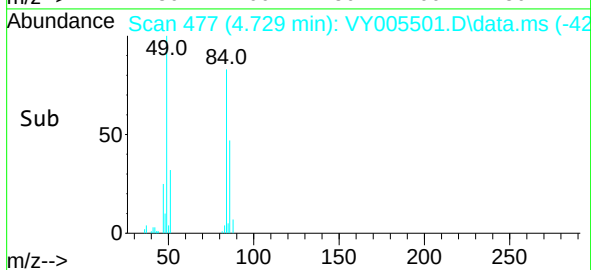
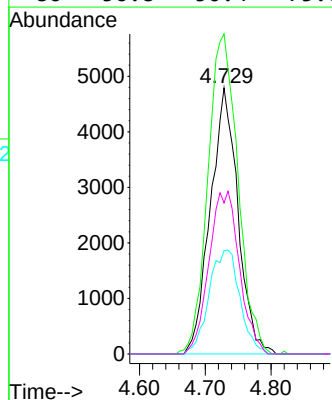
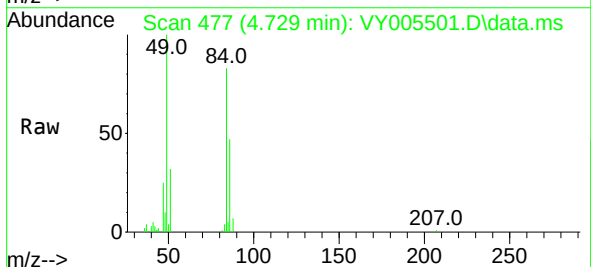
Instrument :
MSVOA_Y
ClientSampled :

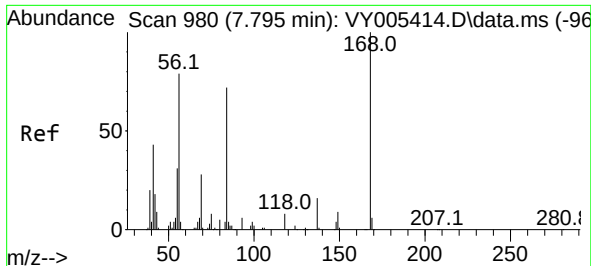
Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
58 25.2 24.5 36.7



#20
Methylene Chloride
Concen: 4.068 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

Tgt Ion: 84 Resp: 13985
Ion Ratio Lower Upper
84 100
49 120.3 98.9 148.3
51 38.9 30.0 45.0
86 56.8 50.4 75.6

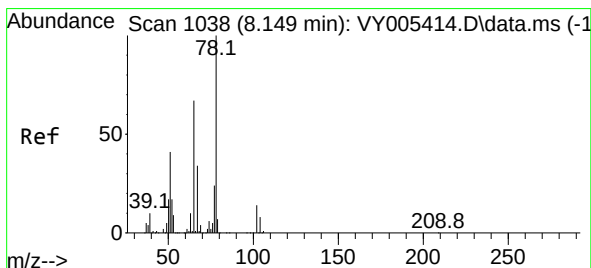
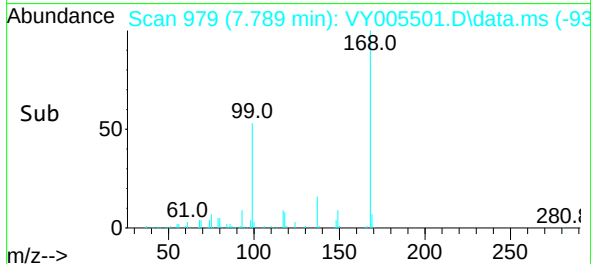
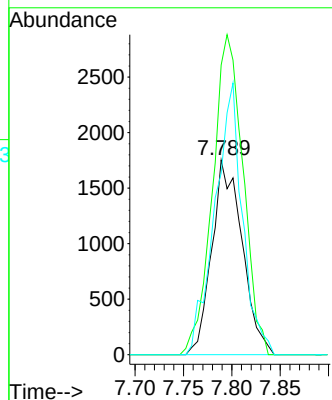
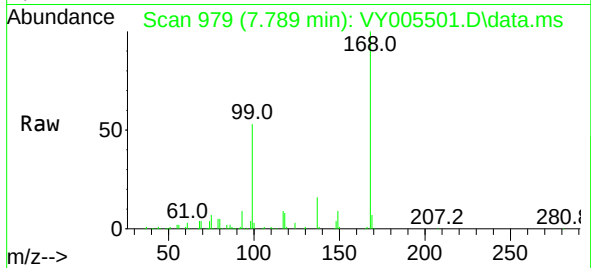




