

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012866.D
 Acq On : 08 Mar 2023 13:18
 Operator : KP/MD
 Sample : 01828-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AVENEL-60RE

Quant Time: Mar 09 00:35:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

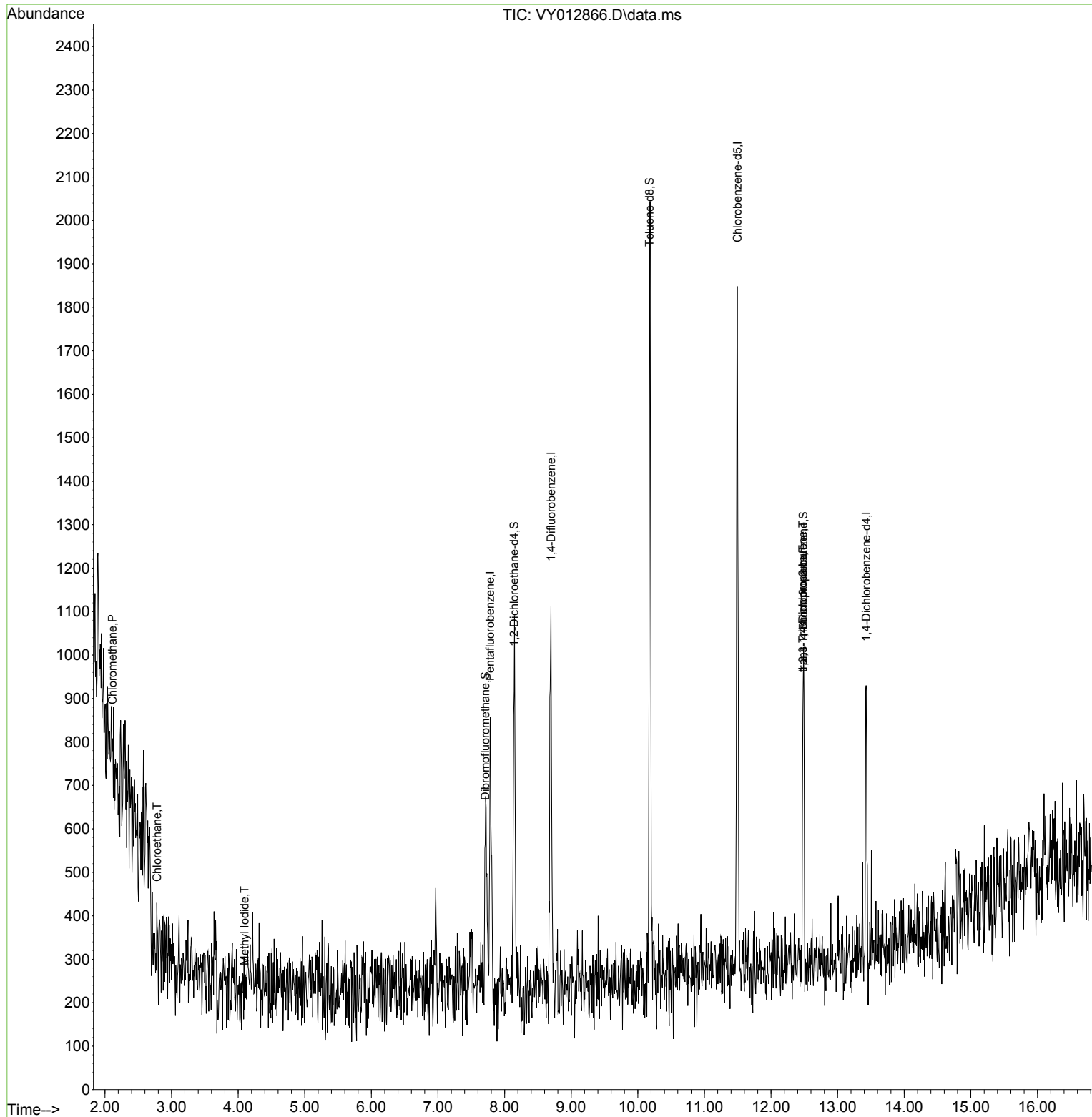
Internal Standards						
1) Pentafluorobenzene	7.783	168	690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	1097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1031	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	837	122.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 244.360%#	
35) Dibromofluoromethane	7.710	113	418	63.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.280%	
50) Toluene-d8	10.179	98	1298	53.630	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.260%	
62) 4-Bromofluorobenzene	12.483	95	329	40.274	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	90	11.069	ug/l #	42
6) Chloroethane	2.784	64	75	16.797	ug/l #	43
10) Methyl Iodide	4.094	142	22	2.266	ug/l #	40
76) 1,2,3-Trichloropropane	12.477	75	187	63.399	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	187	131.365	ug/l #	13

