

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008673.D
 Acq On : 10 May 2022 12:10
 Operator : KP/MD
 Sample : N2619-22RE
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB10-13-14-FT

Quant Time: May 10 15:57:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

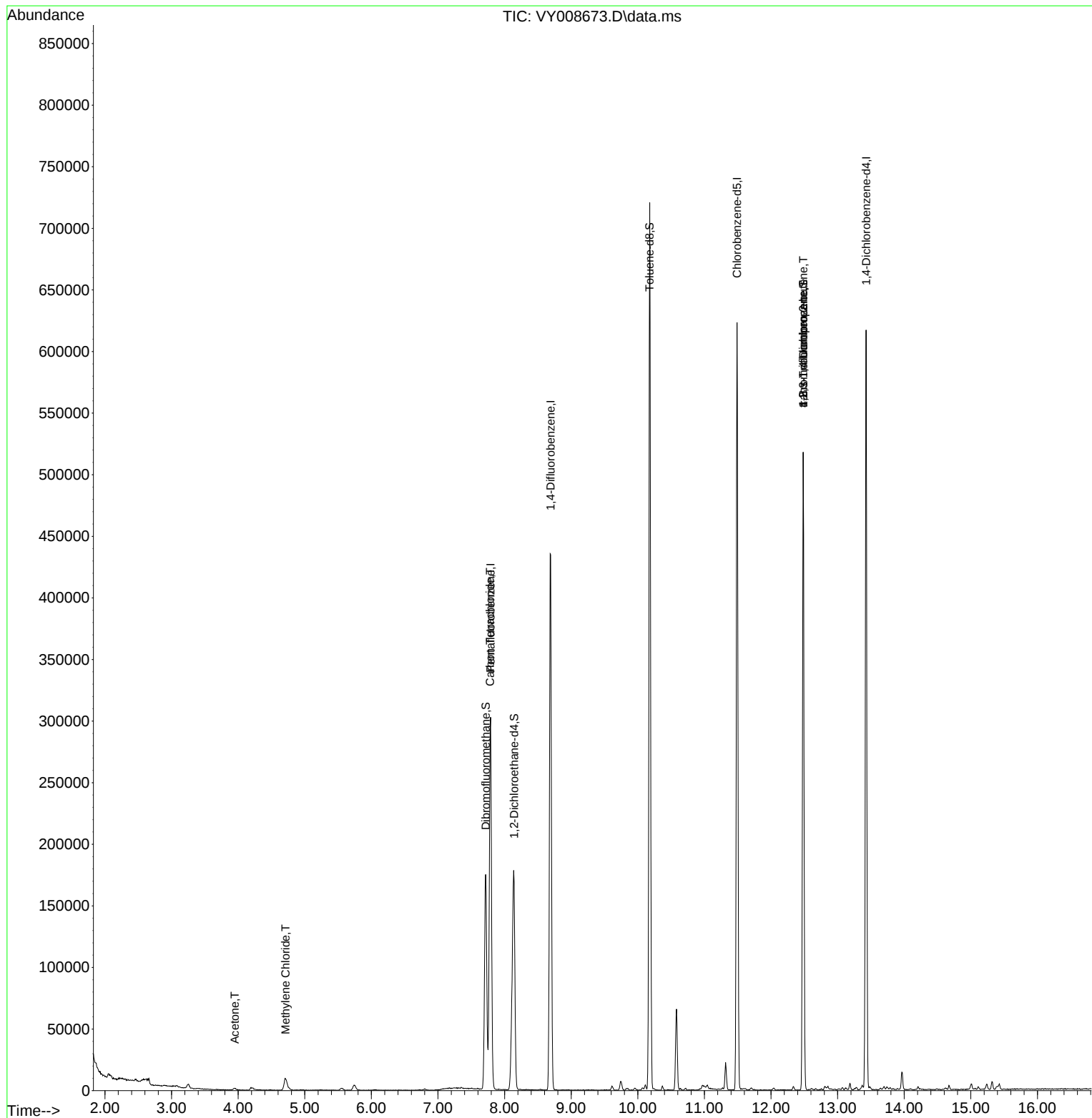
Internal Standards						
1) Pentafluorobenzene	7.789	168	260757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	420541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	369526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	113513	50.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.600%	
35) Dibromofluoromethane	7.716	113	127790	49.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.620%	
50) Toluene-d8	10.179	98	483424	52.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.860%	
62) 4-Bromofluorobenzene	12.483	95	151131	45.998	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	723	Below Cal	#	77
16) Acetone	3.948	43	2483	4.710	ug/l	91
18) Methyl Acetate	4.479	43	404	Below Cal	#	56
20) Methylene Chloride	4.710	84	8197	2.561	ug/l	# 71
38) Carbon Tetrachloride	7.783	117	23069	5.478	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	71545	37.652	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	71545	74.912	ug/l	# 7