#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

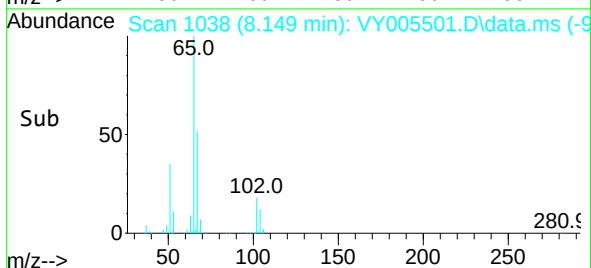
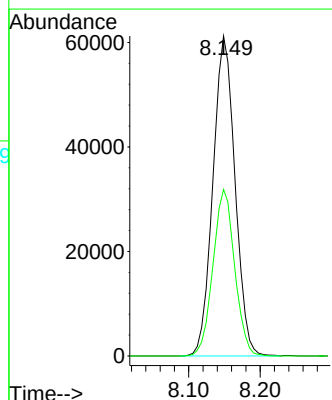
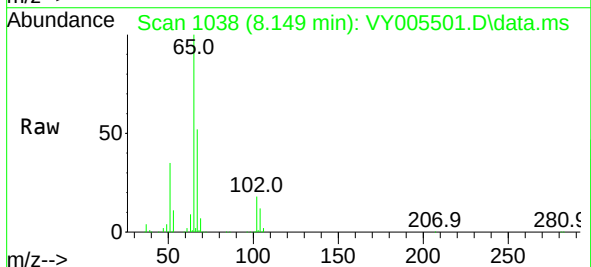
Instrument :
MSVOA_Y
ClientSampleId :

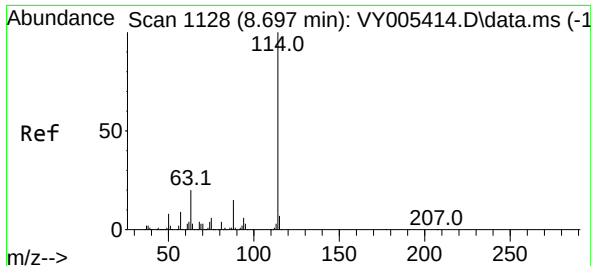
Tgt Ion: 56 Resp: 3823
Ion Ratio Lower Upper
56 100
69 148.9 28.7 43.1#
84 93.3 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 63.548 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

Tgt Ion: 65 Resp: 131371
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2

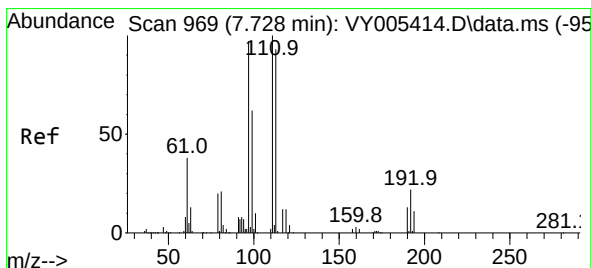
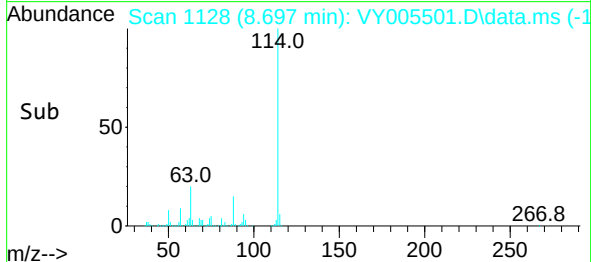
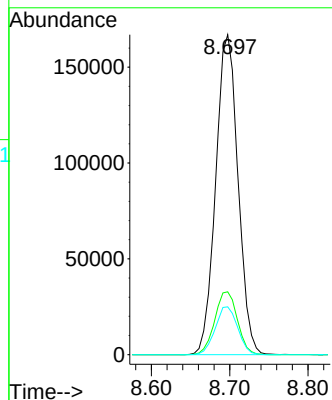
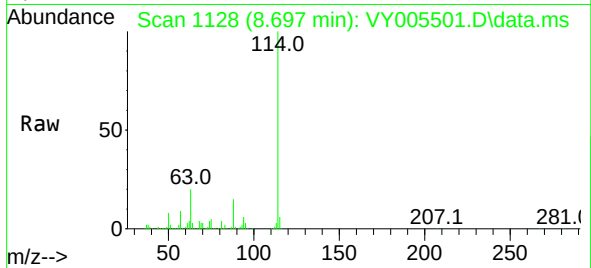