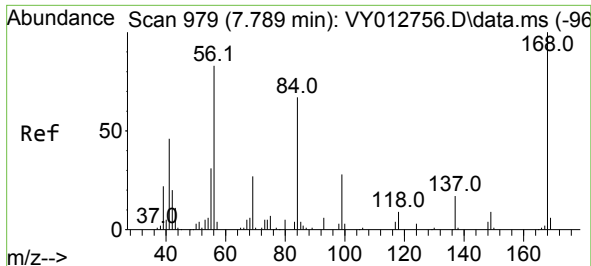
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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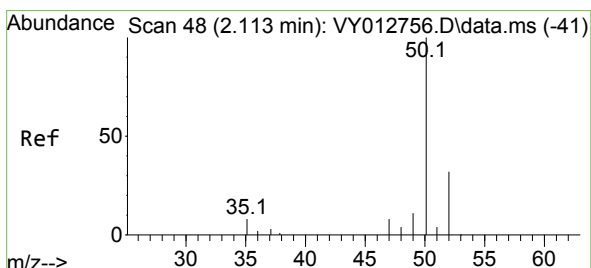
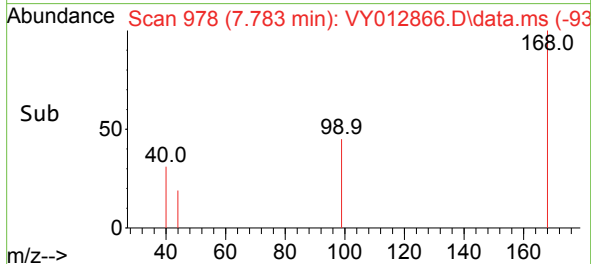
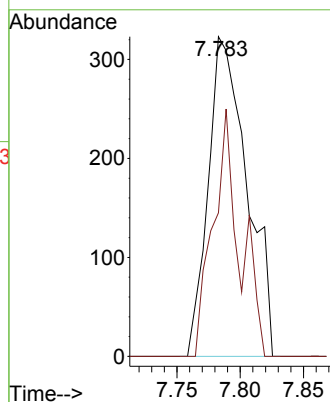
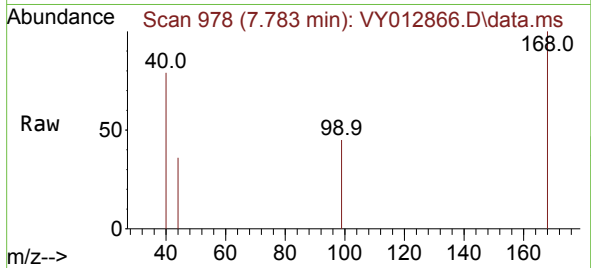




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012866.D
Acq: 08 Mar 2023 13:18

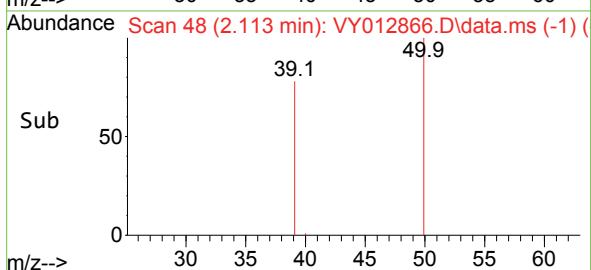
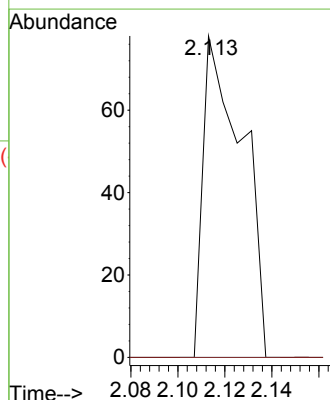
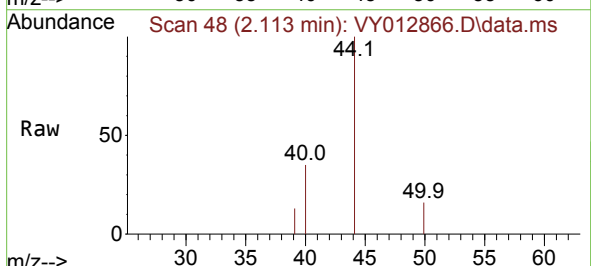
Instrument :
MSVOA_Y
ClientSampleId :
AVENEL-60RE

