

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004565.D
 Acq On : 21 Apr 2021 18:53
 Operator : SY/MD
 Sample : M2090-06RE
 Misc : 6.64G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 22 11:20:35 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)

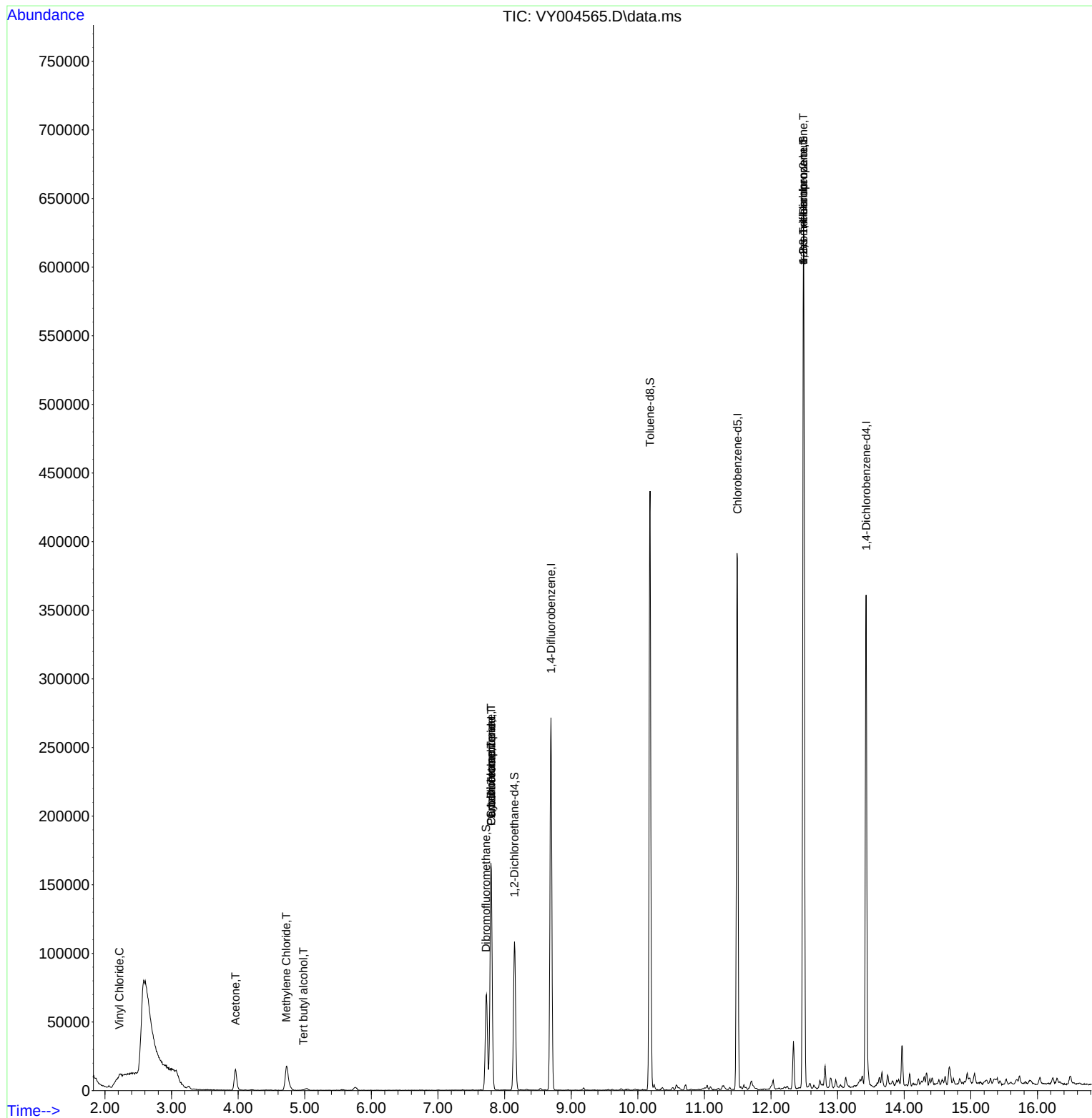
Internal Standards						
1) Pentafluorobenzene	7.801	168	124710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	219736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	205588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85766	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82553	59.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.16%
35) Dibromofluoromethane	7.722	113	48320	39.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.26%
50) Toluene-d8	10.185	98	270101	52.07	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.14%
62) 4-Bromofluorobenzene	12.483	95	91241	51.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.68%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.217	62	5999	3.40	ug/l #	43
11) Tert butyl alcohol	4.979	59	646	4.73	ug/l #	73
16) Acetone	3.960	43	26259	75.89	ug/l	99
20) Methylene Chloride	4.722	84	12418	9.28	ug/l	98
31) Cyclohexane	7.795	56	3175	1.25	ug/l #	23
36) 1,1-Dichloropropene	7.795	75	10568	4.84	ug/l #	49
38) Carbon Tetrachloride	7.801	117	12337	6.54	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	54156	58.83	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54156	105.25	ug/l #	13

