

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008791.D
 Acq On : 17 May 2022 23:02
 Operator : KP/MD
 Sample : N2841-05
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 07:59:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

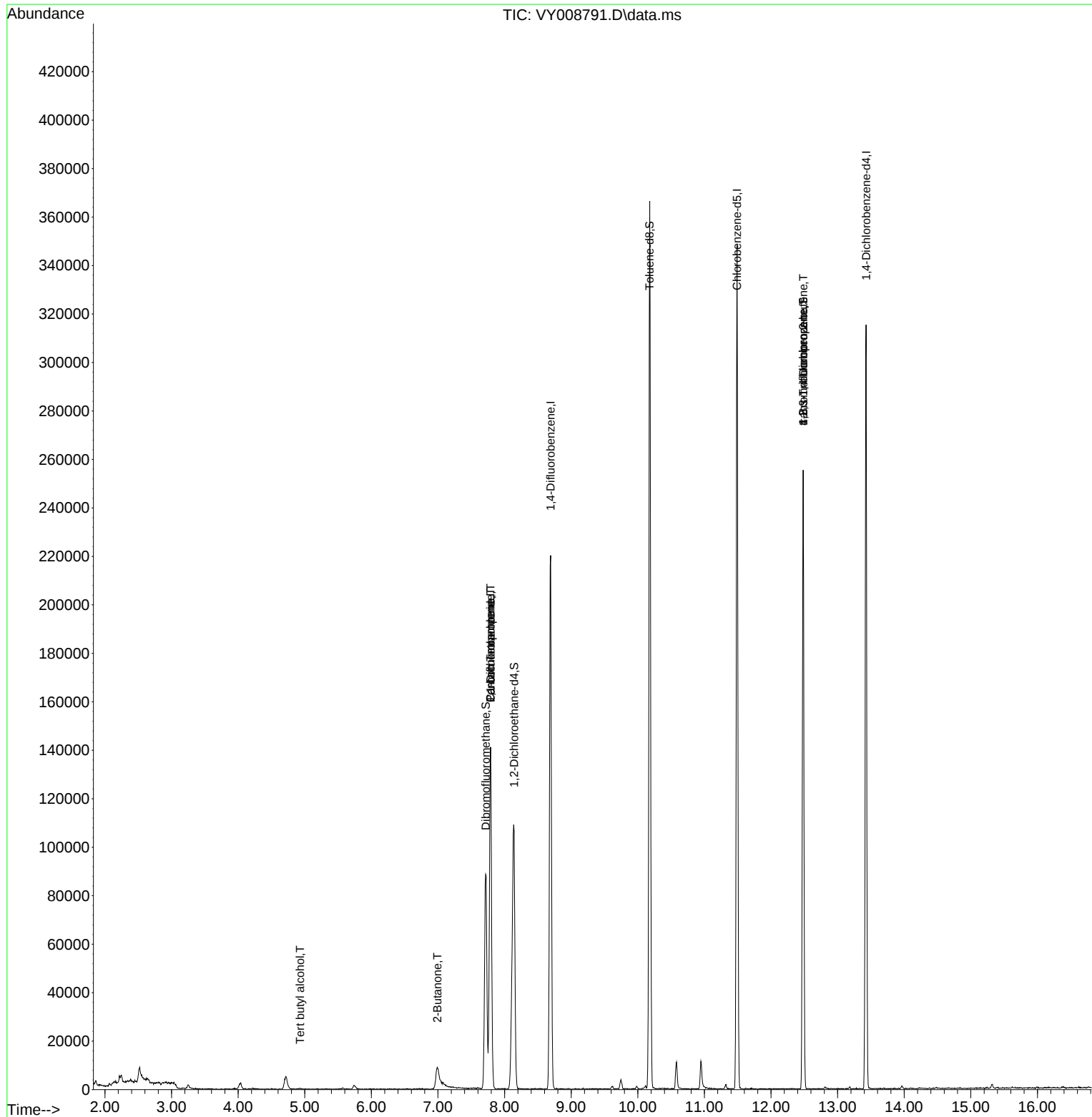
Internal Standards						
1) Pentafluorobenzene	7.789	168	107847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	178552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68521	68.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.980%	
35) Dibromofluoromethane	7.716	113	63211	56.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.400%	
50) Toluene-d8	10.179	98	234270	47.451	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.900%	
62) 4-Bromofluorobenzene	12.483	95	69108	39.843	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	207	Below Cal	#	44
4) Vinyl Chloride	2.253	62	69	Below Cal	#	43
5) Bromomethane	2.650	94	210	Below Cal	#	4
6) Chloroethane	2.772	64	20	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	304	2.749	ug/l #	77
16) Acetone	3.936	43	128	Below Cal	#	47
18) Methyl Acetate	4.247	43	62	Below Cal	#	56
20) Methylene Chloride	4.722	84	3763	Below Cal	#	66
25) 2-Butanone	6.990	43	784	1.867	ug/l #	54
31) Cyclohexane	7.789	56	2472	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	8852	4.958	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10350	5.409	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	39165	45.024	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39165	98.480	ug/l #	7

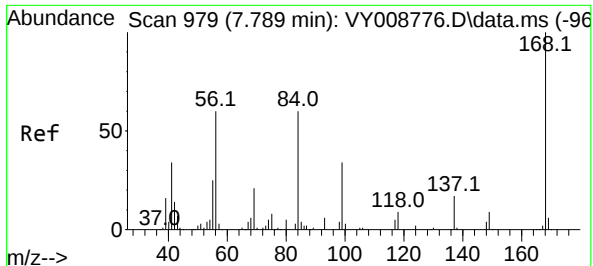
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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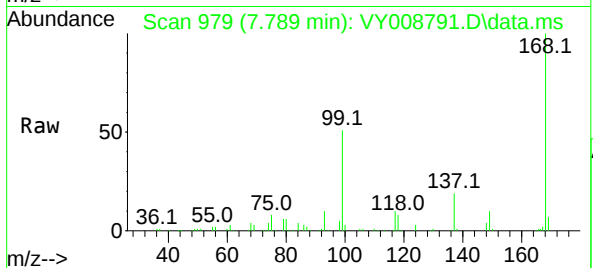
Quant Time: May 18 07:59:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
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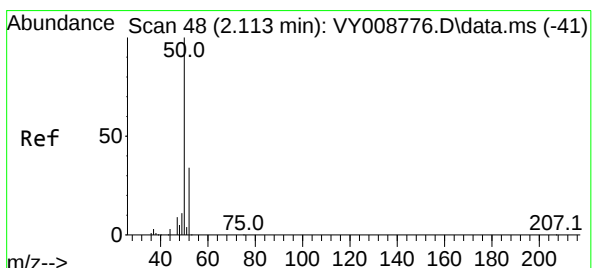
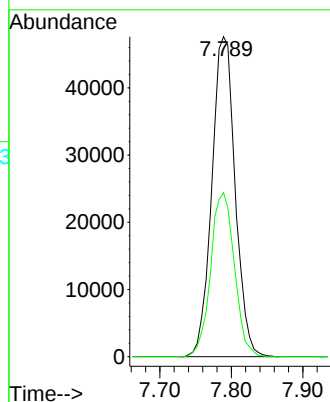
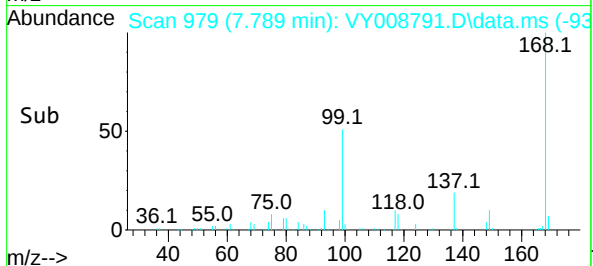