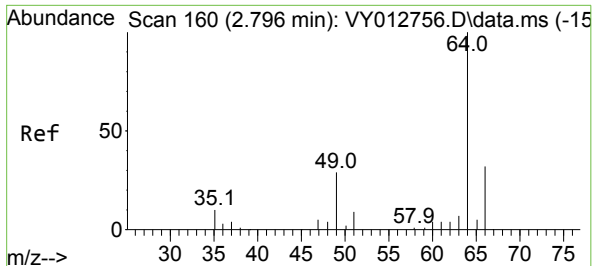
Tgt Ion:168 Resp: 690
Ion Ratio Lower Upper
168 100
99 44.9 41.7 62.5



#3
Chloromethane
Concen: 11.069 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012866.D
Acq: 08 Mar 2023 13:18

Tgt Ion: 50 Resp: 90
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

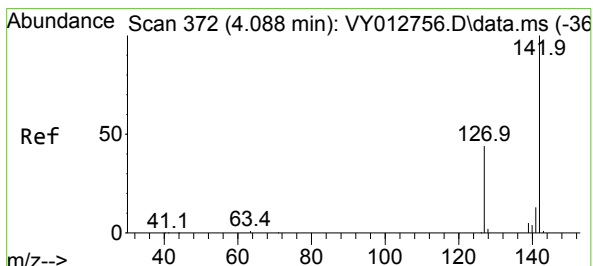
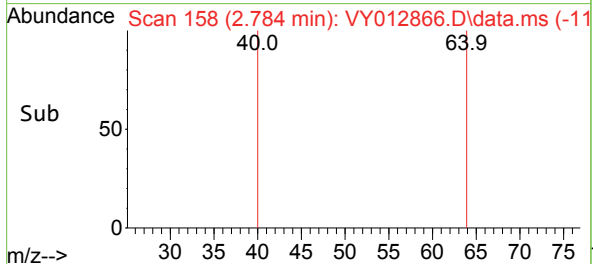
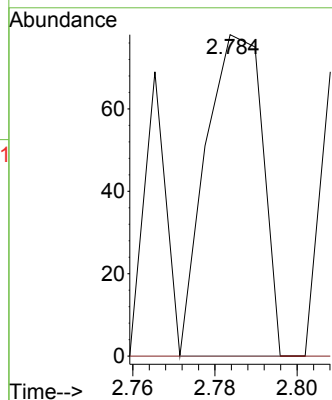
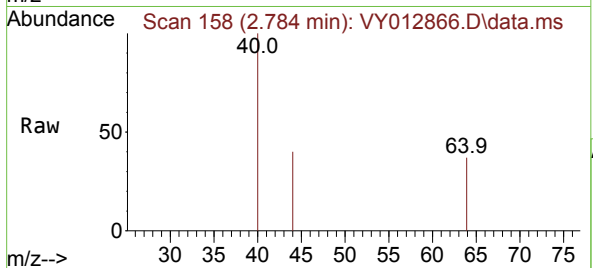




#6
Chloroethane
Concen: 16.797 ug/l
RT: 2.784 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY012866.D
Acq: 08 Mar 2023 13:18

