

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004450.D
 Acq On : 15 Apr 2021 18:50
 Operator : SY/MD
 Sample : M2048-13
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 16 05:06:27 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)

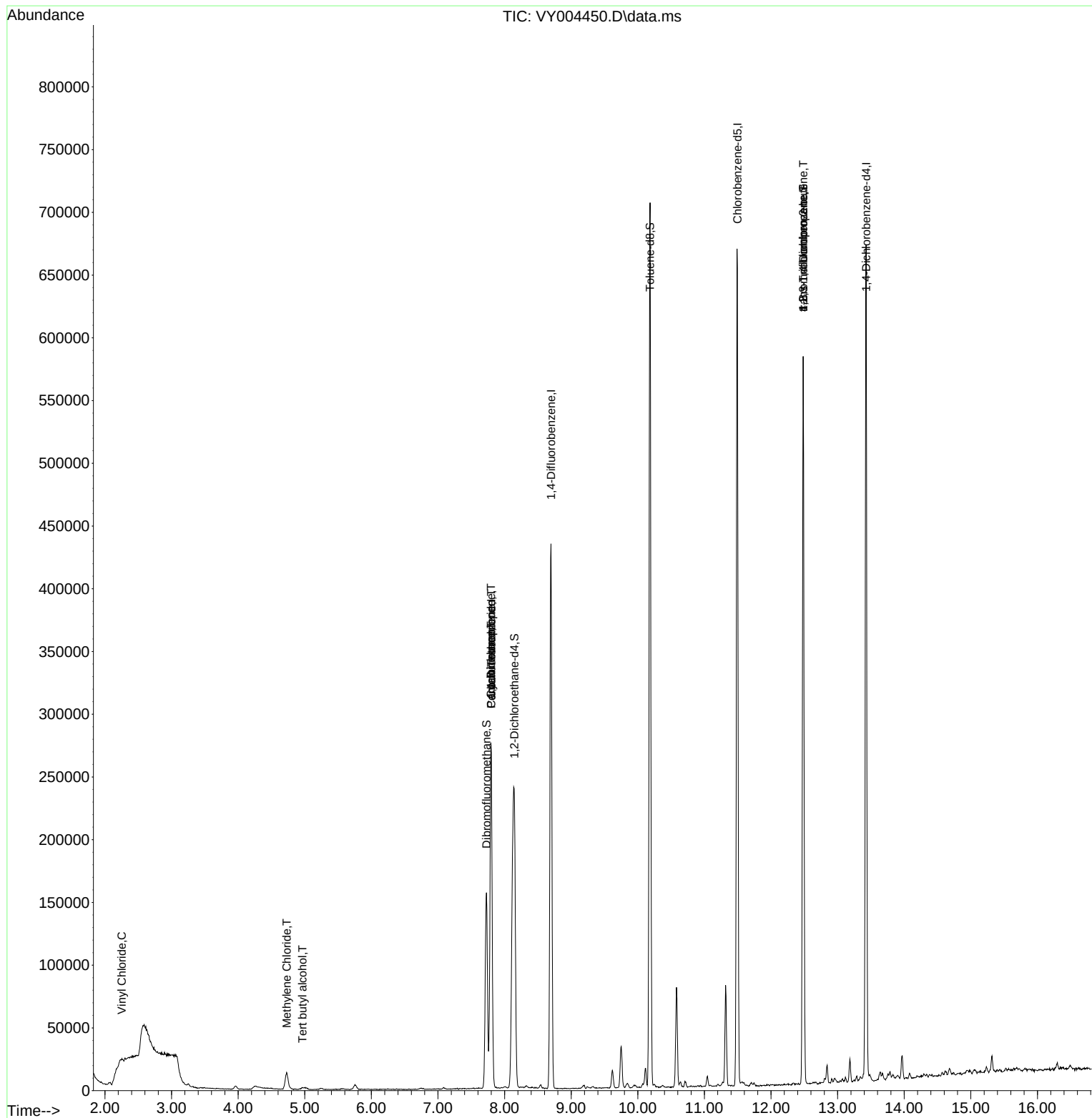
Internal Standards						
1) Pentafluorobenzene	7.801	168	209393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	364158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	345058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	136576	58.70	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.40%
35) Dibromofluoromethane	7.728	113	109687	54.28	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.56%
50) Toluene-d8	10.185	98	450621	52.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.84%
62) 4-Bromofluorobenzene	12.483	95	158990	54.50	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.00%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	21381	7.22	ug/l #	43
11) Tert butyl alcohol	4.966	59	3180	13.87	ug/l #	92
16) Acetone	3.954	43	4596	Below Cal	#	86
20) Methylene Chloride	4.728	84	8968	3.99	ug/l	90
31) Cyclohexane	7.795	56	5237	1.23	ug/l #	33
36) 1,1-Dichloropropene	7.795	75	16679	4.61	ug/l #	51
38) Carbon Tetrachloride	7.801	117	20971	6.70	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	87181	50.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	87181	90.40	ug/l #	12

