

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004709.D
 Acq On : 04 May 2021 12:48
 Operator : SY/MD
 Sample : M2237-01
 Misc : 6.64G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 01:32:56 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)

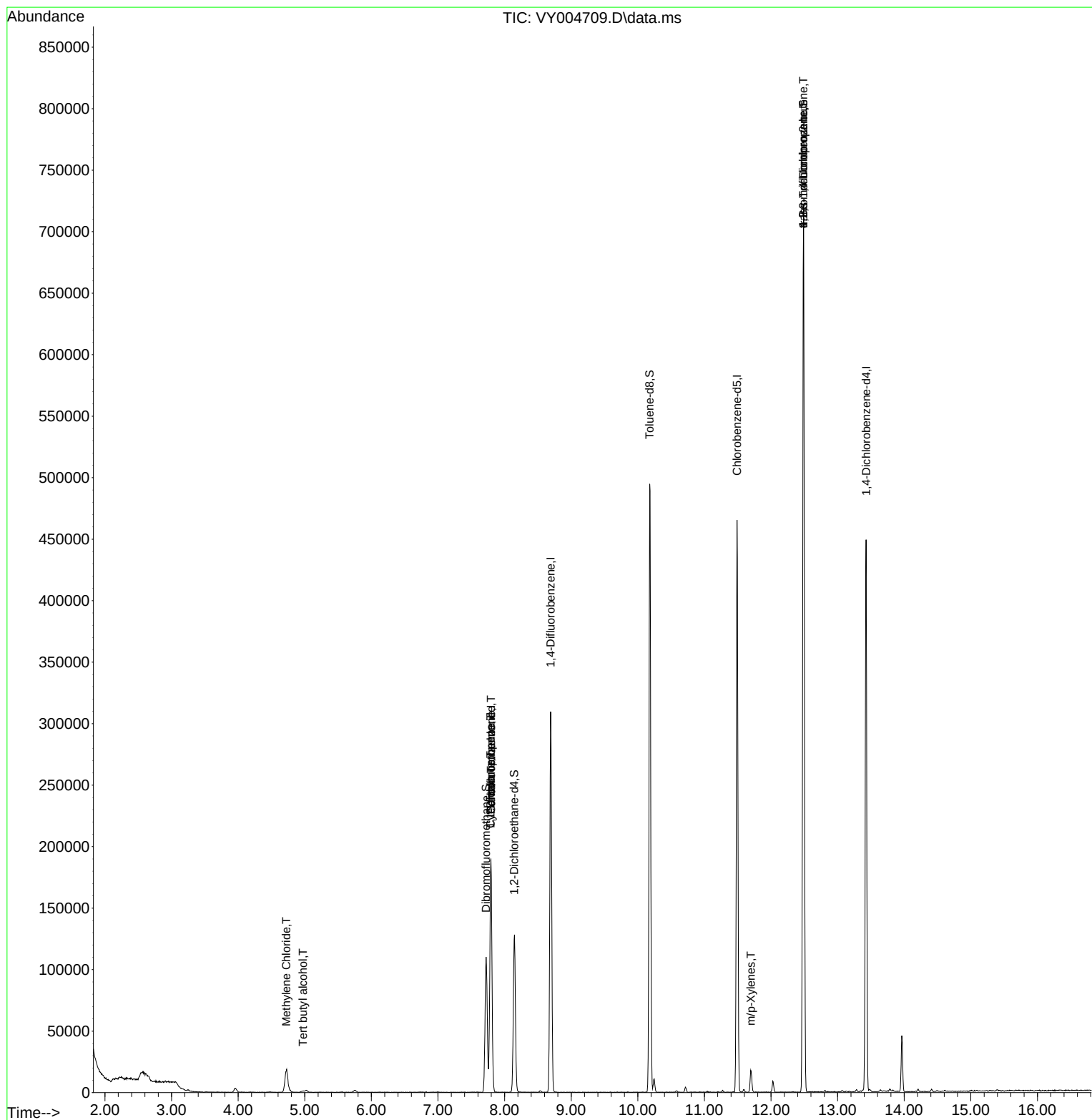
Internal Standards						
1) Pentafluorobenzene	7.795	168	141468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	238233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	97672	62.14	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.28%	
35) Dibromofluoromethane	7.722	113	75019	54.05	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.10%	
50) Toluene-d8	10.179	98	308978	52.34	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.68%	
62) 4-Bromofluorobenzene	12.483	95	108587	54.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.40%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	1974	12.74	ug/l #	80
16) Acetone	3.960	43	5859	Below Cal		94
20) Methylene Chloride	4.722	84	12772	8.41	ug/l	93
31) Cyclohexane	7.789	56	3547	1.23	ug/l #	24
36) 1,1-Dichloropropene	7.789	75	11579	4.66	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14317	6.66	ug/l #	17
68) m/p-Xylenes	11.697	106	4929	1.46	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	62810	54.35	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62810	97.22	ug/l #	13

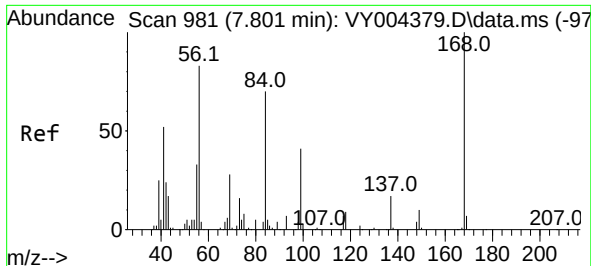
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

