

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004706.D
 Acq On : 04 May 2021 11:38
 Operator : SY/MD
 Sample : M2235-01
 Misc : 4.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 01:32:13 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)

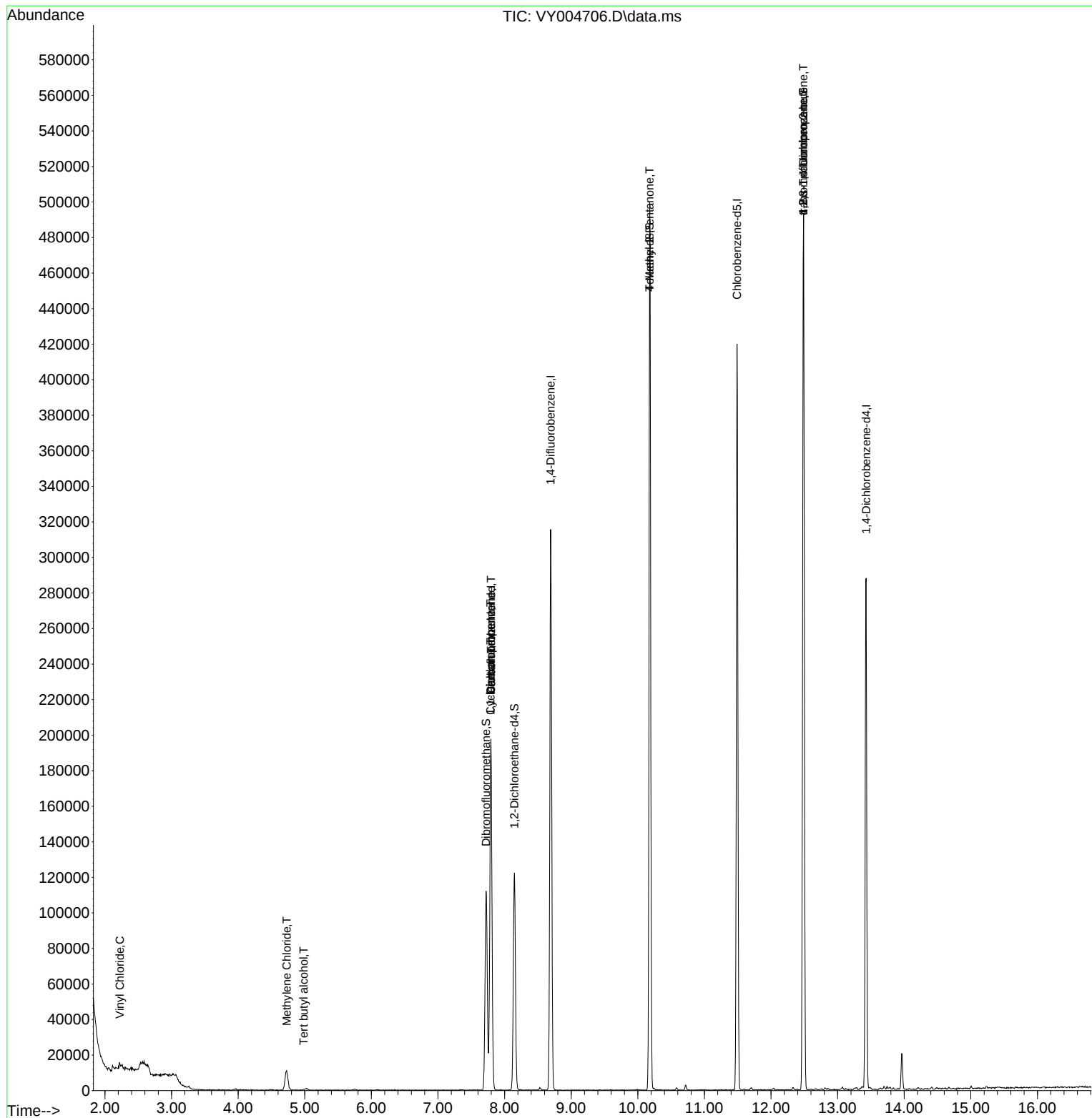
Internal Standards						
1) Pentafluorobenzene	7.795	168	147301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	213142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95052	58.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.16%
35) Dibromofluoromethane	7.722	113	75938	53.39	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.78%
50) Toluene-d8	10.179	98	307129	50.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.52%
62) 4-Bromofluorobenzene	12.483	95	81923	39.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.80%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.223	62	3612	1.73	ug/l #	43
11) Tert butyl alcohol	4.985	59	341	2.11	ug/l #	73
16) Acetone	3.960	43	1166	Below Cal		99
20) Methylene Chloride	4.728	84	7795	4.93	ug/l	93
31) Cyclohexane	7.789	56	3470	1.16	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	12161	4.77	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15152	6.88	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1651	1.03	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	48551	63.00	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48551	112.70	ug/l #	13