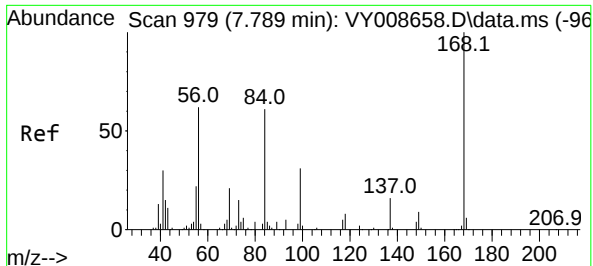
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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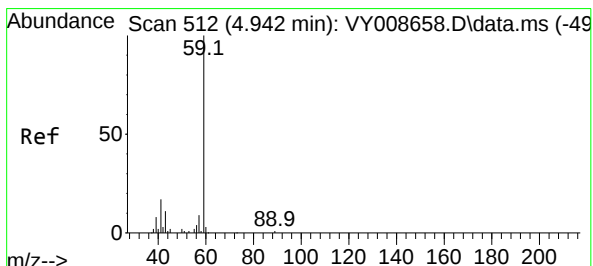
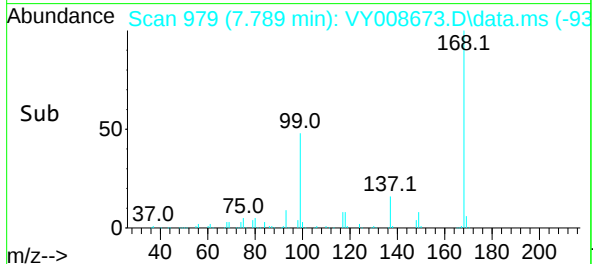
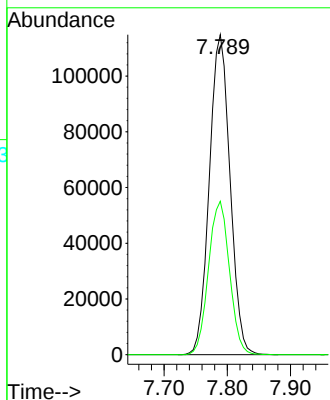
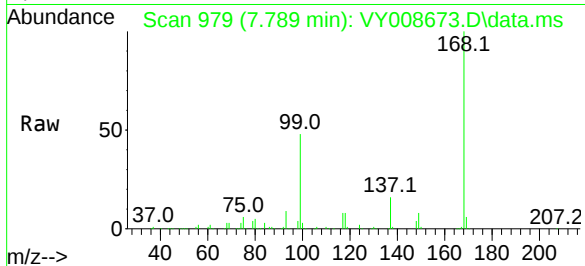




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008673.D
Acq: 10 May 2022 12:10

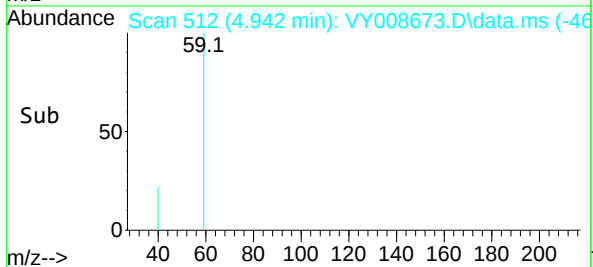
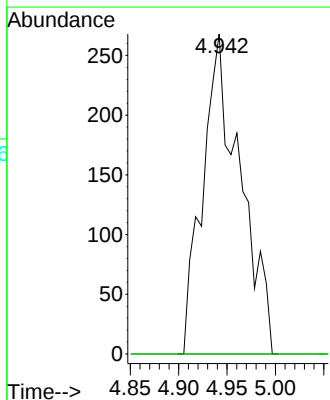
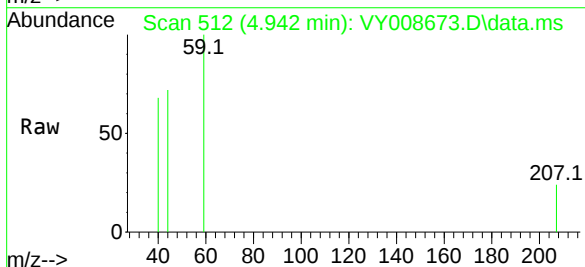
Instrument :
MSVOA_Y
ClientSampleId :
SB10-13-14-FT

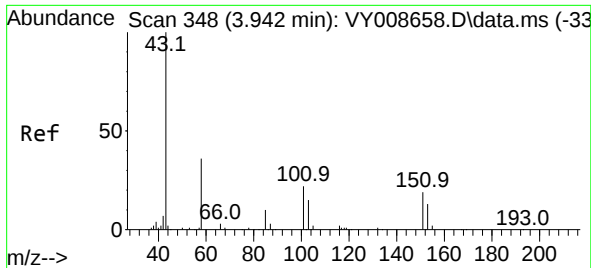
Tgt Ion:168 Resp: 260757
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY008673.D
Acq: 10 May 2022 12:10