Quant Time: May 05 01:32:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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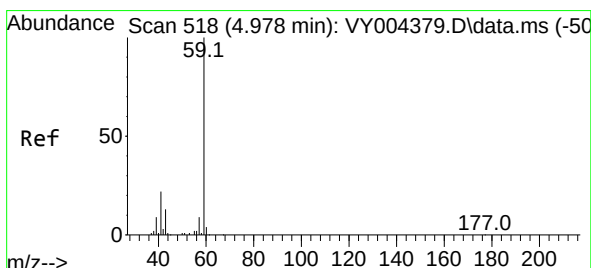
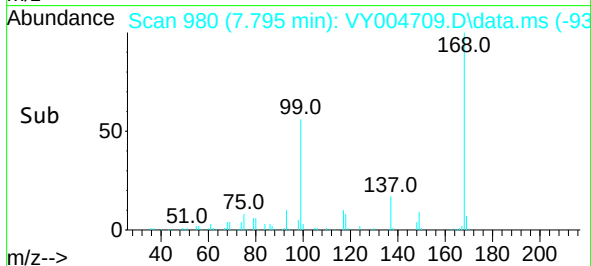
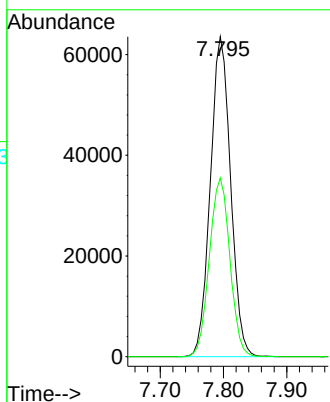
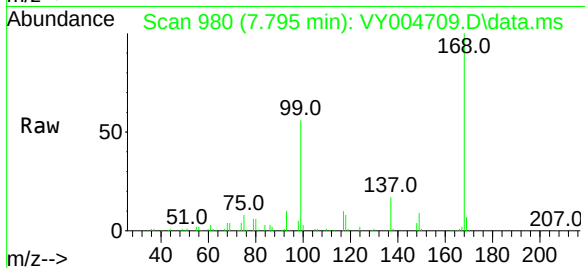




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48

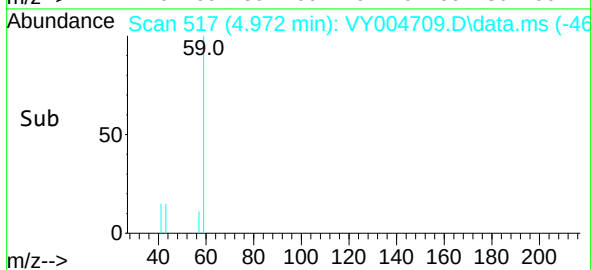
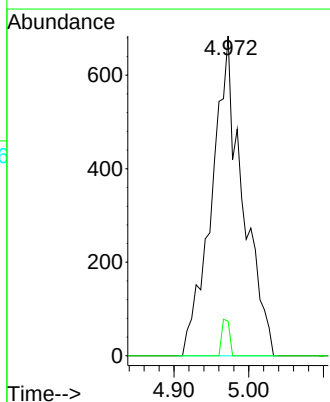
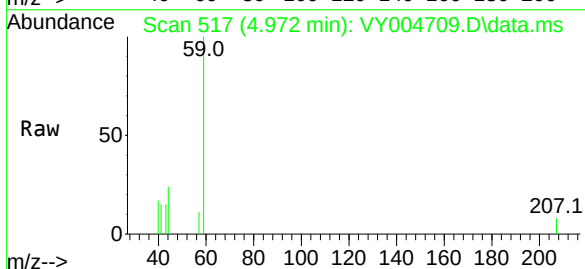
Instrument :
MSVOA_Y
ClientSampled :

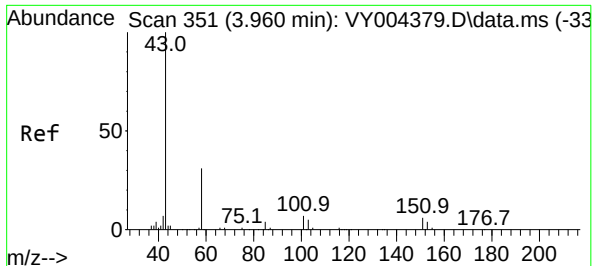
Tgt Ion:168 Resp: 141468
Ion Ratio Lower Upper
168 100
99 55.9 45.5 68.3



#11
Tert butyl alcohol
Concen: 12.74 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48