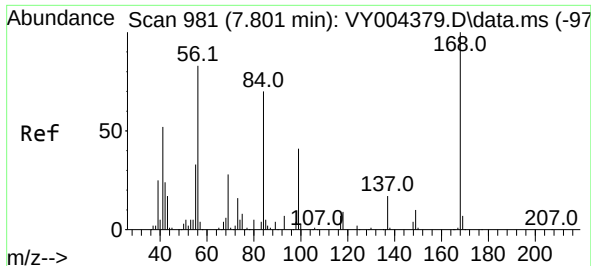
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 16 05:06:27 2021
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Quant Title : SW846 8260
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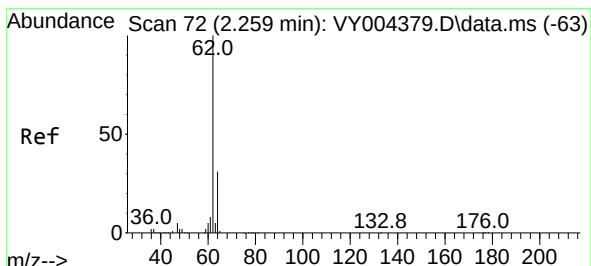
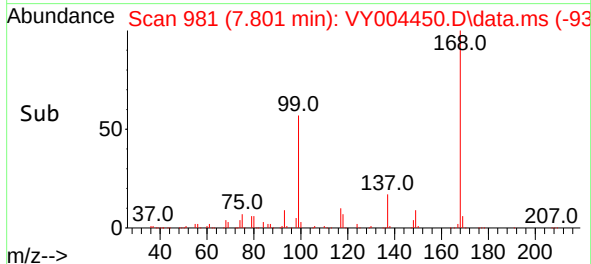
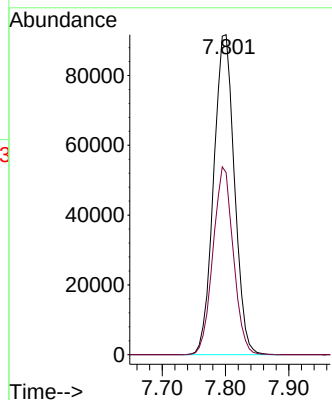
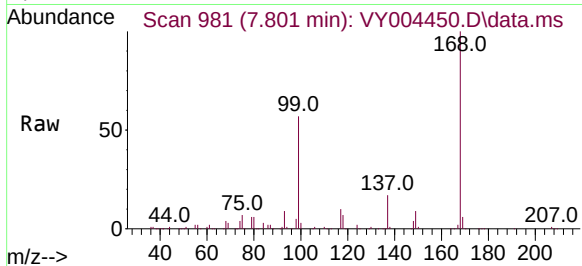




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

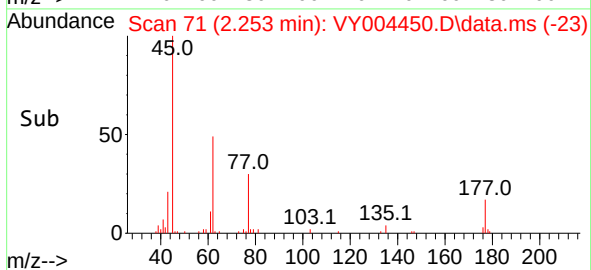
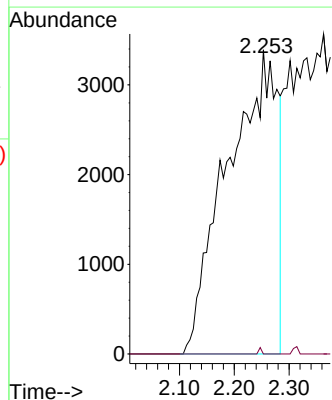
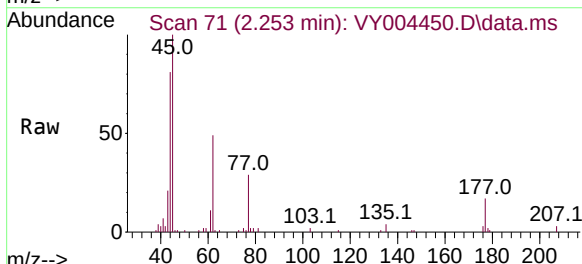
Instrument :
MSVOA_Y
ClientSampled :

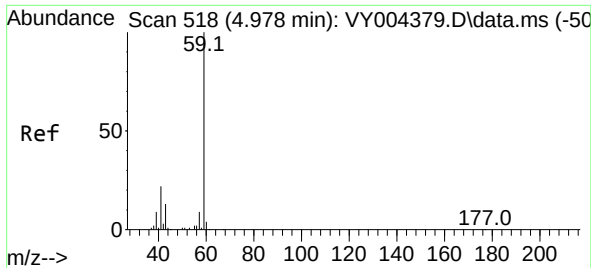
Tgt Ion:168 Resp: 209393
Ion Ratio Lower Upper
168 100
99 56.9 45.5 68.3



#4
Vinyl Chloride
Concen: 7.22 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

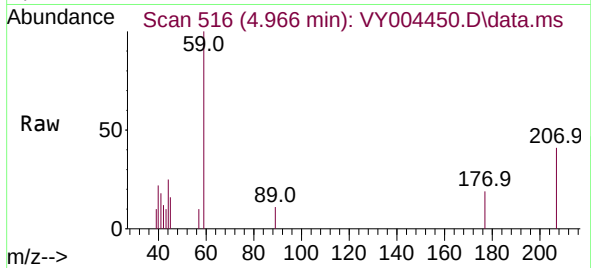
Tgt Ion: 62 Resp: 21381
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