Tgt Ion: 59 Resp: 723
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

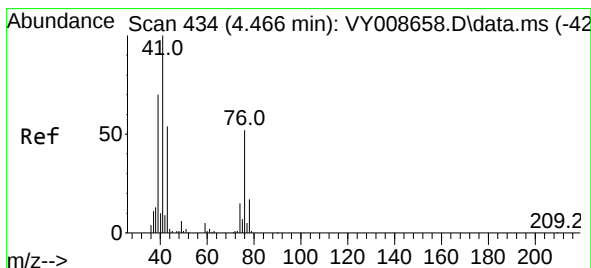
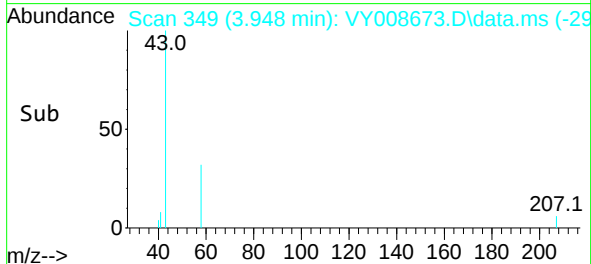
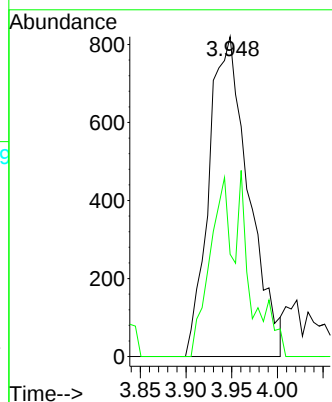
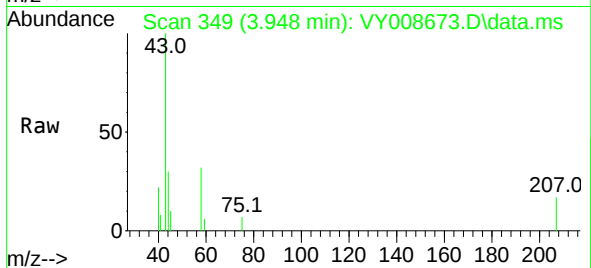




#16
Acetone
Concen: 4.710 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008673.D
Acq: 10 May 2022 12:10

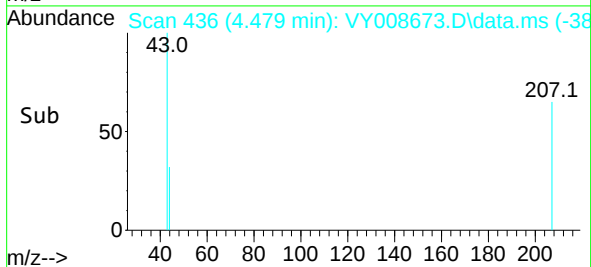
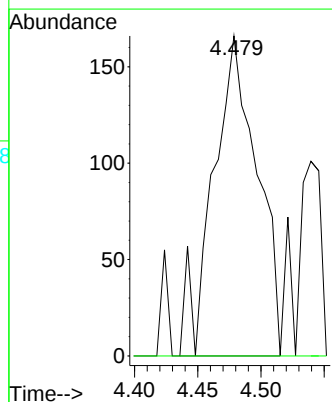
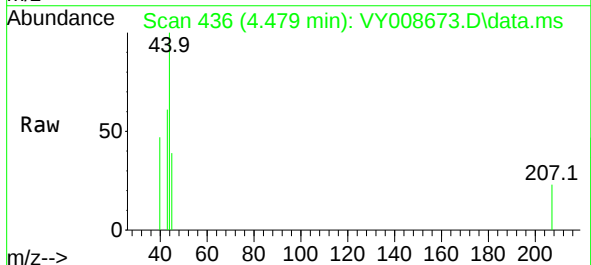
Instrument :
MSVOA_Y
ClientSampleId :
SB10-13-14-FT

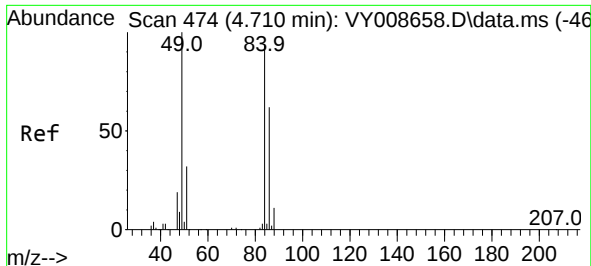
Tgt Ion: 43 Resp: 2483
Ion Ratio Lower Upper
43 100
58 32.0 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY008673.D
Acq: 10 May 2022 12:10