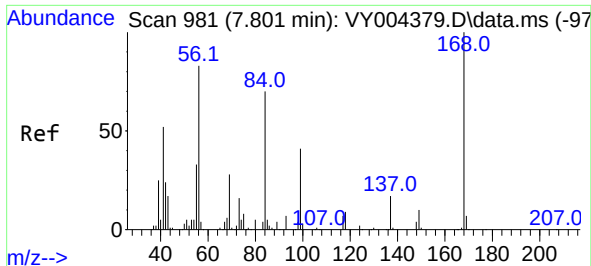
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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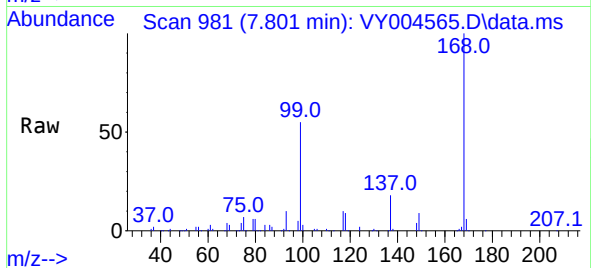
Quant Time: Apr 22 11:20:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



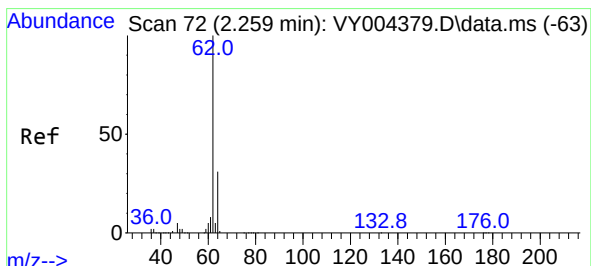
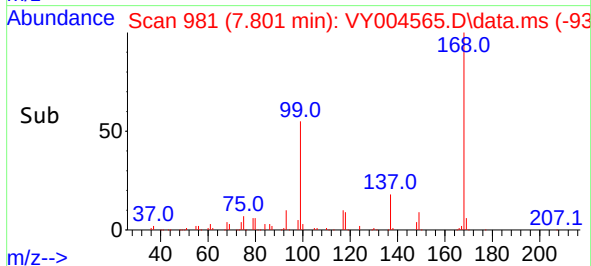
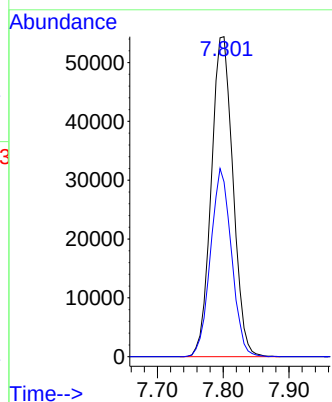


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

Instrument :
MSVOA_Y
ClientSampleId :

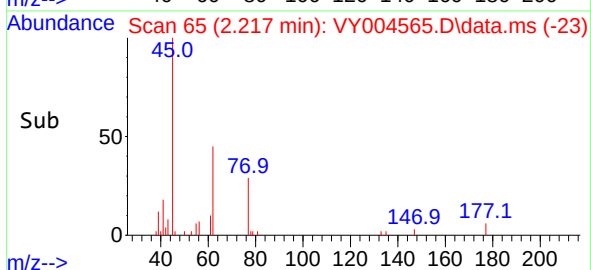
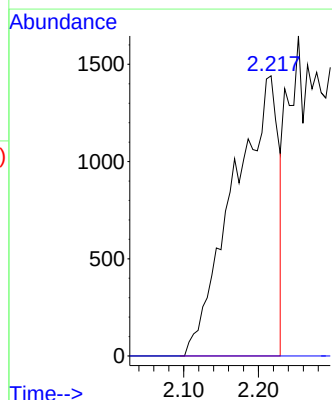
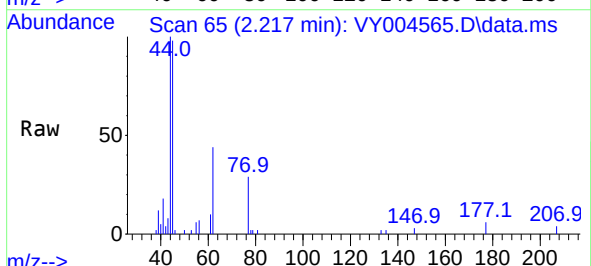


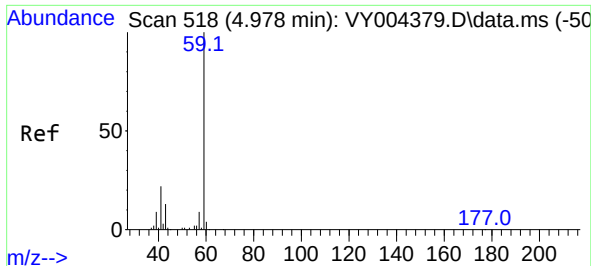
Tgt Ion:168 Resp: 124710
Ion Ratio Lower Upper
168 100
99 54.6 45.5 68.3



#4
Vinyl Chloride
Concen: 3.40 ug/l
RT: 2.217 min Scan# 65
Delta R.T. -0.042 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