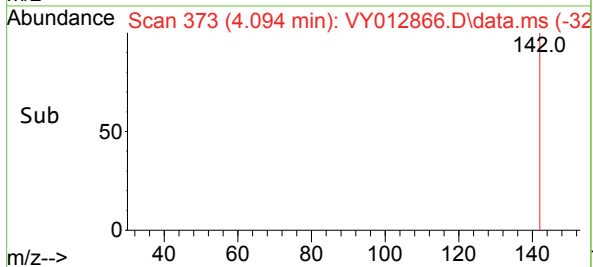
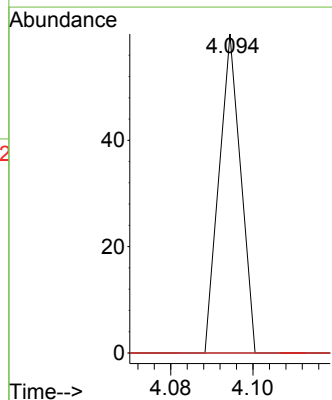
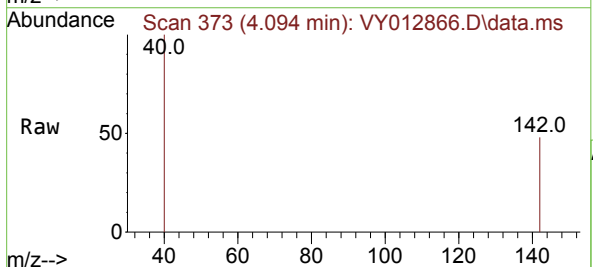
Instrument :
MSVOA_Y
ClientSampleId :
AVENEL-60RE

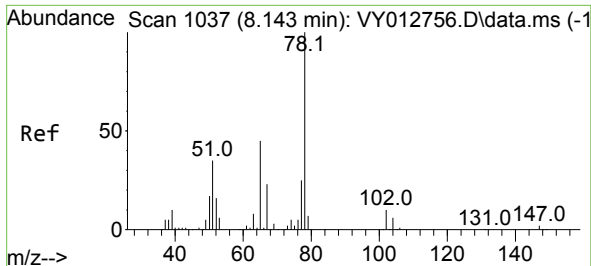
Tgt Ion: 64 Resp: 75
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#10
Methyl Iodide
Concen: 2.266 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY012866.D
Acq: 08 Mar 2023 13:18

Tgt Ion: 142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.2#
141 0.0 11.3 16.9#





#33

1,2-Dichloroethane-d4

Concen: 122.175 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY012866.D

Acq: 08 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

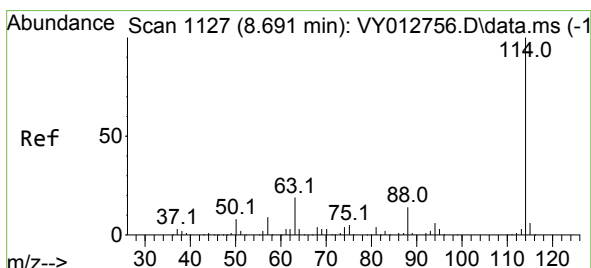
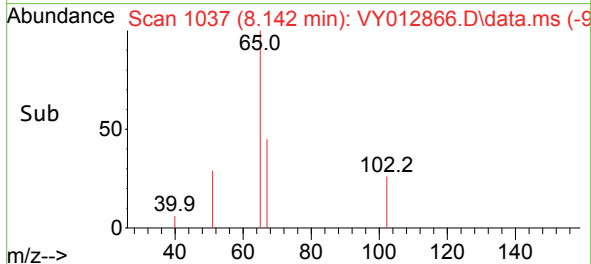
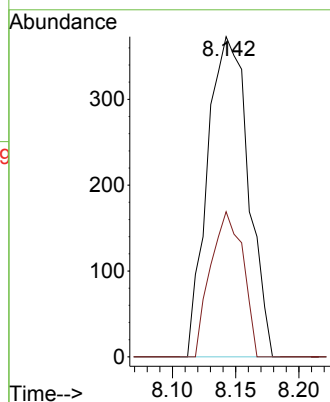
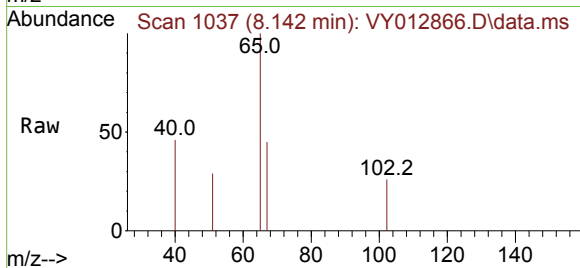
AVENEL-60RE

