

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004838.D
 Acq On : 18 May 2021 19:43
 Operator : SY/MD
 Sample : M2433-01
 Misc : 7.94G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 19 01:07:08 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)

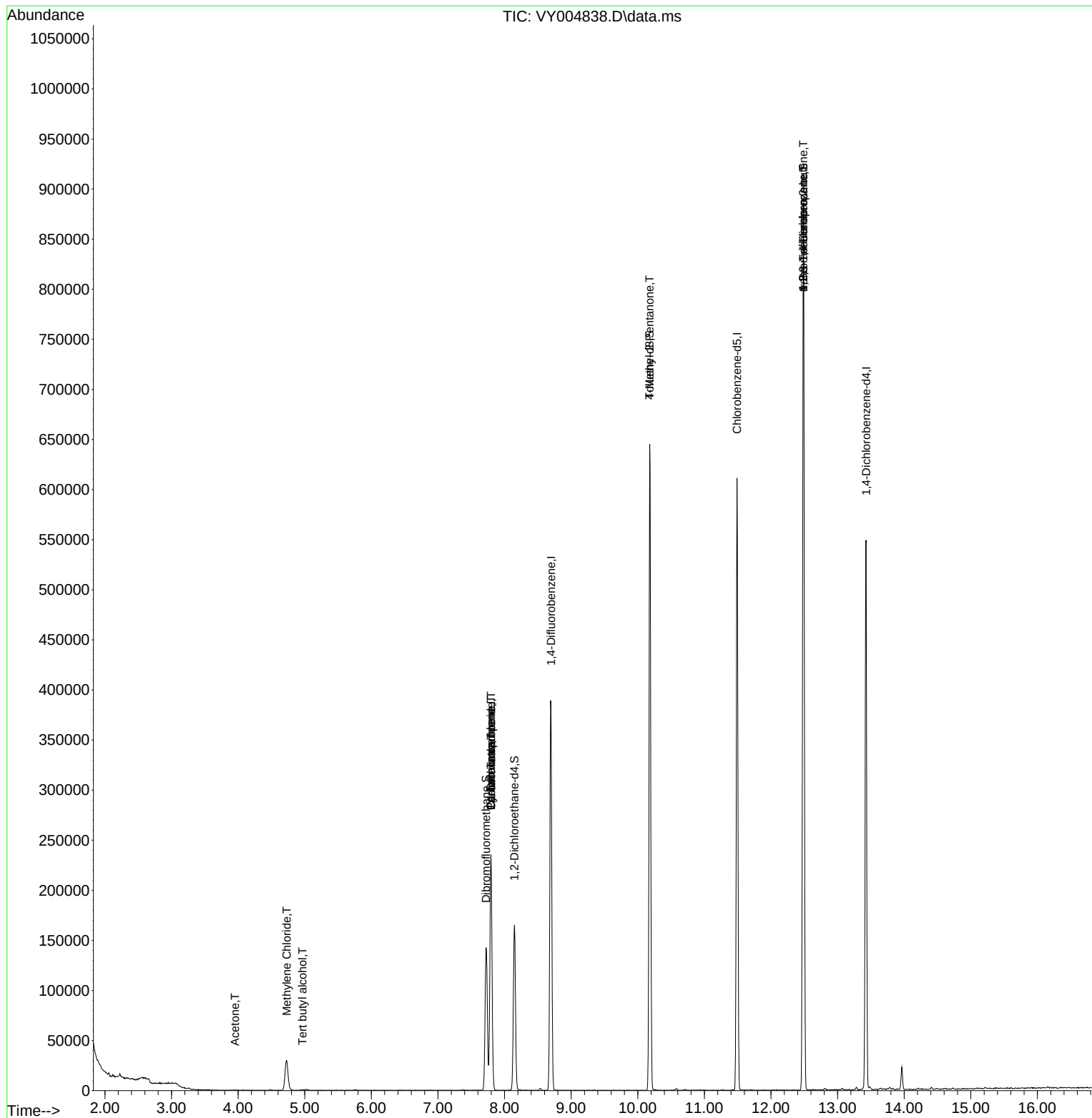
Internal Standards						
1) Pentafluorobenzene	7.795	168	174562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	320905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	309036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127745	61.48	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.96%
35) Dibromofluoromethane	7.722	113	100488	57.20	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.40%
50) Toluene-d8	10.179	98	400892	50.52	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.04%
62) 4-Bromofluorobenzene	12.483	95	141034	52.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.30%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	981	4.70	ug/l #	71
16) Acetone	3.954	43	563	1.21	ug/l #	45
20) Methylene Chloride	4.729	84	21714	1.81	ug/l	98
31) Cyclohexane	7.795	56	4479	1.33	ug/l #	5
36) 1,1-Dichloropropene	7.795	75	14768	4.49	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18056	6.11	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	2252	1.00	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	82158	57.84	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82158	100.28	ug/l #	14

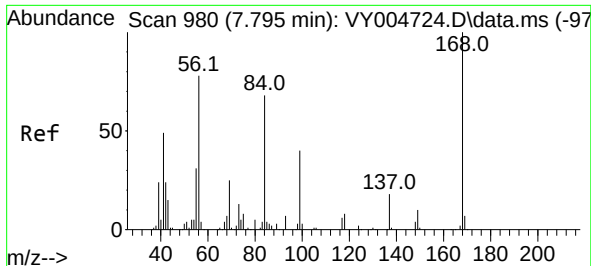
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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Quant Time: May 19 01:07:08 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