Tgt Ion: 62 Resp: 5999
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



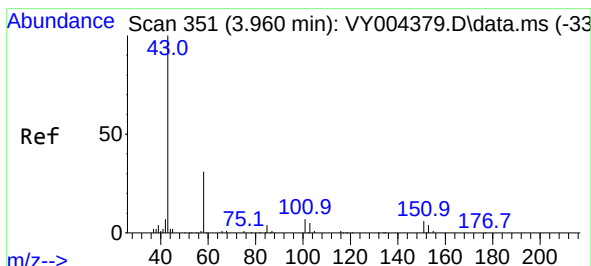
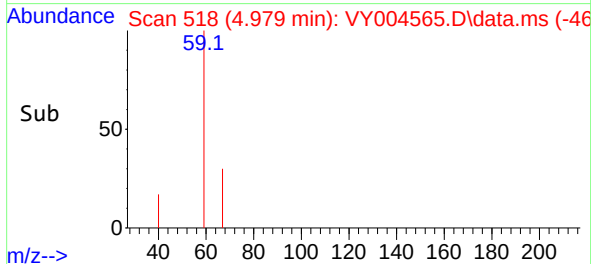
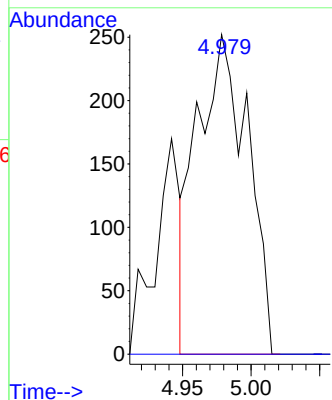
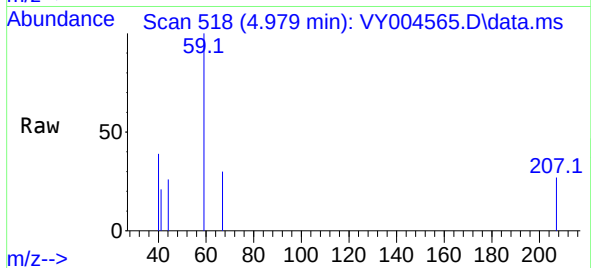


#11

Tert butyl alcohol
Concen: 4.73 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

Instrument :
MSVOA_Y
ClientSampled :

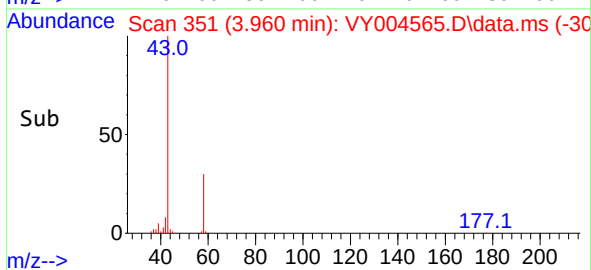
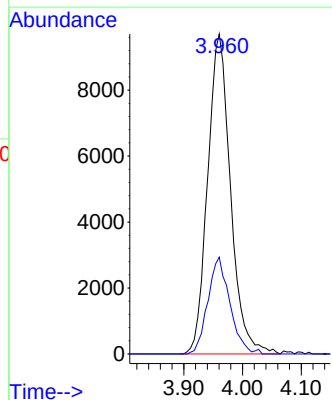
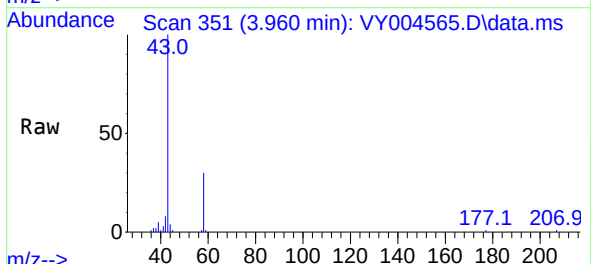
Tgt Ion: 59 Resp: 646
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