Tgt Ion: 65 Resp: 837

Ion Ratio Lower Upper

65 100

67 36.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY012866.D

Acq: 08 Mar 2023 13:18

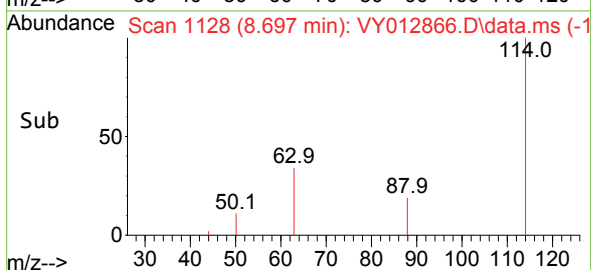
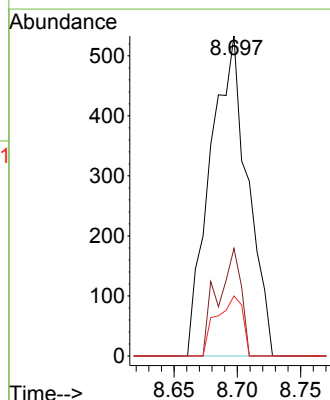
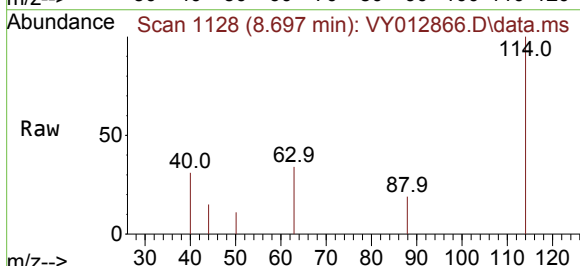
Tgt Ion: 114 Resp: 1097

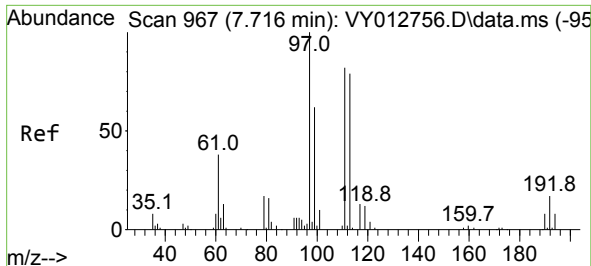
Ion Ratio Lower Upper

114 100

63 33.6 0.0 37.4

88 18.8 0.0 28.6

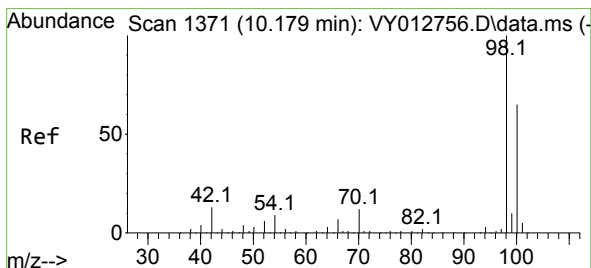
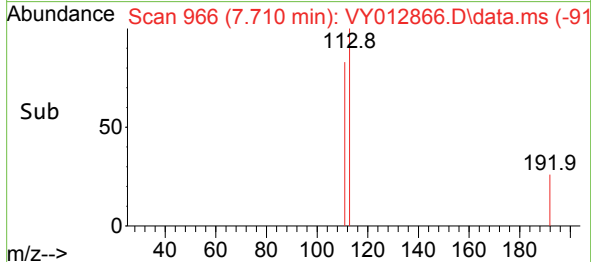
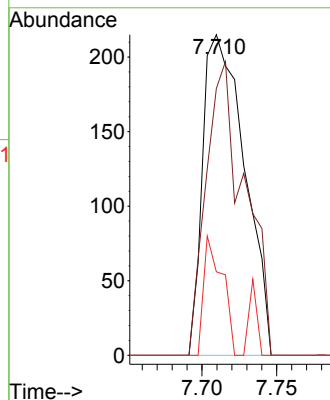
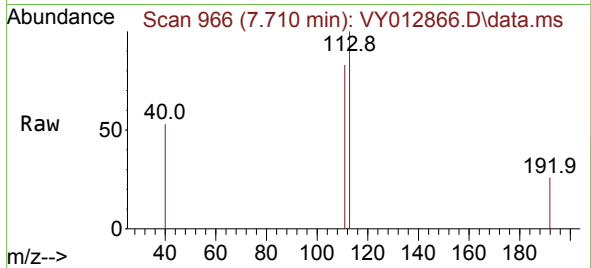