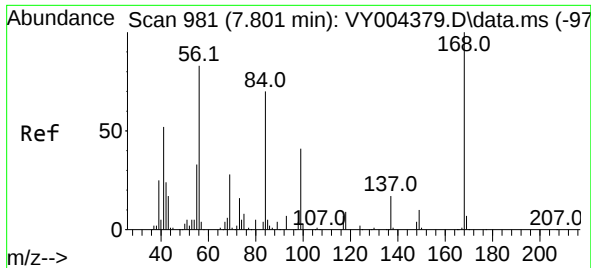
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
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Quant Time: May 05 01:32:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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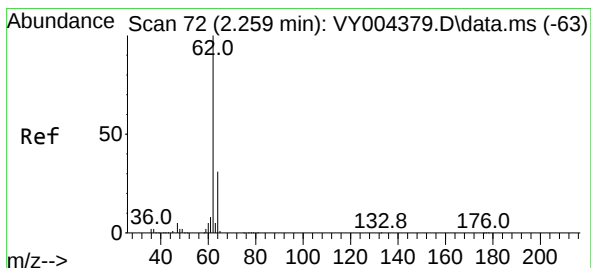
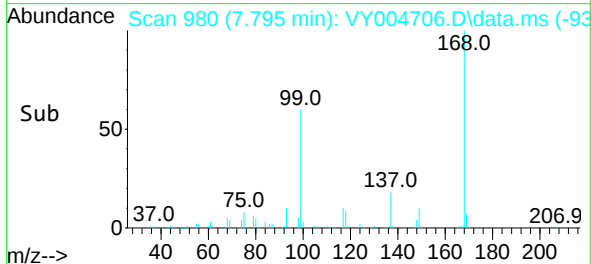
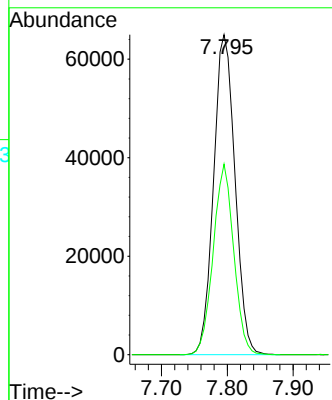
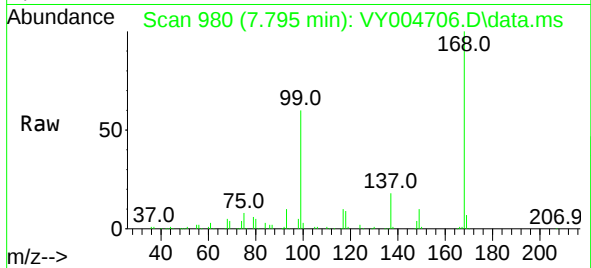




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

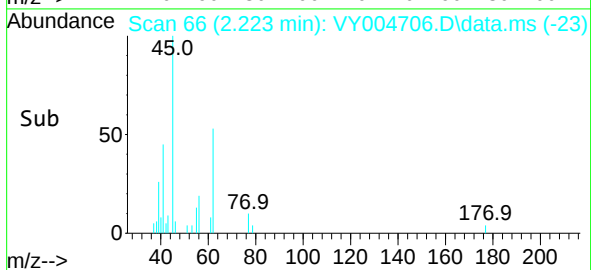
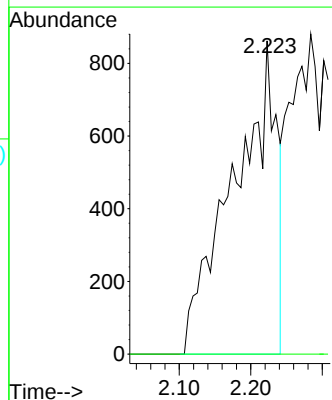
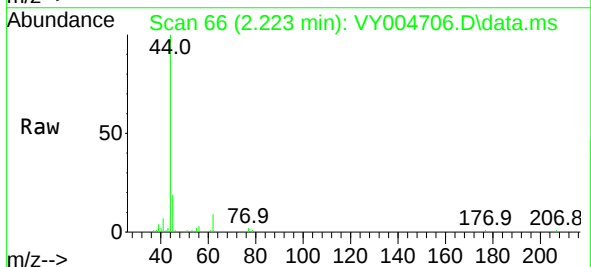
Instrument :
MSVOA_Y
ClientSampled :

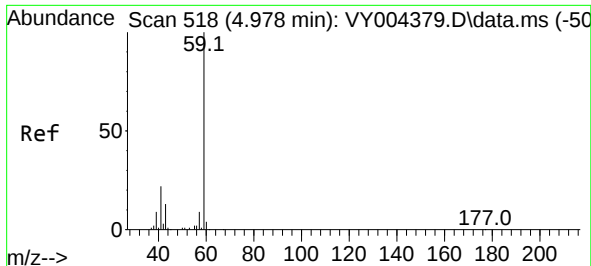
Tgt Ion:168 Resp: 147301
Ion Ratio Lower Upper
168 100
99 59.6 45.5 68.3



#4
Vinyl Chloride
Concen: 1.73 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.036 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

Tgt Ion: 62 Resp: 3612
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

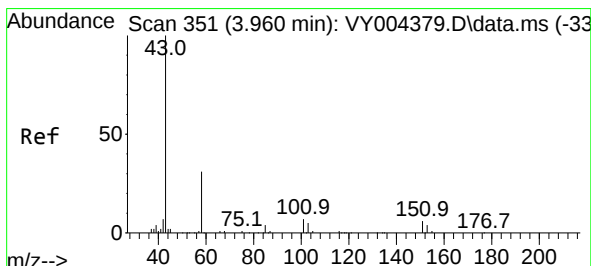
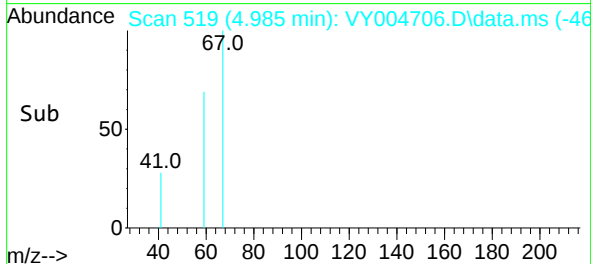
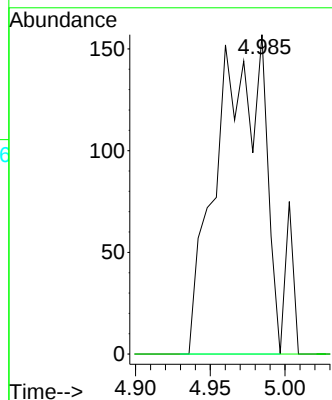
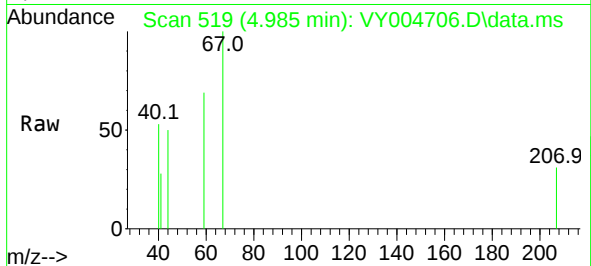