Tgt Ion: 59 Resp: 1974
Ion Ratio Lower Upper
59 100
57 2.8 8.1 12.1#

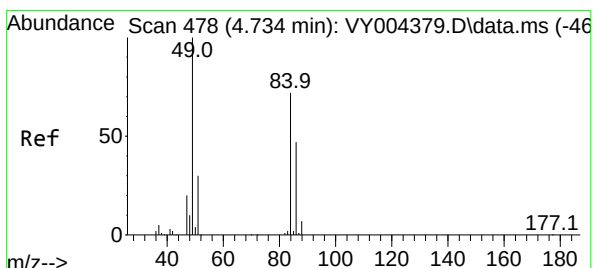
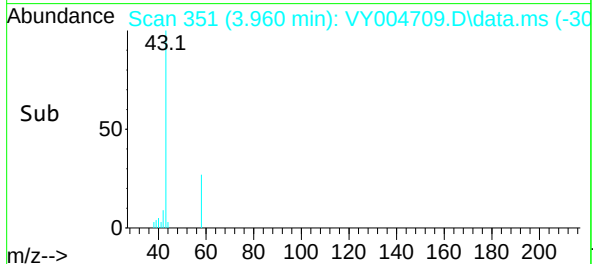
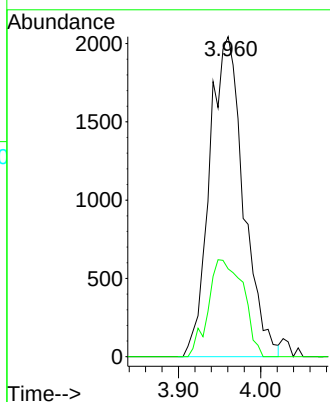
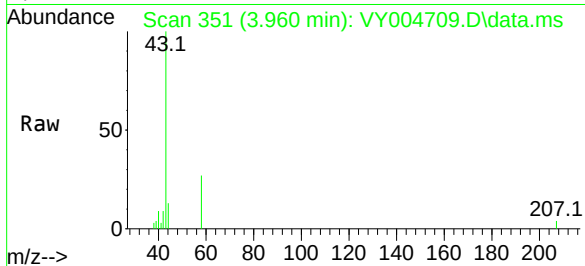




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48

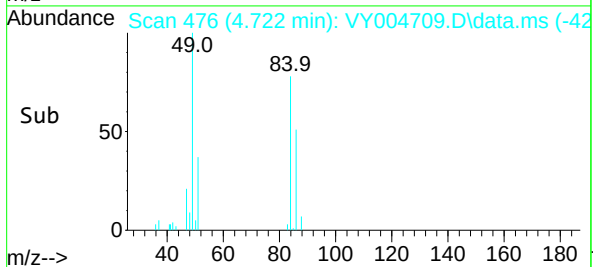
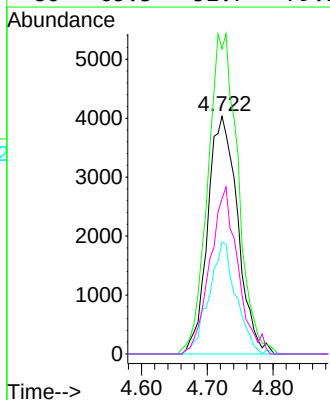
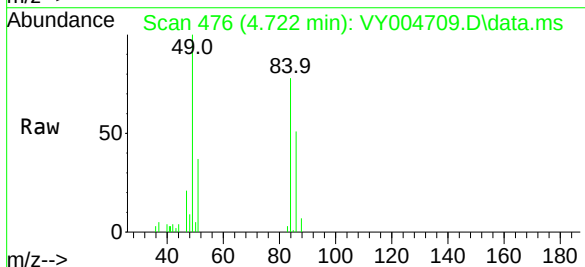
Instrument :
MSVOA_Y
ClientSampled :

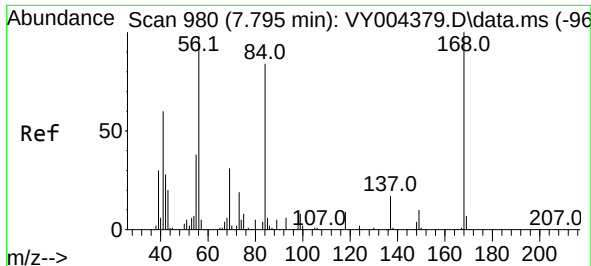
Tgt Ion: 43 Resp: 5859
Ion Ratio Lower Upper
43 100
58 27.4 24.6 37.0



#20
Methylene Chloride
Concen: 8.41 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48

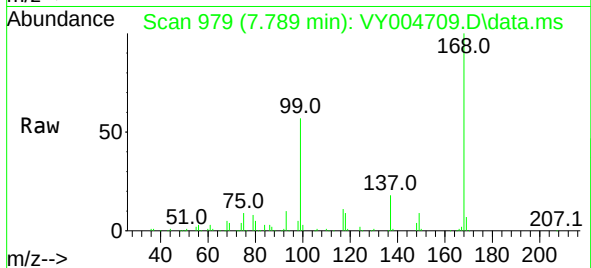
Tgt Ion: 84 Resp: 12772
Ion Ratio Lower Upper
84 100
49 128.4 111.2 166.8
51 47.1 33.4 50.2
86 65.3 52.7 79.1



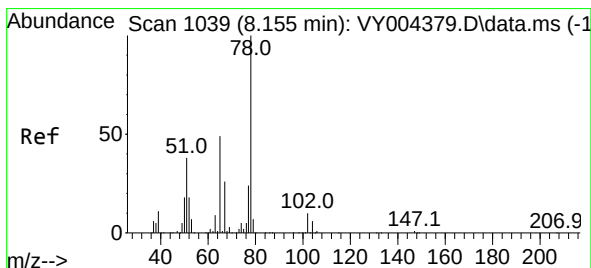
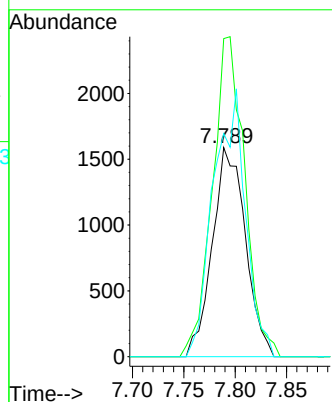
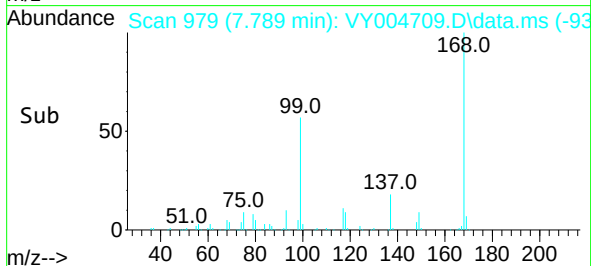