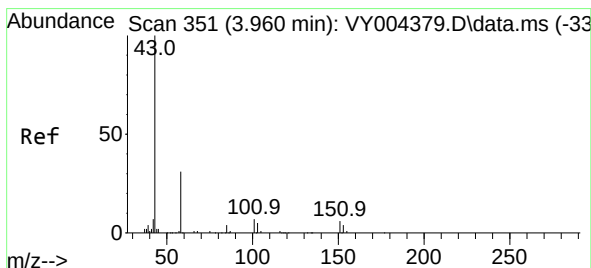
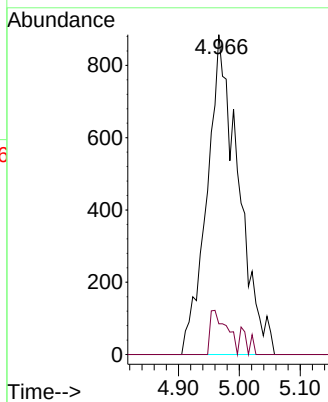
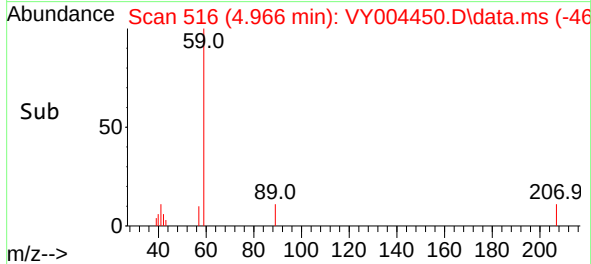


#11
Tert butyl alcohol
Concen: 13.87 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

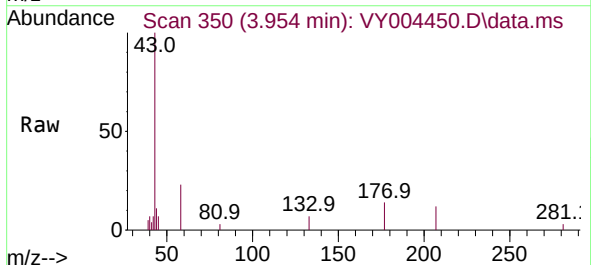
Instrument :
MSVOA_Y
ClientSampled :



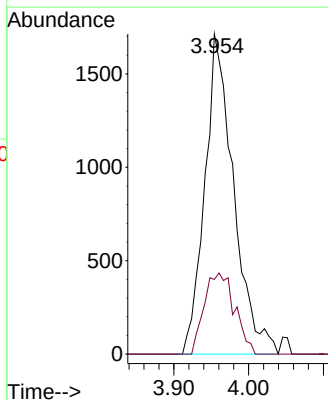
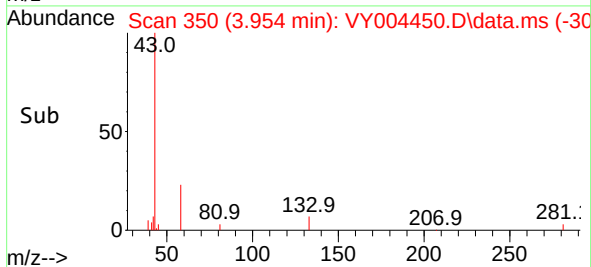
Tgt Ion: 59 Resp: 3180
Ion Ratio Lower Upper
59 100
57 7.1 8.1 12.1#

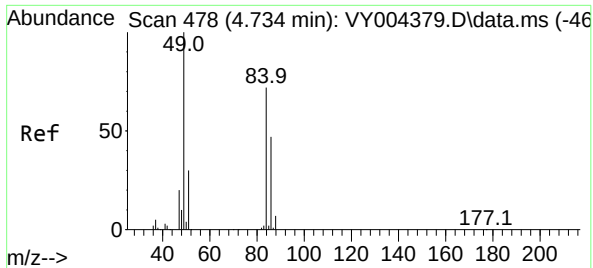


#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50



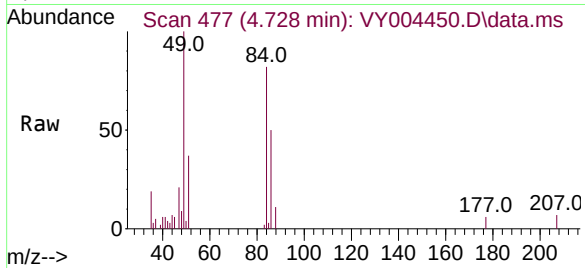
Tgt Ion: 43 Resp: 4596
Ion Ratio Lower Upper
43 100
58 23.3 24.6 37.0#



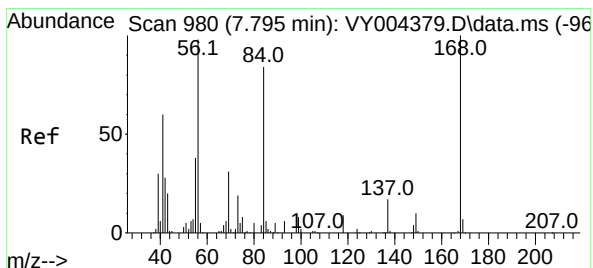
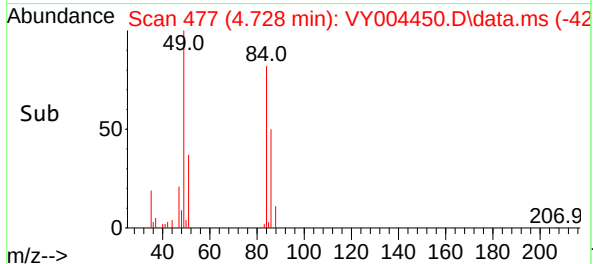
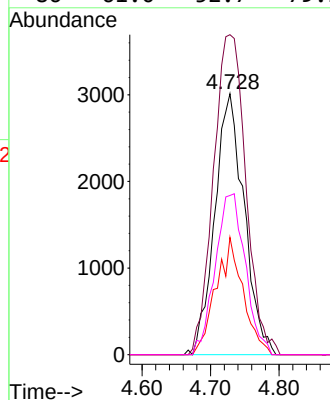


