

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004476.D
 Acq On : 16 Apr 2021 17:42
 Operator : SY/MD
 Sample : M2048-01RE
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Apr 17 00:56:41 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)

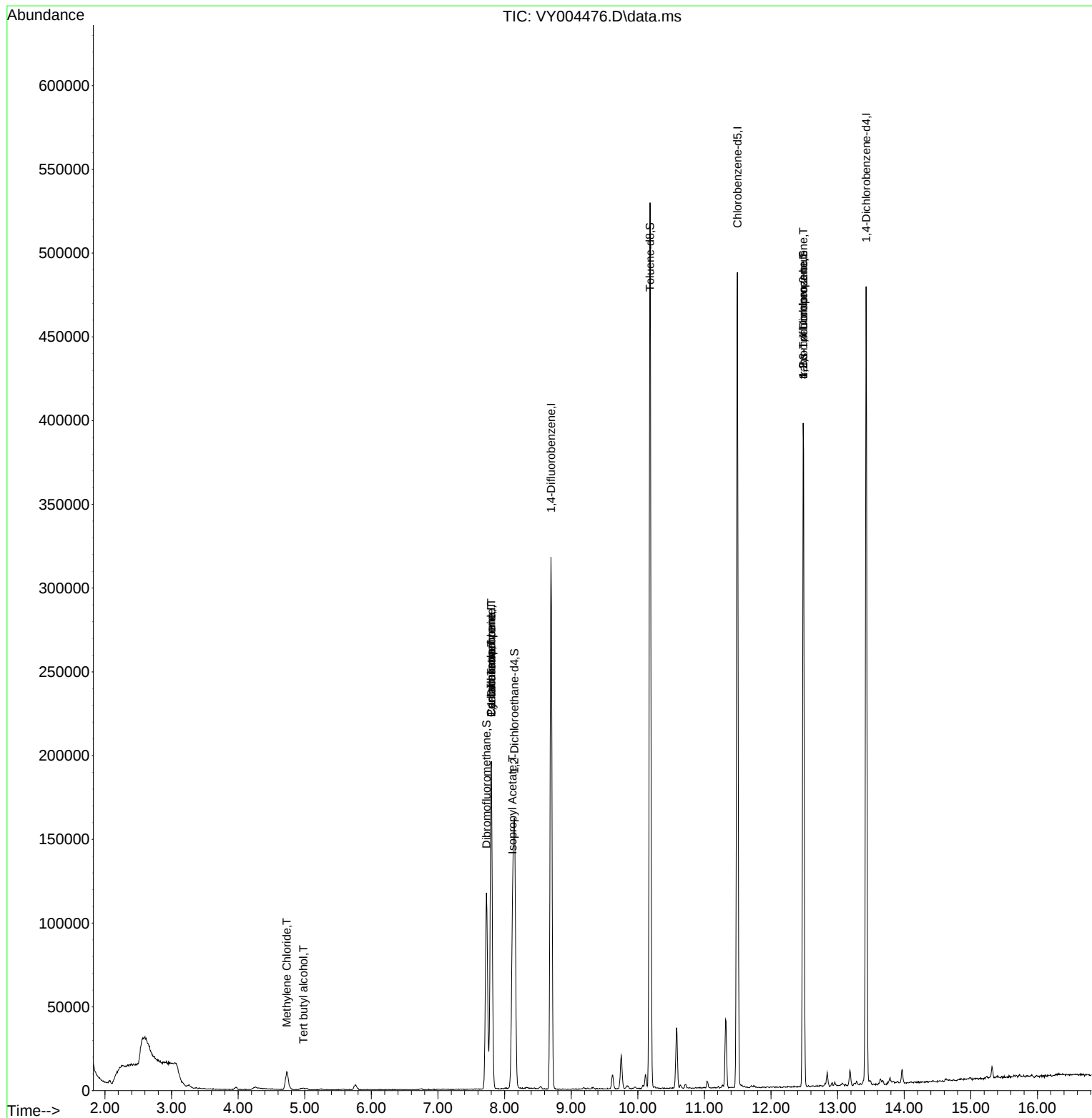
Internal Standards						
1) Pentafluorobenzene	7.801	168	147893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	260203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	245463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93994	57.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.40%
35) Dibromofluoromethane	7.728	113	79095	54.77	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.54%
50) Toluene-d8	10.185	98	323670	52.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.40%
62) 4-Bromofluorobenzene	12.483	95	108922	52.26	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.52%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	2171	13.41	ug/l #	76
16) Acetone	3.967	43	2421	Below	Cal	91
20) Methylene Chloride	4.729	84	7277	4.59	ug/l	98
31) Cyclohexane	7.801	56	3666	1.22	ug/l #	13
36) 1,1-Dichloropropene	7.801	75	12232	4.73	ug/l #	51
38) Carbon Tetrachloride	7.801	117	14275	6.39	ug/l #	18
43) Isopropyl Acetate	8.118	43	3383	1.07	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	60373	50.37	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60373	90.10	ug/l #	12