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

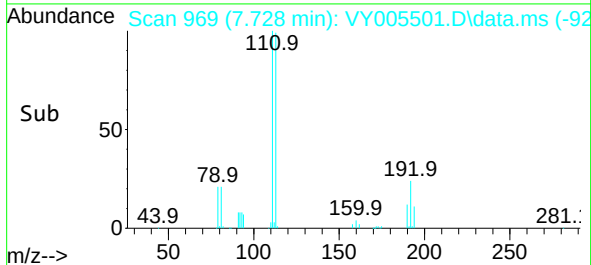
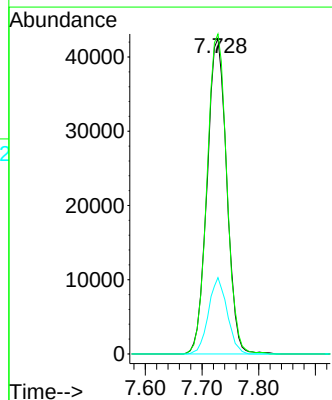
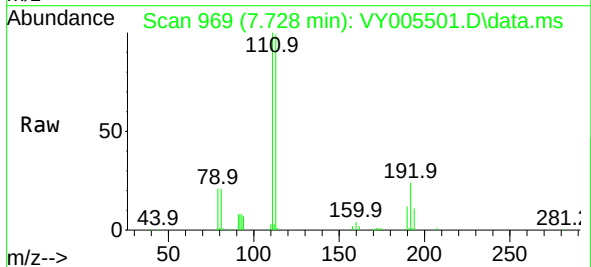
Instrument :
MSVOA_Y
ClientSampleId :

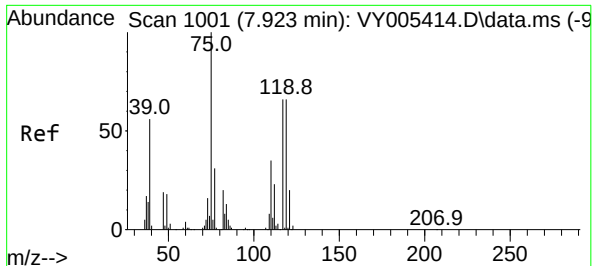
Tgt Ion:114 Resp: 330485
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.0
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.481 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

Tgt Ion:113 Resp: 102055
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 23.1 18.9 28.3





#36

1,1-Dichloropropene

Concen: 4.294 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005501.D

Acq: 28 Jul 2021 19:47

Tgt Ion: 75 Resp: 13720

Ion Ratio Lower Upper

75 100

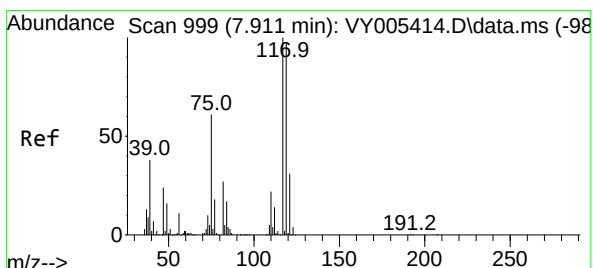
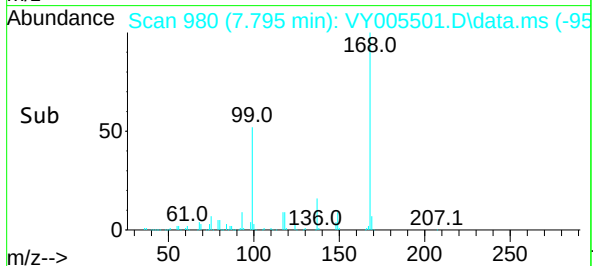
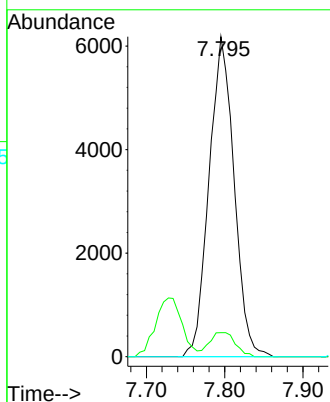
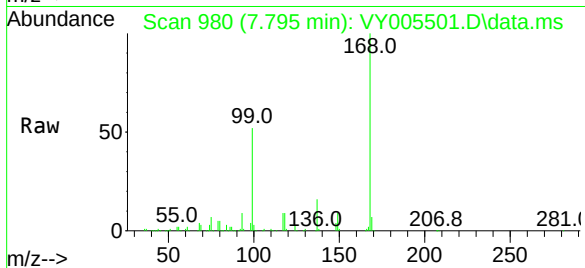
110 8.0 17.6 52.9#