#20
Methylene Chloride
Concen: 3.99 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

Instrument :
MSVOA_Y
ClientSampled :

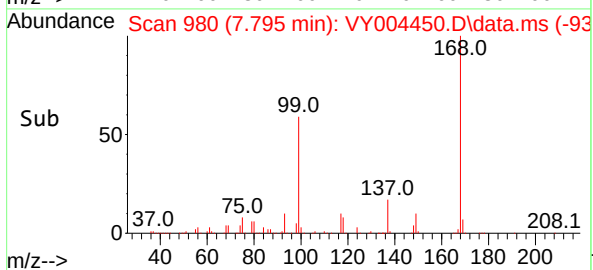
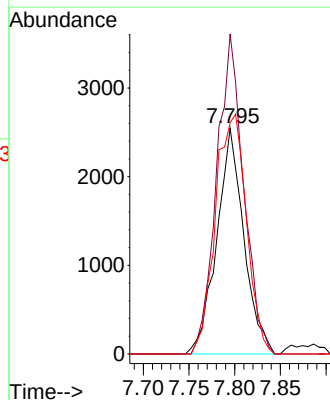
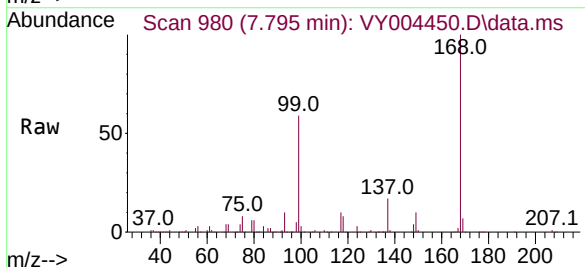


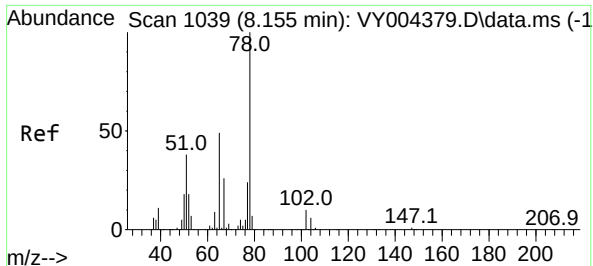
Tgt Ion: 84 Resp: 8968
Ion Ratio Lower Upper
84 100
49 122.6 111.2 166.8
51 44.9 33.4 50.2
86 61.0 52.7 79.1



#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

Tgt Ion: 56 Resp: 5237
Ion Ratio Lower Upper
56 100
69 141.8 25.8 38.6#
84 102.5 68.2 102.4#

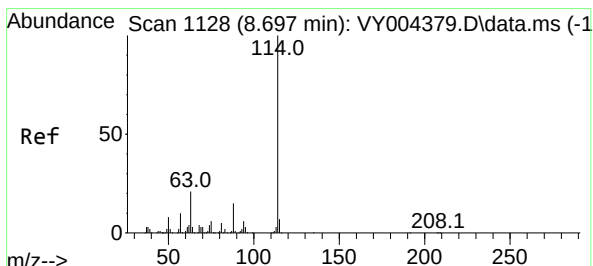
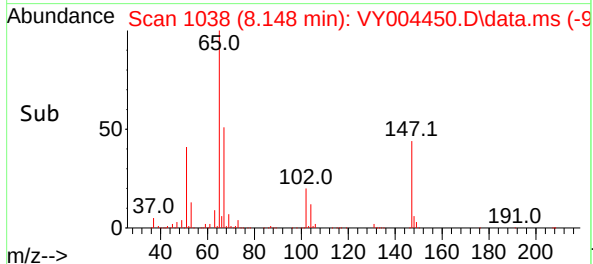
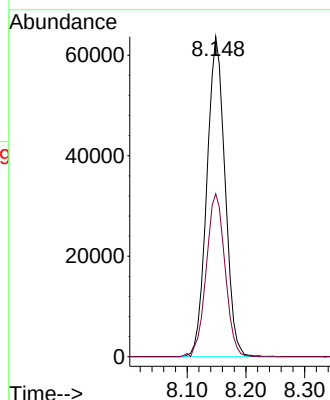
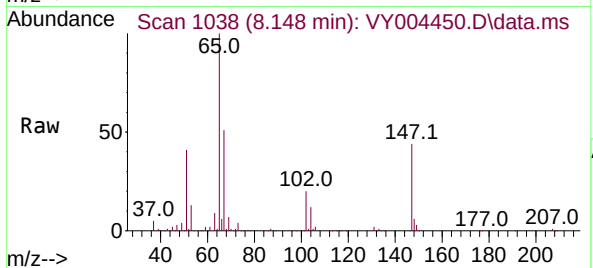