#11
Tert butyl alcohol
Concen: 2.11 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

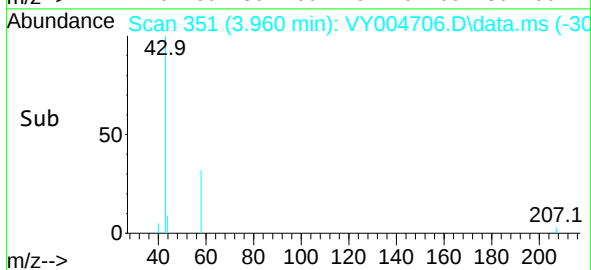
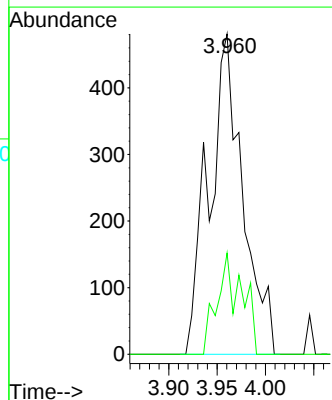
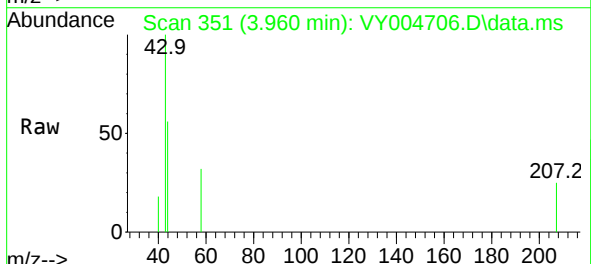
Instrument :
MSVOA_Y
ClientSampled :

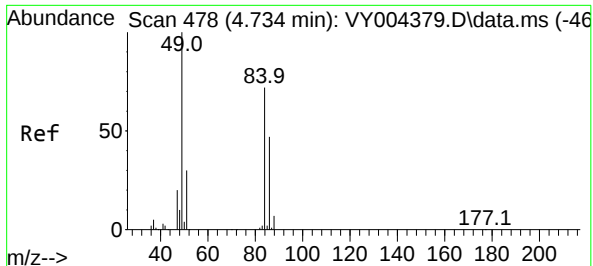
Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

Tgt Ion: 43 Resp: 1166
Ion Ratio Lower Upper
43 100
58 31.6 24.6 37.0





#20

Methylene Chloride

Concen: 4.93 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY004706.D

Acq: 04 May 2021 11:38

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 84 Resp: 7795

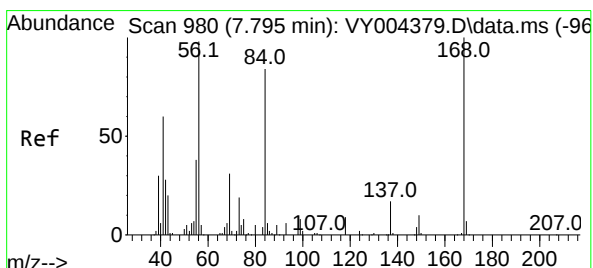
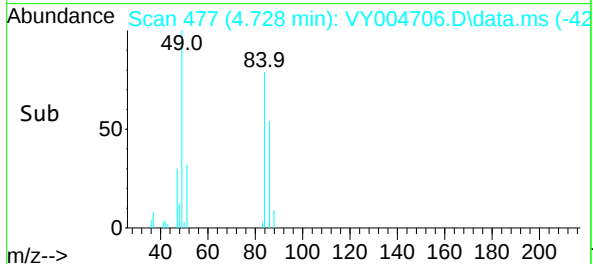
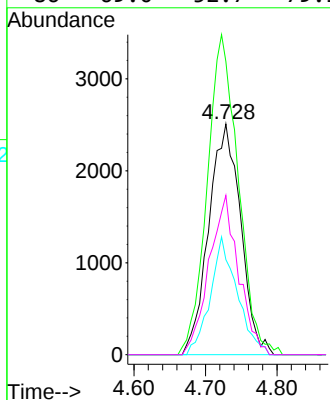
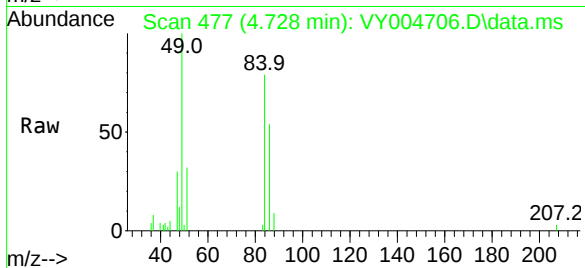
Ion Ratio Lower Upper

