

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008511.D
 Acq On : 26 Apr 2022 18:00
 Operator : KP/MD
 Sample : N2559-04RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-10DRE

Quant Time: Apr 27 01:24:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

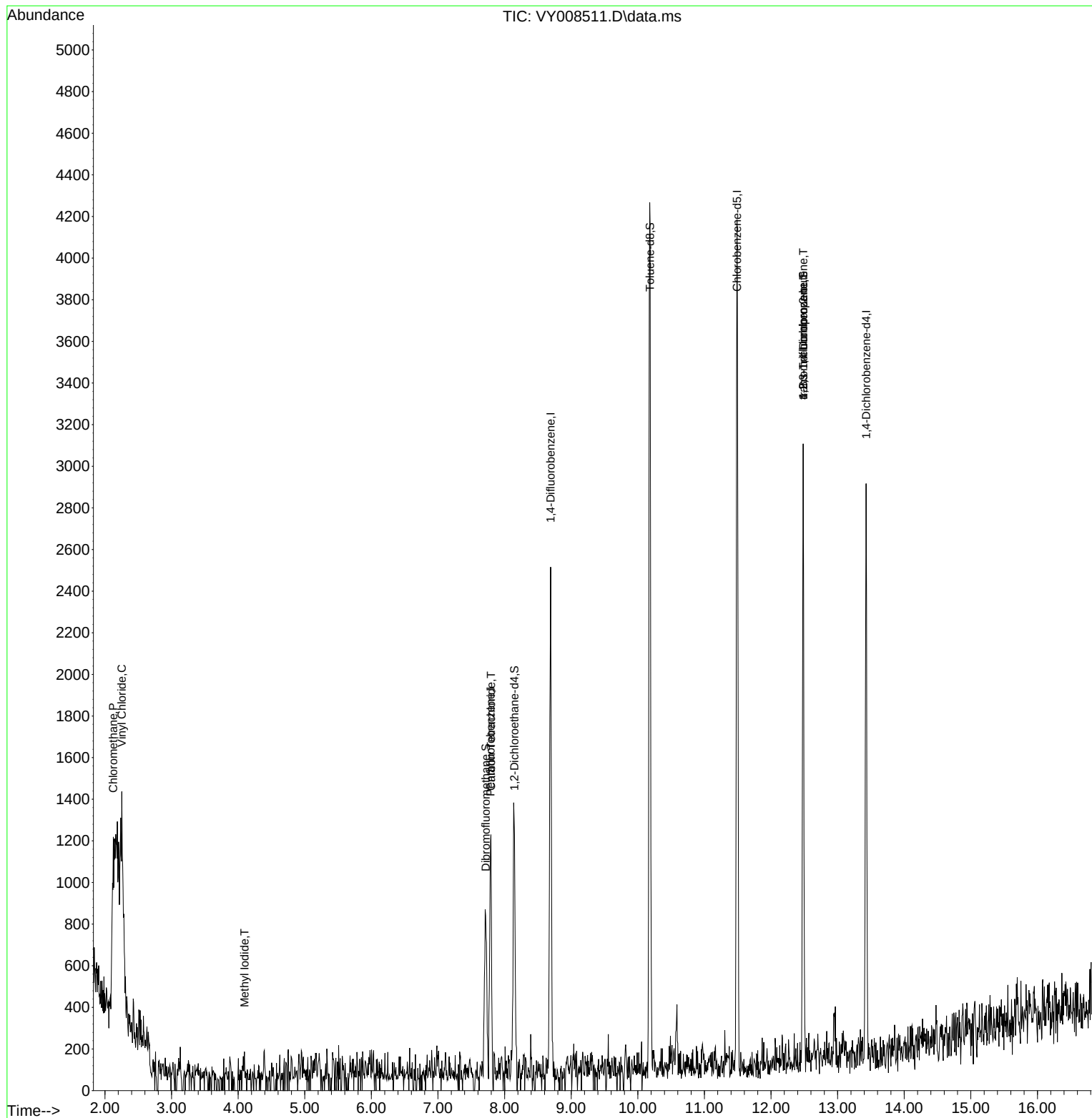
Internal Standards						
1) Pentafluorobenzene	7.789	168	1320	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	2615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1082	69.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.340%	
35) Dibromofluoromethane	7.716	113	839	49.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.420%	
50) Toluene-d8	10.185	98	3204	47.741	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.480%	
62) 4-Bromofluorobenzene	12.483	95	963	42.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	20	1.060	ug/l	# 44
4) Vinyl Chloride	2.253	62	53	2.162	ug/l	# 43
10) Methyl Iodide	4.094	142	25	2.905	ug/l	# 35
20) Methylene Chloride	4.728	84	23	Below Cal	#	1
38) Carbon Tetrachloride	7.795	117	47	1.685	ug/l	# 11
76) 1,2,3-Trichloropropane	12.483	75	550	52.209	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	550	121.120	ug/l	# 7