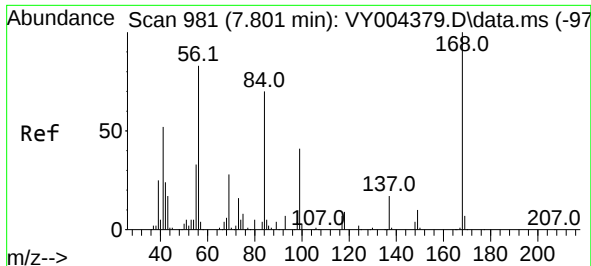
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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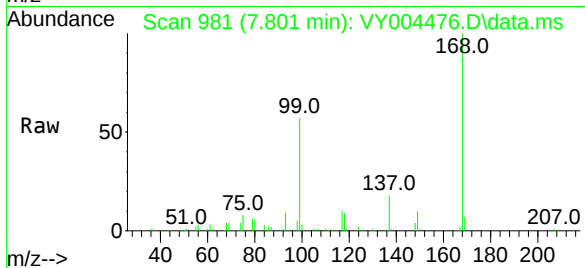
Quant Time: Apr 17 00:56:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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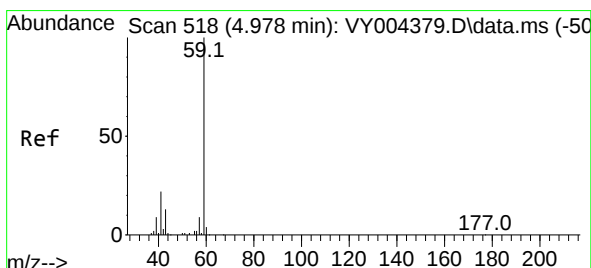
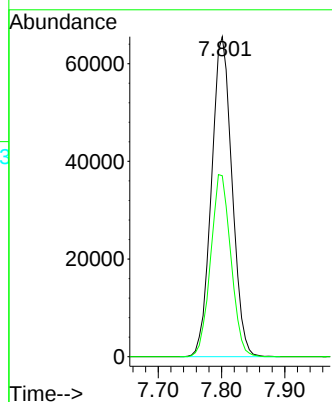
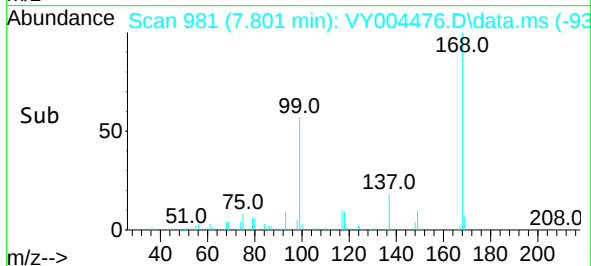


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004476.D
Acq: 16 Apr 2021 17:42

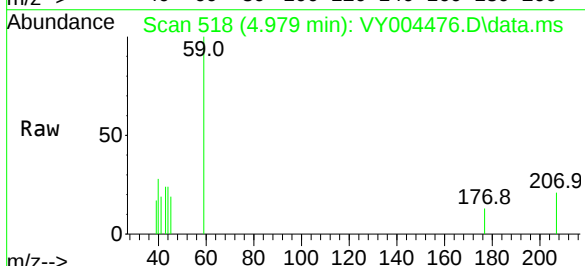
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0



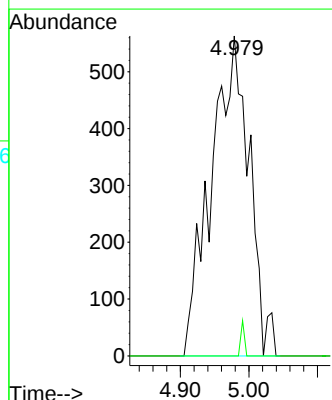
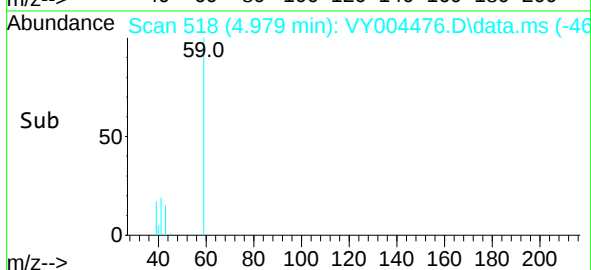
Tgt Ion:168 Resp: 147893
Ion Ratio Lower Upper
168 100
99 56.5 45.5 68.3

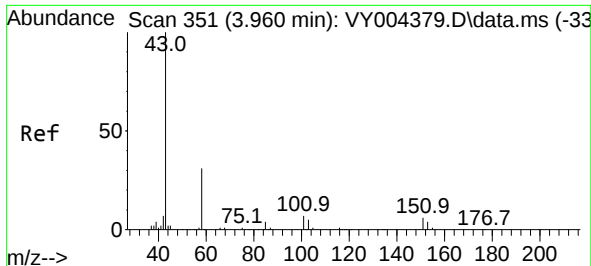


#11
Tert butyl alcohol
Concen: 13.41 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004476.D
Acq: 16 Apr 2021 17:42