84 100

49 127.1 111.2 166.8

51 41.2 33.4 50.2

86 69.0 52.7 79.1



#31

Cyclohexane

Concen: 1.16 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY004706.D

Acq: 04 May 2021 11:38

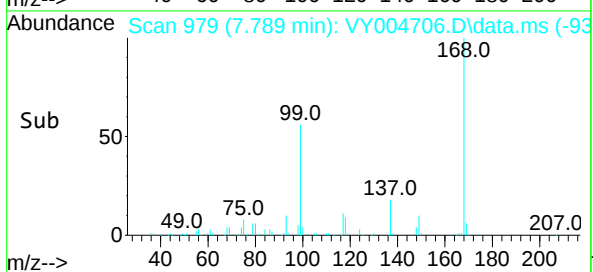
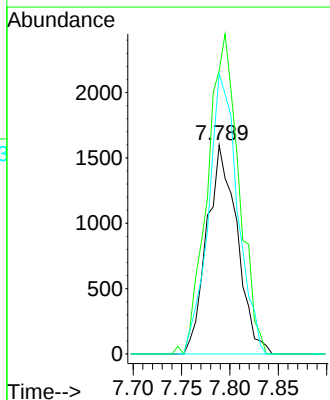
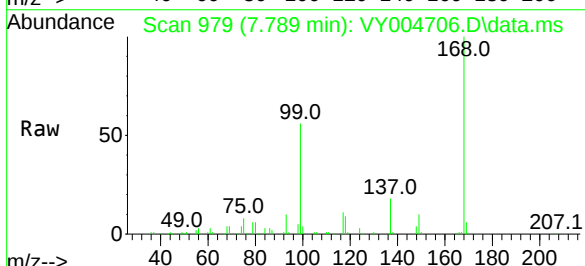
Tgt Ion: 56 Resp: 3470

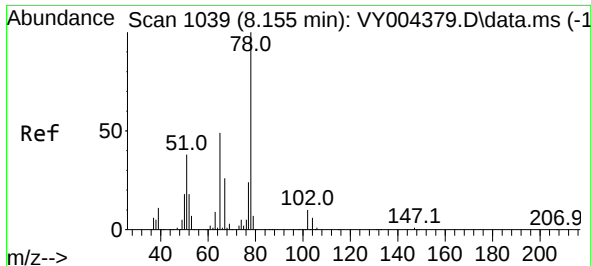
Ion Ratio Lower Upper

56 100

69 135.5 25.8 38.6#

84 134.2 68.2 102.4#

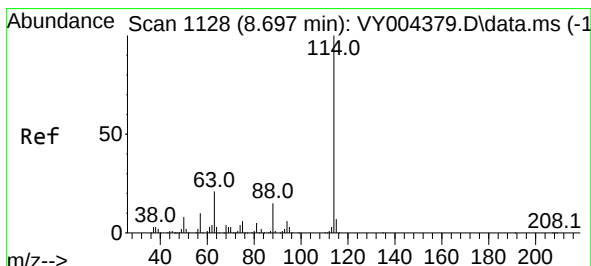
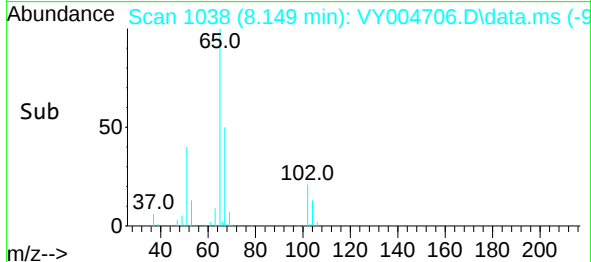
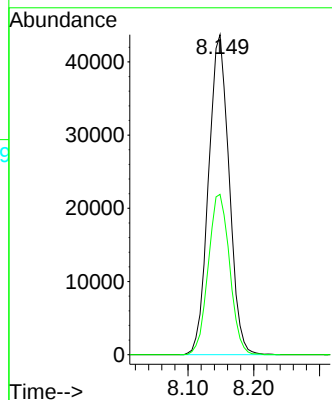
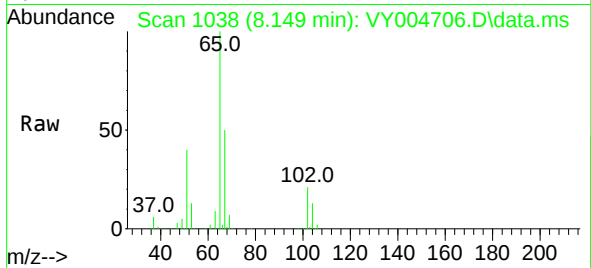




#33
1,2-Dichloroethane-d4
Concen: 58.08 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