#33
1,2-Dichloroethane-d4
Concen: 58.70 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

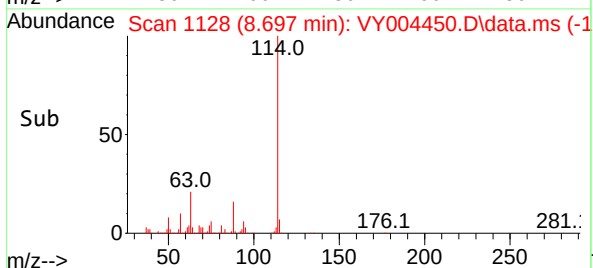
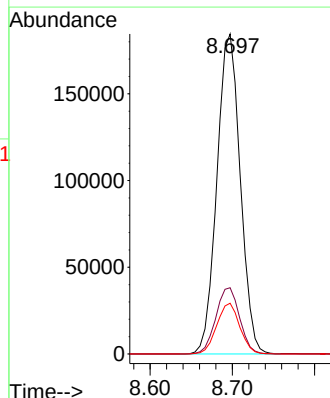
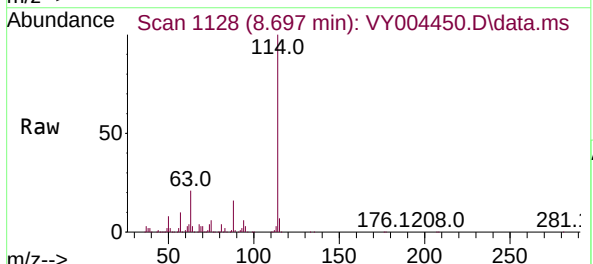
Instrument :
MSVOA_Y
ClientSampleId :

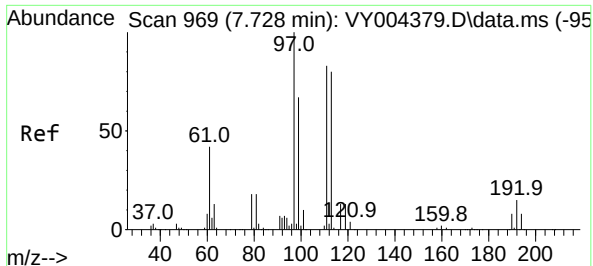
Tgt Ion: 65 Resp: 136576
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

Tgt Ion:114 Resp: 364158
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 15.9 0.0 30.8

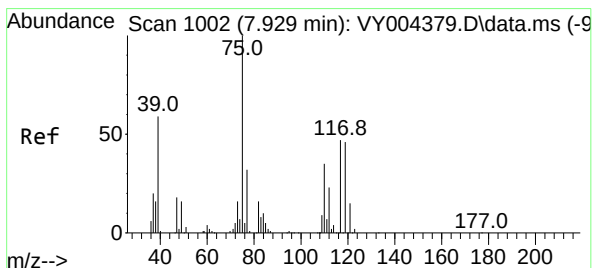
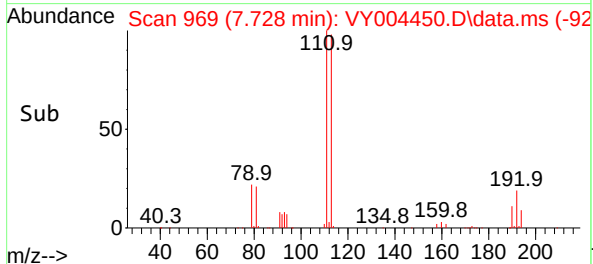
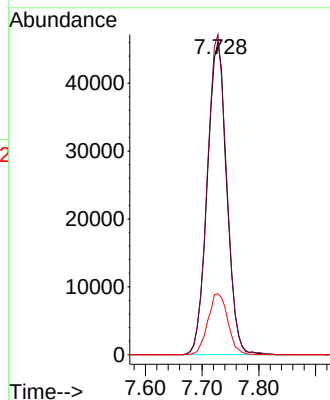
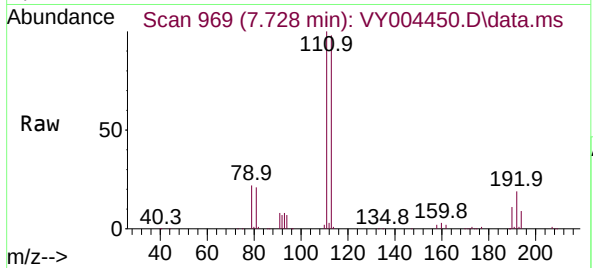




#35
Dibromofluoromethane
Concen: 54.28 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