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48

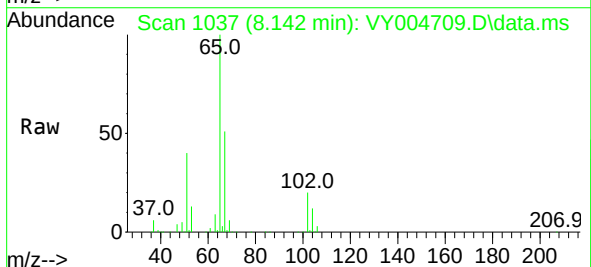
Instrument :
MSVOA_Y
ClientSampleId :



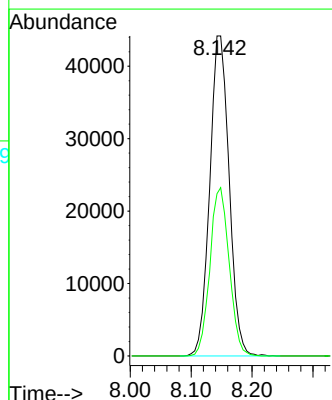
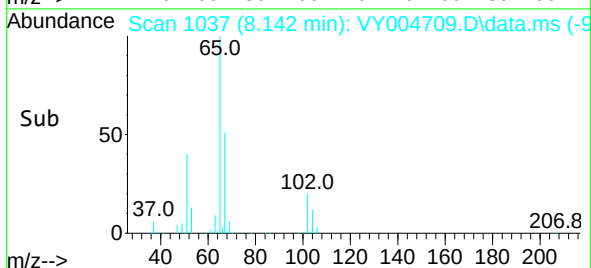
Tgt Ion: 56 Resp: 3547
Ion Ratio Lower Upper
56 100
69 152.0 25.8 38.6#
84 106.7 68.2 102.4#

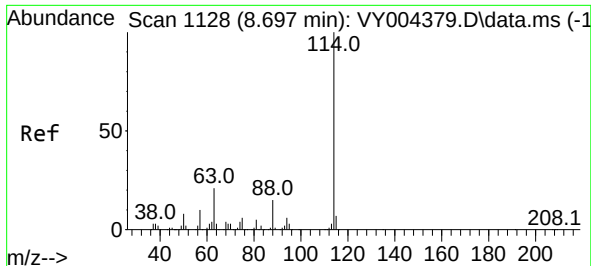


#33
1,2-Dichloroethane-d4
Concen: 62.14 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48



Tgt Ion: 65 Resp: 97672
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.4

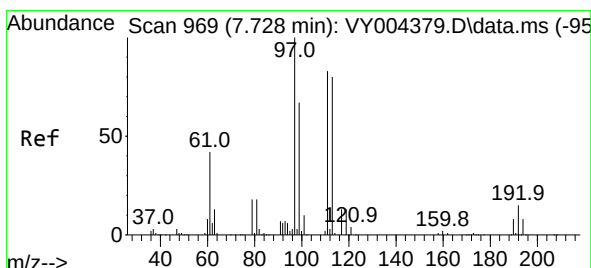
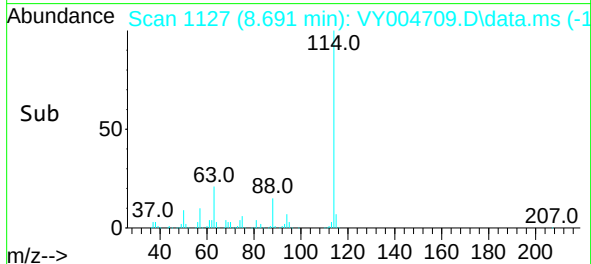
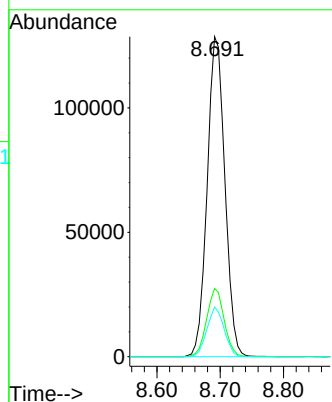
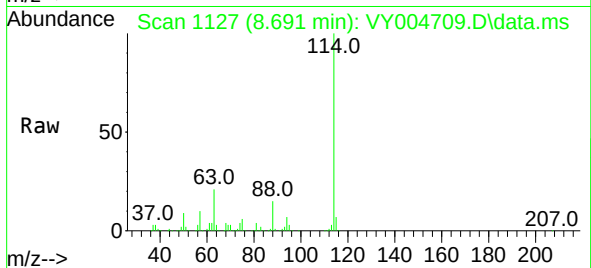