77 0.0 24.6 37.0#

Instrument :

MSVOA_Y

ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.105 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005501.D

Acq: 28 Jul 2021 19:47

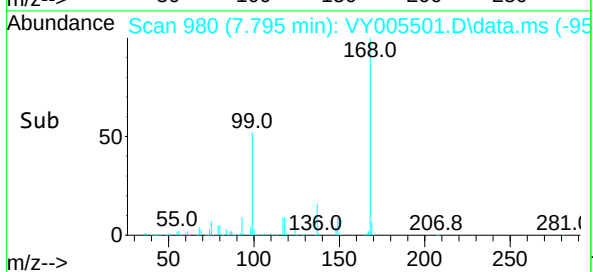
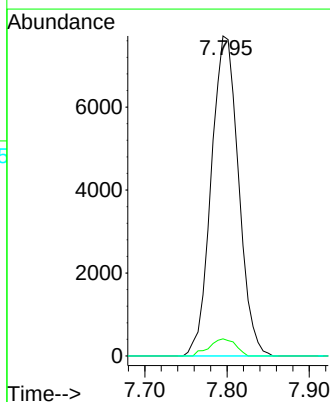
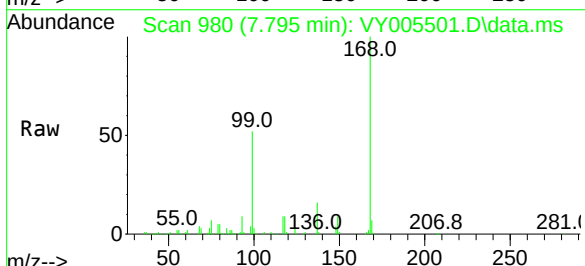
Tgt Ion: 117 Resp: 17827