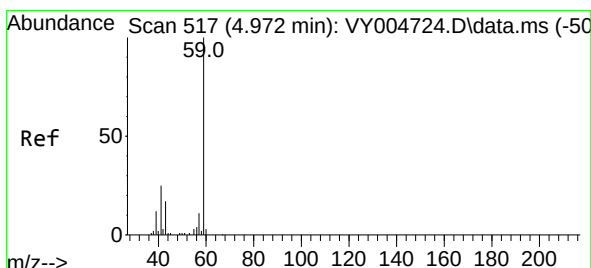
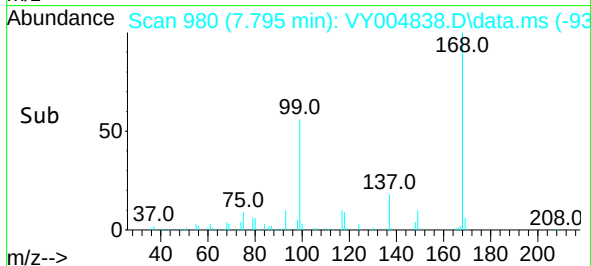
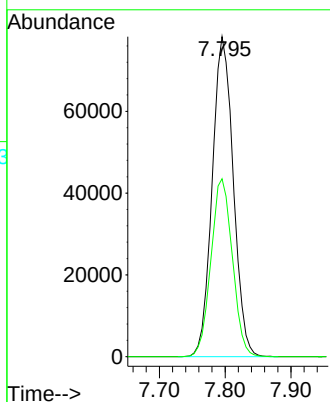
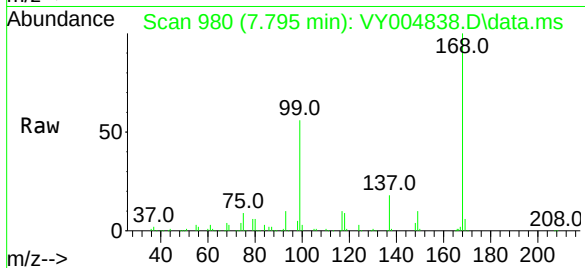




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004838.D
Acq: 18 May 2021 19:43

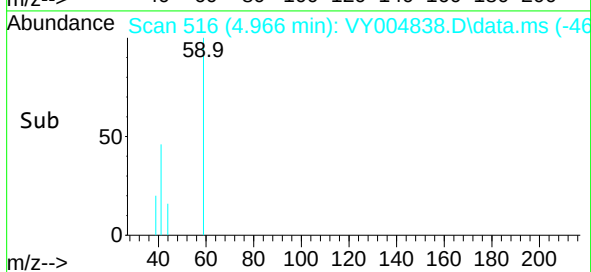
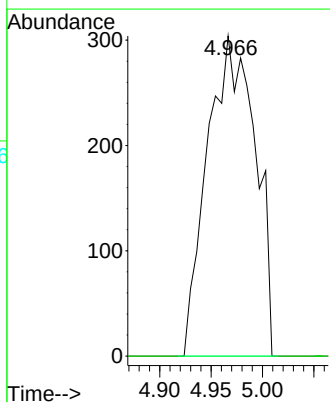
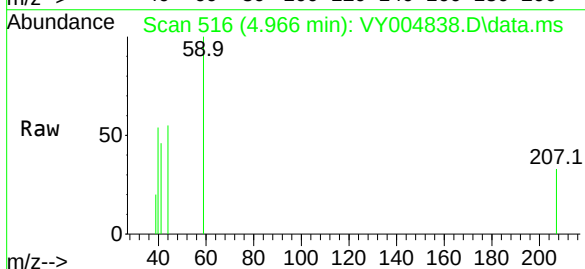
Instrument :
MSVOA_Y
ClientSampled :

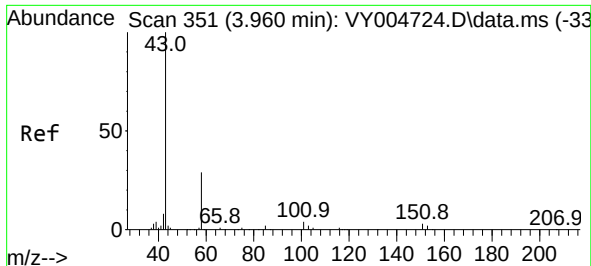
Tgt Ion:168 Resp: 174562
Ion Ratio Lower Upper
168 100
99 55.6 45.6 68.4



#11
Tert butyl alcohol
Concen: 4.70 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004838.D
Acq: 18 May 2021 19:43