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48

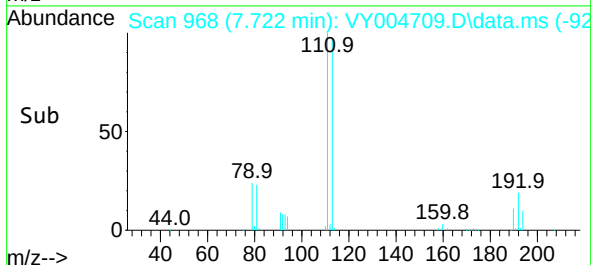
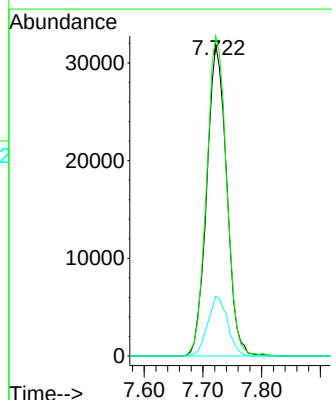
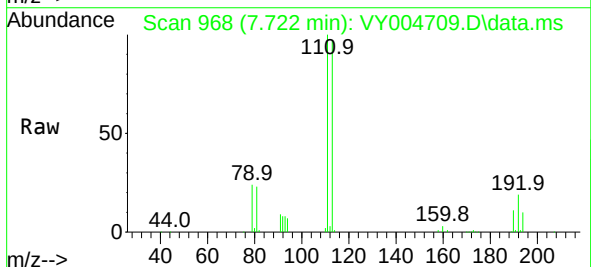
Instrument :
MSVOA_Y
ClientSampled :

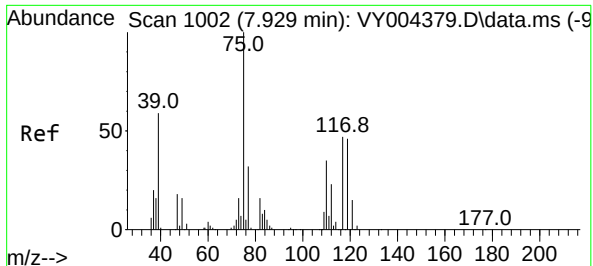
Tgt Ion:114 Resp: 250095
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.4
88 15.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.05 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48

Tgt Ion:113 Resp: 75019
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.1 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.66 ug/l

RT: 7.789 min Scan# 979

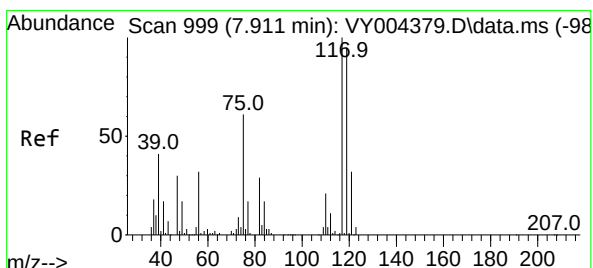
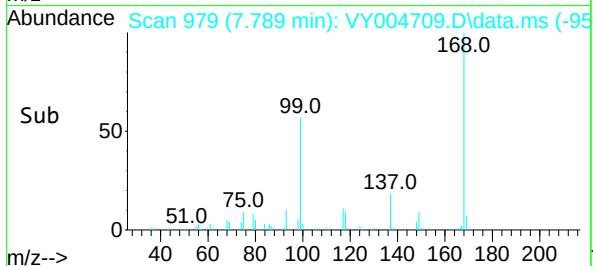
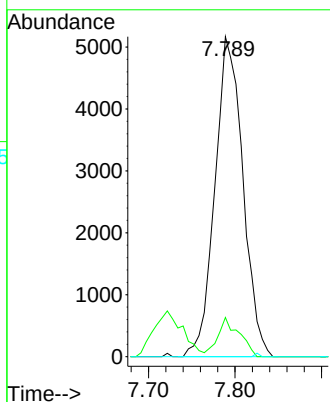
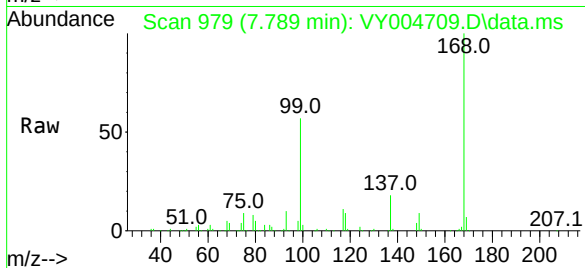
Delta R.T. -0.140 min

Lab File: VY004709.D

Acq: 04 May 2021 12:48

Tgt Ion:	75	Resp:	11579
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.66 ug/l