Tgt Ion: 59 Resp: 2171
Ion Ratio Lower Upper
59 100
57 1.1 8.1 12.1#

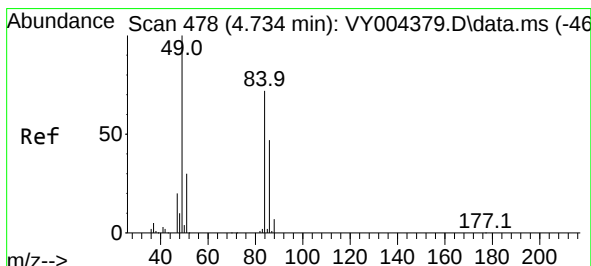
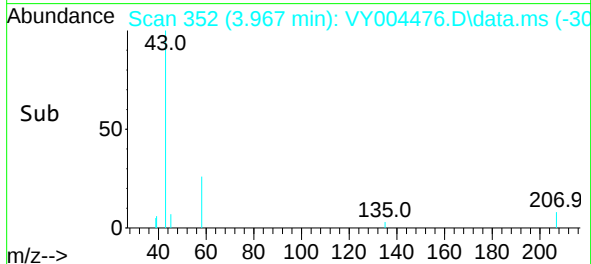
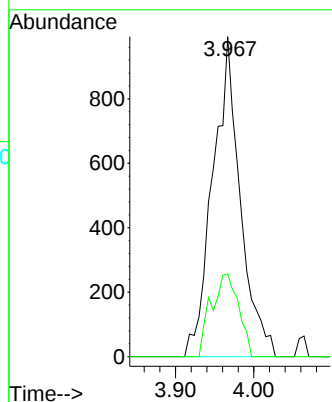
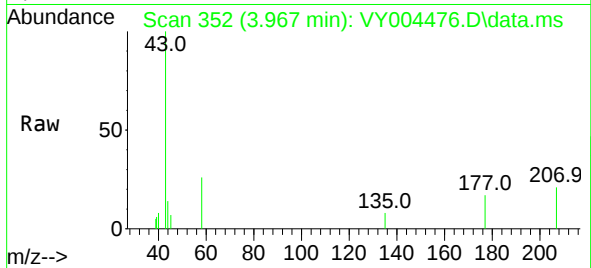




#16
Acetone
Concen: Below Cal
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY004476.D
Acq: 16 Apr 2021 17:42

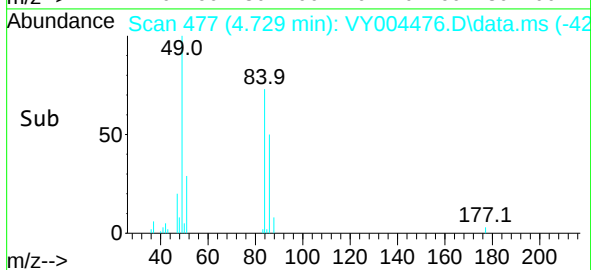
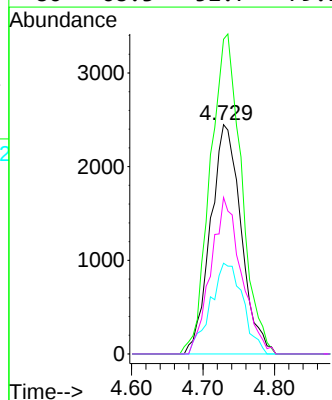
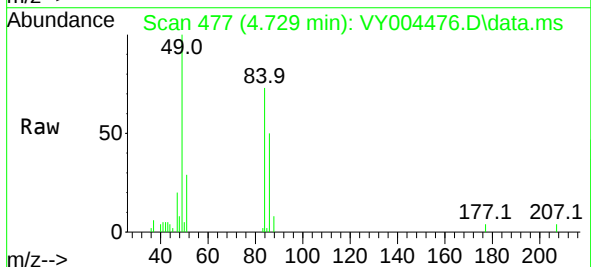
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

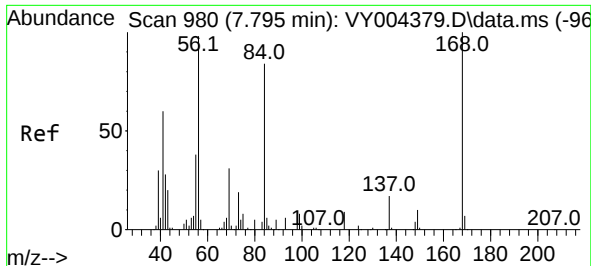
Tgt Ion: 43 Resp: 2421
Ion Ratio Lower Upper
43 100
58 25.9 24.6 37.0



#20
Methylene Chloride
Concen: 4.59 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004476.D
Acq: 16 Apr 2021 17:42

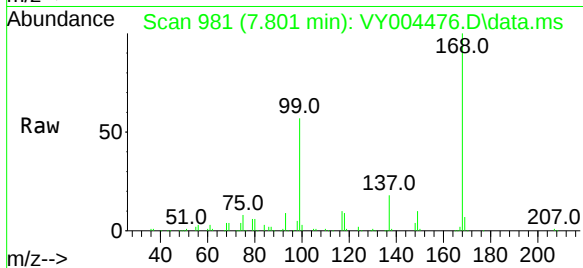
Tgt Ion: 84 Resp: 7277
Ion Ratio Lower Upper
84 100
49 137.2 111.2 166.8
51 39.5 33.4 50.2
86 68.3 52.7 79.1



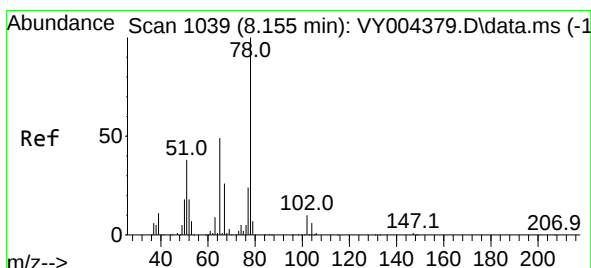
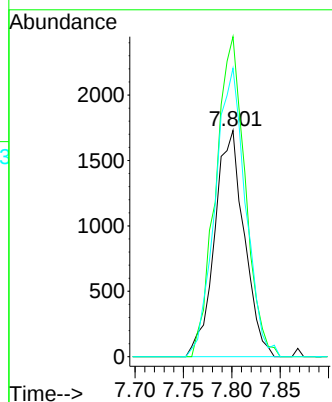
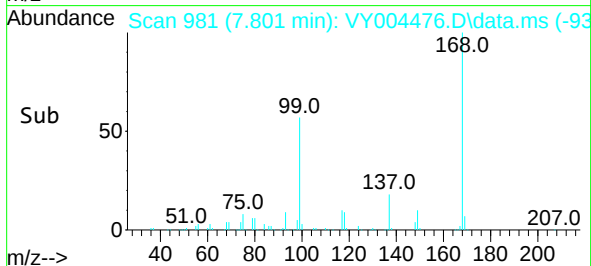