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

Instrument :
MSVOA_Y
ClientSampleId :

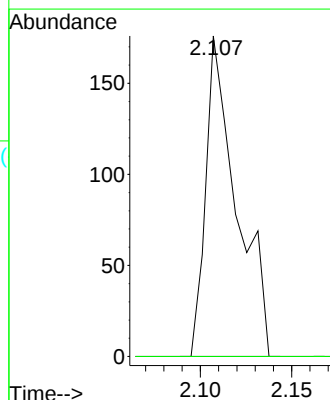
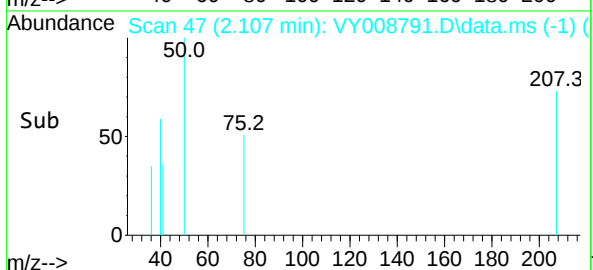
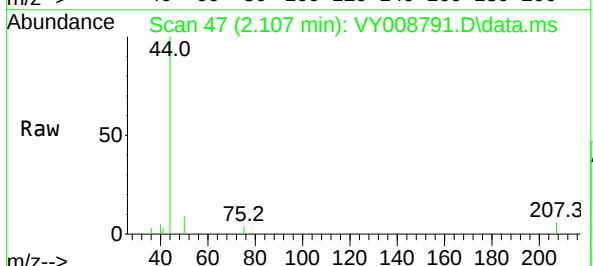


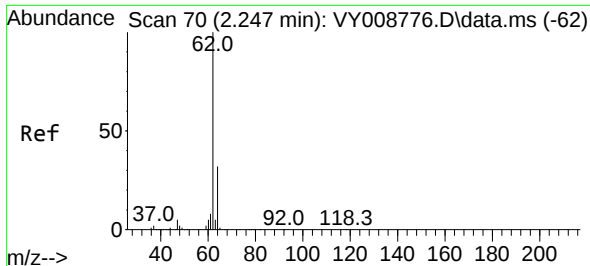
Tgt Ion:168 Resp: 107847
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

Tgt Ion: 50 Resp: 207
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

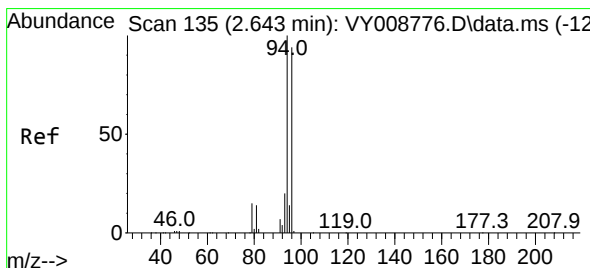
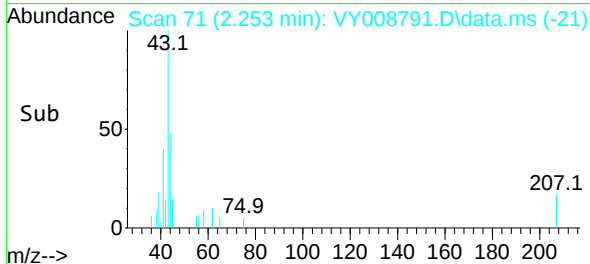
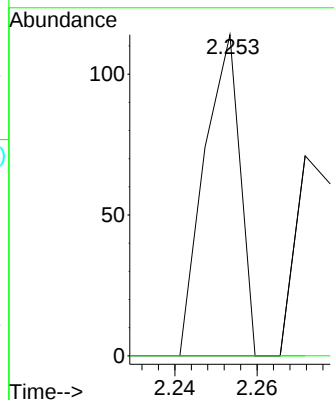
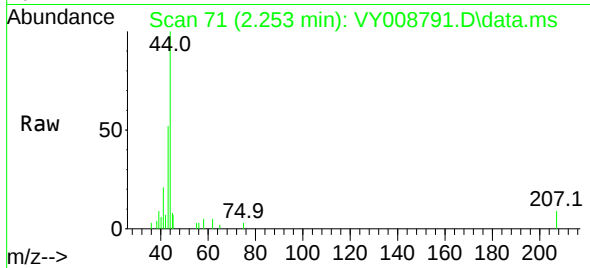




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.253 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VY008791.D
 Acq: 17 May 2022 23:02

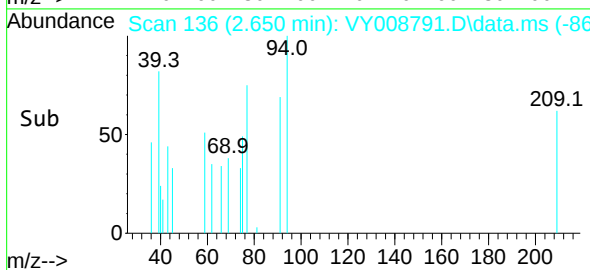
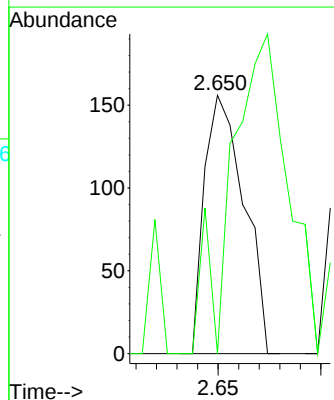
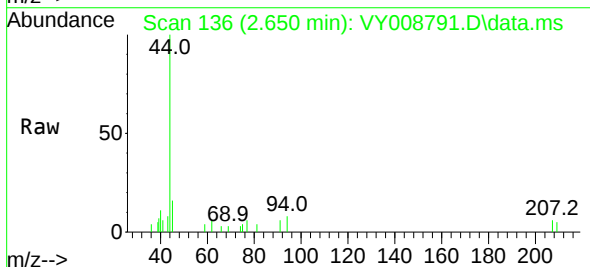
Instrument :
 MSVOA_Y
 ClientSampleId :