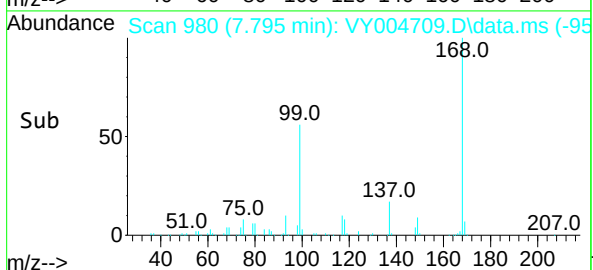
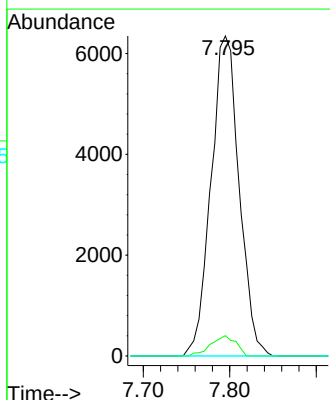
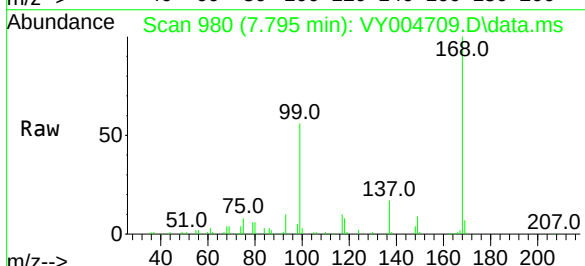
RT: 7.795 min Scan# 980

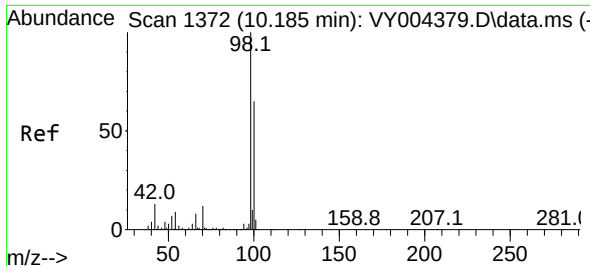
Delta R.T. -0.116 min

Lab File: VY004709.D

Acq: 04 May 2021 12:48

Tgt Ion:	117	Resp:	14317
Ion	Ratio	Lower	Upper
117	100		
119	6.4	75.8	113.8#
121	0.0	25.3	37.9#

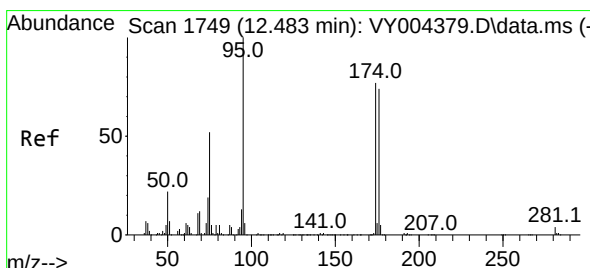
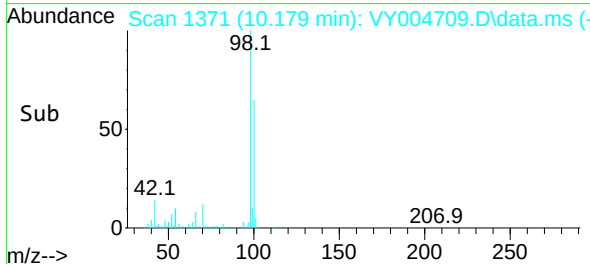
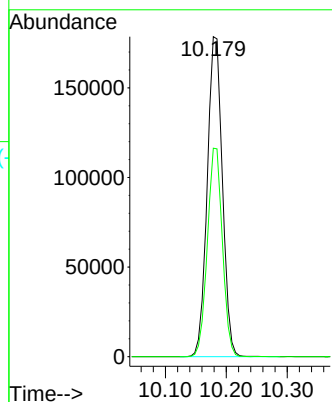
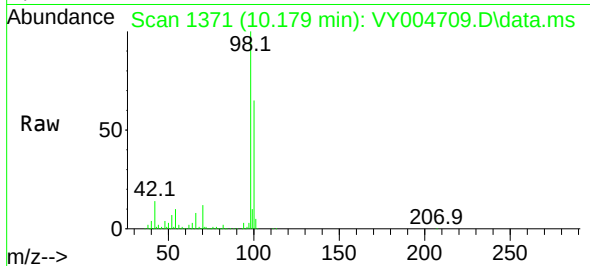




#50
Toluene-d8
Concen: 52.34 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48

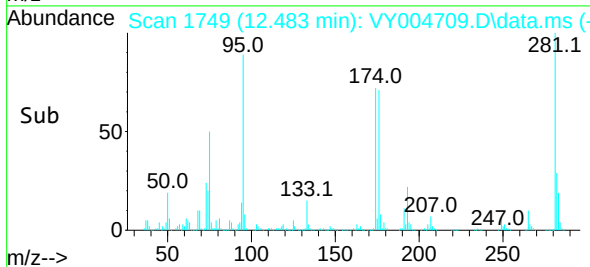
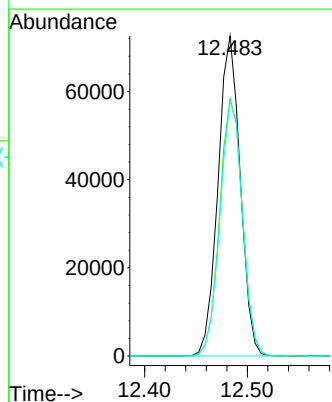
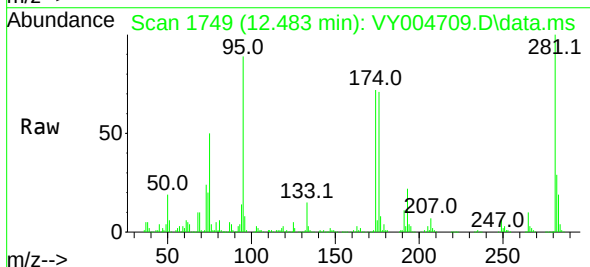
Instrument :
MSVOA_Y
ClientSampled :