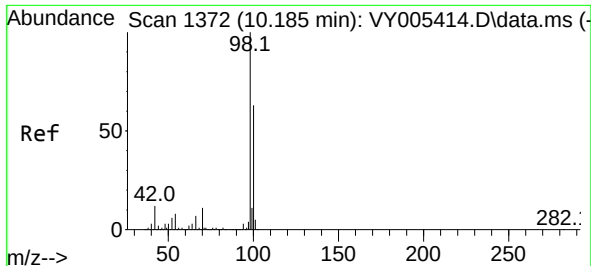
Ion Ratio Lower Upper

117 100

119 5.4 77.2 115.8#

121 0.0 25.1 37.7#

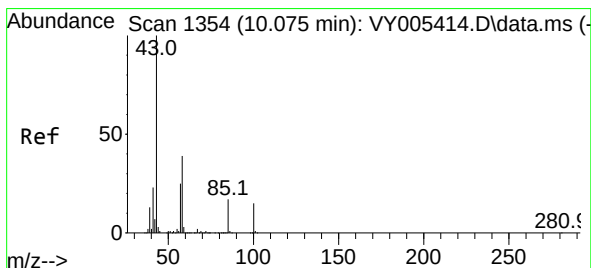
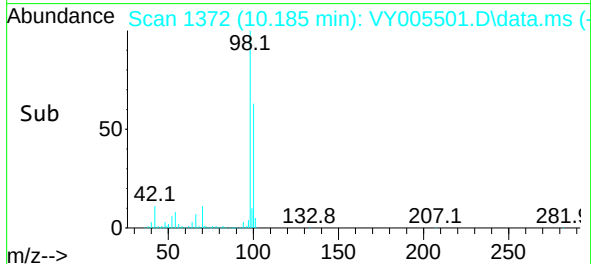
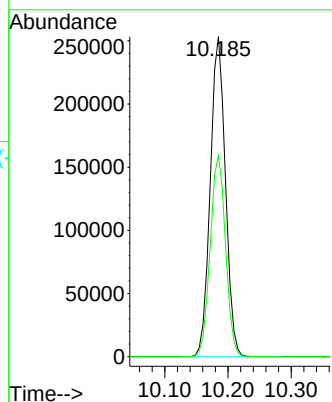
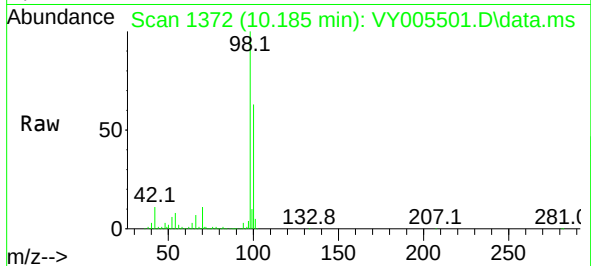




#50
Toluene-d8
Concen: 52.208 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

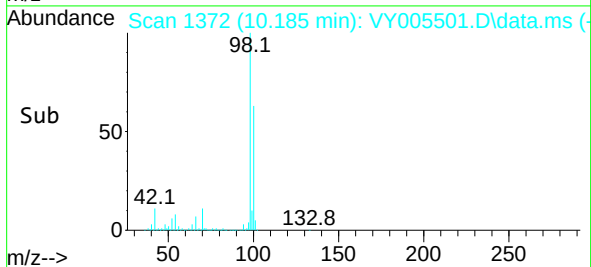
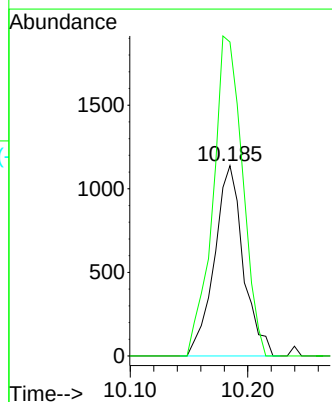
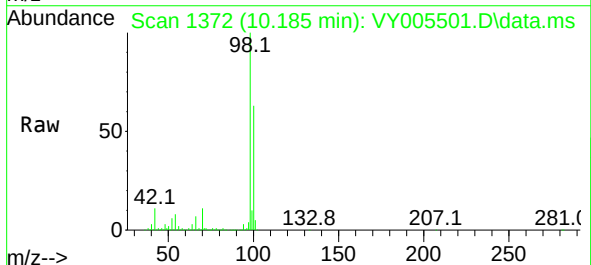
Instrument :
MSVOA_Y
ClientSampleId :

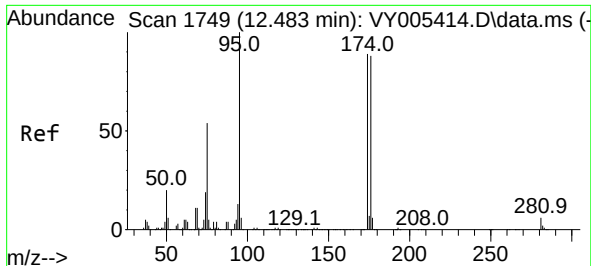
Tgt Ion: 98 Resp: 422254
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.041 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