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004476.D
Acq: 16 Apr 2021 17:42

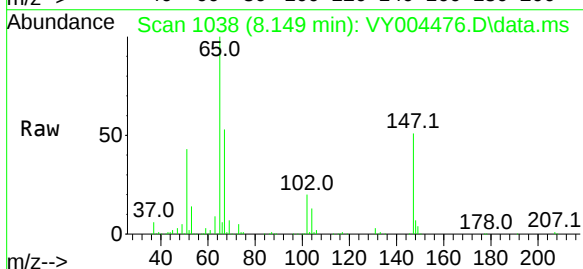
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0



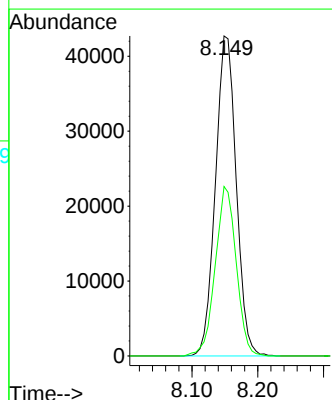
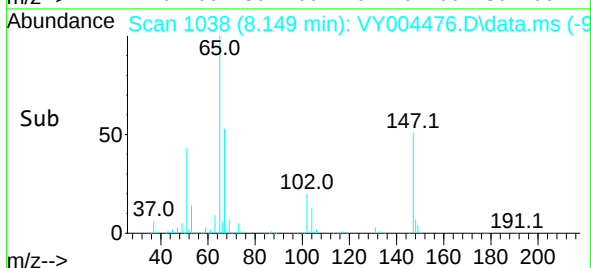
Tgt Ion: 56 Resp: 3666
Ion Ratio Lower Upper
56 100
69 141.5 25.8 38.6#
84 127.5 68.2 102.4#

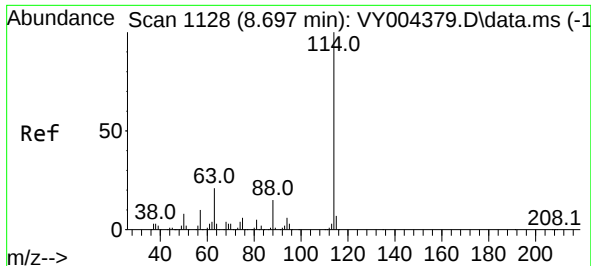


#33
1,2-Dichloroethane-d4
Concen: 57.20 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004476.D
Acq: 16 Apr 2021 17:42



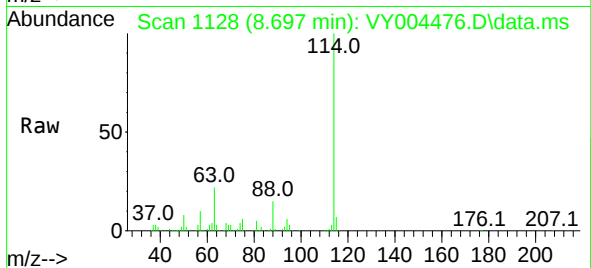
Tgt Ion: 65 Resp: 93994
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.4



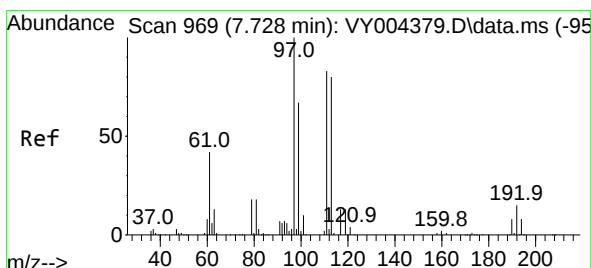
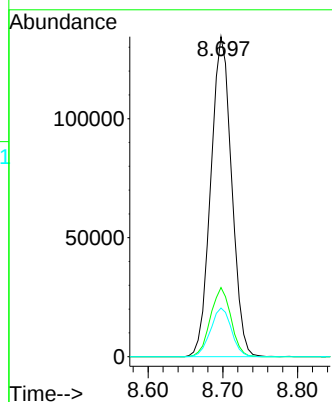
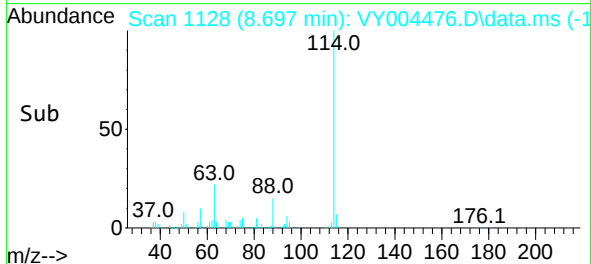


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004476.D
Acq: 16 Apr 2021 17:42