Tgt Ion: 59 Resp: 981
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

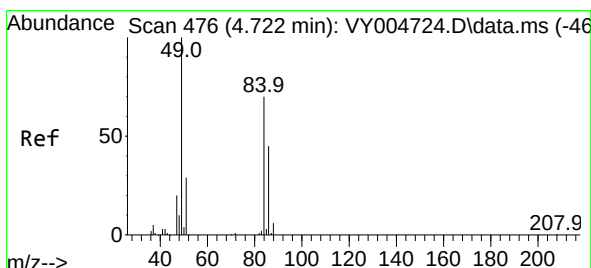
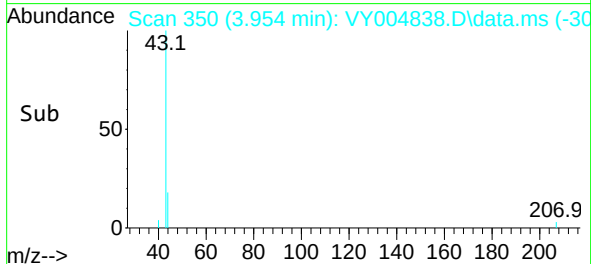
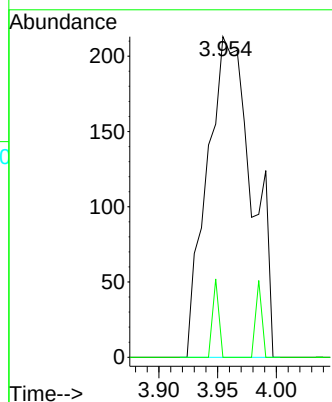
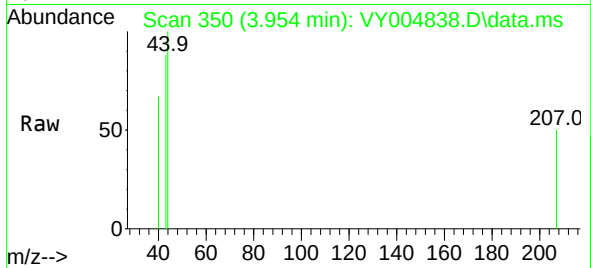




#16
Acetone
Concen: 1.21 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004838.D
Acq: 18 May 2021 19:43

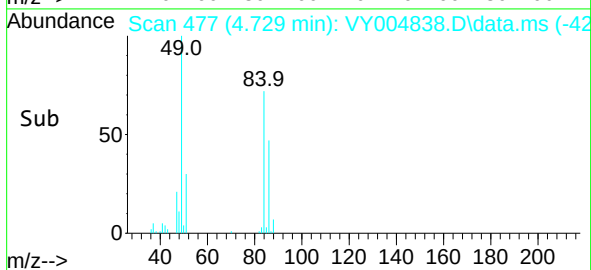
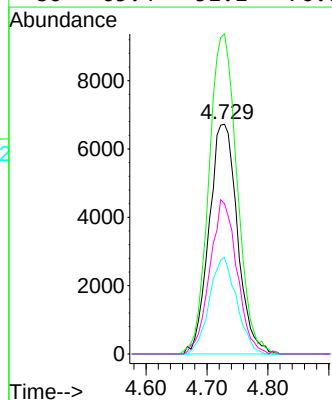
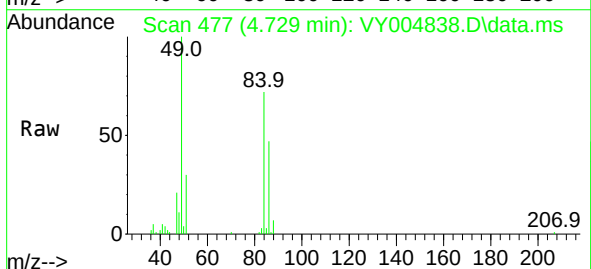
Instrument :
MSVOA_Y
ClientSampled :

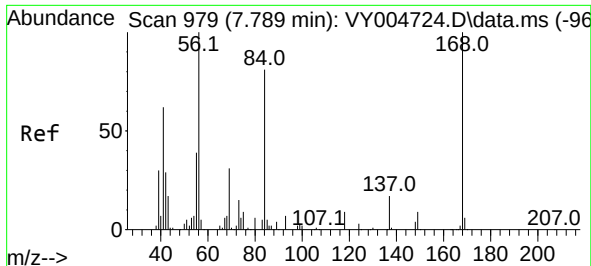
Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#



#20
Methylene Chloride
Concen: 1.81 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004838.D
Acq: 18 May 2021 19:43

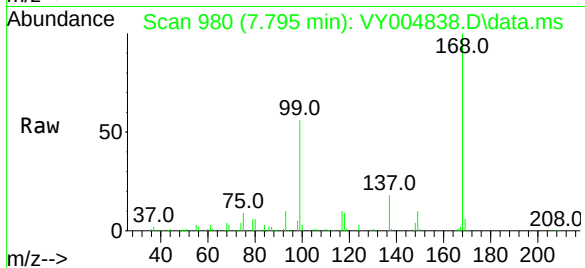
Tgt Ion: 84 Resp: 21714
Ion Ratio Lower Upper
84 100
49 139.3 113.8 170.8
51 42.0 33.5 50.3
86 65.4 51.1 76.7



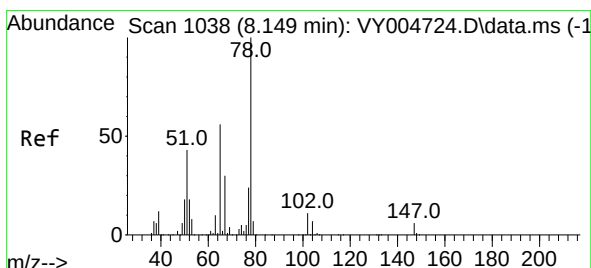
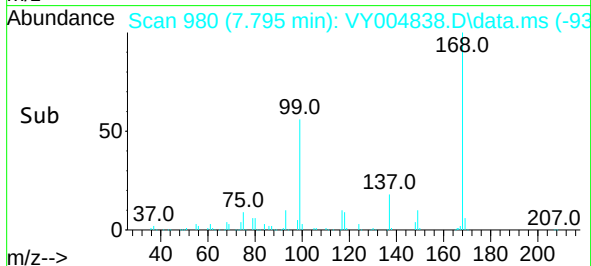
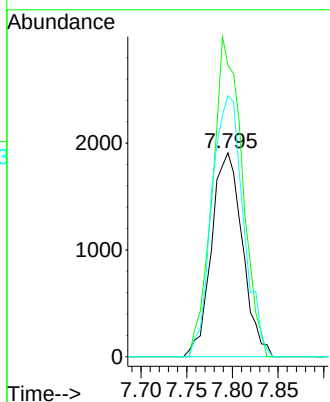