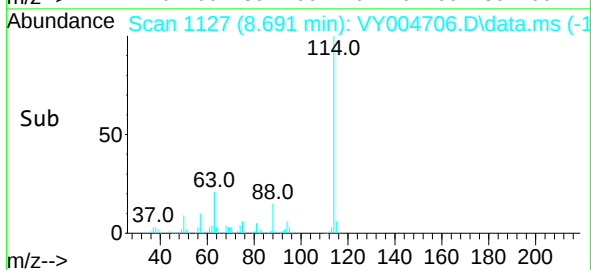
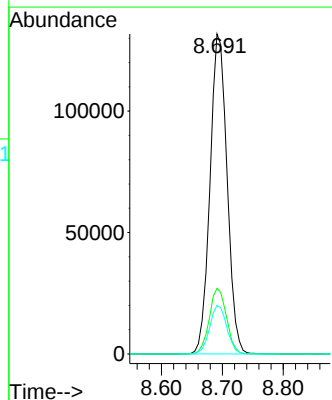
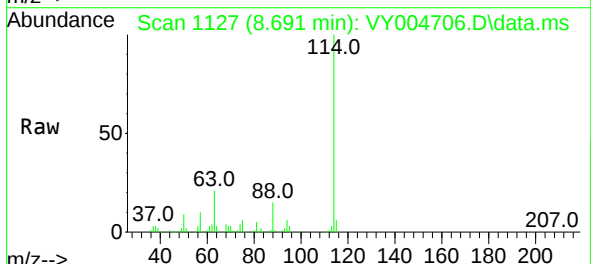
Instrument :
MSVOA_Y
ClientSampled :

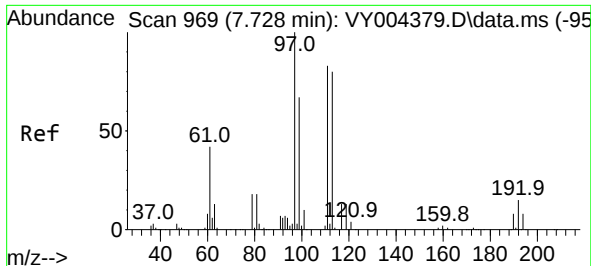
Tgt Ion: 65 Resp: 95052
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

Tgt Ion:114 Resp: 256309
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 15.2 0.0 30.8

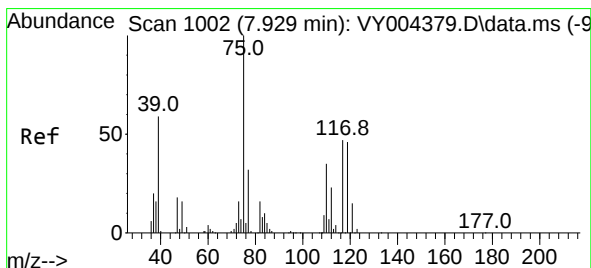
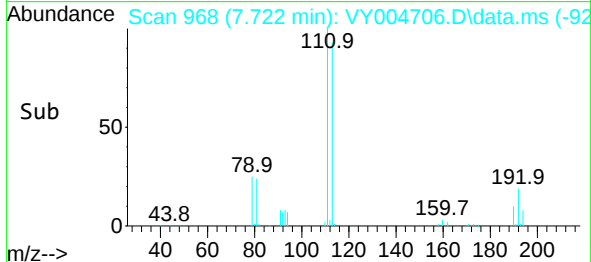
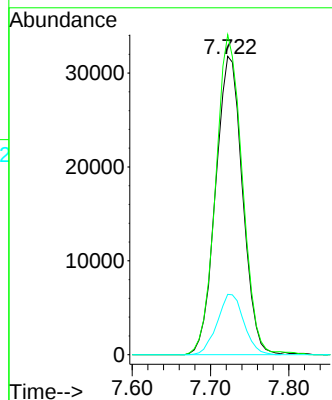
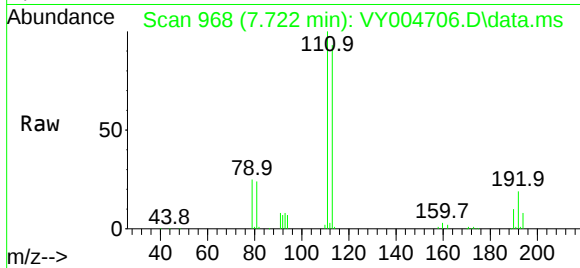




#35
Dibromofluoromethane
Concen: 53.39 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

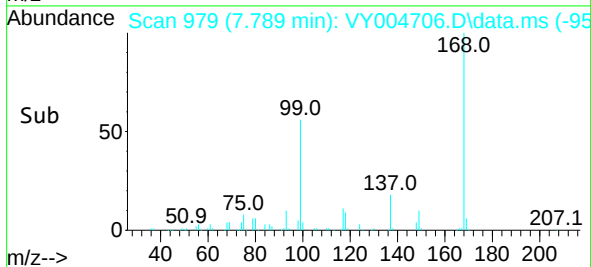
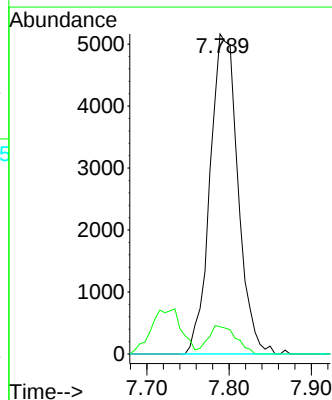
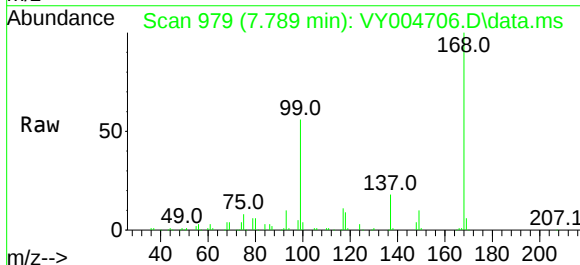
Instrument :
MSVOA_Y
ClientSampleId :