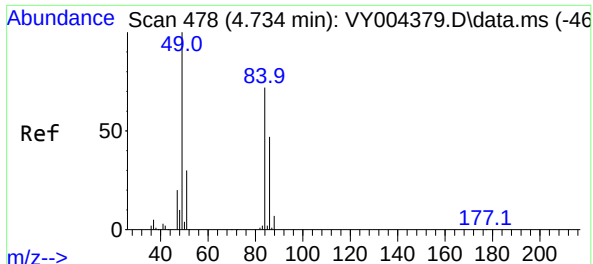


#16

Acetone
Concen: 75.89 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

Tgt Ion: 43 Resp: 26259
Ion Ratio Lower Upper
43 100
58 30.2 24.6 37.0



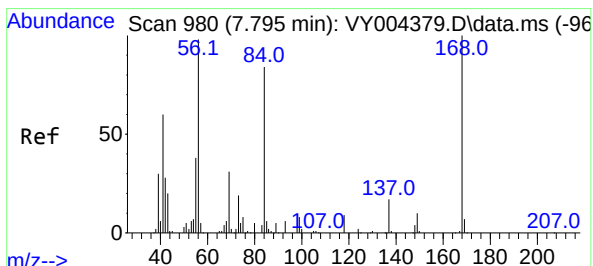
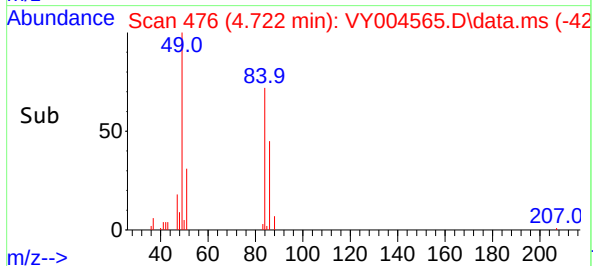
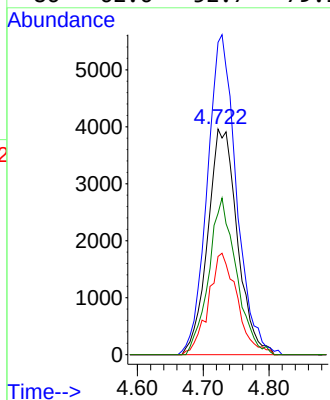
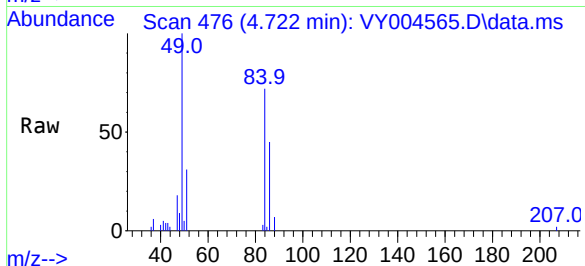


#20
Methylene Chloride
Concen: 9.28 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 12418

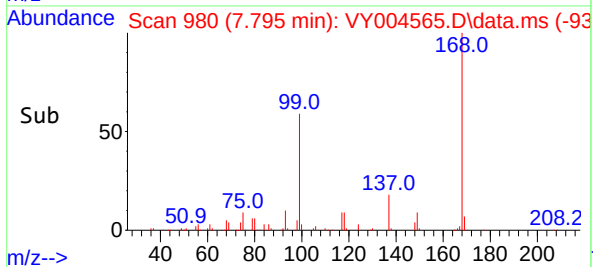
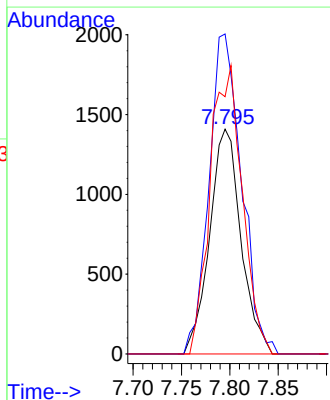
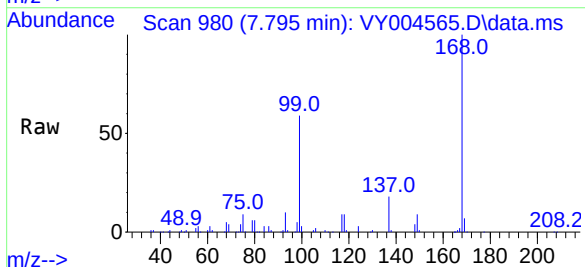
Ion	Ratio	Lower	Upper
84	100		
49	138.4	111.2	166.8
51	43.6	33.4	50.2
86	62.6	52.7	79.1

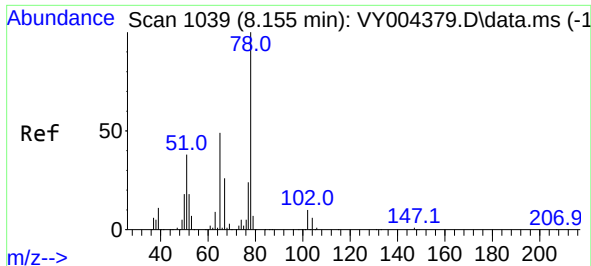


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

Tgt Ion: 56 Resp: 3175

Ion	Ratio	Lower	Upper
56	100		
69	142.3	25.8	38.6#
84	114.4	68.2	102.4#

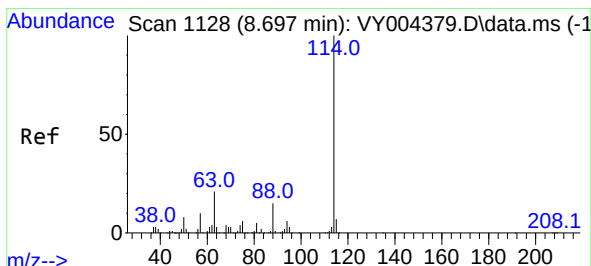
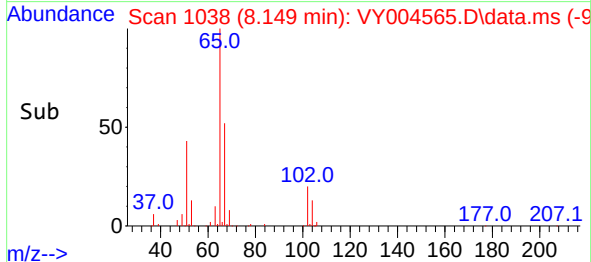
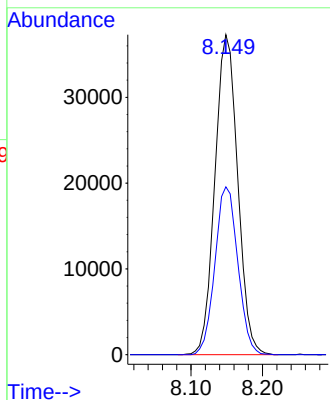
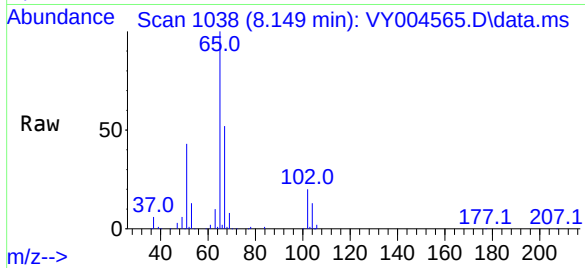