#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004838.D
Acq: 18 May 2021 19:43

Instrument :
MSVOA_Y
ClientSampled :

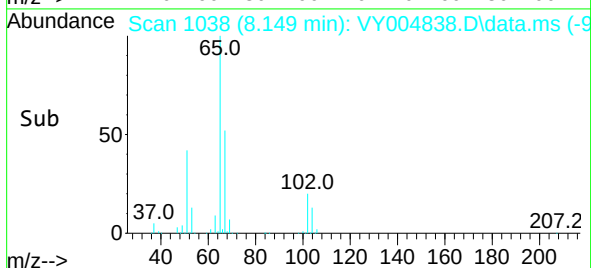
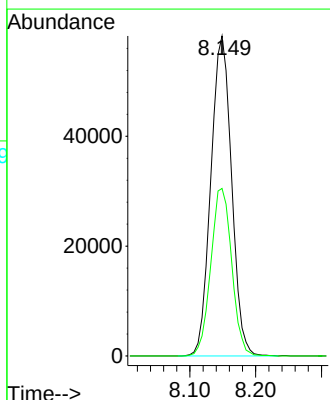
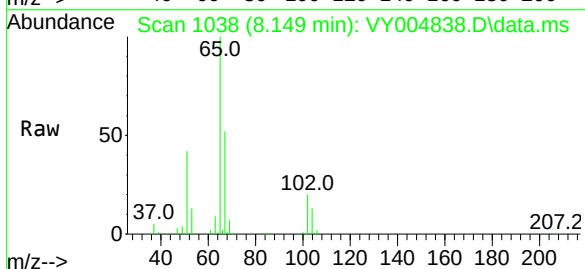


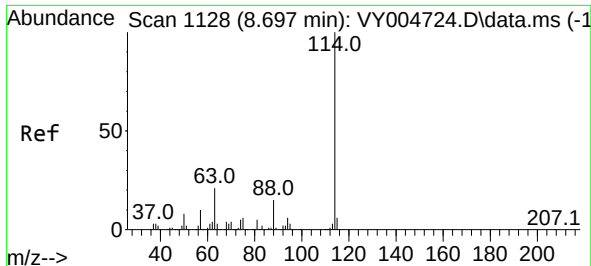
Tgt Ion: 56 Resp: 4479
Ion Ratio Lower Upper
56 100
69 143.0 24.4 36.6#
84 128.0 64.8 97.2#



#33
1,2-Dichloroethane-d4
Concen: 61.48 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004838.D
Acq: 18 May 2021 19:43

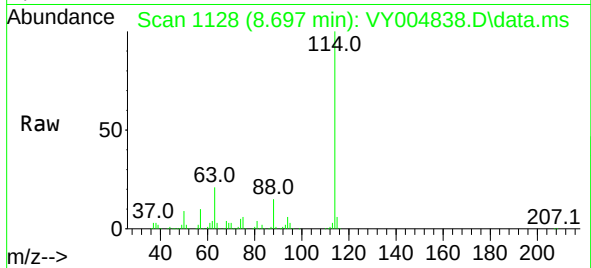
Tgt Ion: 65 Resp: 127745
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.0



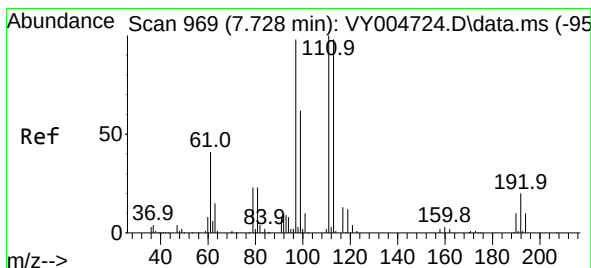
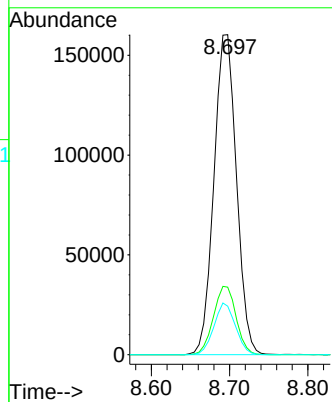
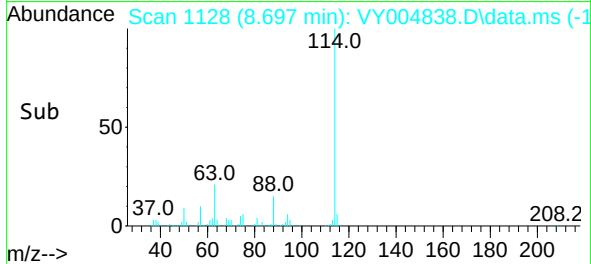


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004838.D
Acq: 18 May 2021 19:43