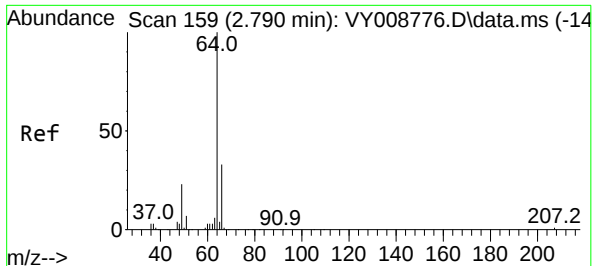
Tgt Ion: 62 Resp: 69
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.650 min Scan# 136
 Delta R.T. 0.007 min
 Lab File: VY008791.D
 Acq: 17 May 2022 23:02

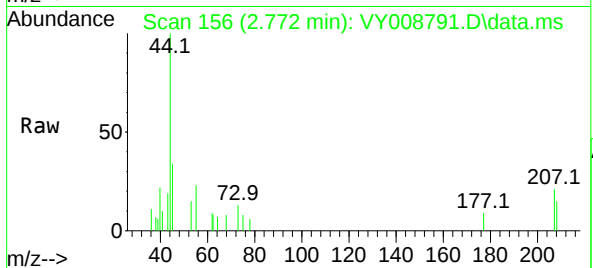
Tgt Ion: 94 Resp: 210
 Ion Ratio Lower Upper
 94 100
 96 0.0 73.5 110.3#



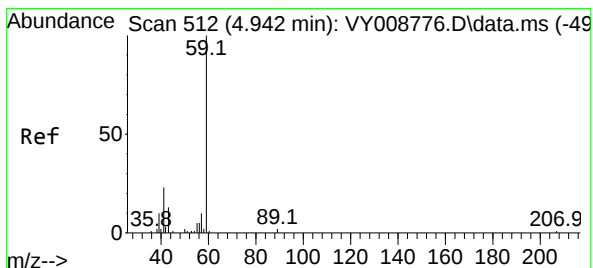
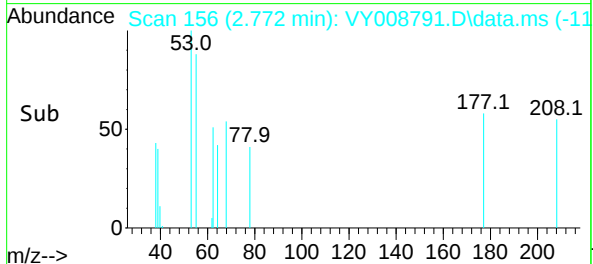
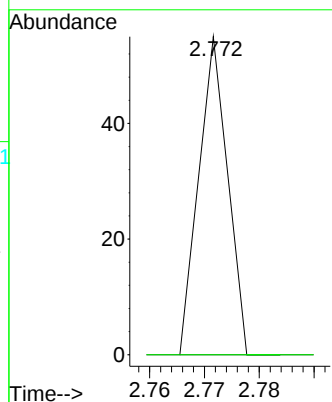


#6
Chloroethane
Concen: Below Cal
RT: 2.772 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

Instrument :
MSVOA_Y
ClientSampleId :

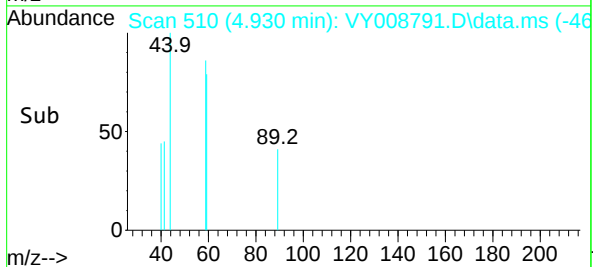
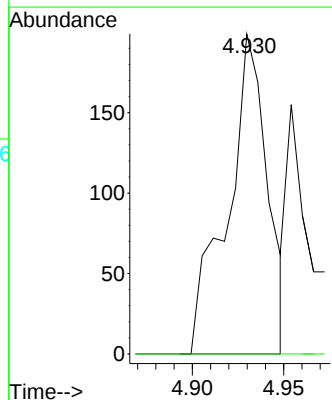
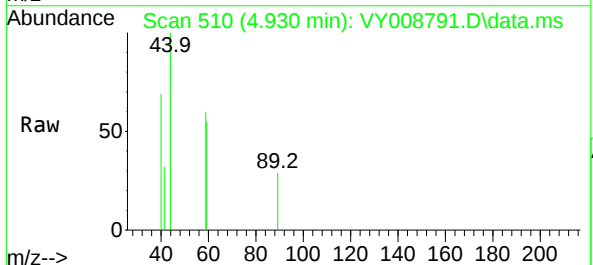


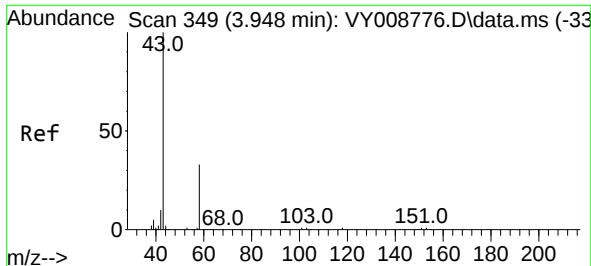
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 2.749 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