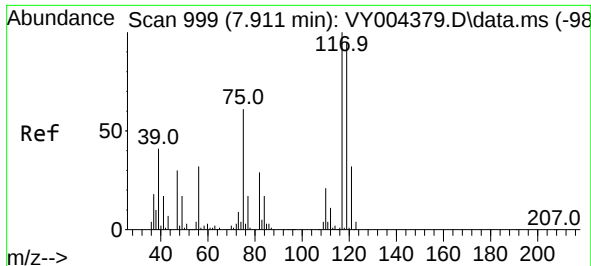
Tgt Ion:113 Resp: 75938
Ion Ratio Lower Upper
113 100
111 106.0 82.6 123.8
192 20.0 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

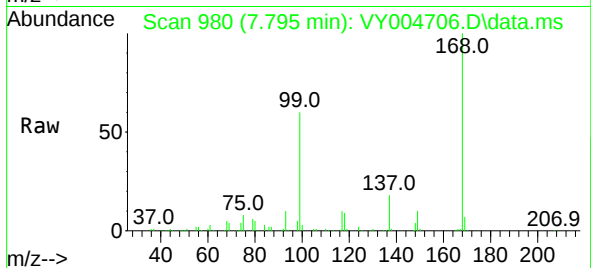
Tgt Ion: 75 Resp: 12161
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.7#
77 0.0 24.3 36.5#



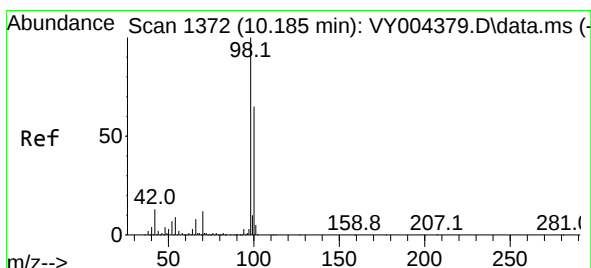
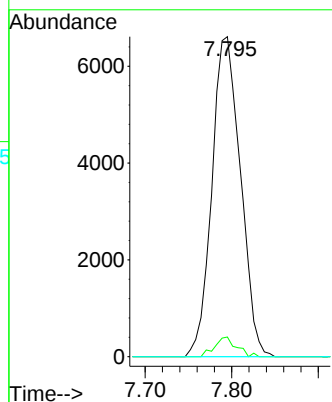
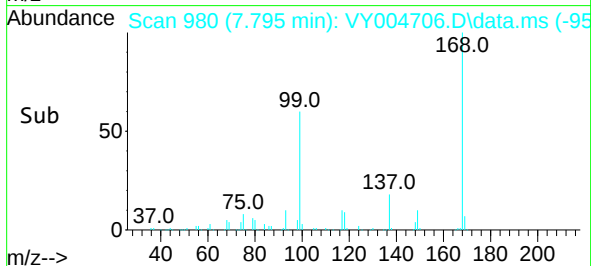


#38
Carbon Tetrachloride
Concen: 6.88 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

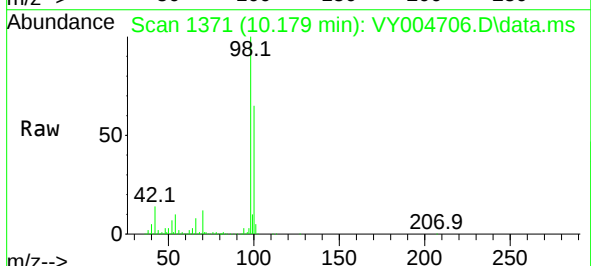
Instrument :
MSVOA_Y
ClientSampleId :



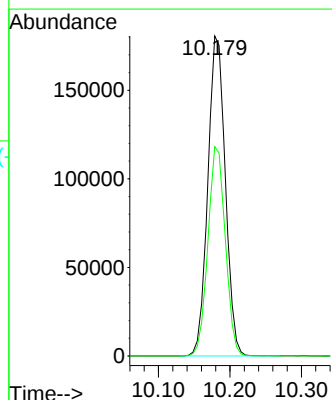
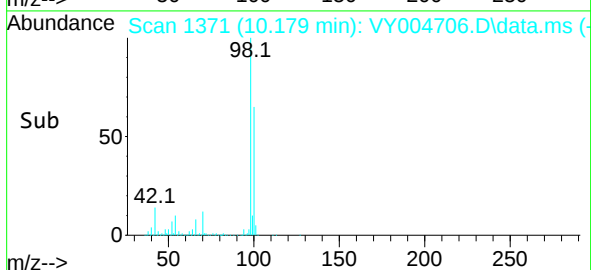
Tgt Ion:117 Resp: 15152
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 25.3 37.9#

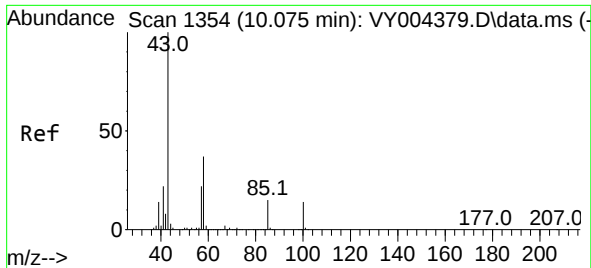


#50
Toluene-d8
Concen: 50.76 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38