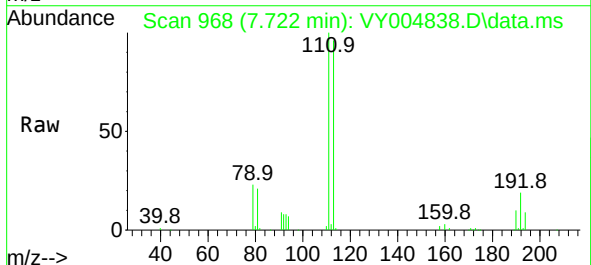
Instrument :
MSVOA_Y
ClientSampled :



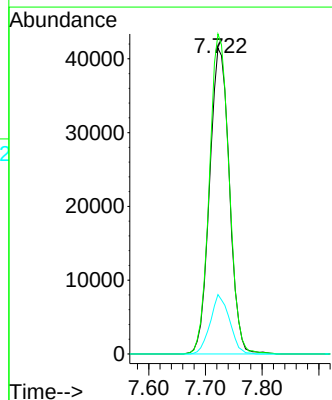
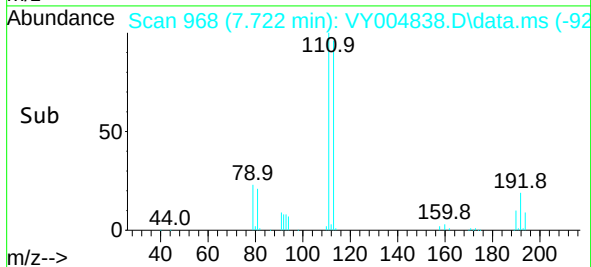
Tgt Ion:114 Resp: 320905
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.8
88 15.2 0.0 31.0

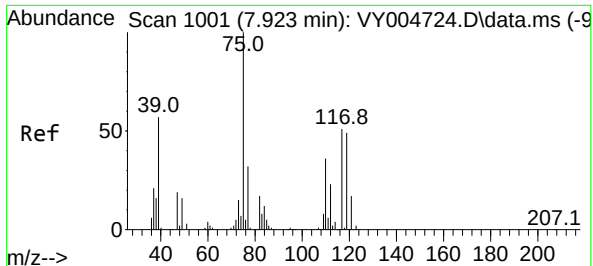


#35
Dibromofluoromethane
Concen: 57.20 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004838.D
Acq: 18 May 2021 19:43



Tgt Ion:113 Resp: 100488
Ion Ratio Lower Upper
113 100
111 104.0 80.5 120.7
192 18.9 15.0 22.6





#36

1,1-Dichloropropene

Concen: 4.49 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY004838.D

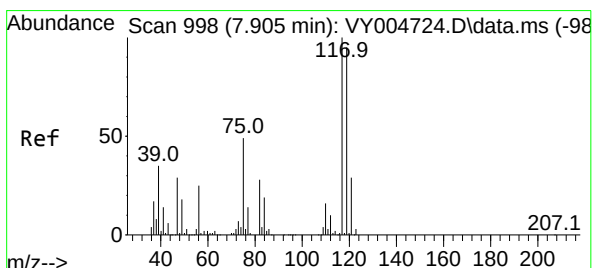
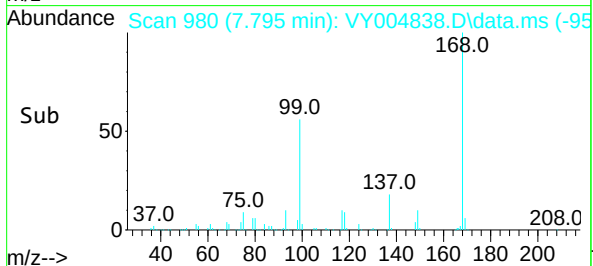
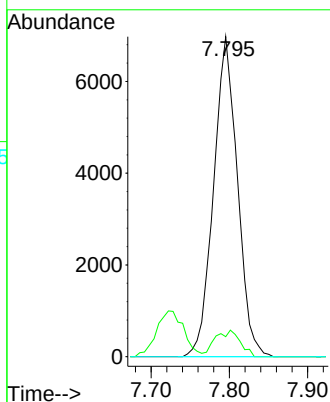
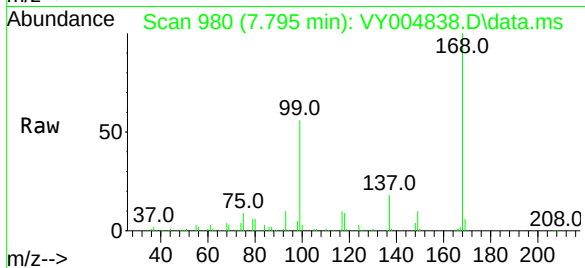
Acq: 18 May 2021 19:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 14768
Ion Ratio	Lower Upper
75 100	
110 8.7	17.0 50.9#
77 0.0	25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.11 ug/l