Tgt Ion: 43 Resp: 1946
Ion Ratio Lower Upper
43 100
58 172.4 31.2 46.8#

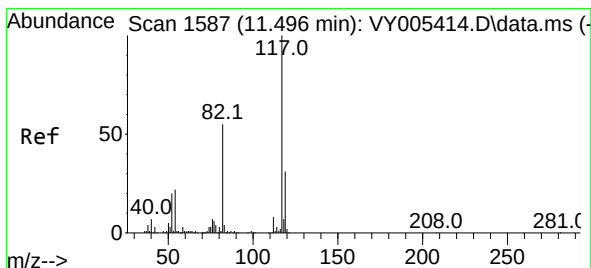
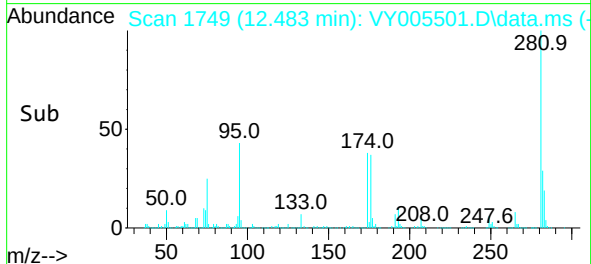
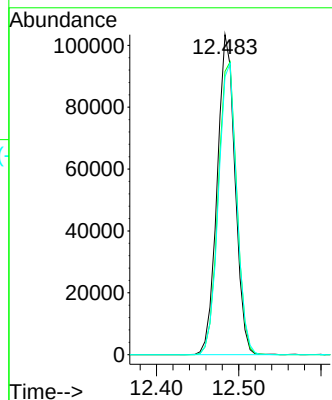
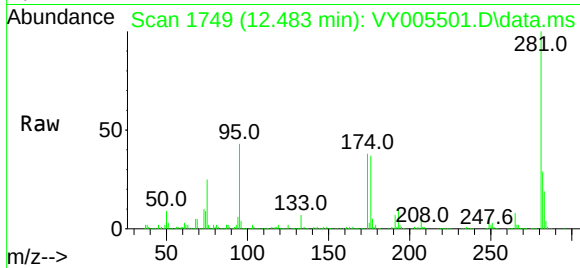




#62
4-Bromofluorobenzene
Concen: 58.574 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

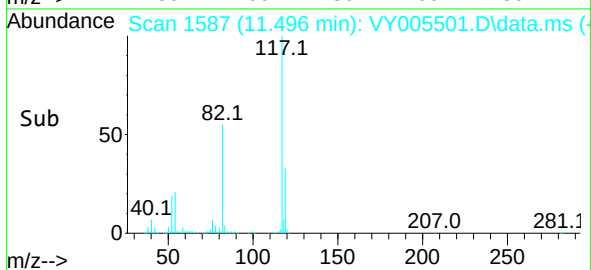
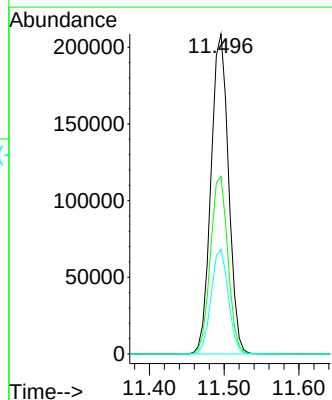
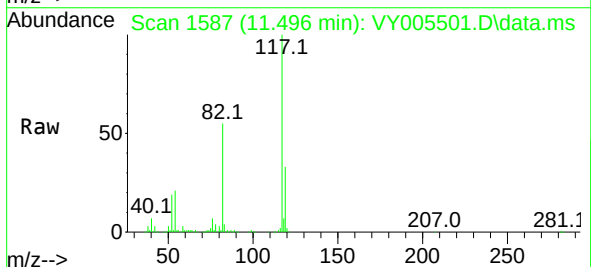
Instrument :
MSVOA_Y
ClientSampleId :

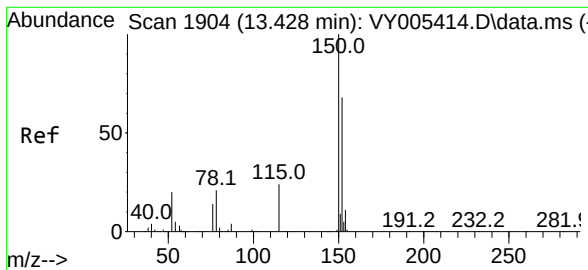
Tgt Ion: 95 Resp: 156356
Ion Ratio Lower Upper
95 100
174 94.6 0.0 186.6
176 92.9 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

Tgt Ion: 117 Resp: 339888
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.6
119 32.7 24.8 37.2