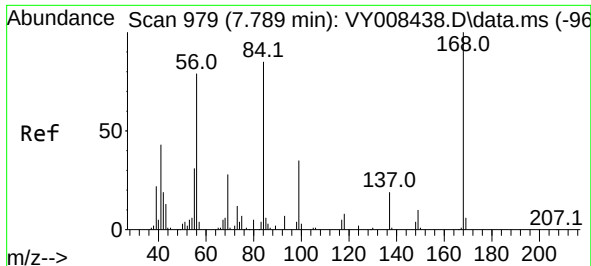
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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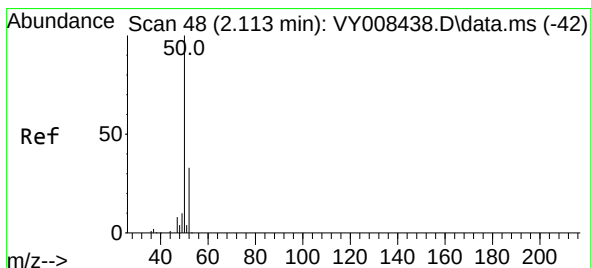
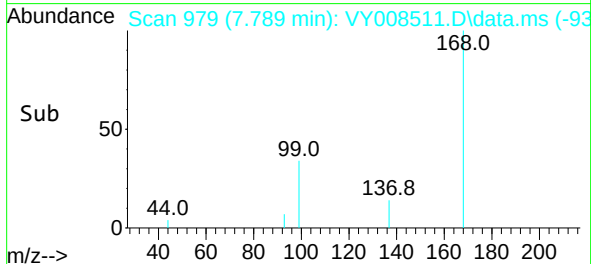
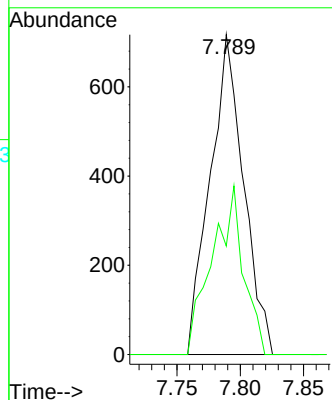
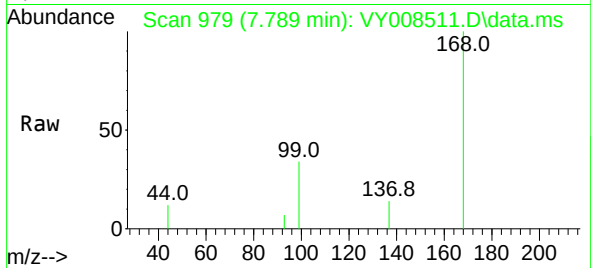




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008511.D
Acq: 26 Apr 2022 18:00

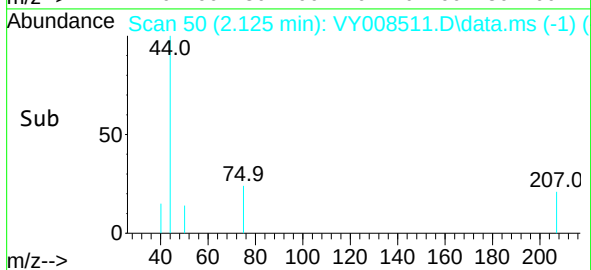
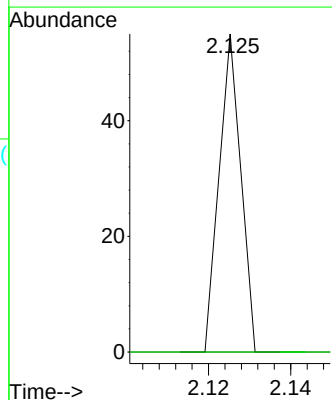
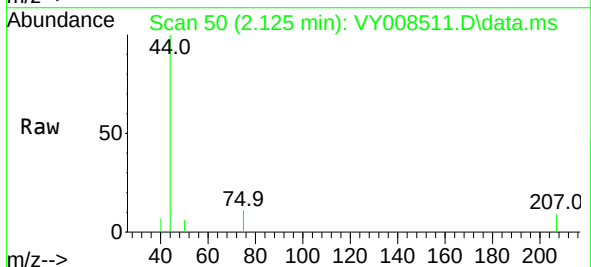
Instrument :
MSVOA_Y
ClientSampleId :
MH-10DRE

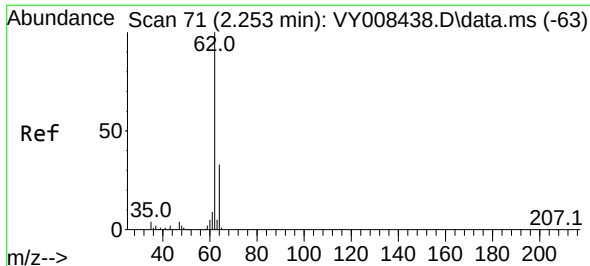
Tgt Ion:168 Resp: 1320
Ion Ratio Lower Upper
168 100
99 33.9 46.9 70.3#