#33
1,2-Dichloroethane-d4
Concen: 59.58 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

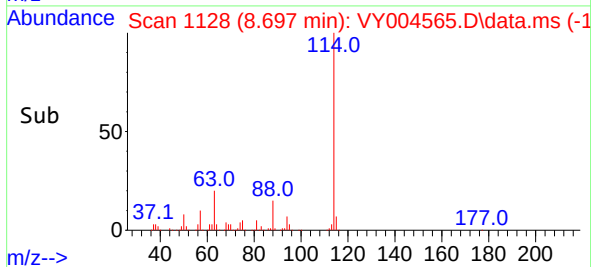
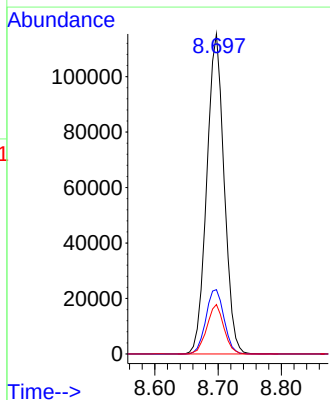
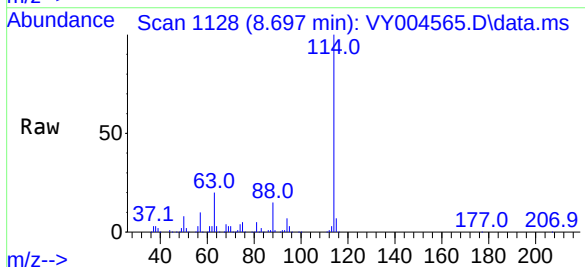
Instrument :
MSVOA_Y
ClientSampleId :

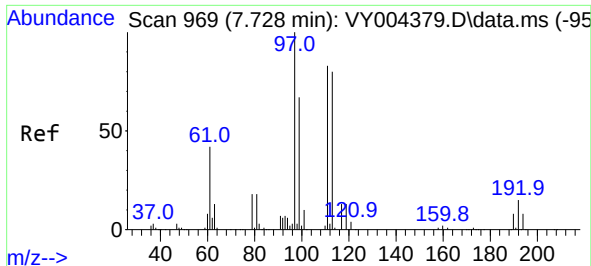
Tgt Ion: 65 Resp: 82553
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

Tgt Ion:114 Resp: 219736
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 15.5 0.0 30.8

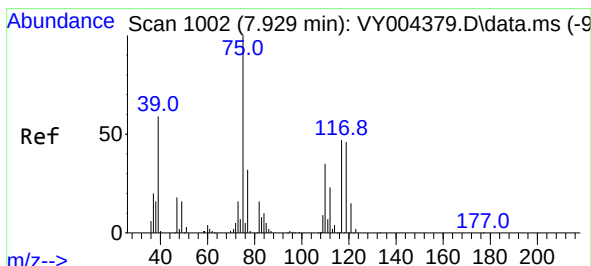
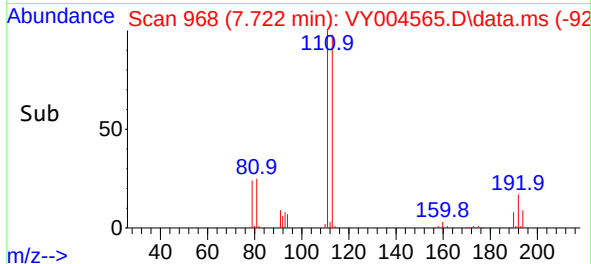
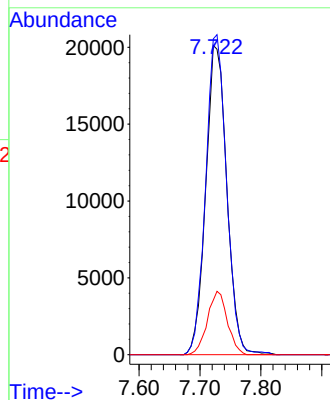
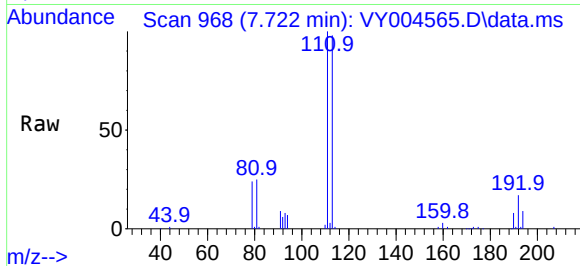




#35
Dibromofluoromethane
Concen: 39.63 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