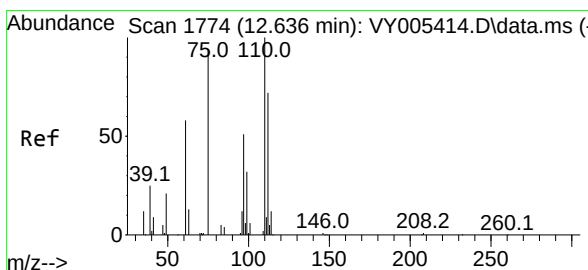
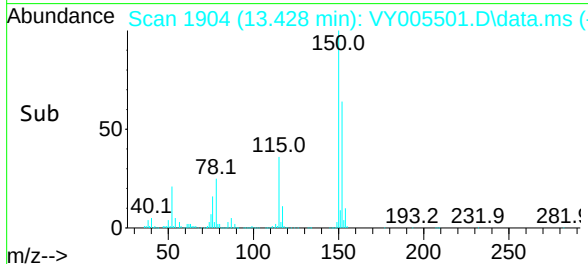
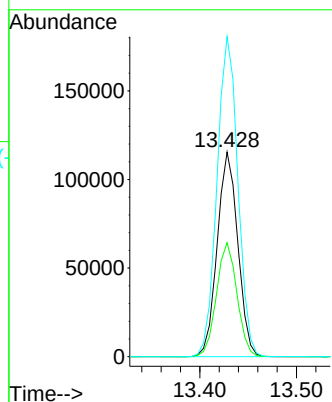
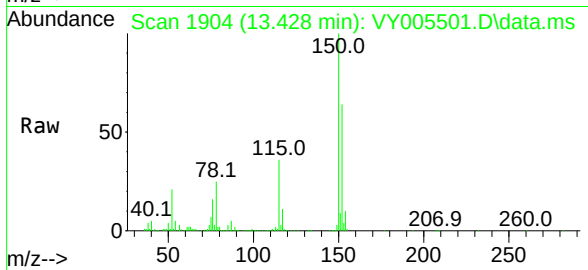




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005501.D
 Acq: 28 Jul 2021 19:47

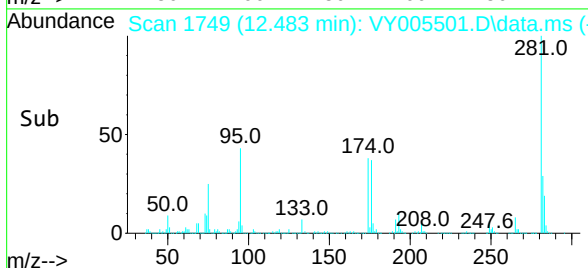
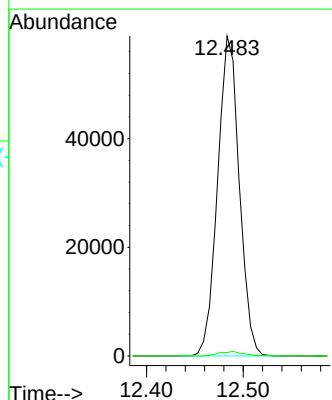
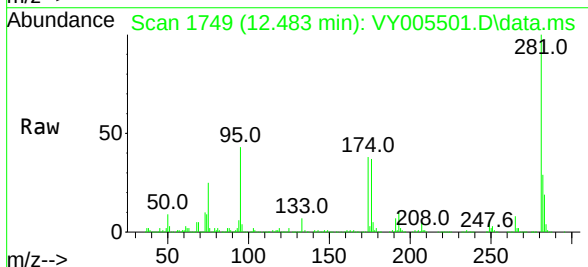
Instrument :
 MSVOA_Y
 ClientSampleId :

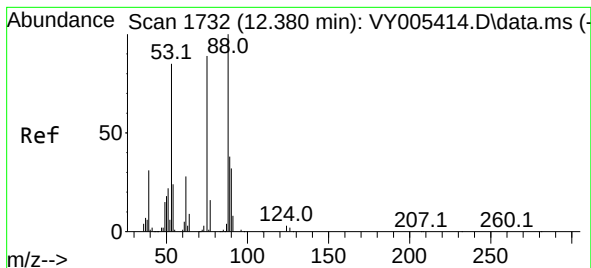
Tgt Ion:	152	Resp:	170606
Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.7	83.1
150	158.5	0.0	349.6



#76
 1,2,3-Trichloropropane
 Concen: 54.555 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005501.D
 Acq: 28 Jul 2021 19:47

Tgt Ion:	75	Resp:	91583
Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 105.931 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005501.D
Acq: 28 Jul 2021 19:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 91583
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 2.5 36.9 55.3#