#3
Chloromethane
Concen: 1.060 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY008511.D
Acq: 26 Apr 2022 18:00

Tgt Ion: 50 Resp: 20
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

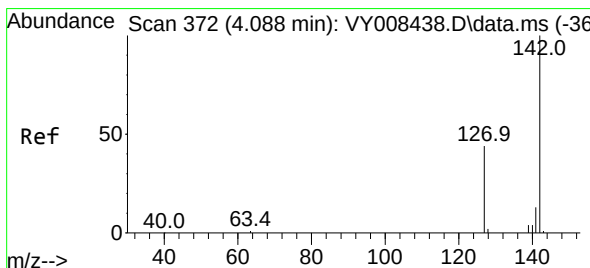
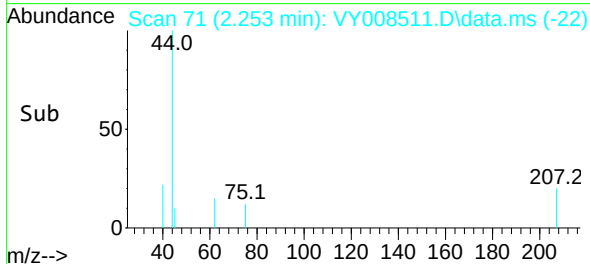
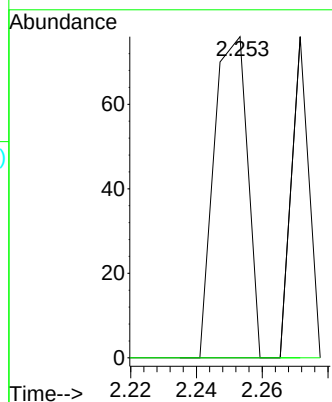
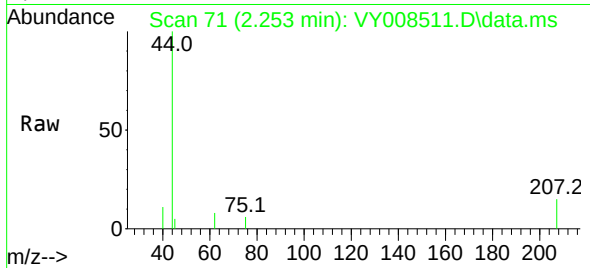




#4
 Vinyl Chloride
 Concen: 2.162 ug/l
 RT: 2.253 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VY008511.D
 Acq: 26 Apr 2022 18:00

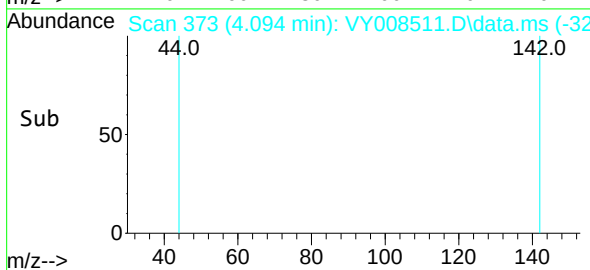
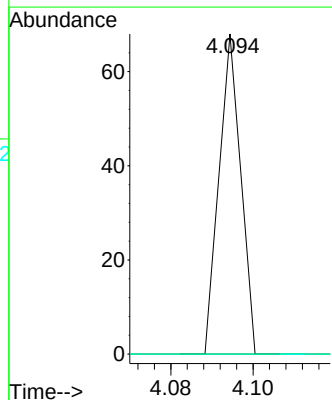
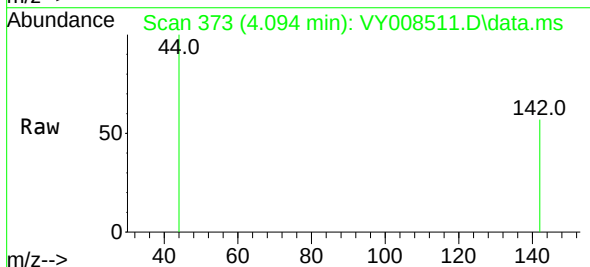
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-10DRE

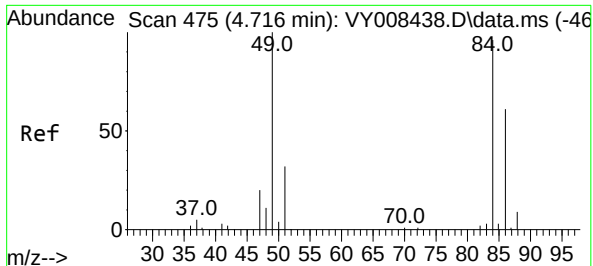
Tgt Ion: 62 Resp: 53
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#10
 Methyl Iodide
 Concen: 2.905 ug/l
 RT: 4.094 min Scan# 373
 Delta R.T. 0.006 min
 Lab File: VY008511.D
 Acq: 26 Apr 2022 18:00