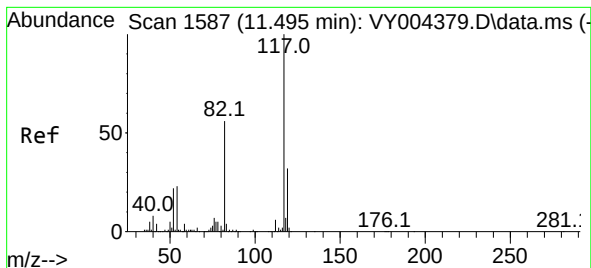
Tgt Ion: 98 Resp: 308978
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.20 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48

Tgt Ion: 95 Resp: 108587
Ion Ratio Lower Upper
95 100
174 82.3 0.0 162.4
176 80.8 0.0 156.0

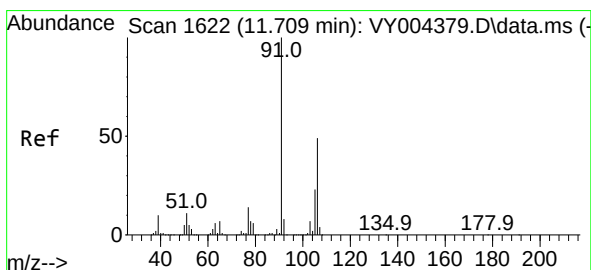
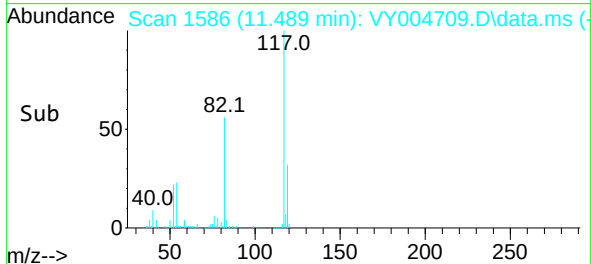
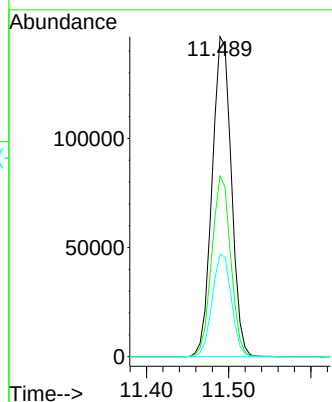
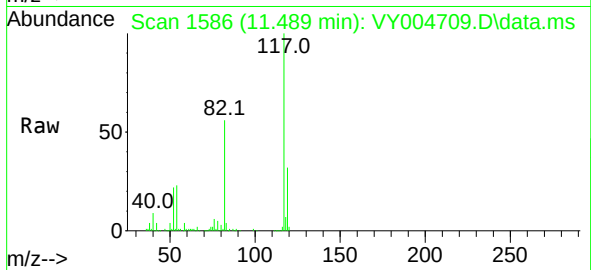




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48

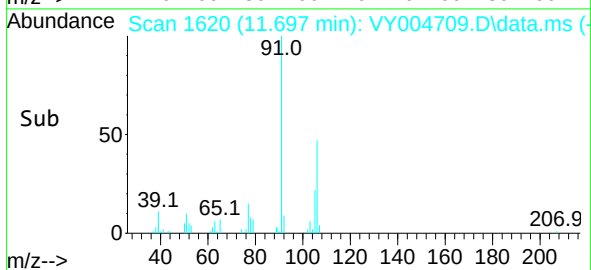
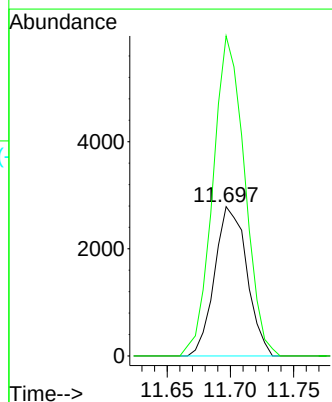
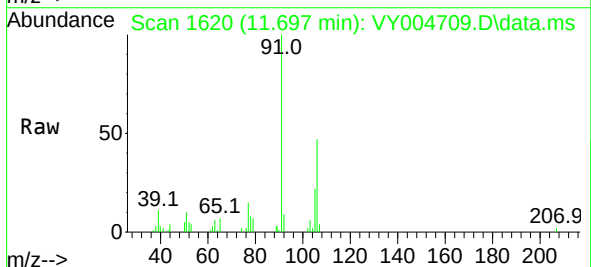
Instrument :
MSVOA_Y
ClientSampled :

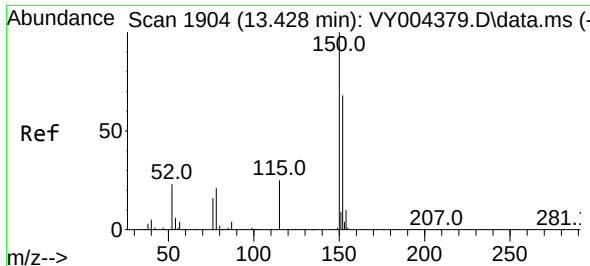
Tgt Ion:117 Resp: 238233
Ion Ratio Lower Upper
117 100
82 56.4 44.9 67.3
119 32.0 25.4 38.0



#68
m/p-Xylenes
Concen: 1.46 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.012 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48