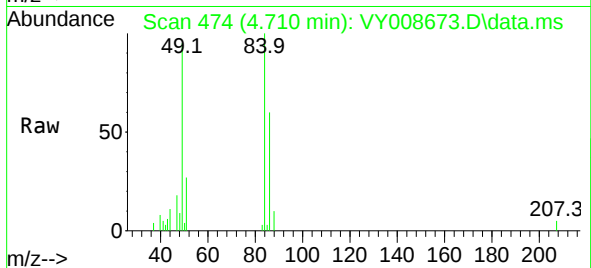
Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



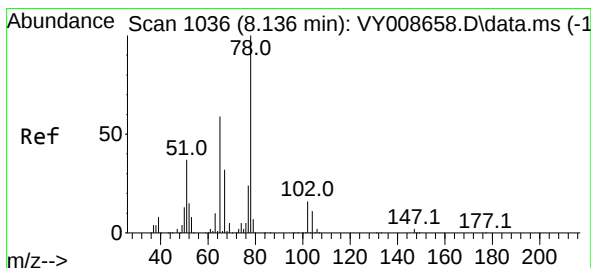
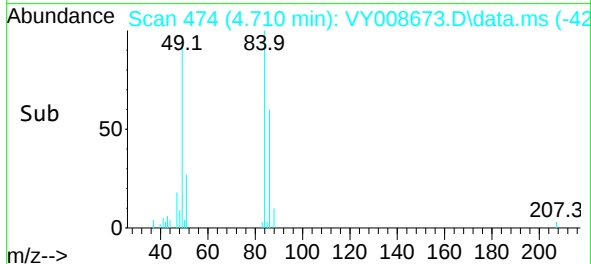
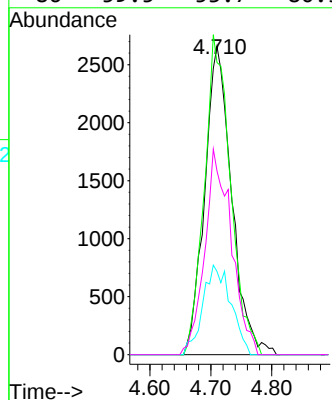


#20
Methylene Chloride
Concen: 2.561 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008673.D
Acq: 10 May 2022 12:10

Instrument :
MSVOA_Y
ClientSampleId :
SB10-13-14-FT

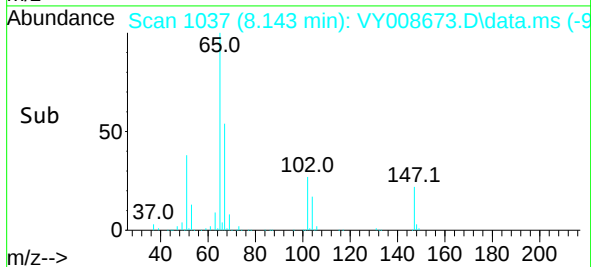
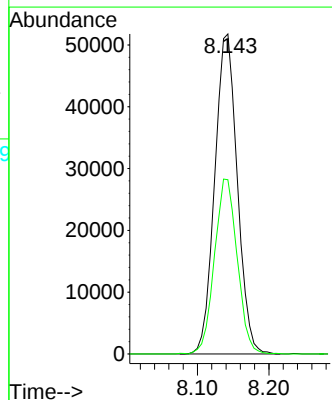
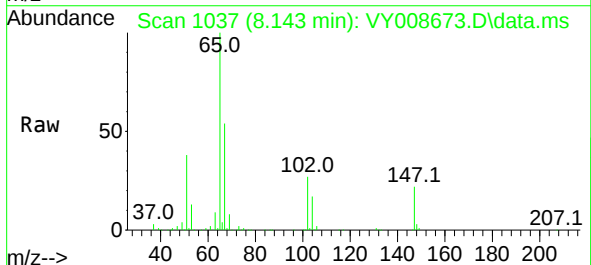


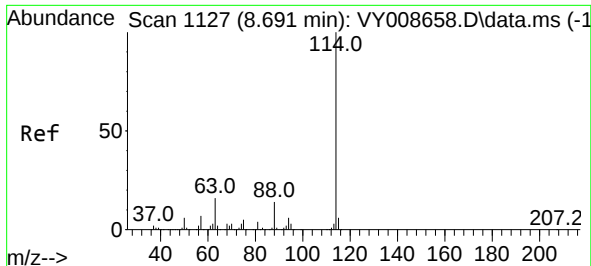
Tgt Ion: 84 Resp: 8197
Ion Ratio Lower Upper
84 100
49 94.7 114.4 171.6#
51 27.0 35.3 52.9#
86 59.5 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 50.805 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008673.D
Acq: 10 May 2022 12:10