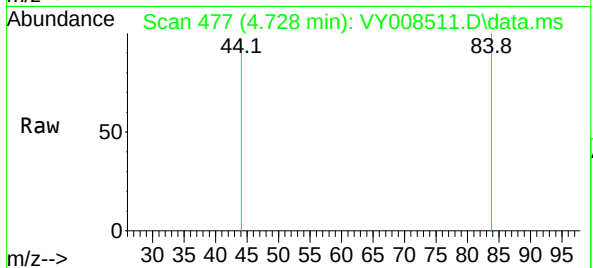
Tgt Ion: 142 Resp: 25
 Ion Ratio Lower Upper
 142 100
 127 0.0 41.5 62.3#
 141 0.0 11.9 17.9#



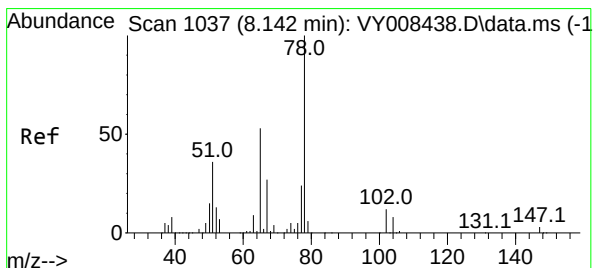
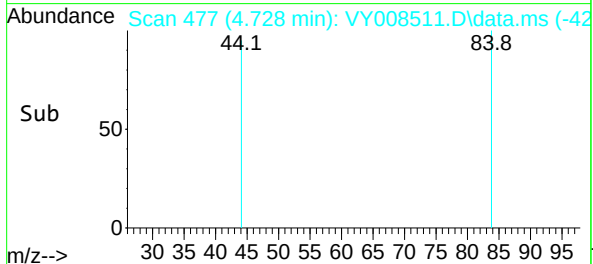
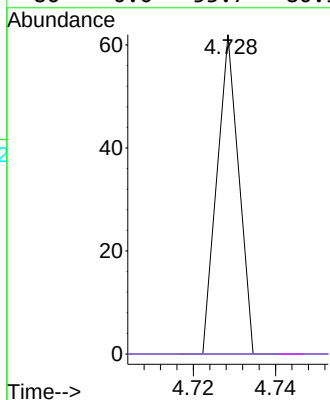


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008511.D
Acq: 26 Apr 2022 18:00

Instrument :
MSVOA_Y
ClientSampleId :
MH-10DRE

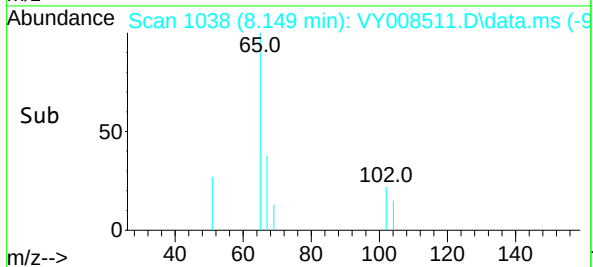
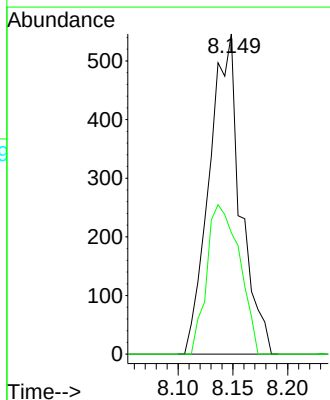
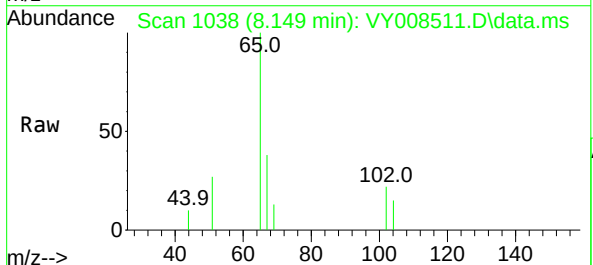


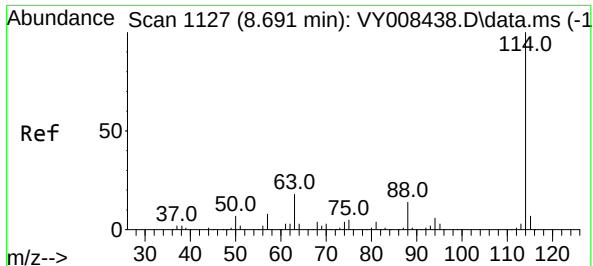
Tgt Ion: 84 Resp: 23
Ion Ratio Lower Upper
84 100
49 0.0 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 69.665 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY008511.D
Acq: 26 Apr 2022 18:00