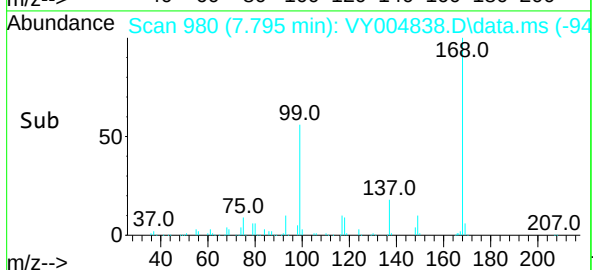
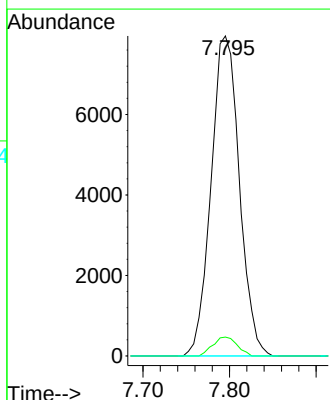
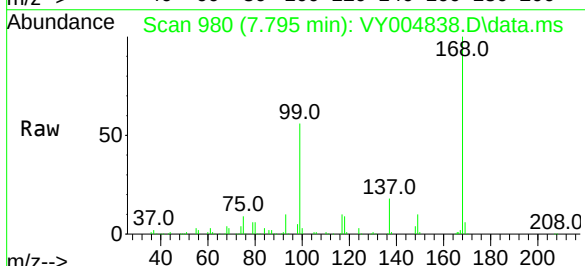
RT: 7.795 min Scan# 980

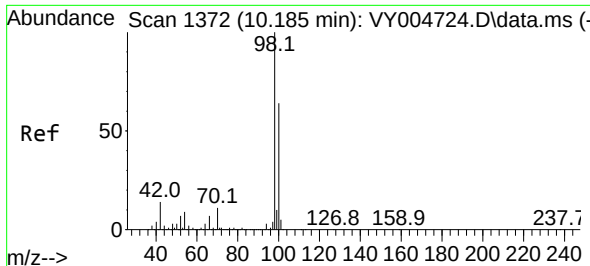
Delta R.T. -0.110 min

Lab File: VY004838.D

Acq: 18 May 2021 19:43

Tgt Ion: 117	Resp: 18056
Ion Ratio	Lower Upper
117 100	
119 5.9	76.3 114.5#
121 0.0	23.0 34.6#

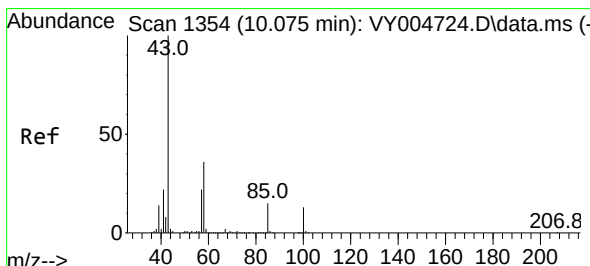
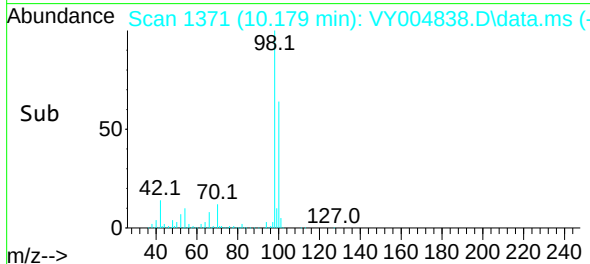
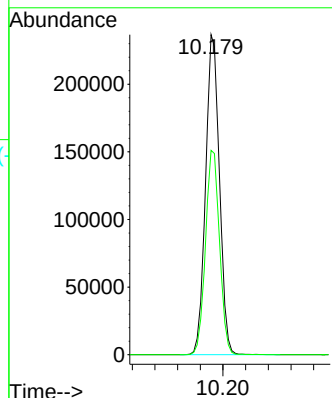
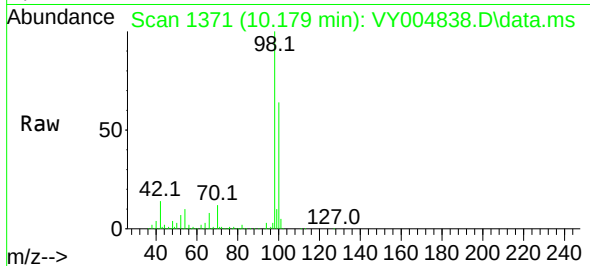




#50
Toluene-d8
Concen: 50.52 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004838.D
Acq: 18 May 2021 19:43

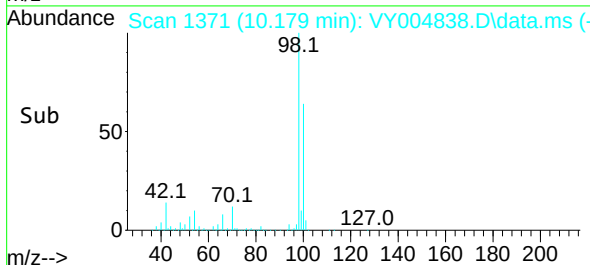
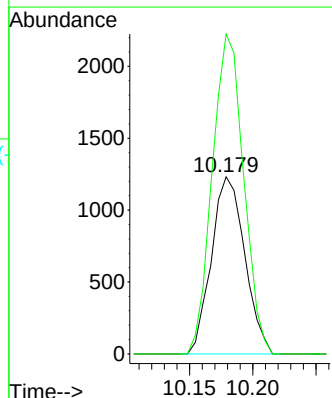
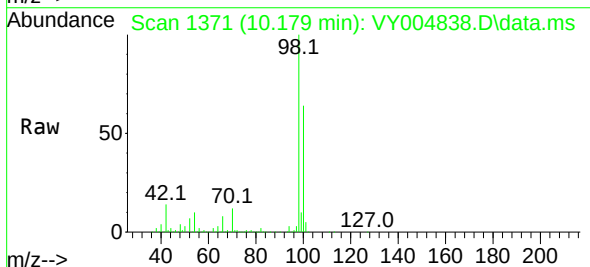
Instrument :
MSVOA_Y
ClientSampled :