Tgt Ion: 65 Resp: 113513
Ion Ratio Lower Upper
65 100
67 55.2 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: VY008673.D

Acq: 10 May 2022 12:10

Instrument :

MSVOA_Y

ClientSampleId :

SB10-13-14-FT

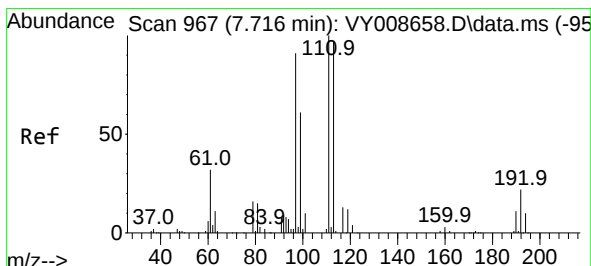
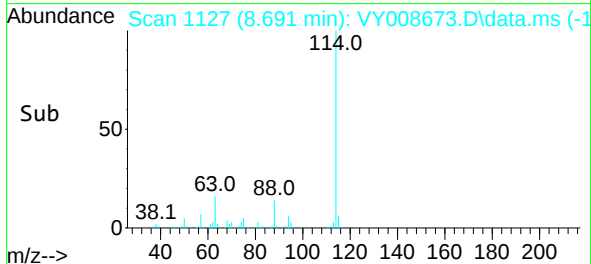
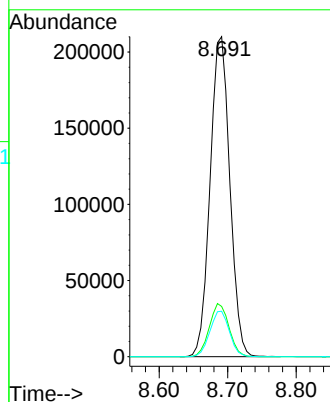
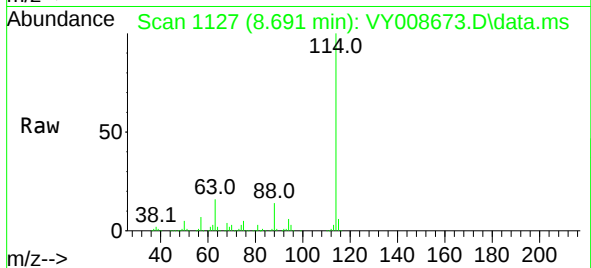
Tgt Ion:114 Resp: 420541

Ion Ratio Lower Upper

114 100

63 15.7 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.310 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008673.D

Acq: 10 May 2022 12:10

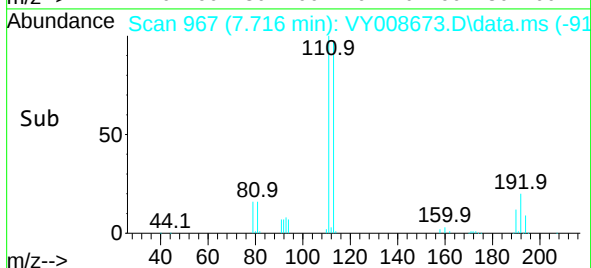
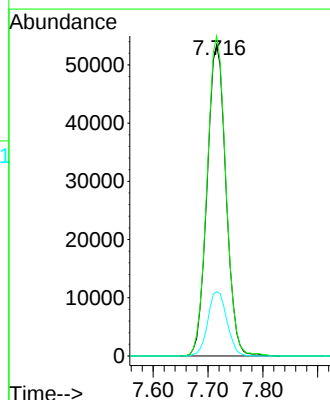
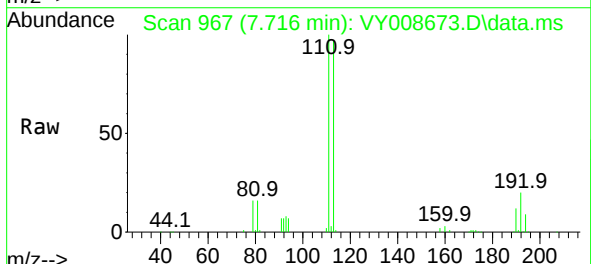
Tgt Ion:113 Resp: 127790

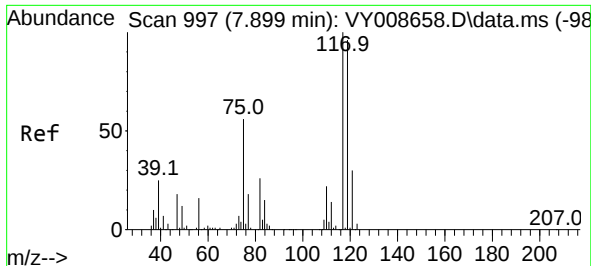
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 20.8 17.6 26.4