#35
 Dibromofluoromethane
 Concen: 63.138 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY012866.D
 Acq: 08 Mar 2023 13:18

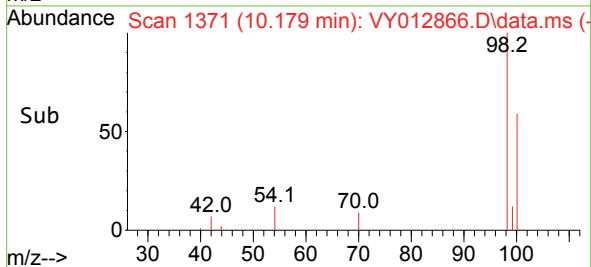
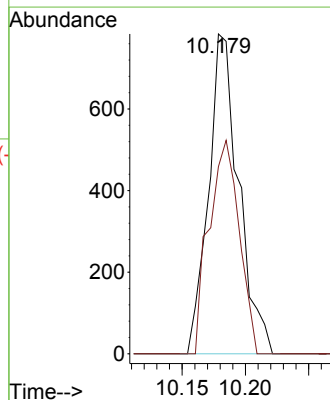
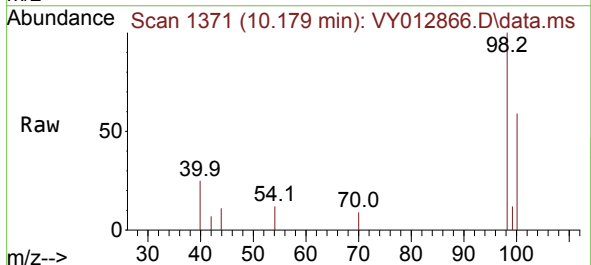
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 AVENEL-60RE

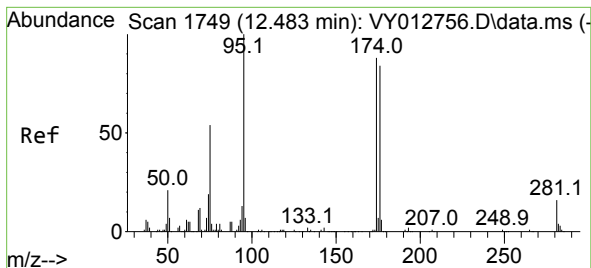
Tgt Ion:113 Resp: 418
 Ion Ratio Lower Upper
 113 100
 111 84.9 82.2 123.2
 192 16.7 16.8 25.2#



#50
 Toluene-d8
 Concen: 53.630 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY012866.D
 Acq: 08 Mar 2023 13:18