Tgt Ion: 65 Resp: 1082
Ion Ratio Lower Upper
65 100
67 48.8 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: VY008511.D

Acq: 26 Apr 2022 18:00

Instrument :

MSVOA_Y

ClientSampleId :

MH-10DRE

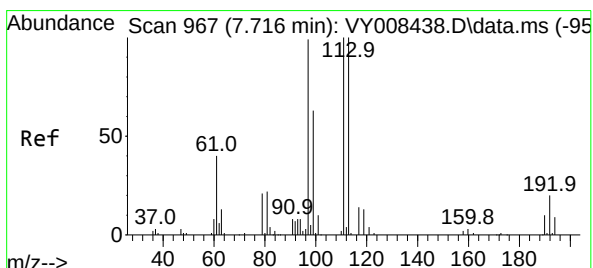
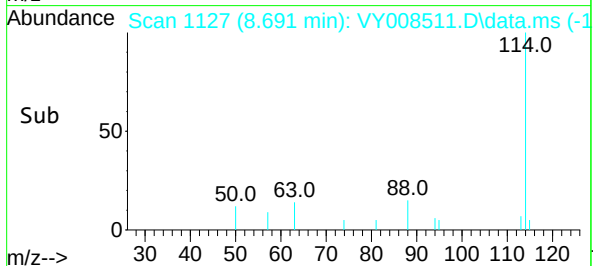
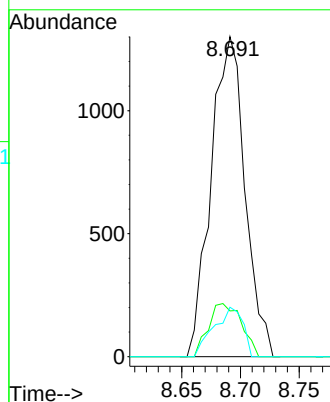
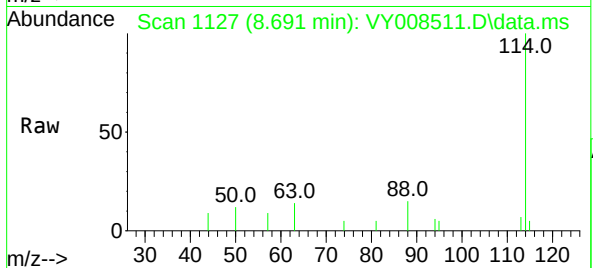
Tgt Ion:114 Resp: 2615

Ion Ratio Lower Upper

114 100

63 14.3 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.713 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008511.D

Acq: 26 Apr 2022 18:00

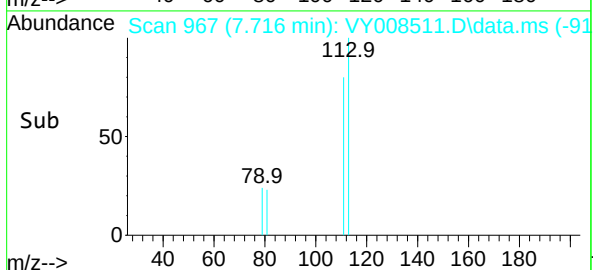
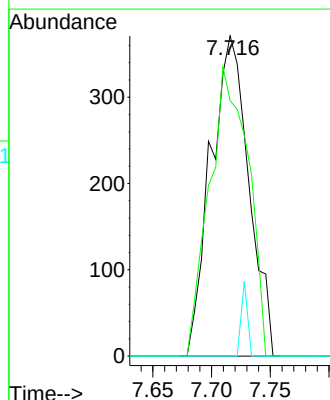
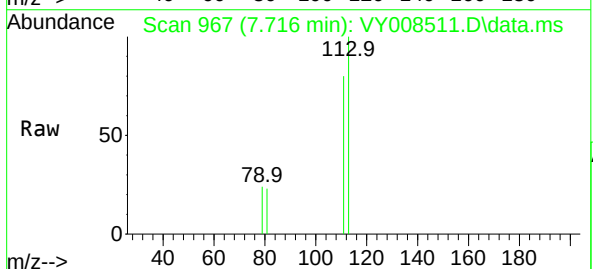
Tgt Ion:113 Resp: 839