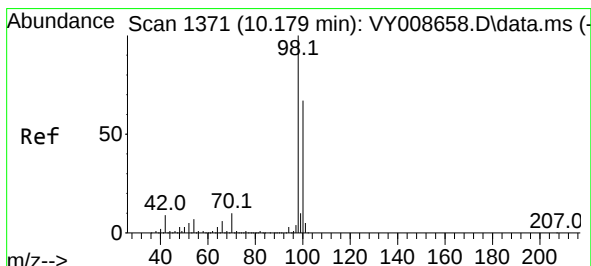
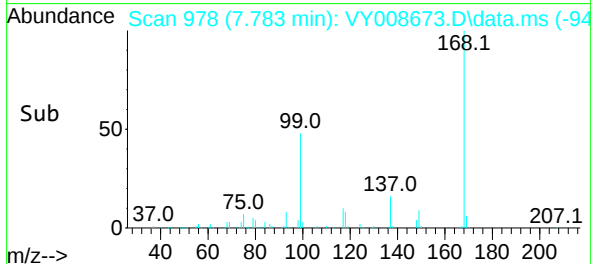
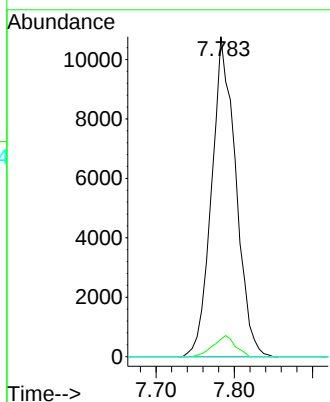
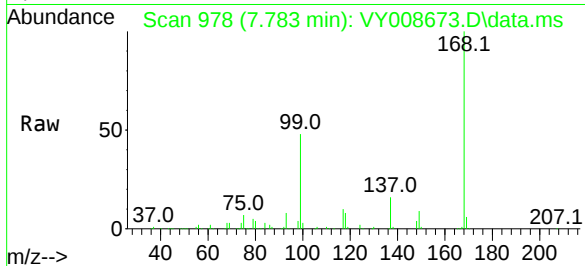




#38
Carbon Tetrachloride
Concen: 5.478 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008673.D
Acq: 10 May 2022 12:10

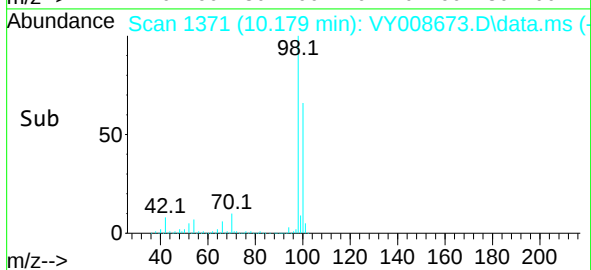
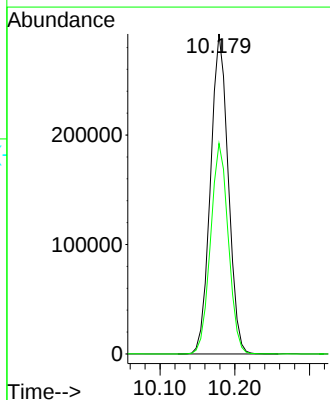
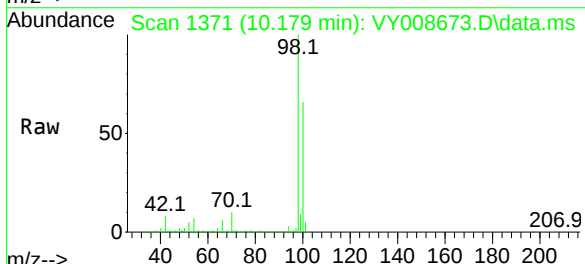
Instrument :
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ClientSampleId :
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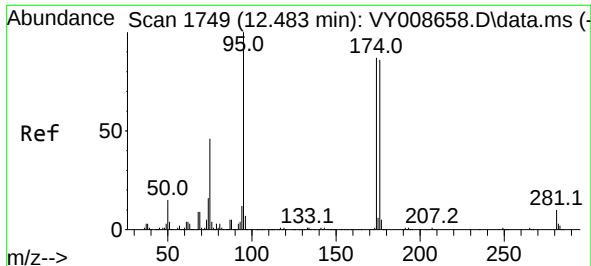
Tgt Ion:117 Resp: 23069
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.934 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008673.D
Acq: 10 May 2022 12:10