Tgt Ion: 59 Resp: 304
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

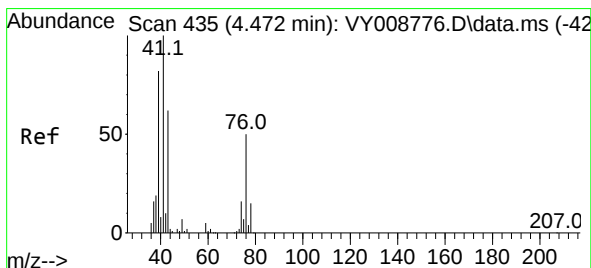
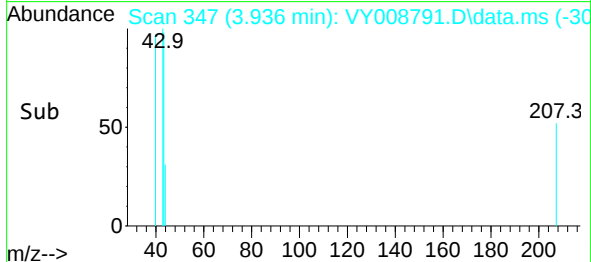
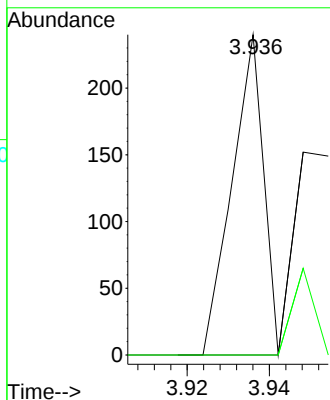
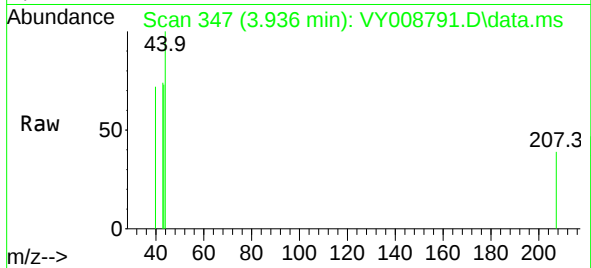




#16
Acetone
Concen: Below Cal
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

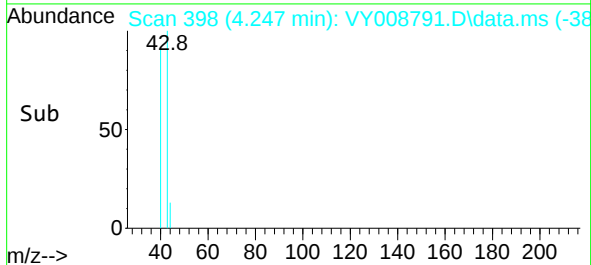
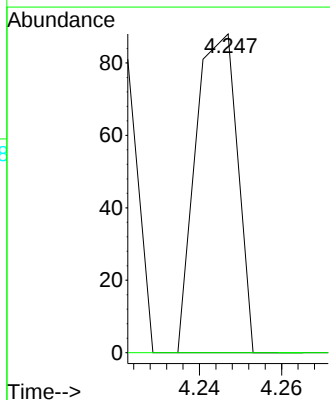
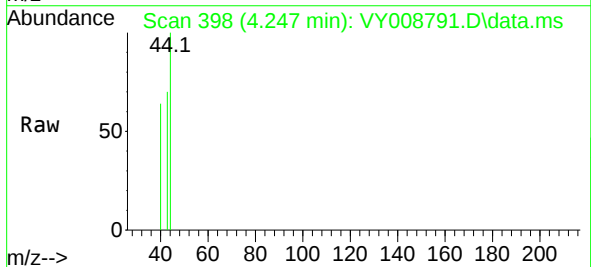
Instrument :
MSVOA_Y
ClientSampleId :

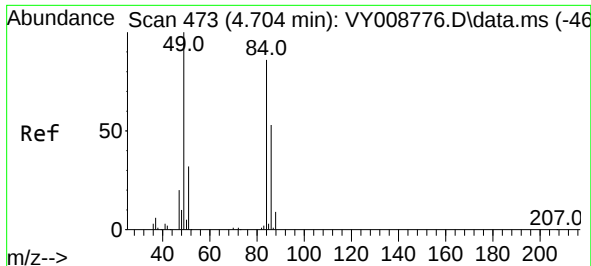
Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.247 min Scan# 398
Delta R.T. -0.225 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

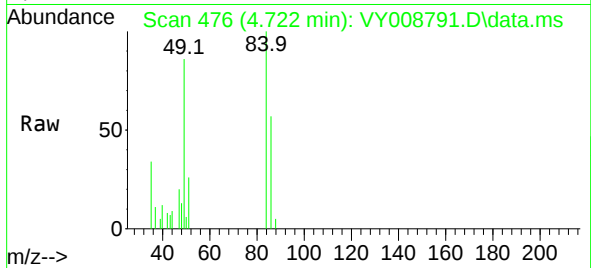
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



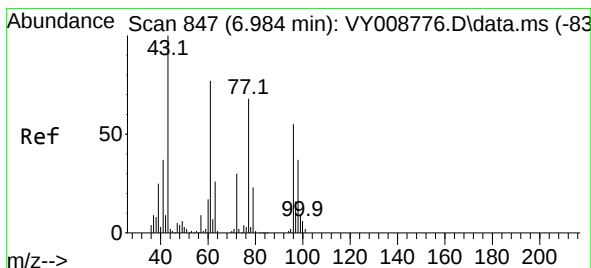
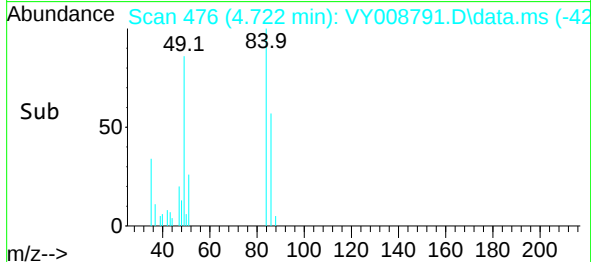
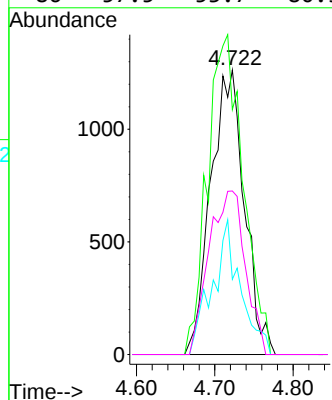


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

Instrument :
MSVOA_Y
ClientSampleId :