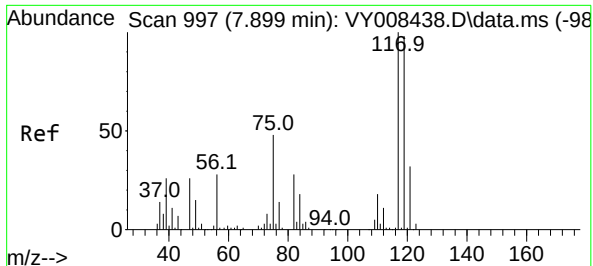
Ion Ratio Lower Upper

113 100

111 91.8 82.6 124.0

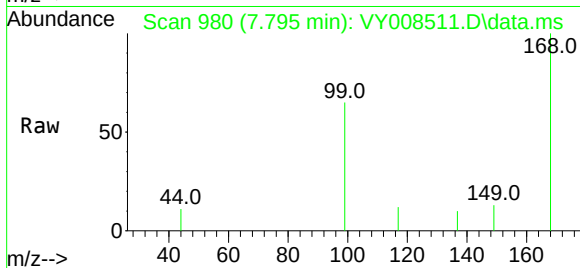
192 3.8 17.6 26.4#



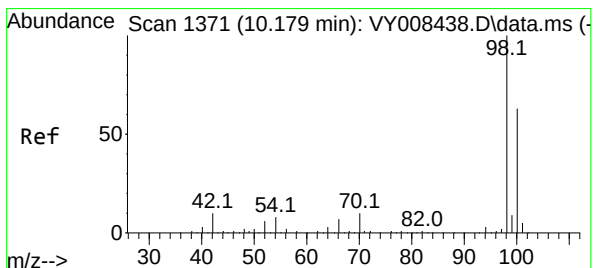
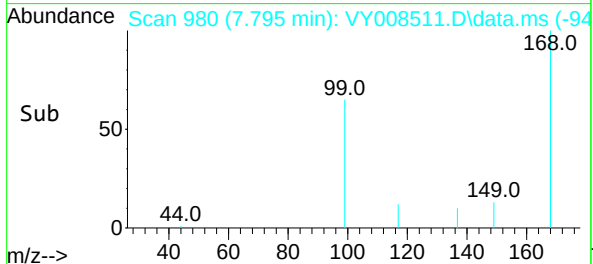
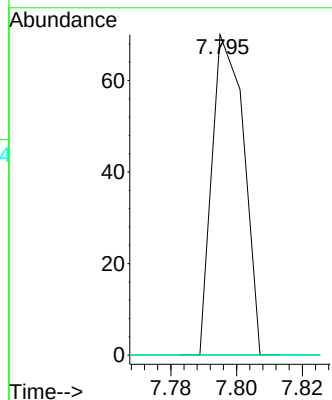


#38
Carbon Tetrachloride
Concen: 1.685 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008511.D
Acq: 26 Apr 2022 18:00

Instrument :
MSVOA_Y
ClientSampleId :
MH-10DRE

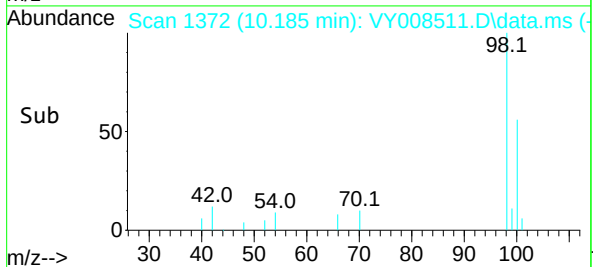
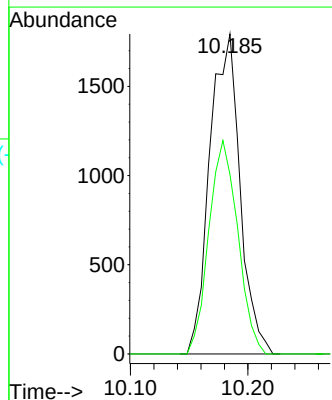
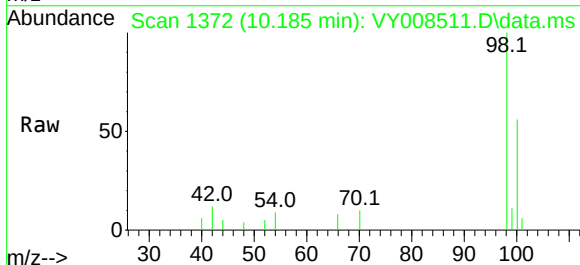


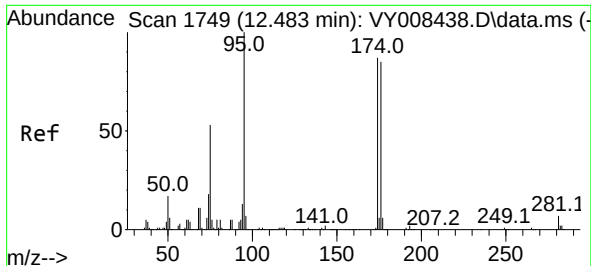
Tgt Ion:117 Resp: 47
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.741 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY008511.D
Acq: 26 Apr 2022 18:00