Tgt Ion: 98 Resp: 307129
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

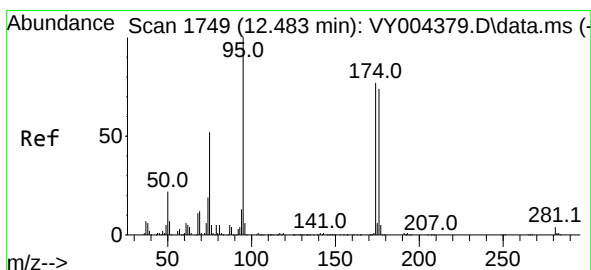
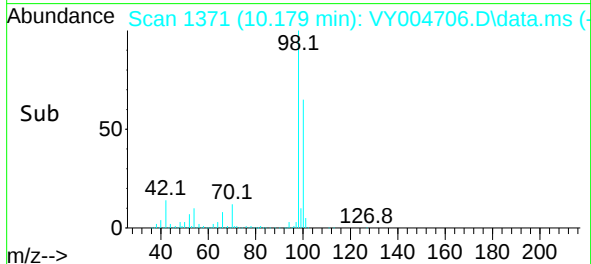
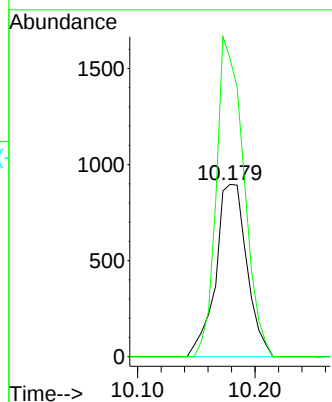
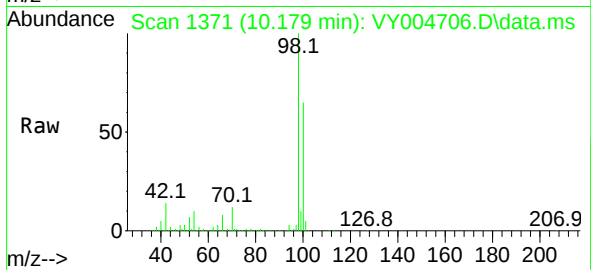




#51
4-Methyl-2-Pentanone
Concen: 1.03 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

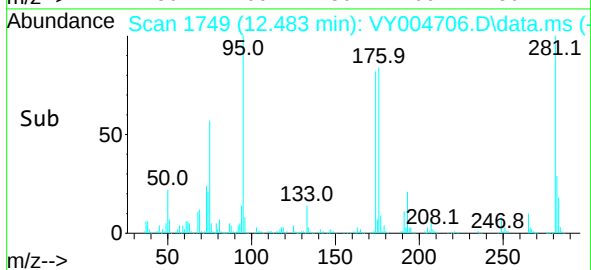
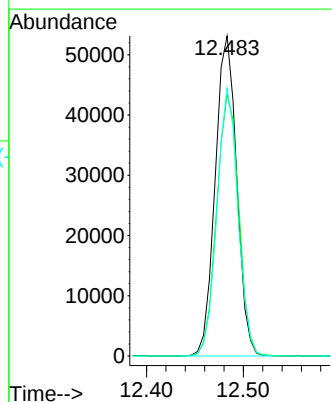
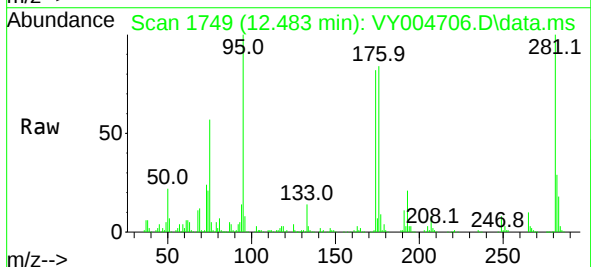
Instrument :
MSVOA_Y
ClientSampled :

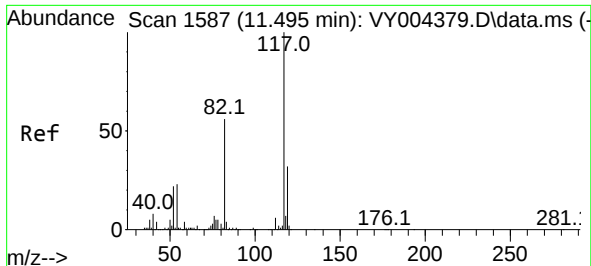
Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
58 163.4 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 39.90 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

Tgt Ion: 95 Resp: 81923
Ion Ratio Lower Upper
95 100
174 84.0 0.0 162.4
176 81.6 0.0 156.0

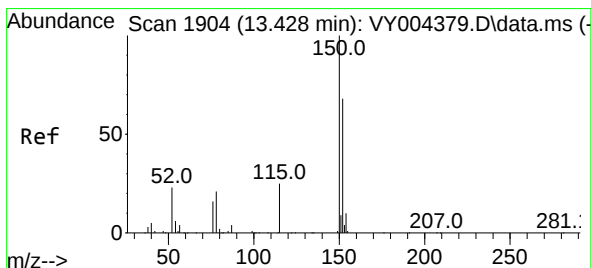
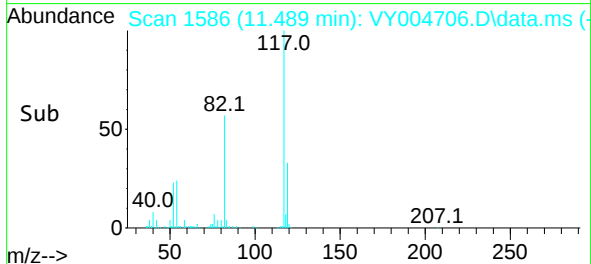
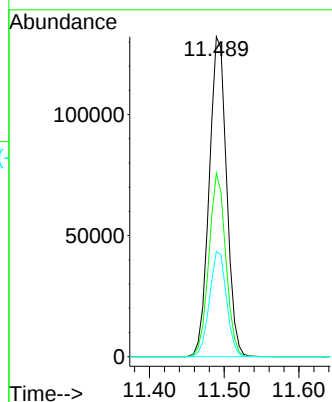
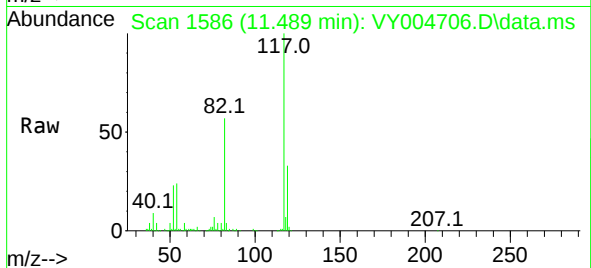