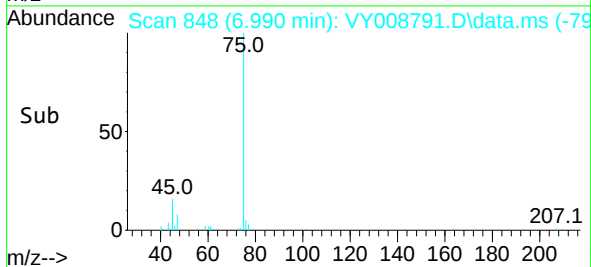
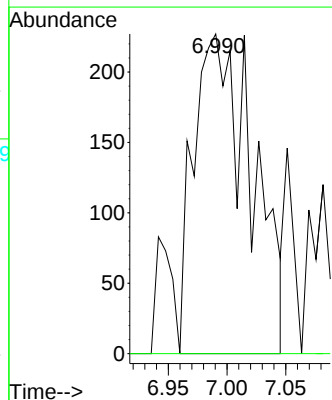
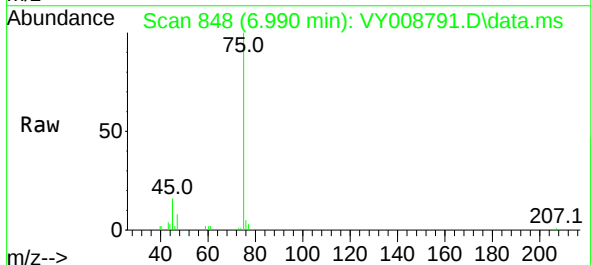


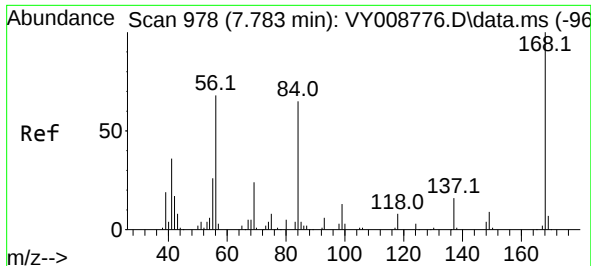
Tgt Ion: 84 Resp: 3763
Ion Ratio Lower Upper
84 100
49 86.1 114.4 171.6#
51 26.4 35.3 52.9#
86 57.5 53.7 80.5



#25
2-Butanone
Concen: 1.867 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

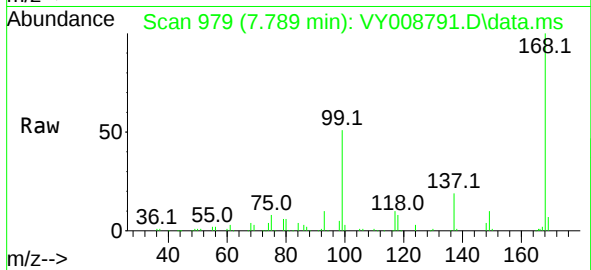
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



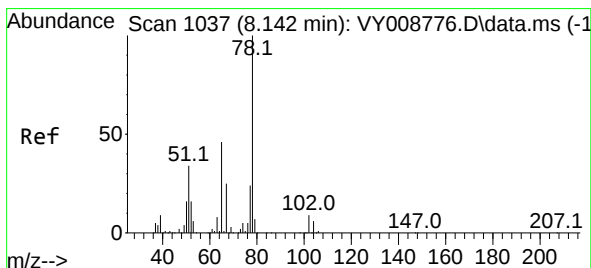
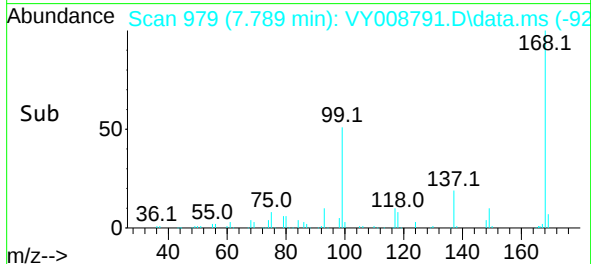
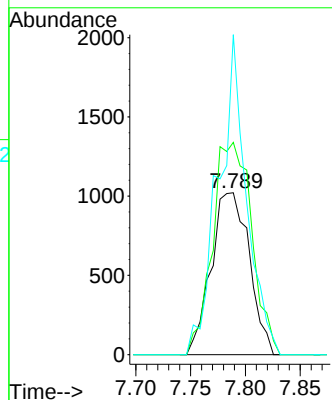


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

Instrument :
MSVOA_Y
ClientSampleId :

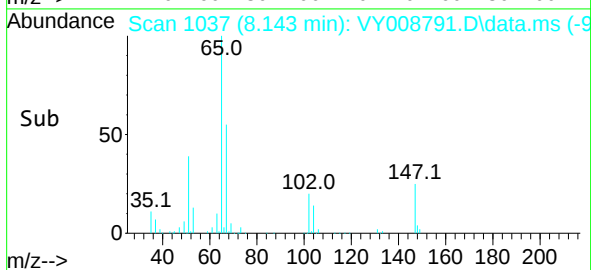
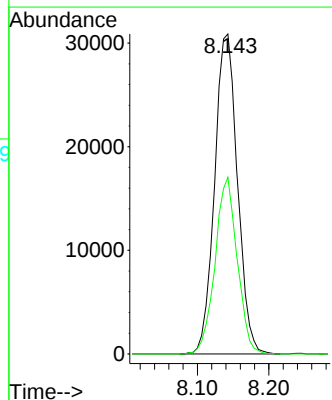
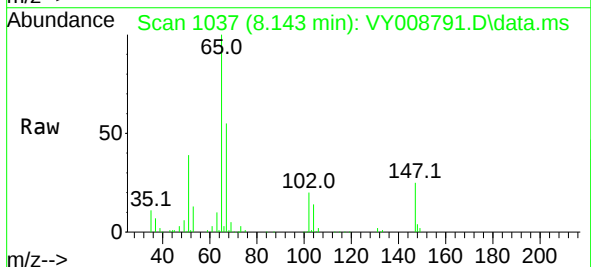


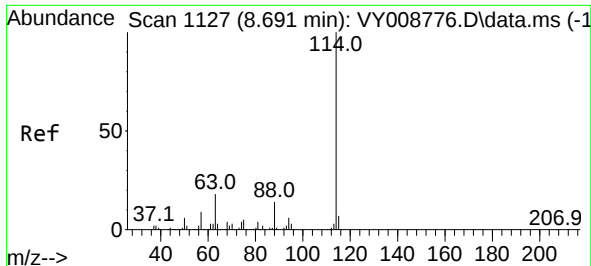
Tgt Ion: 56 Resp: 2472
Ion Ratio Lower Upper
56 100
69 131.1 26.7 40.1#
84 197.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 68.487 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

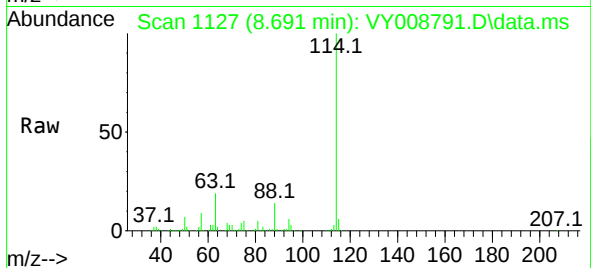
Tgt Ion: 65 Resp: 68521
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4