Tgt Ion: 98 Resp: 1298
 Ion Ratio Lower Upper
 98 100
 100 66.8 50.9 76.3

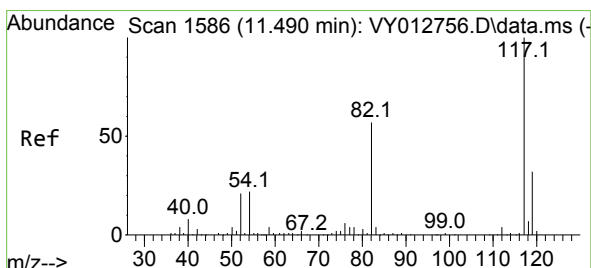
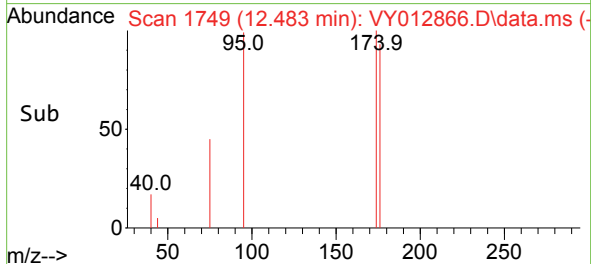
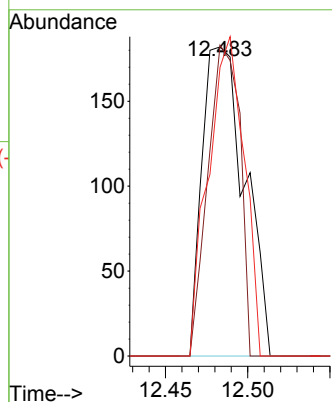
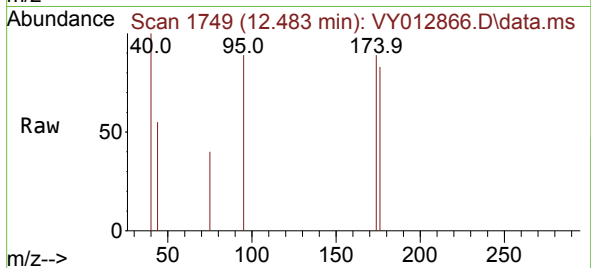




#62
4-Bromofluorobenzene
Concen: 40.274 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012866.D
Acq: 08 Mar 2023 13:18

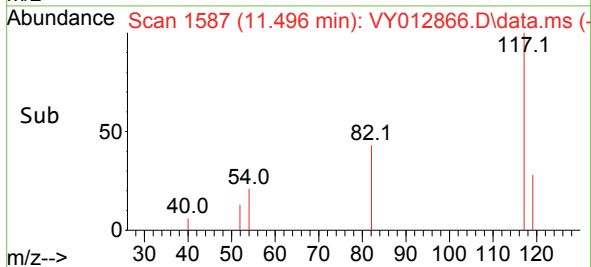
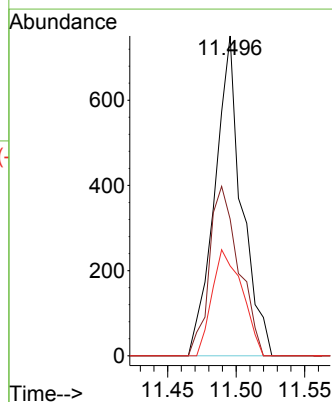
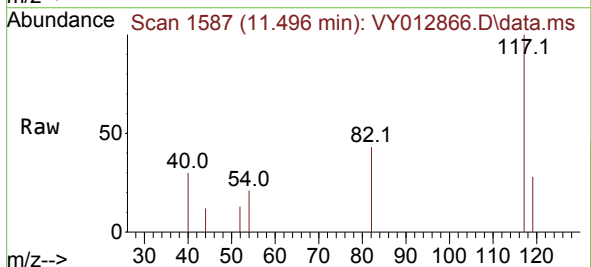
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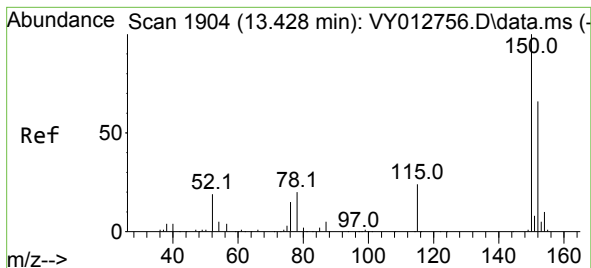
Tgt Ion: 95	Resp:	329	
Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	176.6
176	86.6	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012866.D
Acq: 08 Mar 2023 13:18

Tgt Ion:117	Resp:	1031	
Ion	Ratio	Lower	Upper
117	100		
82	42.7	45.4	68.0#
119	28.1	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012866.D