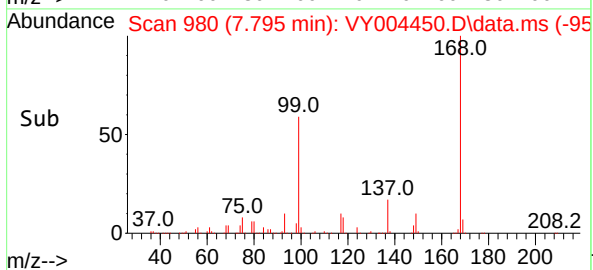
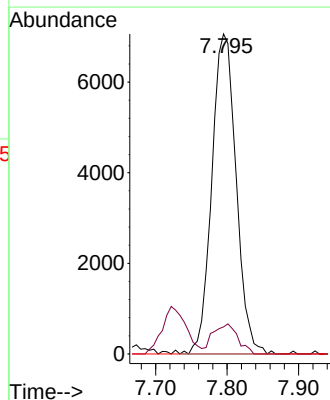
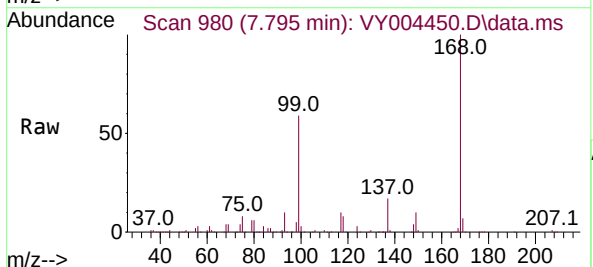
Instrument :
MSVOA_Y
ClientSampleId :

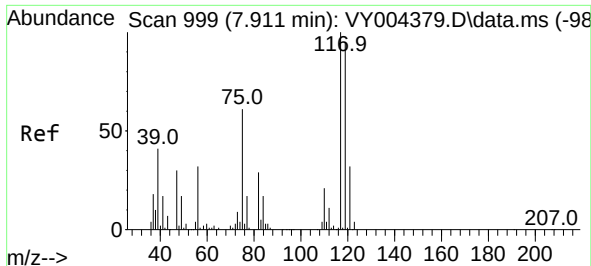
Tgt Ion:113 Resp: 109687
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 20.0 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

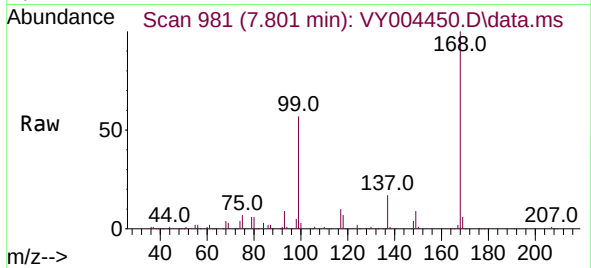
Tgt Ion: 75 Resp: 16679
Ion Ratio Lower Upper
75 100
110 9.6 17.3 51.7#
77 0.0 24.3 36.5#



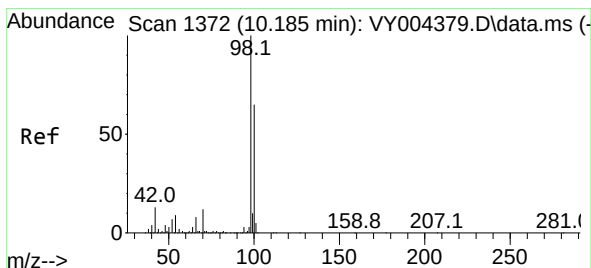
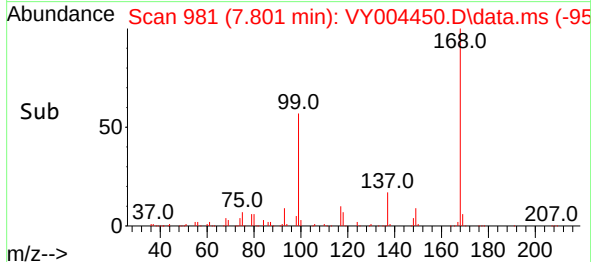
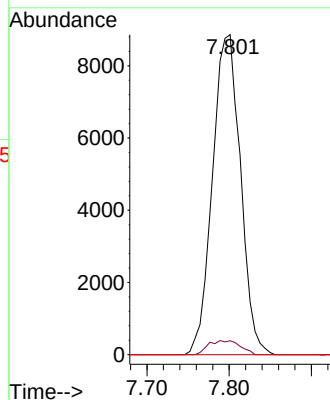


#38
Carbon Tetrachloride
Concen: 6.70 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

Instrument :
MSVOA_Y
ClientSampleId :

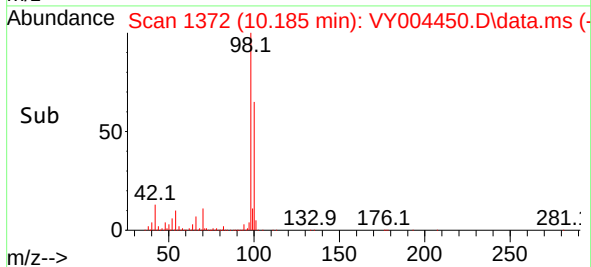
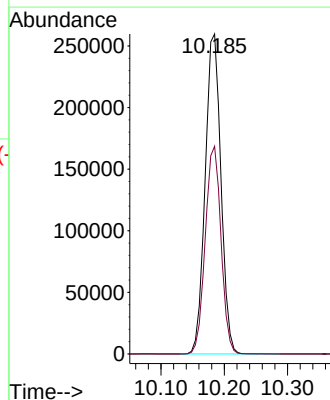
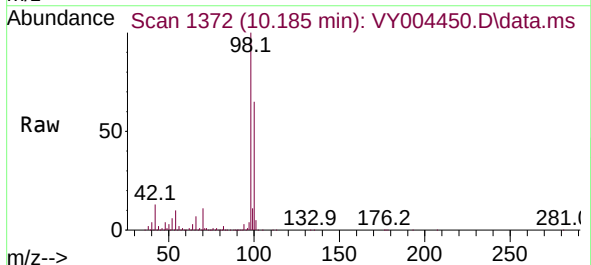