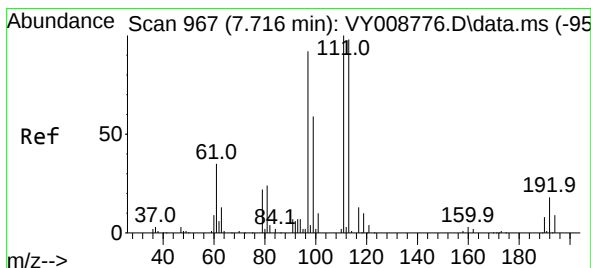
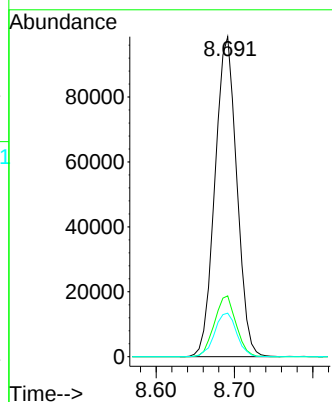
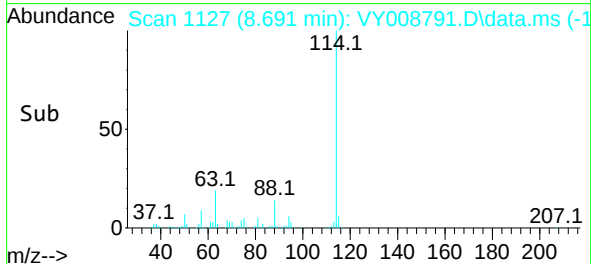


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

Instrument :
MSVOA_Y
ClientSampleId :

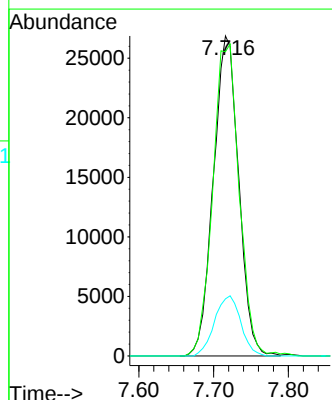
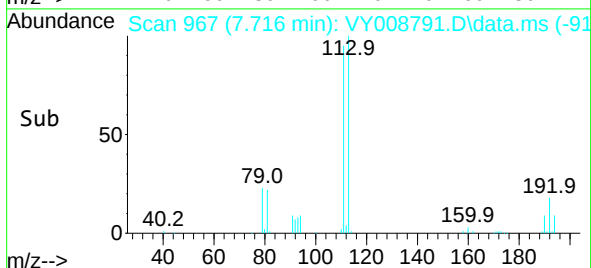
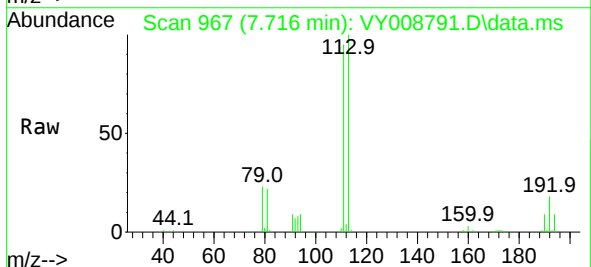


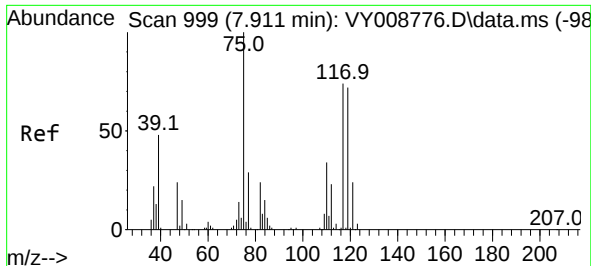
Tgt Ion:114 Resp: 190794
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 13.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.703 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

Tgt Ion:113 Resp: 63211
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 19.4 17.6 26.4

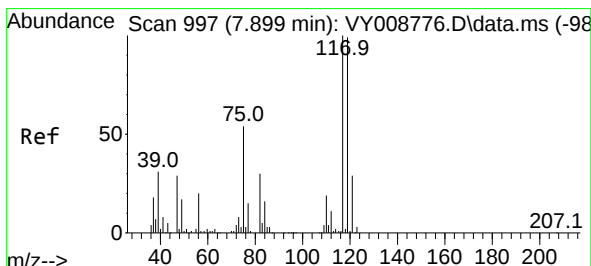
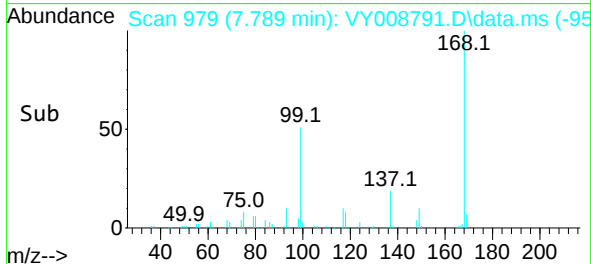
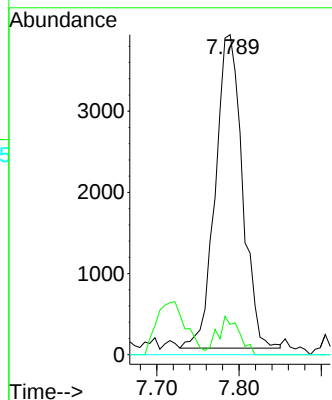
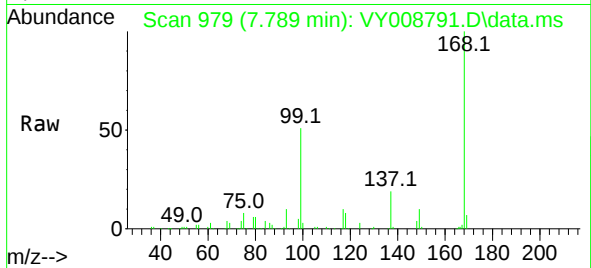




#36
1,1-Dichloropropene
Concen: 4.958 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.122 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