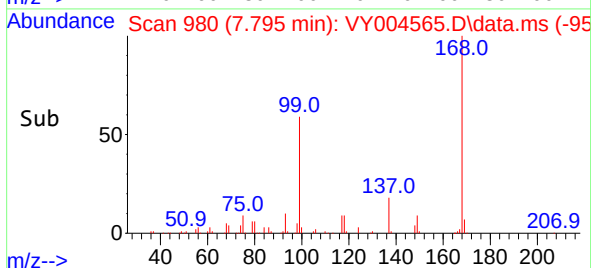
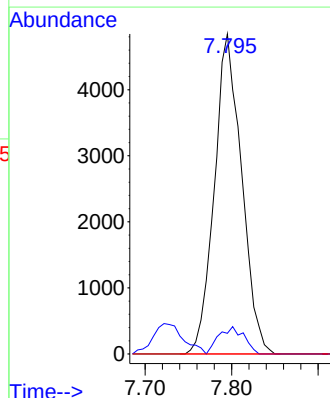
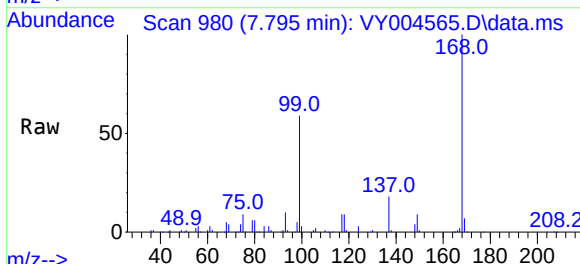
Instrument :
MSVOA_Y
ClientSampleId :

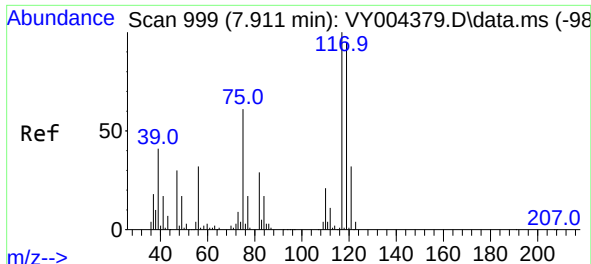
Tgt Ion:	113	Resp:	48320
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	19.4	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

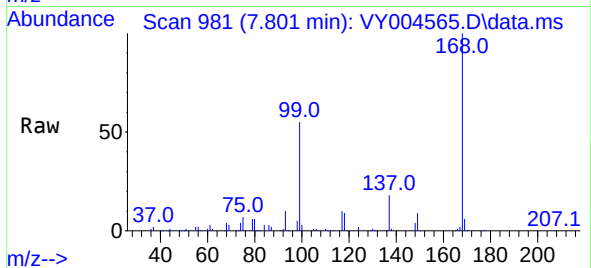
Tgt Ion:	75	Resp:	10568
Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.3	51.7#
77	0.0	24.3	36.5#



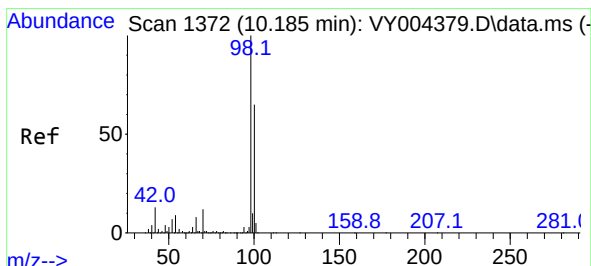
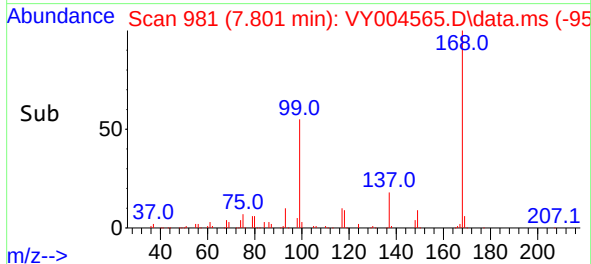
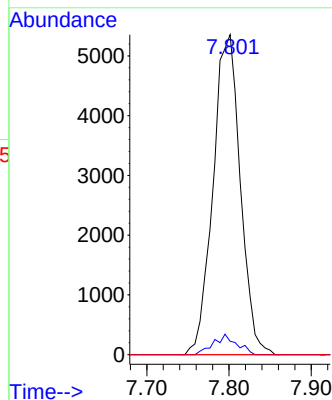


#38
Carbon Tetrachloride
Concen: 6.54 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

Instrument :
MSVOA_Y
ClientSampleId :

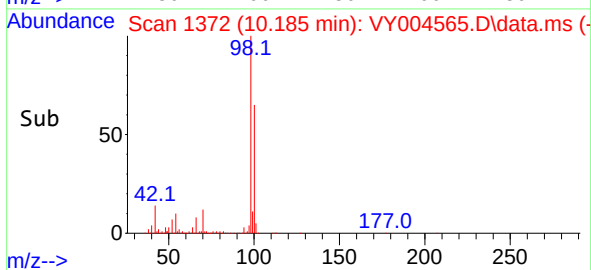
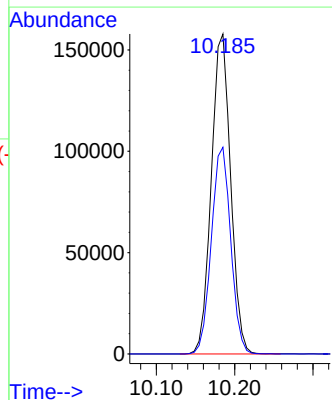
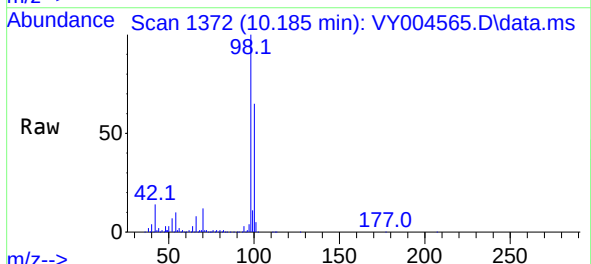