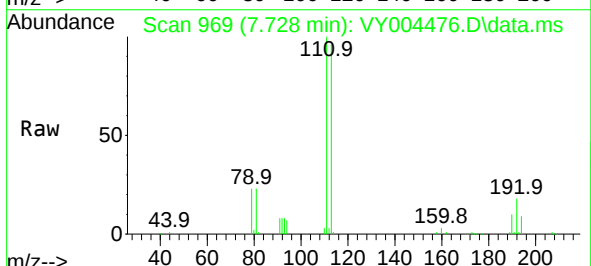
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0



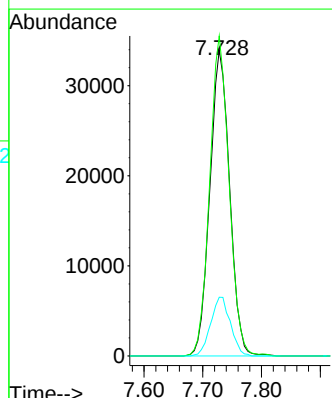
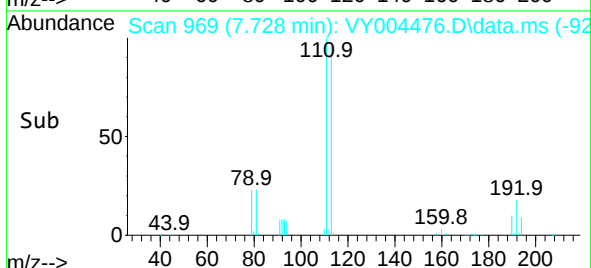
Tgt Ion:114 Resp: 260203
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.4
88 15.2 0.0 30.8

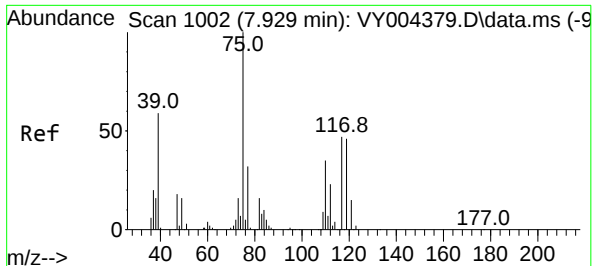


#35
Dibromofluoromethane
Concen: 54.77 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004476.D
Acq: 16 Apr 2021 17:42



Tgt Ion:113 Resp: 79095
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 19.2 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.73 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY004476.D

Acq: 16 Apr 2021 17:42

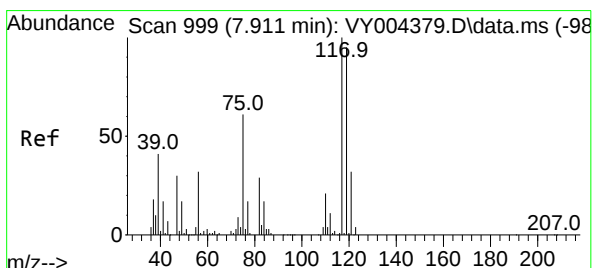
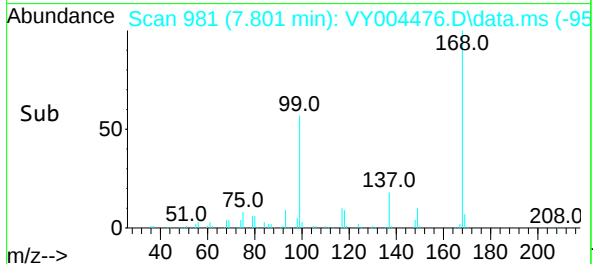
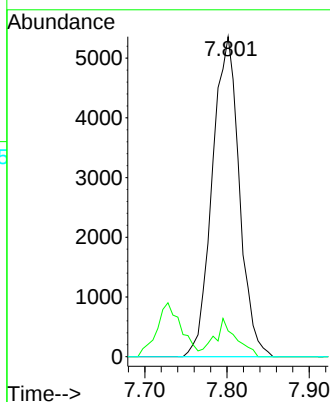
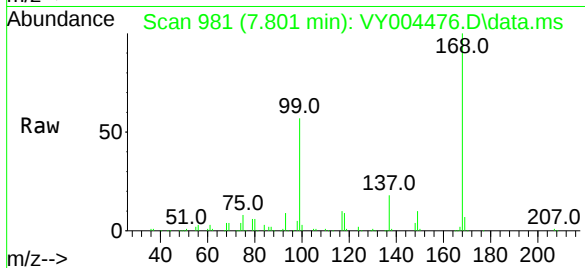
Instrument :

MSVOA_Y

ClientSampleId :

SB-01-0-2.0

Tgt Ion: 75	Resp: 12232
Ion Ratio	Lower Upper
75 100	
110 9.4	17.3 51.7#
77 0.0	24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.39 ug/l