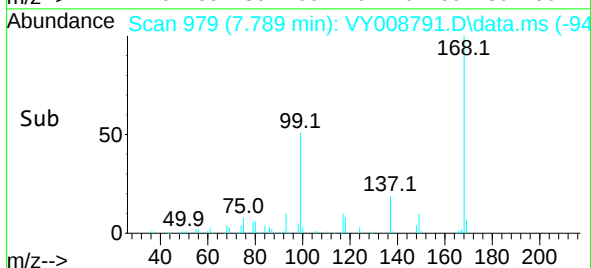
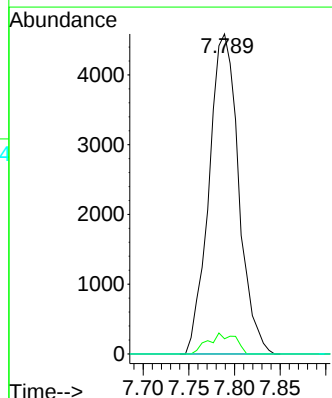
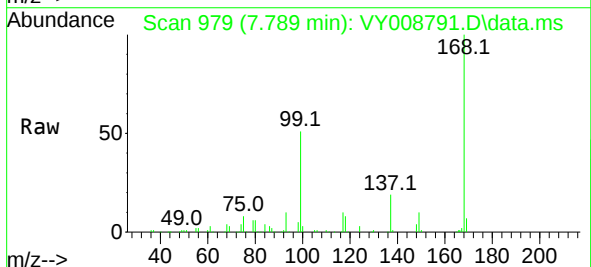
Instrument :
MSVOA_Y
ClientSampleId :

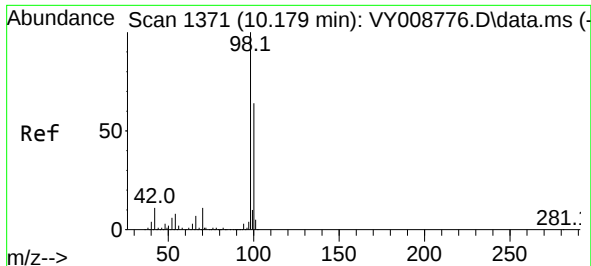
Tgt Ion: 75 Resp: 8852
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.409 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

Tgt Ion: 117 Resp: 10350
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

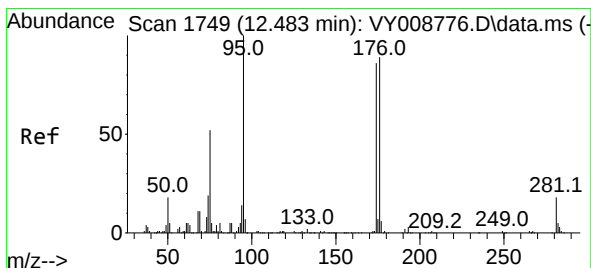
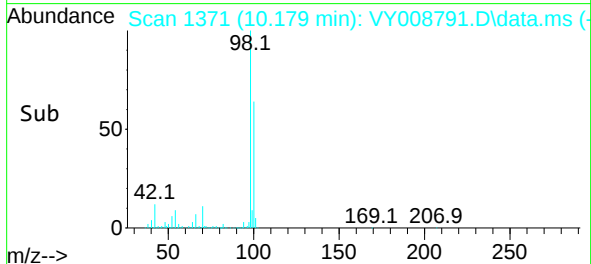
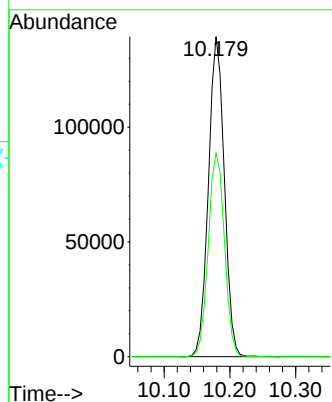
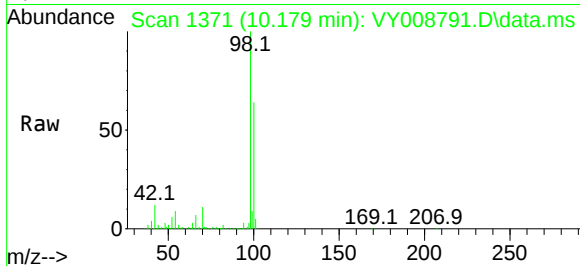




#50
Toluene-d8
Concen: 47.451 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

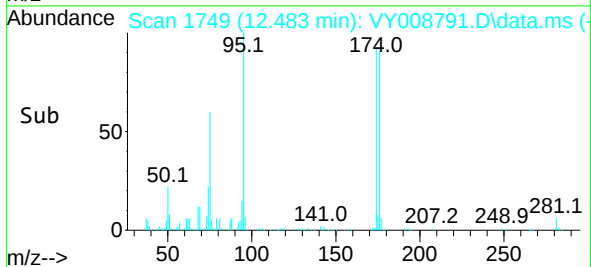
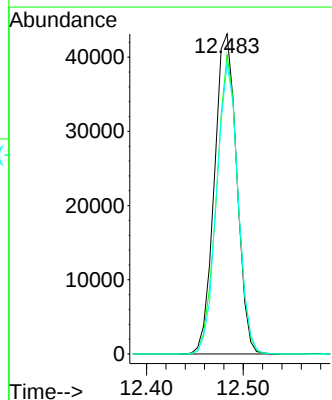
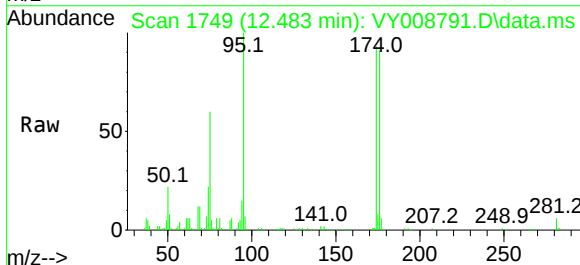
Instrument :
MSVOA_Y
ClientSampleId :

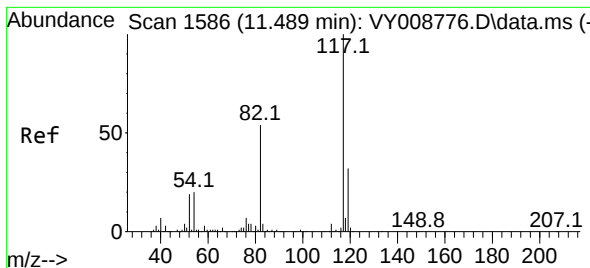
Tgt Ion: 98 Resp: 234270
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.843 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

Tgt Ion: 95 Resp: 69108
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 86.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