Tgt Ion: 98 Resp: 3204
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

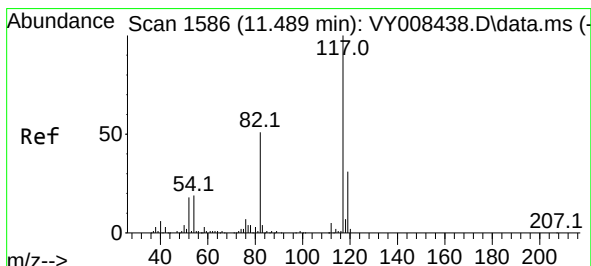
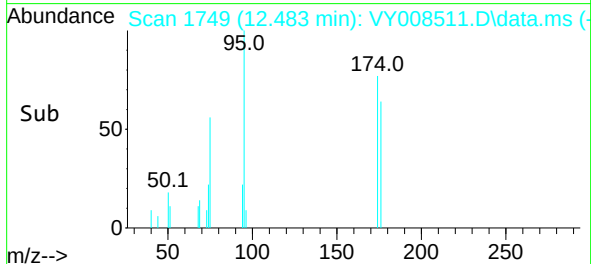
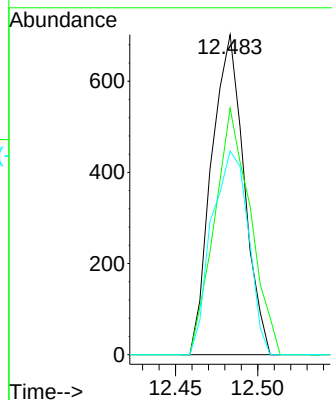
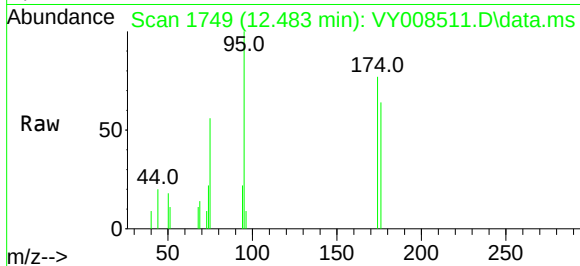




#62
4-Bromofluorobenzene
Concen: 42.376 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008511.D
Acq: 26 Apr 2022 18:00

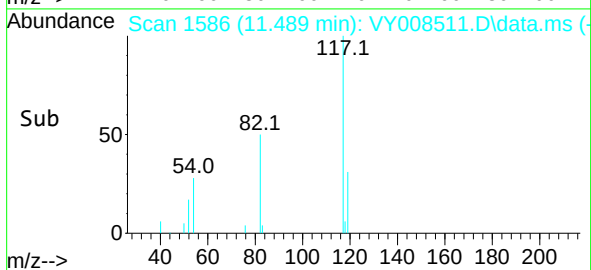
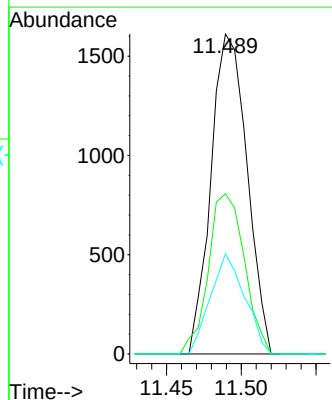
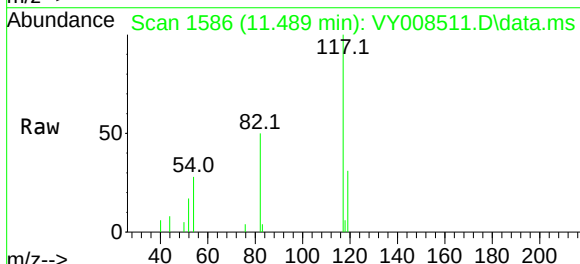
Instrument :
MSVOA_Y
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MH-10DRE

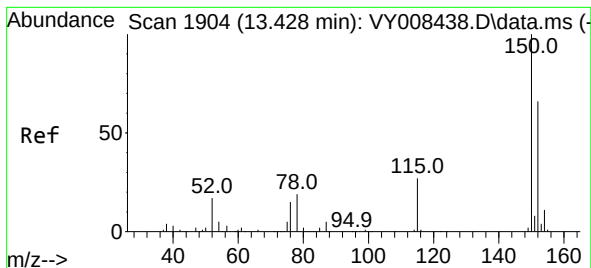
Tgt Ion: 95 Resp: 963
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 71.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008511.D
Acq: 26 Apr 2022 18:00

Tgt Ion: 117 Resp: 2699
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 31.3 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: VY008511.D

Acq: 26 Apr 2022 18:00

Instrument :

MSVOA_Y

ClientSampleId :