Acq: 08 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

AVENEL-60RE

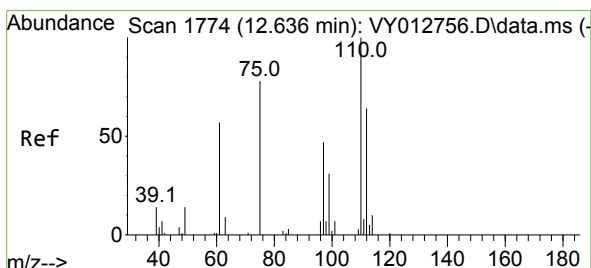
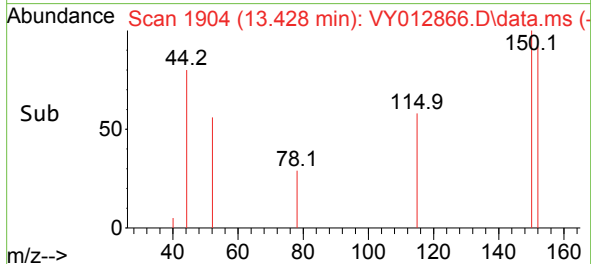
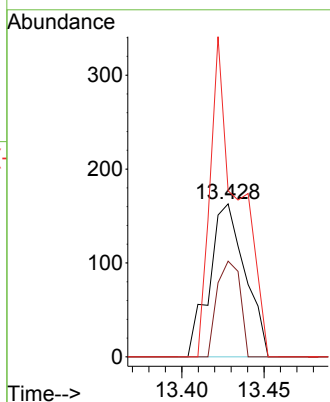
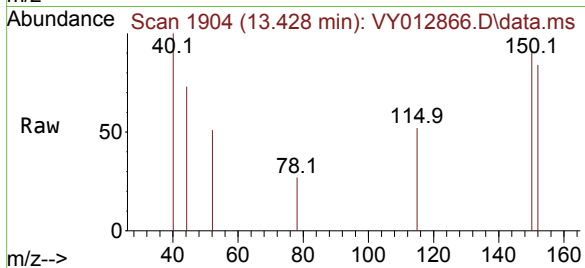
Tgt Ion:152 Resp: 247

Ion Ratio Lower Upper

152 100

115 40.5 27.1 81.3

150 161.5 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 63.399 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY012866.D

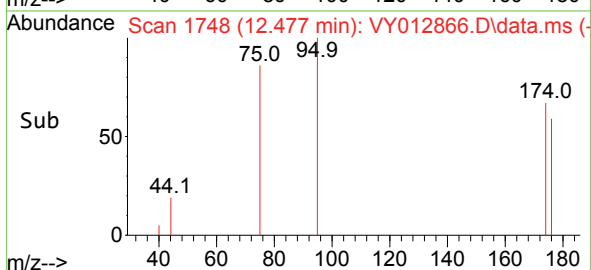
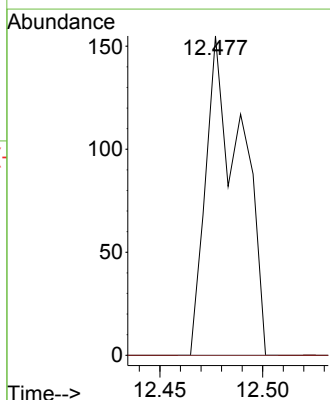
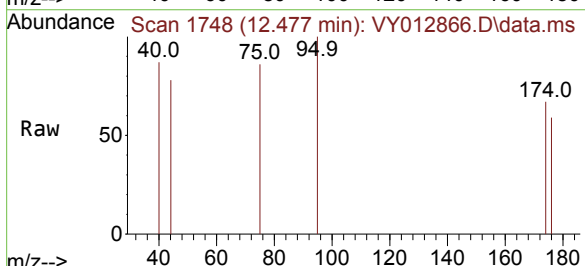
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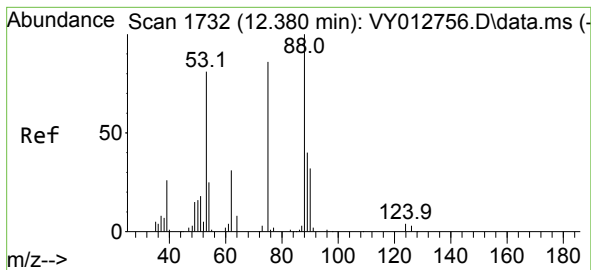
Tgt Ion: 75 Resp: 187

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 131.365 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY012866.D
Acq: 08 Mar 2023 13:18

Instrument :
MSVOA_Y
ClientSampleId :
AVENEL-60RE

Tgt Ion: 75 Resp: 187
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