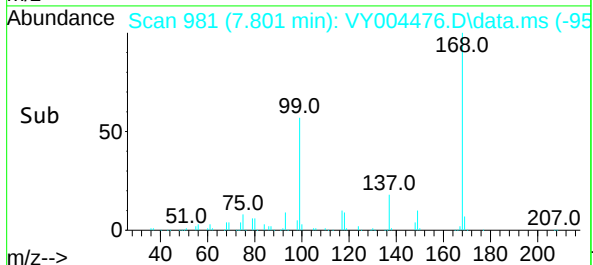
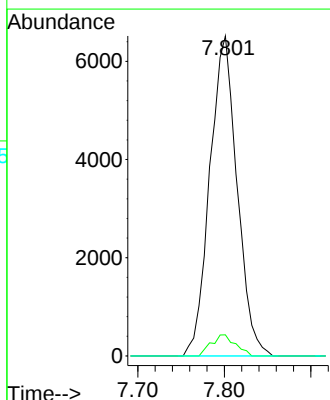
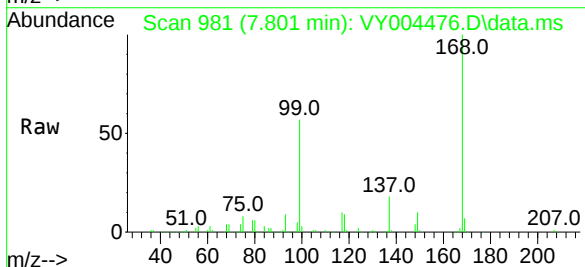
RT: 7.801 min Scan# 981

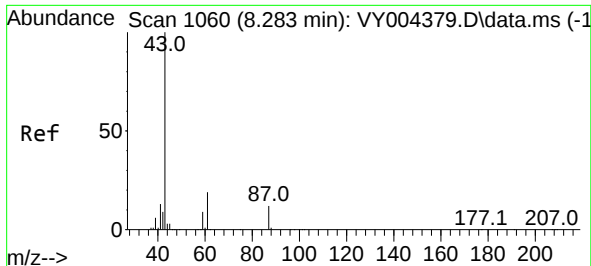
Delta R.T. -0.109 min

Lab File: VY004476.D

Acq: 16 Apr 2021 17:42

Tgt Ion: 117	Resp: 14275
Ion Ratio	Lower Upper
117 100	
119 6.6	75.8 113.8#
121 0.0	25.3 37.9#

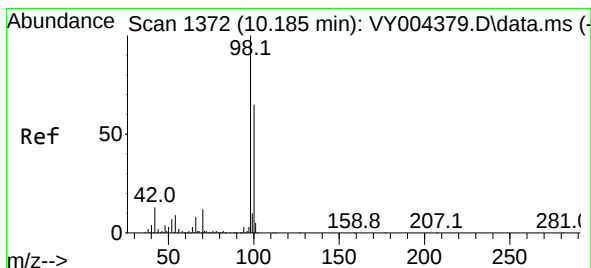
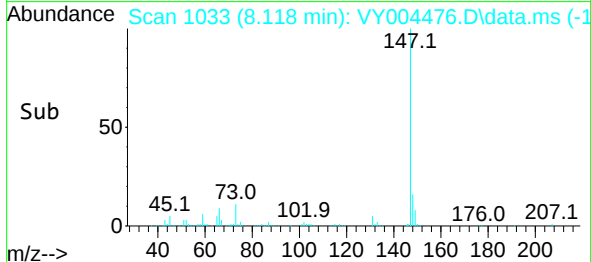
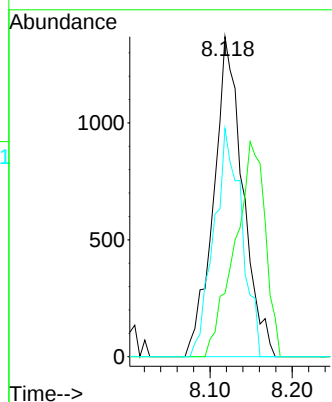
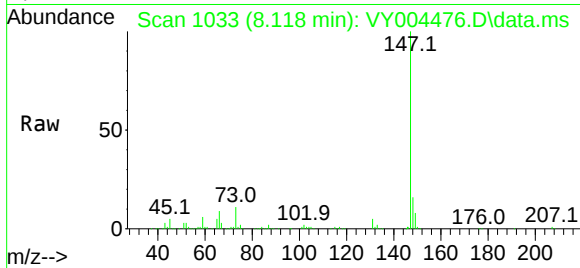




#43
Isopropyl Acetate
Concen: 1.07 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.164 min
Lab File: VY004476.D
Acq: 16 Apr 2021 17:42

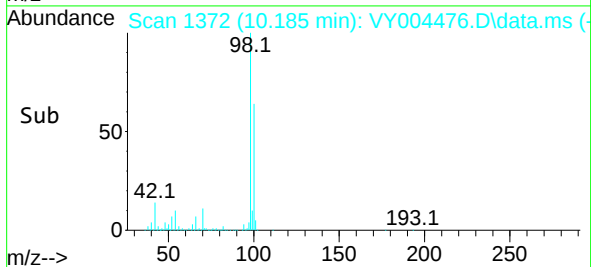
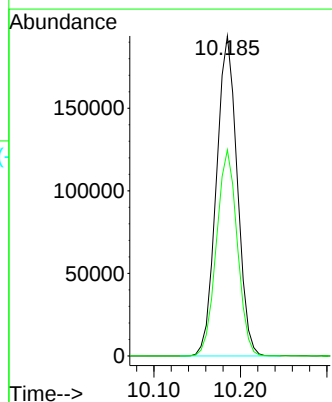
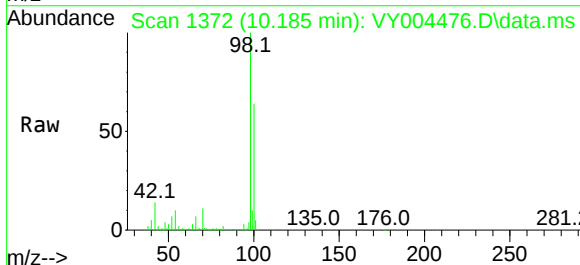
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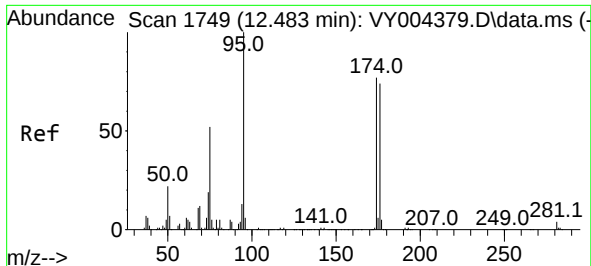
Tgt Ion: 43 Resp: 3383
Ion Ratio Lower Upper
43 100
61 0.0 20.9 31.3#
87 68.0 9.1 13.7#