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

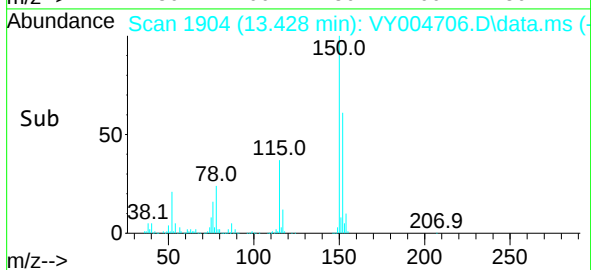
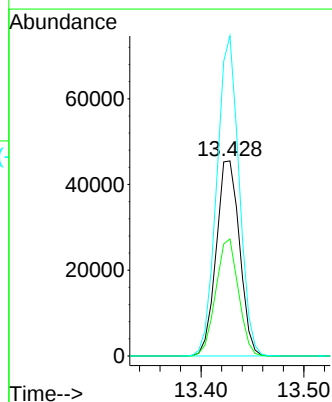
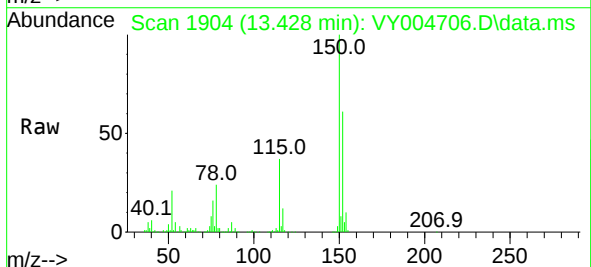
Instrument :
MSVOA_Y
ClientSampled :

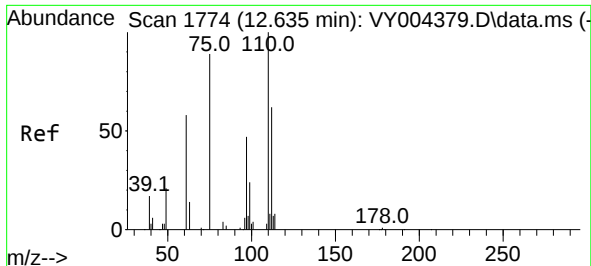
Tgt Ion:117 Resp: 213142
Ion Ratio Lower Upper
117 100
82 57.3 44.9 67.3
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

Tgt Ion:152 Resp: 71801
Ion Ratio Lower Upper
152 100
115 58.1 29.6 88.8
150 156.4 0.0 348.4

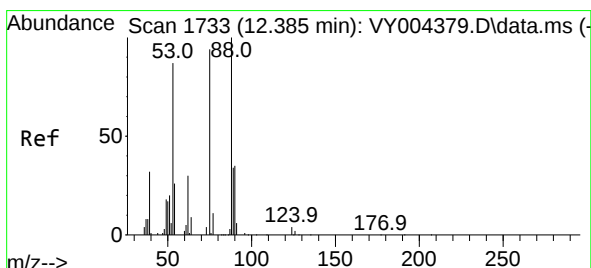
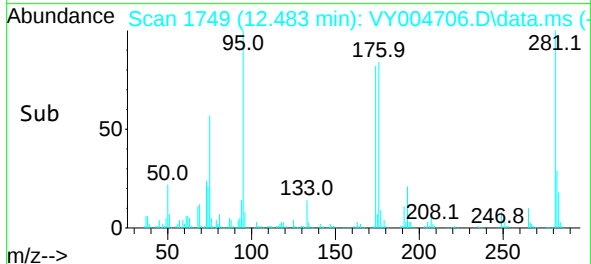
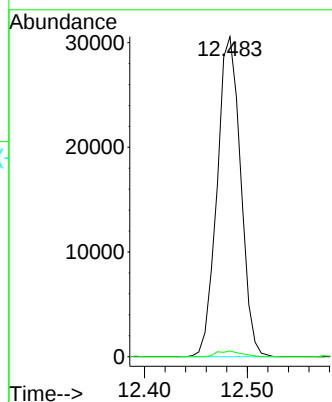
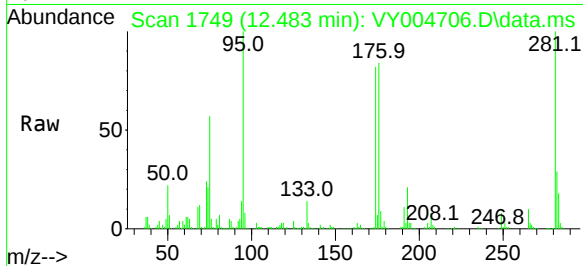




#76
1,2,3-Trichloropropane
Concen: 63.00 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 48551
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.70 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004706.D
Acq: 04 May 2021 11:38

Tgt Ion: 75 Resp: 48551
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 1.9 36.1 54.1#