Tgt Ion:106 Resp: 4929
Ion Ratio Lower Upper
106 100
91 211.3 163.2 244.8

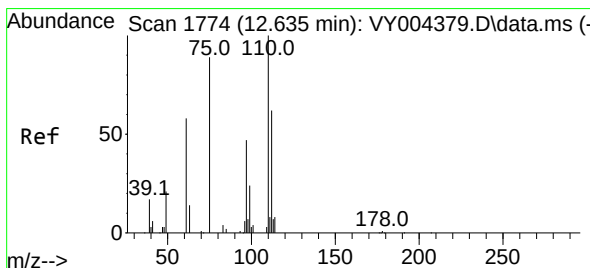
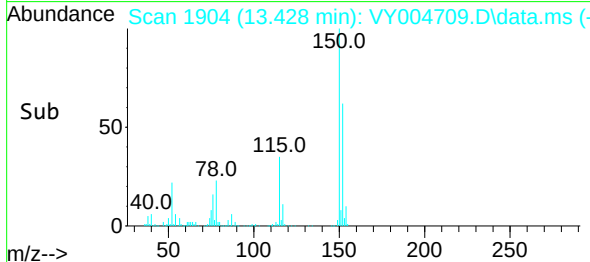
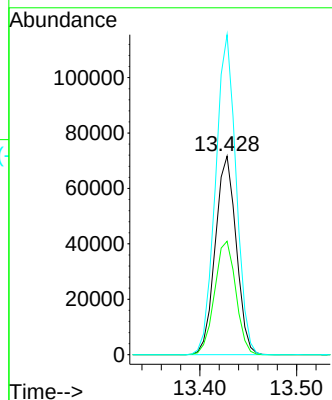
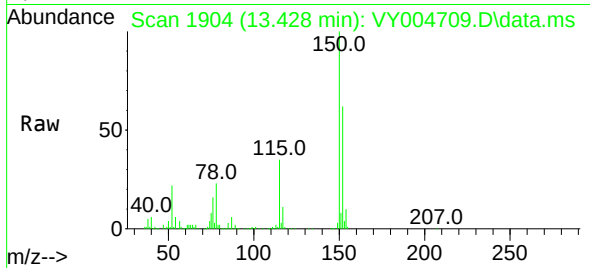




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48

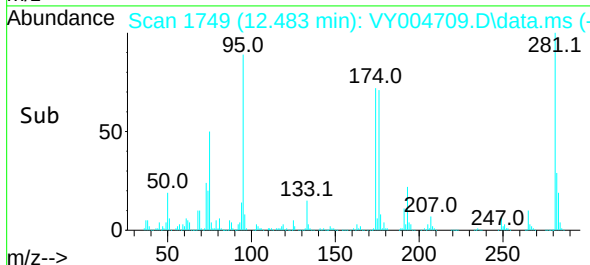
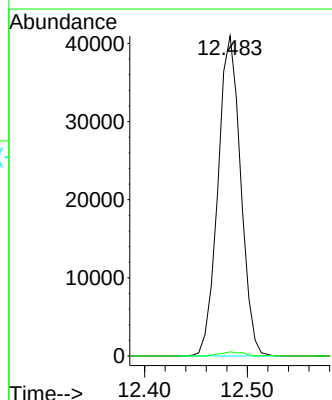
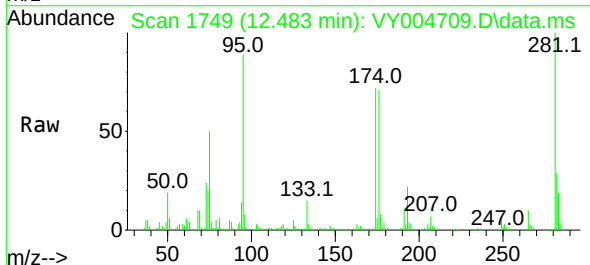
Instrument :
MSVOA_Y
ClientSampled :

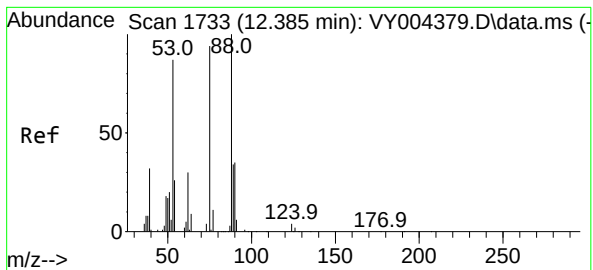
Tgt Ion:152 Resp: 107679
Ion Ratio Lower Upper
152 100
115 58.0 29.6 88.8
150 158.2 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 54.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004709.D
Acq: 04 May 2021 12:48

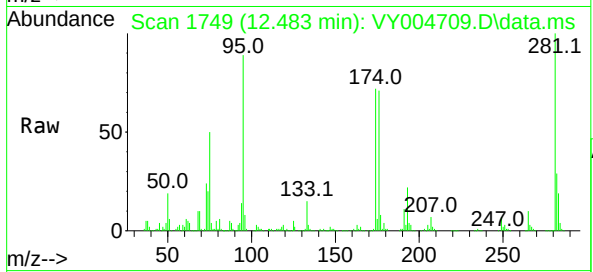
Tgt Ion: 75 Resp: 62810
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.22 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004709.D
 Acq: 04 May 2021 12:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	62810
Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	2.3	36.1	54.1#