#50
Toluene-d8
Concen: 52.70 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004476.D
Acq: 16 Apr 2021 17:42

Tgt Ion: 98 Resp: 323670
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

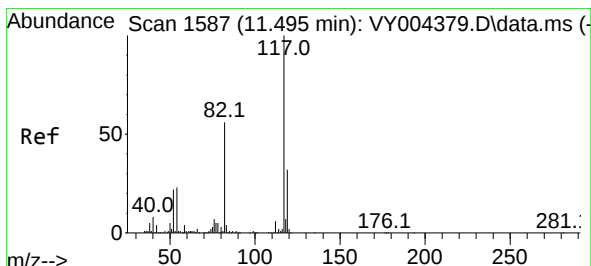
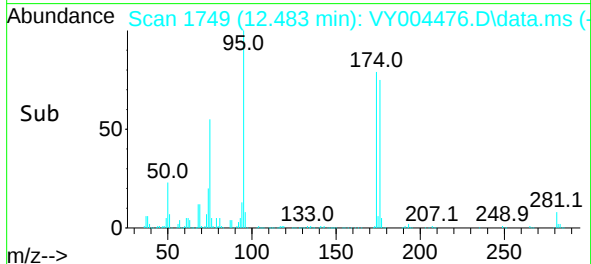
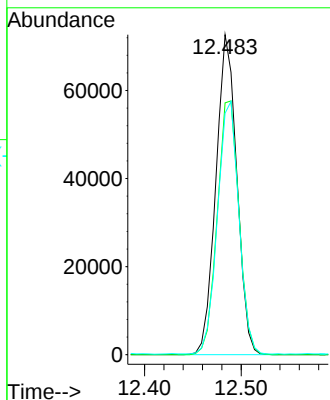
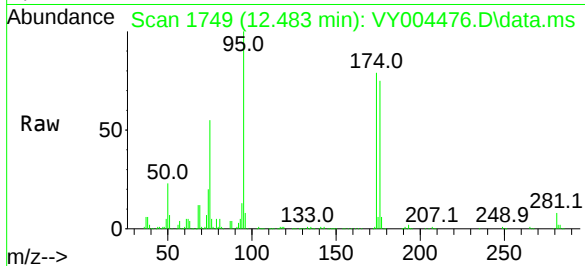




#62
4-Bromofluorobenzene
Concen: 52.26 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004476.D
Acq: 16 Apr 2021 17:42

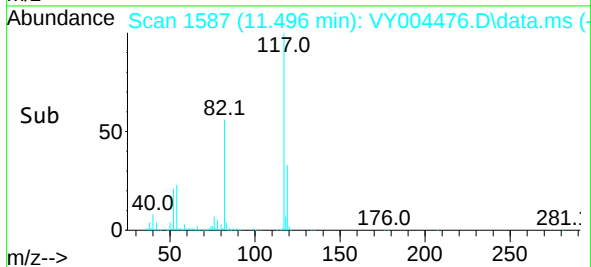
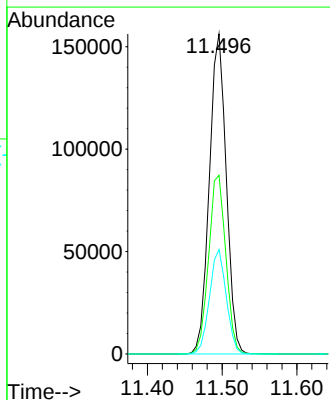
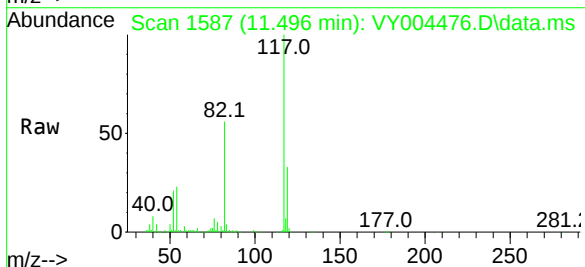
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

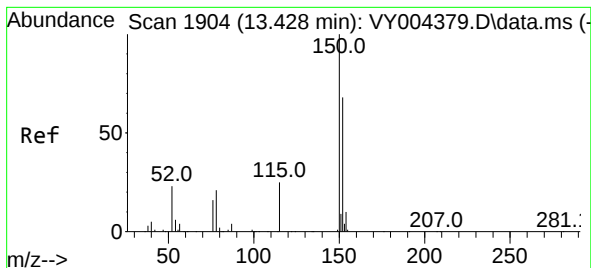
Tgt Ion: 95 Resp: 108922
Ion Ratio Lower Upper
95 100
174 82.5 0.0 162.4
176 80.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004476.D
Acq: 16 Apr 2021 17:42