Tgt Ion: 98 Resp: 483424
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

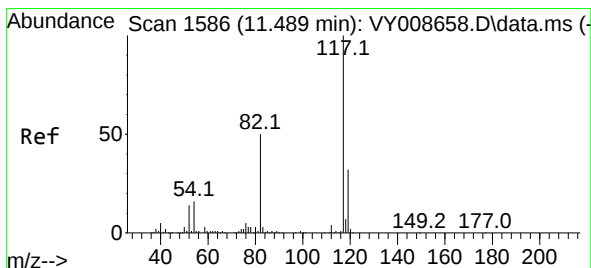
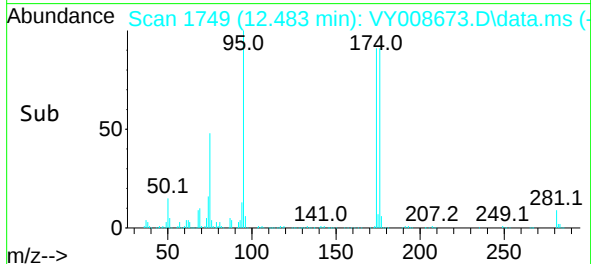
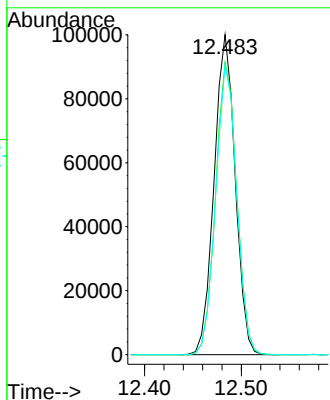
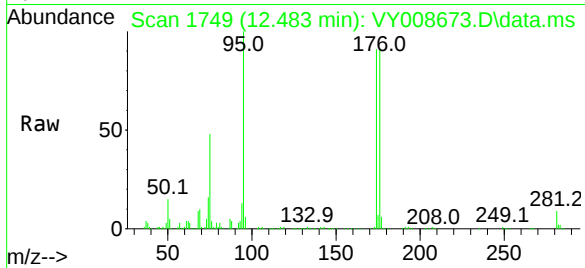




#62
4-Bromofluorobenzene
Concen: 45.998 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008673.D
Acq: 10 May 2022 12:10

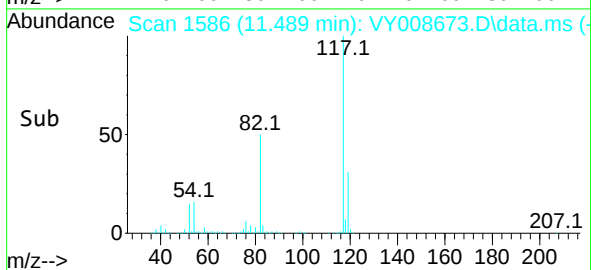
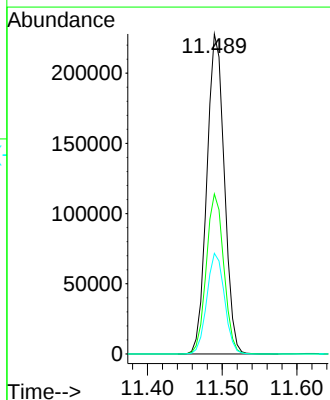
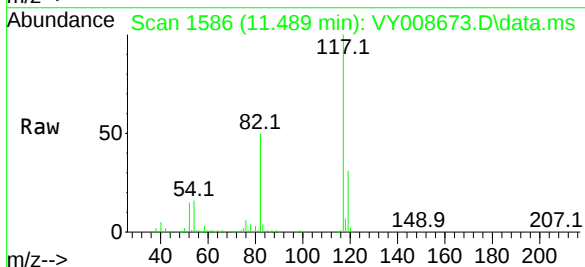
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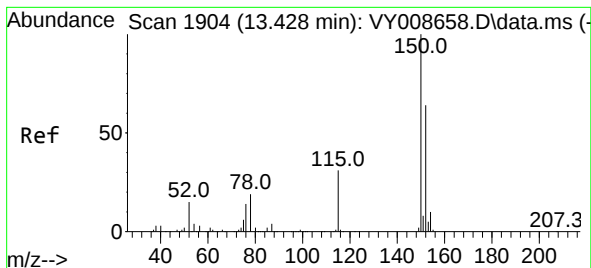
Tgt Ion: 95 Resp: 151131
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 90.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008673.D
Acq: 10 May 2022 12:10

Tgt Ion: 117 Resp: 369526
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 31.5 25.4 38.0