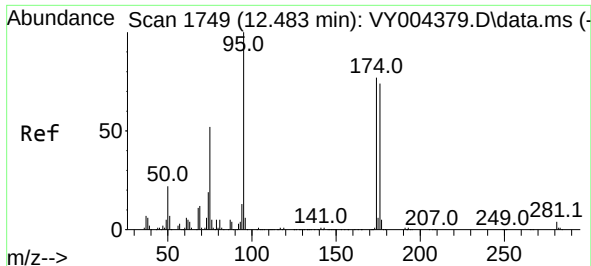
Tgt Ion:117 Resp: 20971
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.42 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

Tgt Ion: 98 Resp: 450621
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

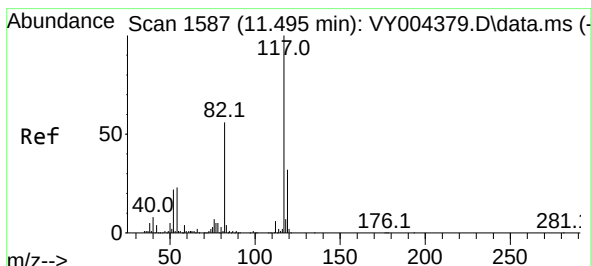
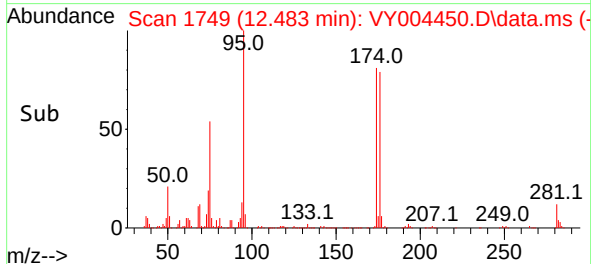
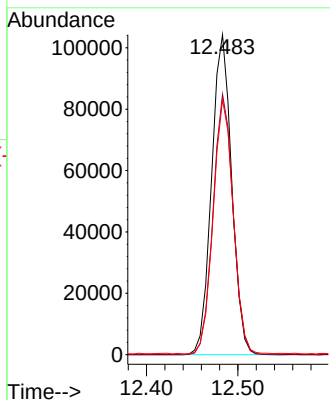
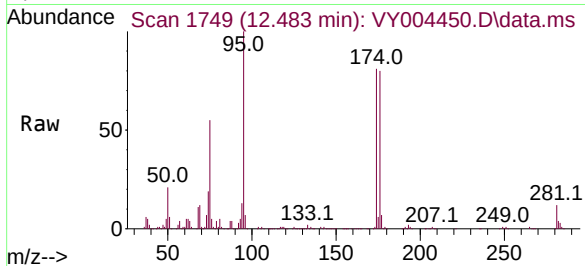




#62
4-Bromofluorobenzene
Concen: 54.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

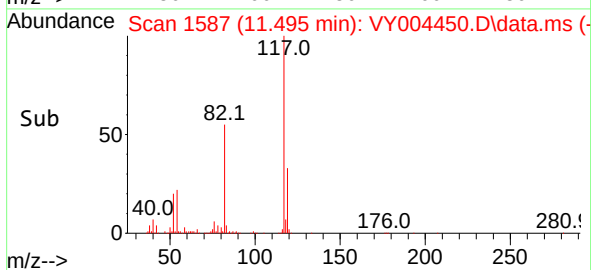
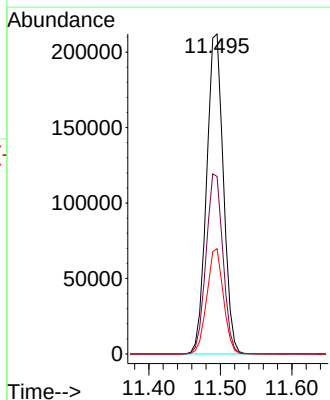
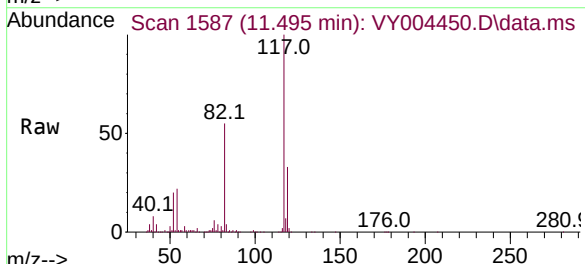
Instrument :
MSVOA_Y
ClientSampleId :

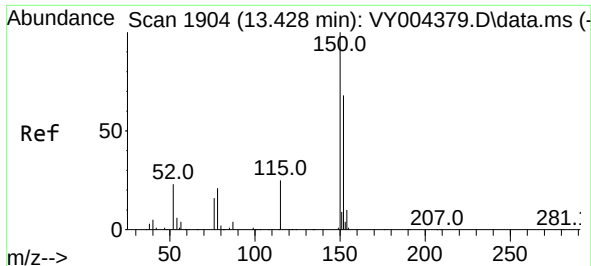
Tgt Ion: 95 Resp: 158990
Ion Ratio Lower Upper
95 100
174 81.5 0.0 162.4
176 79.9 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