Tgt Ion: 117 Resp: 245463
Ion Ratio Lower Upper
117 100
82 55.9 44.9 67.3
119 32.7 25.4 38.0

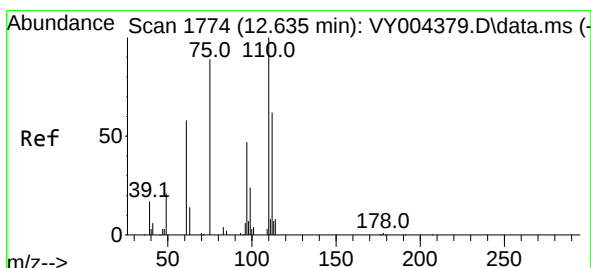
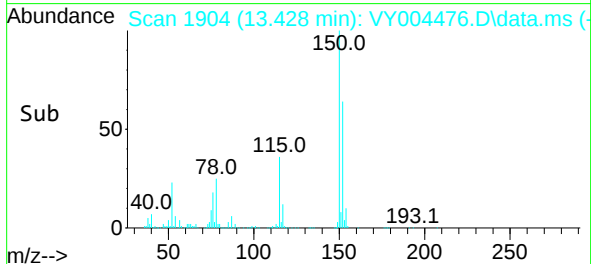
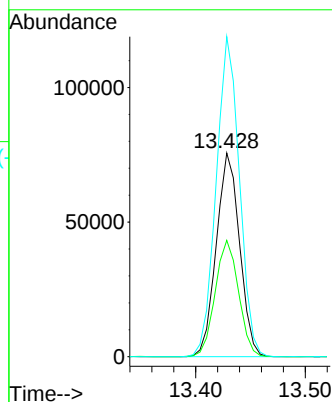
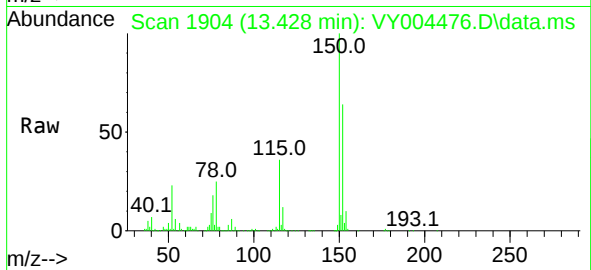




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004476.D
 Acq: 16 Apr 2021 17:42

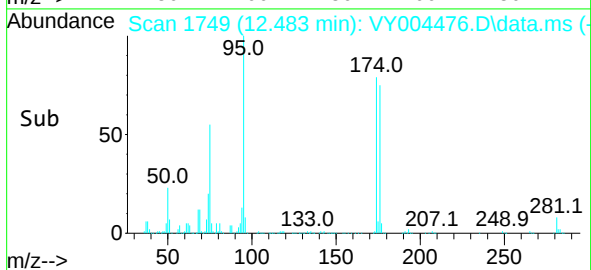
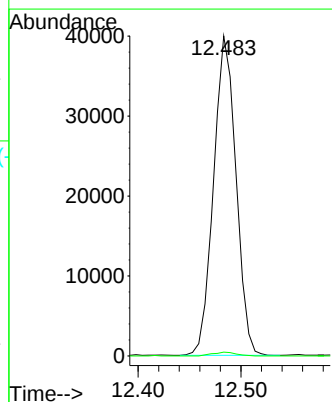
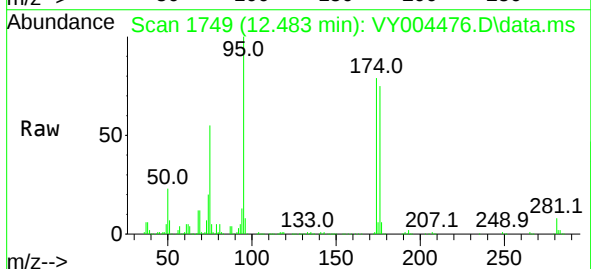
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-0-2.0

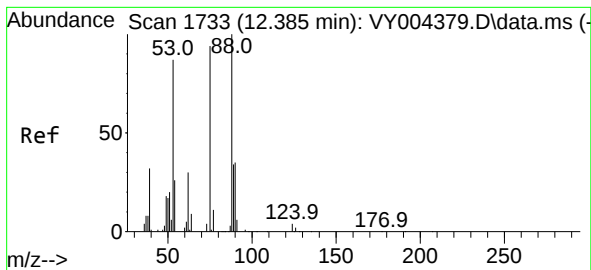
Tgt Ion:152 Resp: 111685
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.6 88.8
 150 156.8 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 50.37 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004476.D
 Acq: 16 Apr 2021 17:42

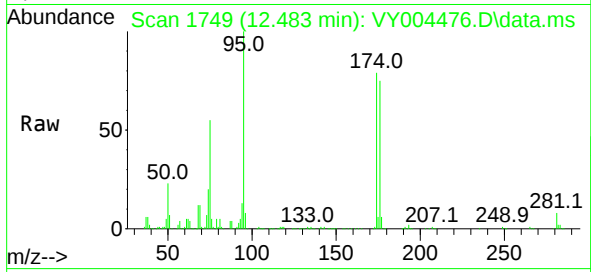
Tgt Ion: 75 Resp: 60373
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.10 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004476.D
 Acq: 16 Apr 2021 17:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-0-2.0



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.4	36.1	54.1#