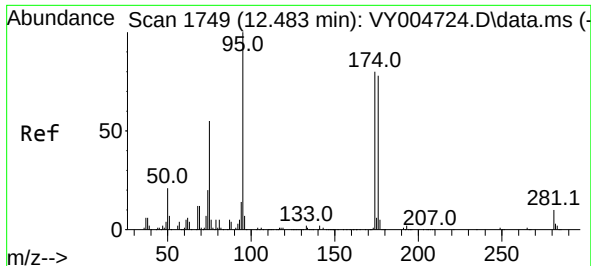
Tgt Ion: 98 Resp: 400892
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.00 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004838.D
Acq: 18 May 2021 19:43

Tgt Ion: 43 Resp: 2252
Ion Ratio Lower Upper
43 100
58 170.1 28.7 43.1#

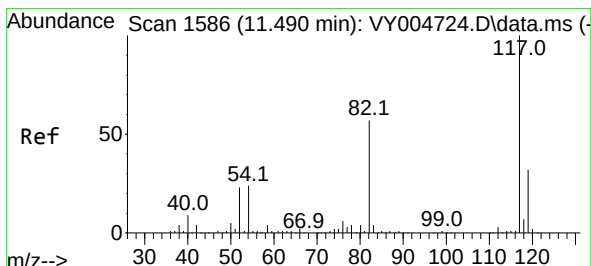
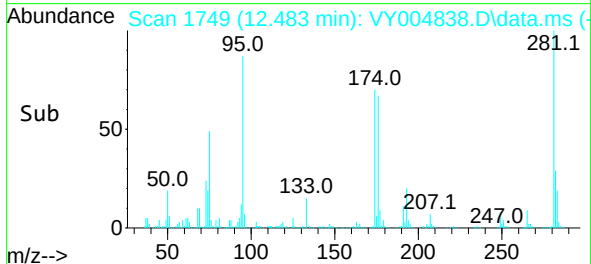
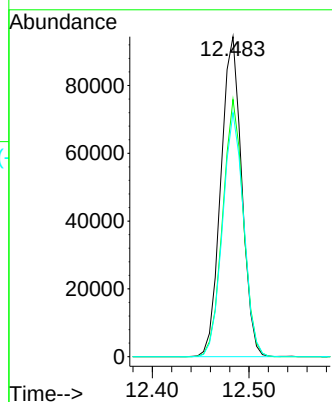
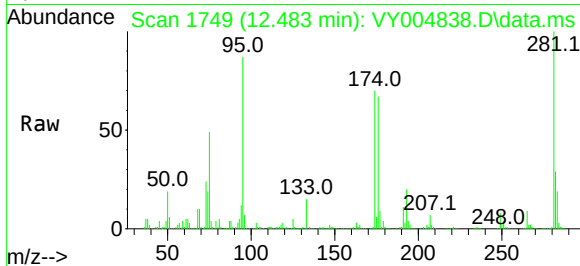




#62
4-Bromofluorobenzene
Concen: 52.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004838.D
Acq: 18 May 2021 19:43

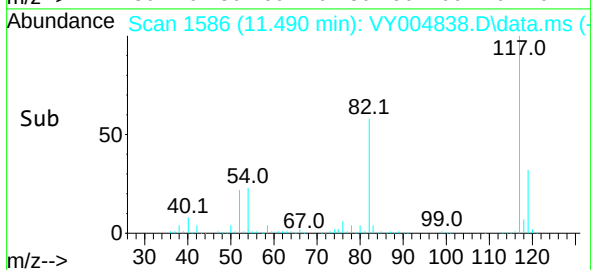
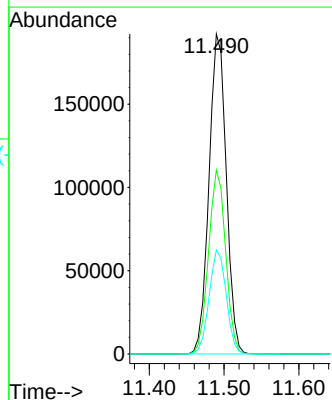
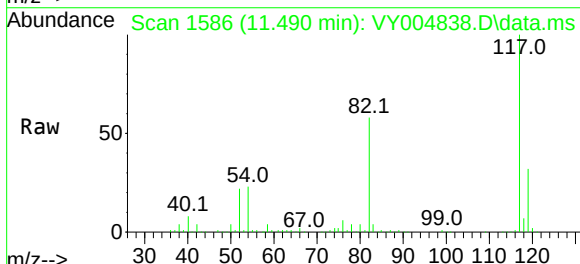
Instrument :
MSVOA_Y
ClientSampleId :

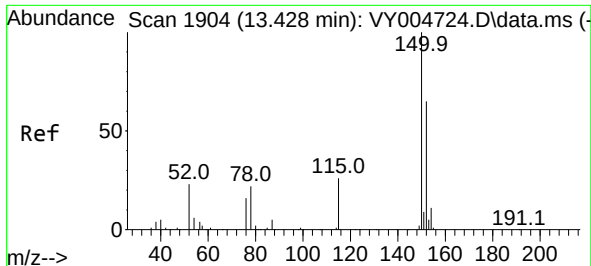
Tgt Ion: 95 Resp: 141034
Ion Ratio Lower Upper
95 100
174 79.5 0.0 164.2
176 77.0 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004838.D
Acq: 18 May 2021 19:43