Tgt Ion: 117 Resp: 345058
Ion Ratio Lower Upper
117 100
82 55.5 44.9 67.3
119 32.9 25.4 38.0

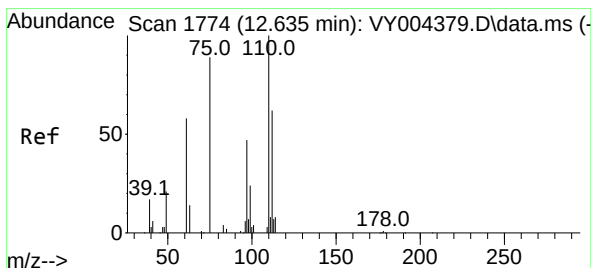
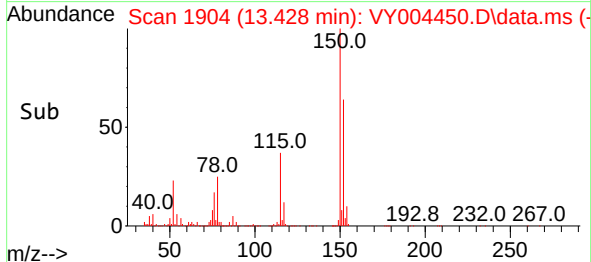
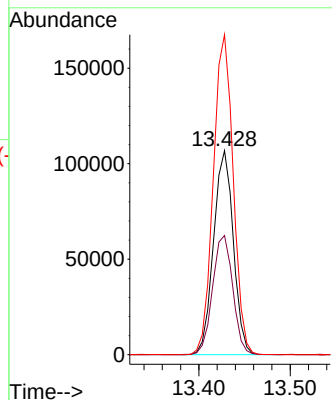
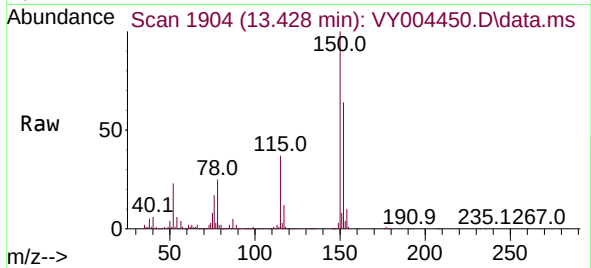




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

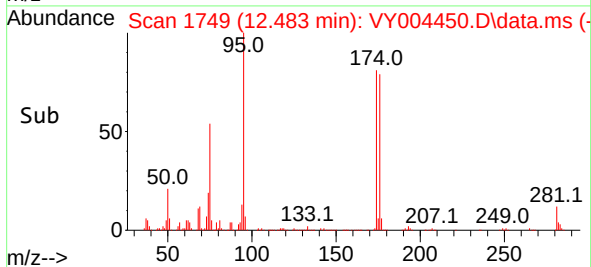
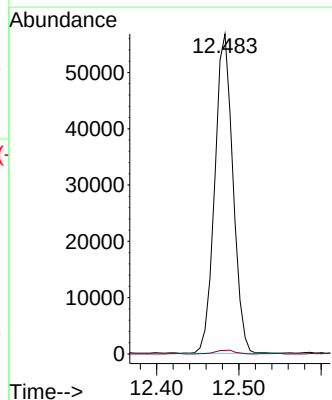
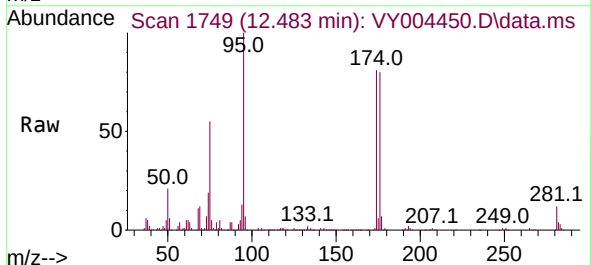
Instrument :
MSVOA_Y
ClientSampled :

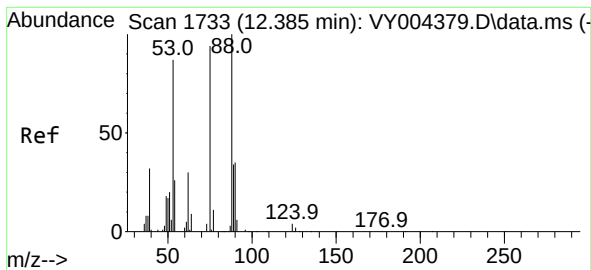
Tgt Ion:152 Resp: 160748
Ion Ratio Lower Upper
152 100
115 59.8 29.6 88.8
150 157.5 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 50.53 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004450.D
Acq: 15 Apr 2021 18:50

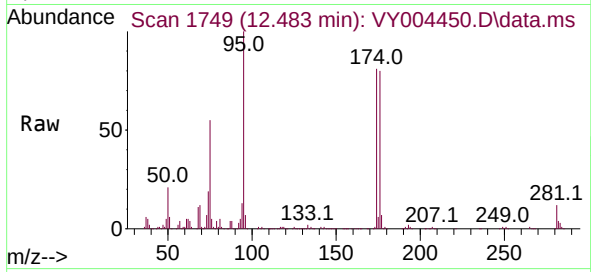
Tgt Ion: 75 Resp: 87181
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.40 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004450.D
 Acq: 15 Apr 2021 18:50

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.6	36.1	54.1#