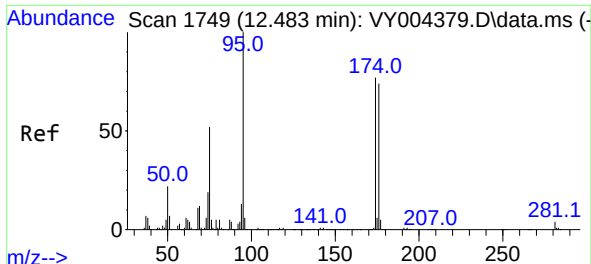
Tgt Ion:117 Resp: 12337
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

Tgt Ion: 98 Resp: 270101
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

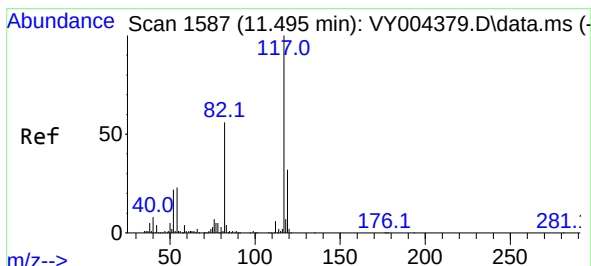
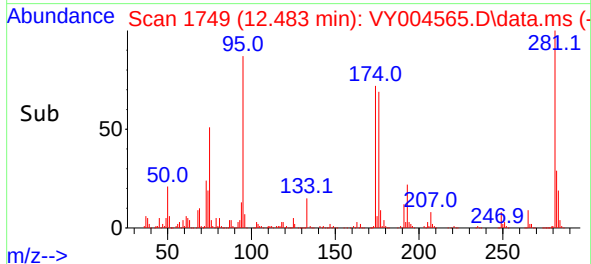
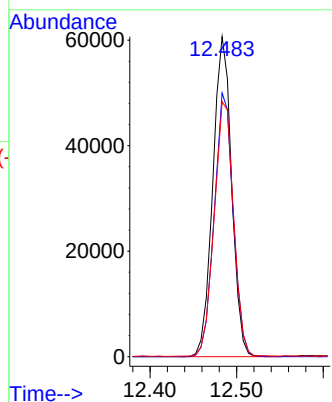
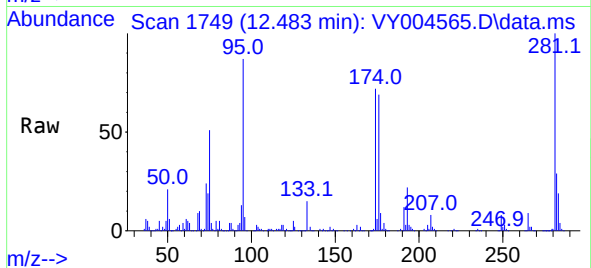




#62
4-Bromofluorobenzene
Concen: 51.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

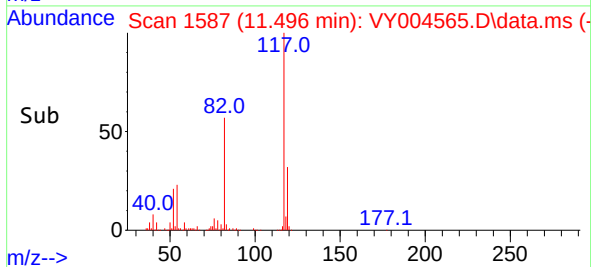
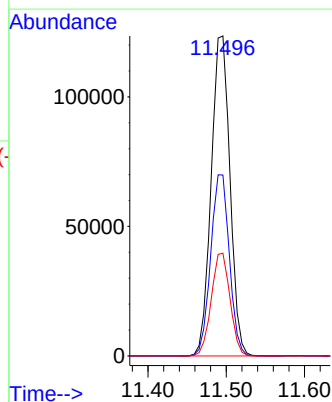
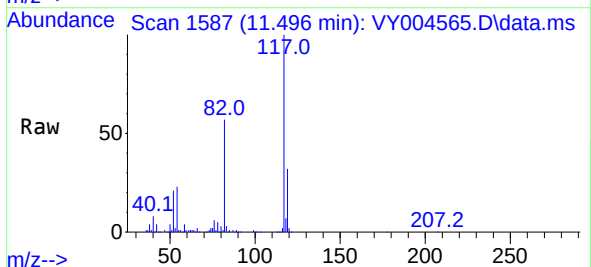
Instrument :
MSVOA_Y
ClientSampleId :