Tgt Ion: 117 Resp: 309036
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.2
119 32.5 25.8 38.6

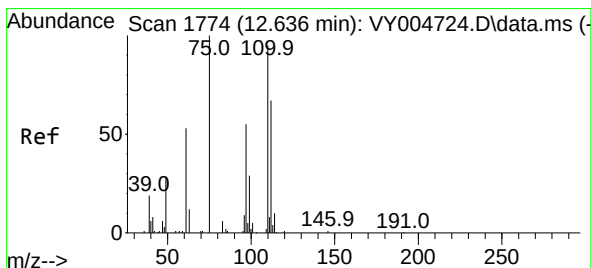
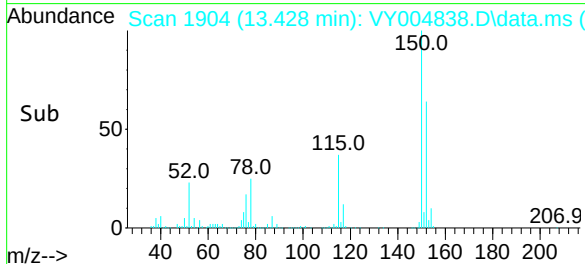
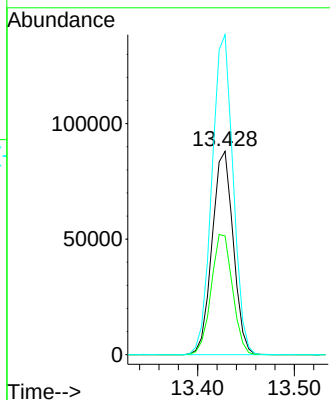
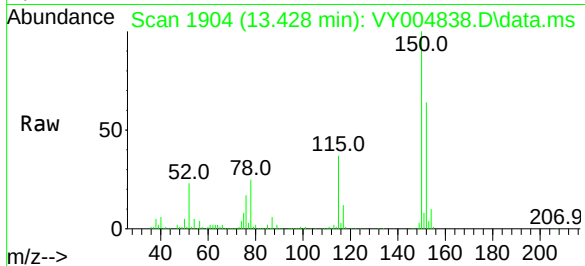




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004838.D
 Acq: 18 May 2021 19:43

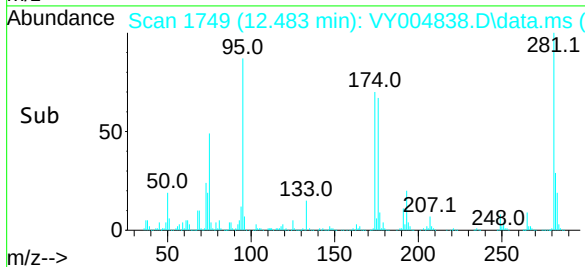
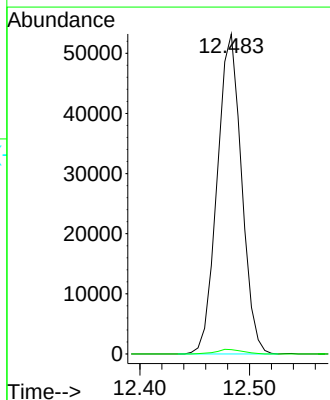
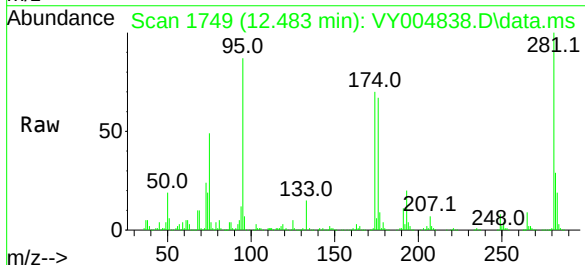
Instrument :
 MSVOA_Y
 ClientSampled :

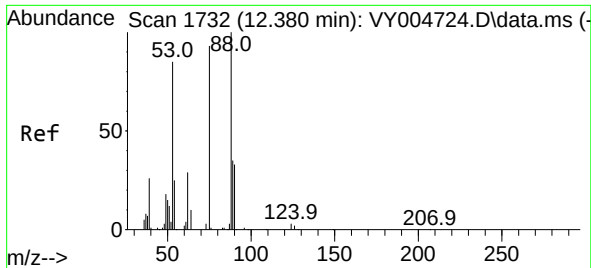
Tgt Ion:152 Resp: 133742
 Ion Ratio Lower Upper
 152 100
 115 59.7 29.4 88.3
 150 157.5 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 57.84 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004838.D
 Acq: 18 May 2021 19:43

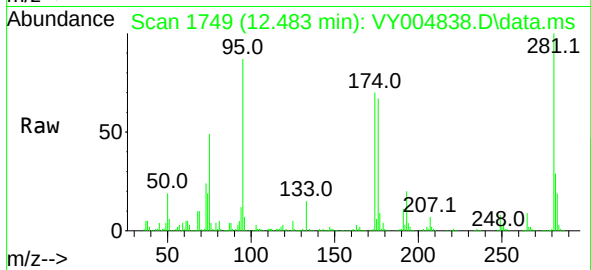
Tgt Ion: 75 Resp: 82158
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.28 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004838.D
 Acq: 18 May 2021 19:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 82158
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.9 110.9#
 89 2.3 35.5 53.3#