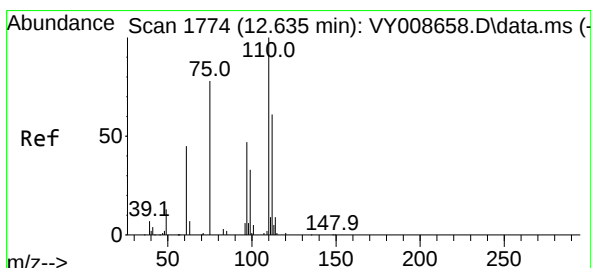
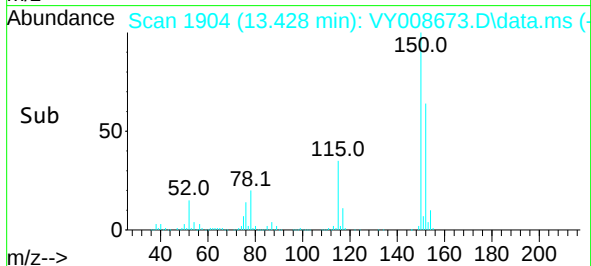
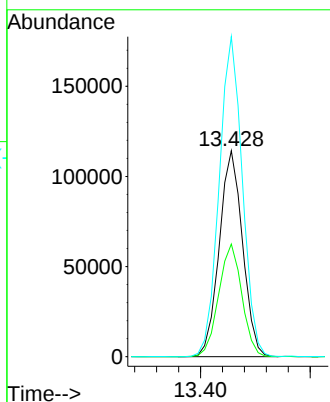
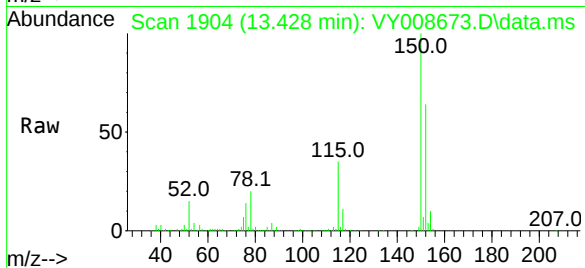




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008673.D
 Acq: 10 May 2022 12:10

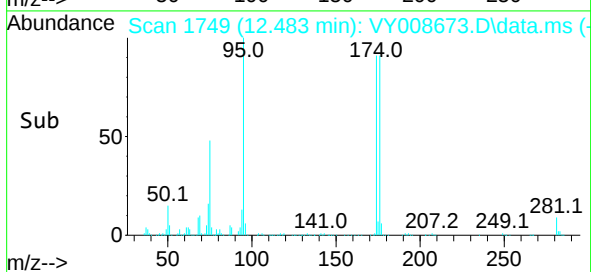
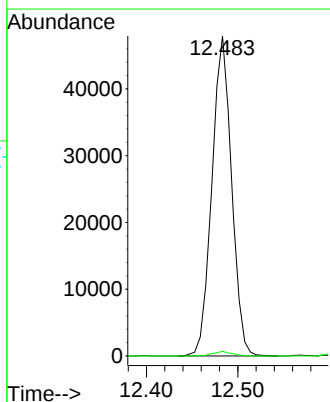
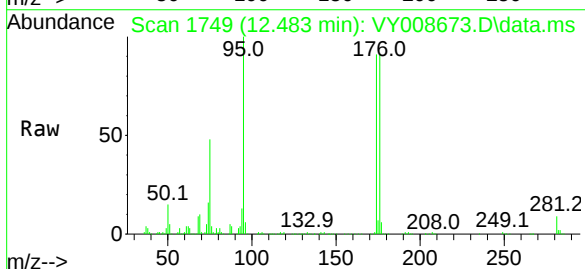
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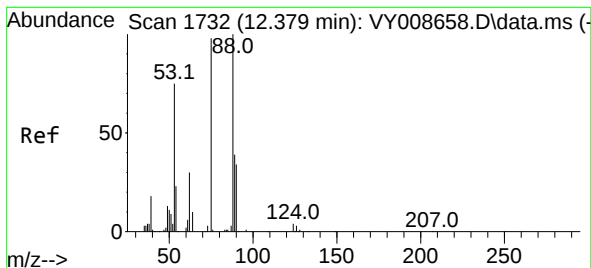
Tgt Ion:152 Resp: 168561
 Ion Ratio Lower Upper
 152 100
 115 54.3 28.2 84.7
 150 154.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 37.652 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008673.D
 Acq: 10 May 2022 12:10

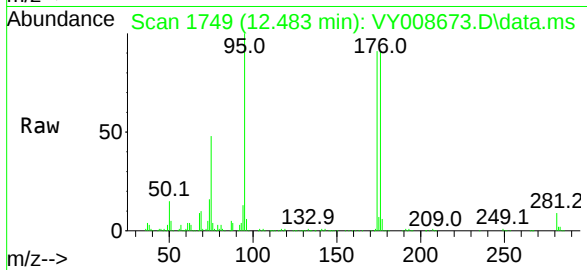
Tgt Ion: 75 Resp: 71545
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.912 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008673.D
 Acq: 10 May 2022 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB10-13-14-FT



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