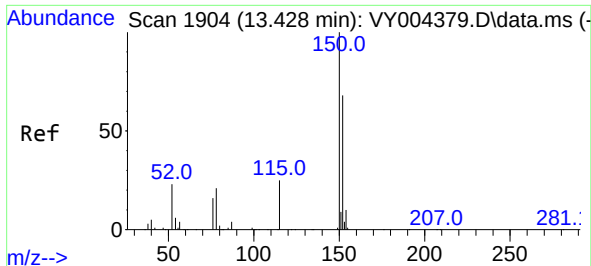
Tgt Ion: 95 Resp: 91241
Ion Ratio Lower Upper
95 100
174 83.2 0.0 162.4
176 82.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

Tgt Ion: 117 Resp: 205588
Ion Ratio Lower Upper
117 100
82 56.6 44.9 67.3
119 32.1 25.4 38.0

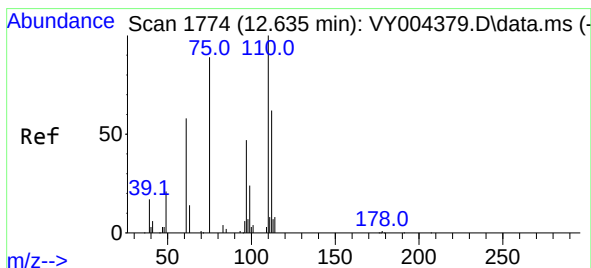
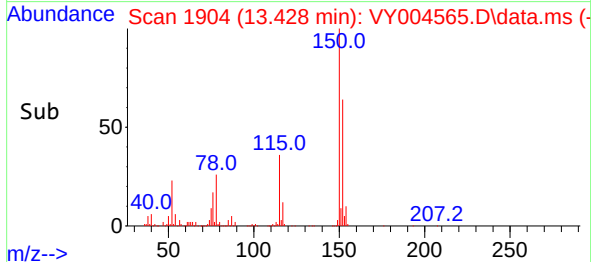
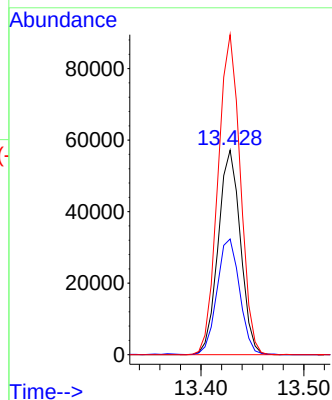
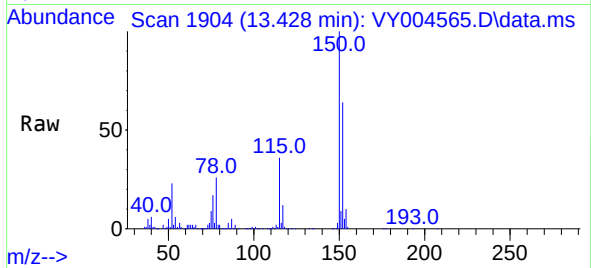




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

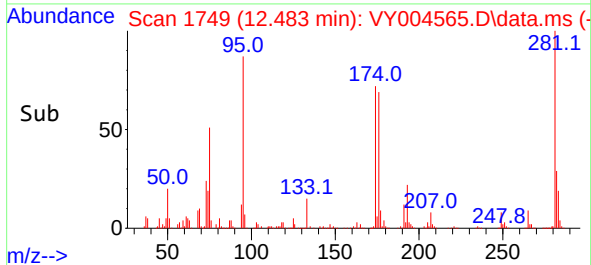
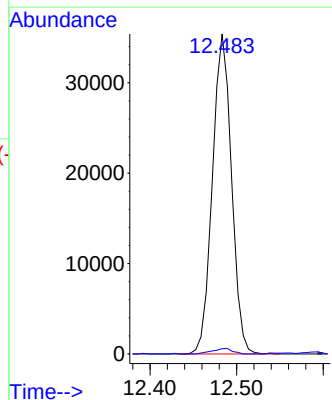
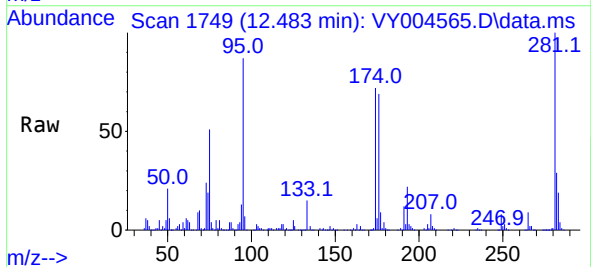
Instrument :
MSVOA_Y
ClientSampled :

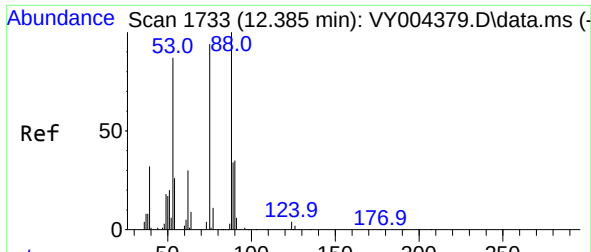
Tgt Ion:152 Resp: 85766
Ion Ratio Lower Upper
152 100
115 57.8 29.6 88.8
150 157.4 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 58.83 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

Tgt Ion: 75 Resp: 54156
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 105.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004565.D
Acq: 21 Apr 2021 18:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 54156
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 2.6 36.1 54.1#