MH-10DRE

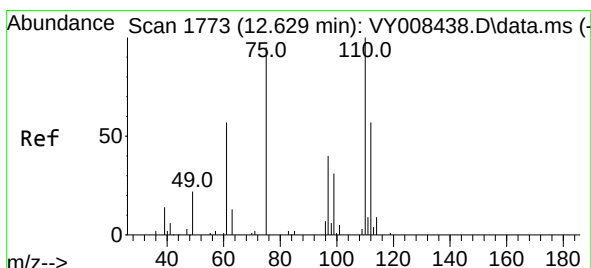
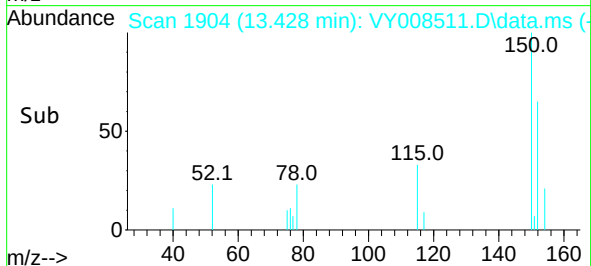
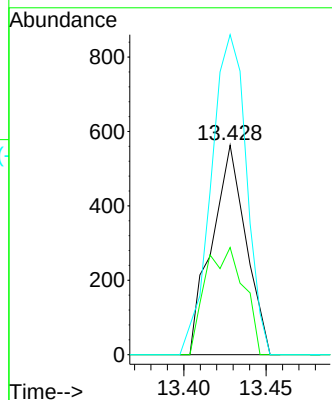
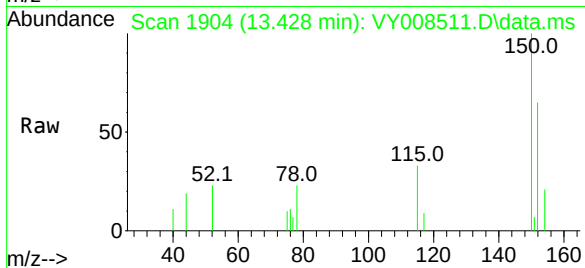
Tgt Ion:152 Resp: 814

Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 158.1 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 52.209 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY008511.D

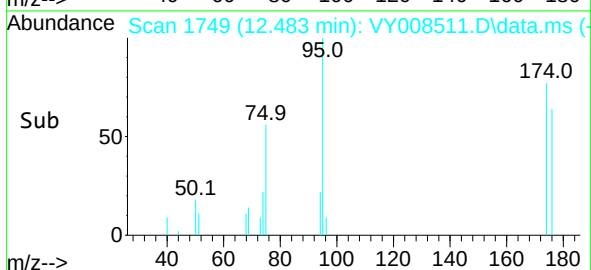
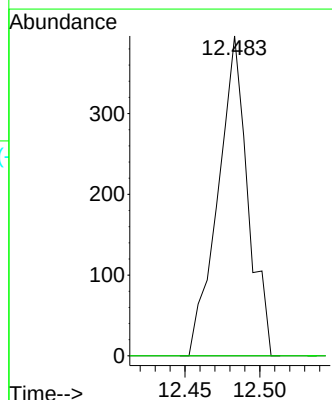
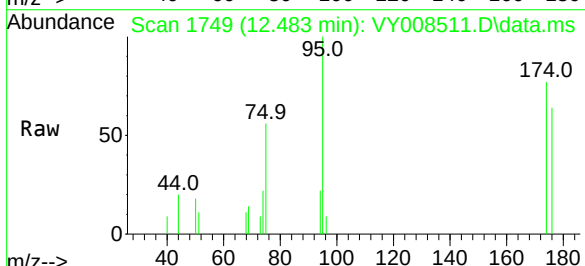
Acq: 26 Apr 2022 18:00

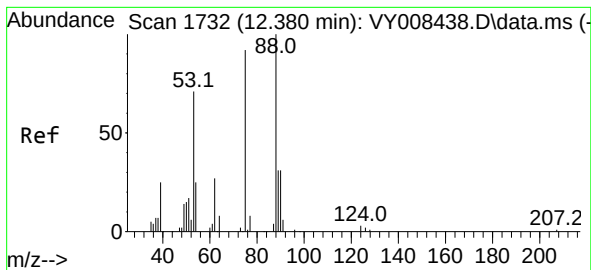
Tgt Ion: 75 Resp: 550

Ion Ratio Lower Upper

75 100

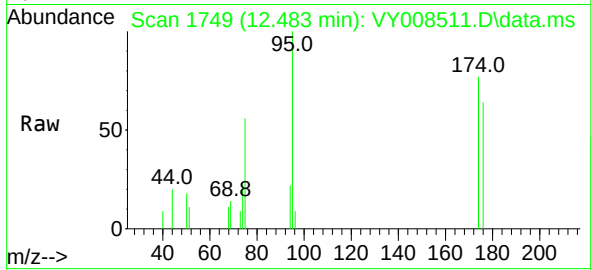
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.120 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008511.D
 Acq: 26 Apr 2022 18:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-10DRE



Tgt Ion: 75 Resp: 550
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