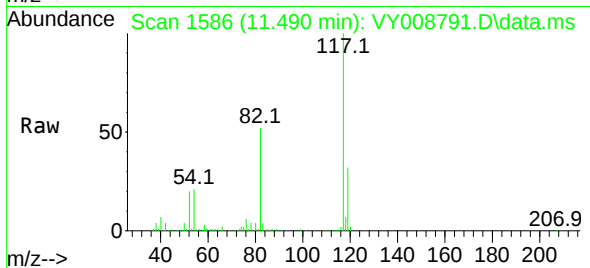
Lab File: VY008791.D

Acq: 17 May 2022 23:02

Instrument :

MSVOA_Y

ClientSampleId :



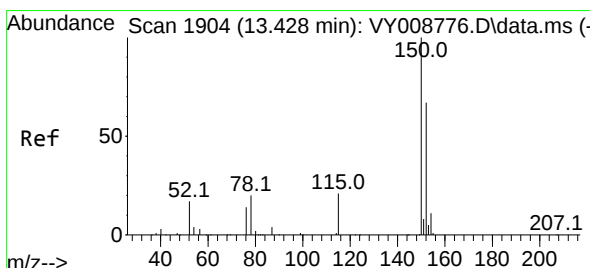
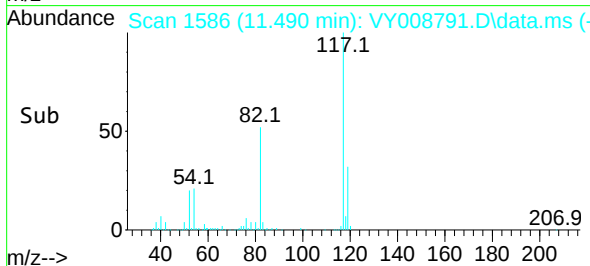
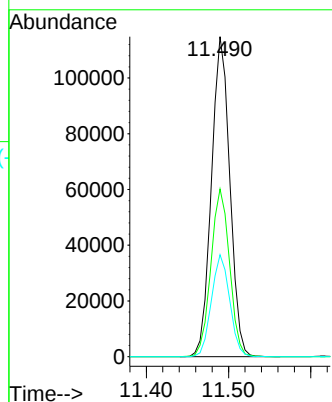
Tgt Ion:117 Resp: 178552

Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.4

119 31.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008791.D

Acq: 17 May 2022 23:02

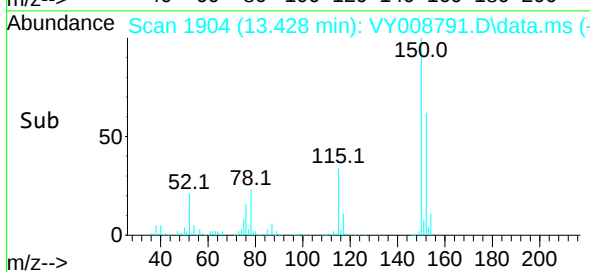
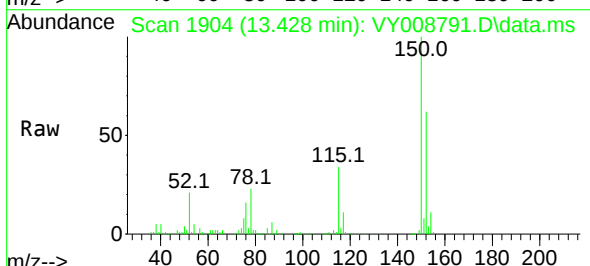
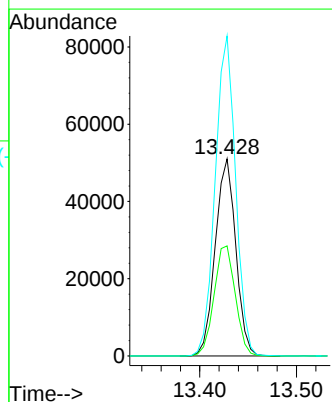
Tgt Ion:152 Resp: 75304

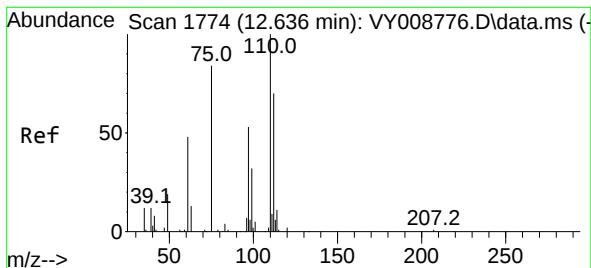
Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 160.9 0.0 347.6

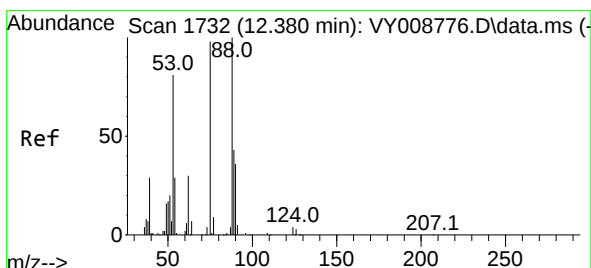
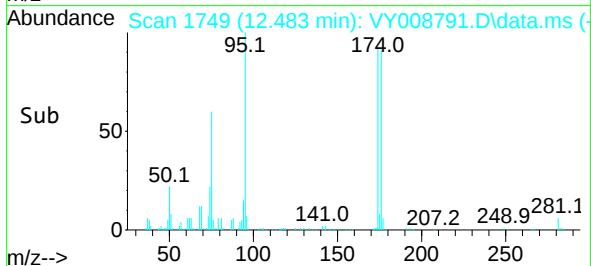
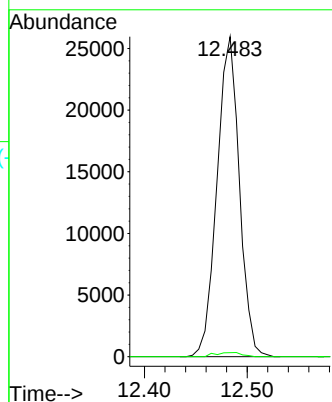
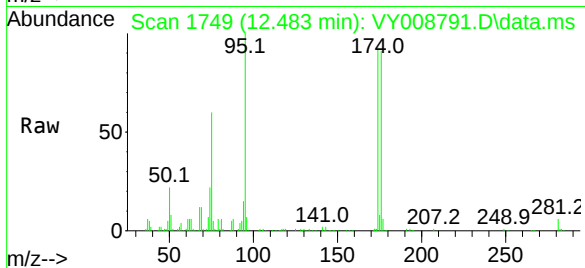




#76
1,2,3-Trichloropropane
Concen: 45.024 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 39165
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.480 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008791.D
Acq: 17 May 2022 23:02

Tgt Ion: 75 Resp: 39165
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

