

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072866.D
 Acq On : 15 Jun 2022 05:57
 Operator : JC\MD
 Sample : N3334-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-8-GR

Quant Time: Jun 15 07:52:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

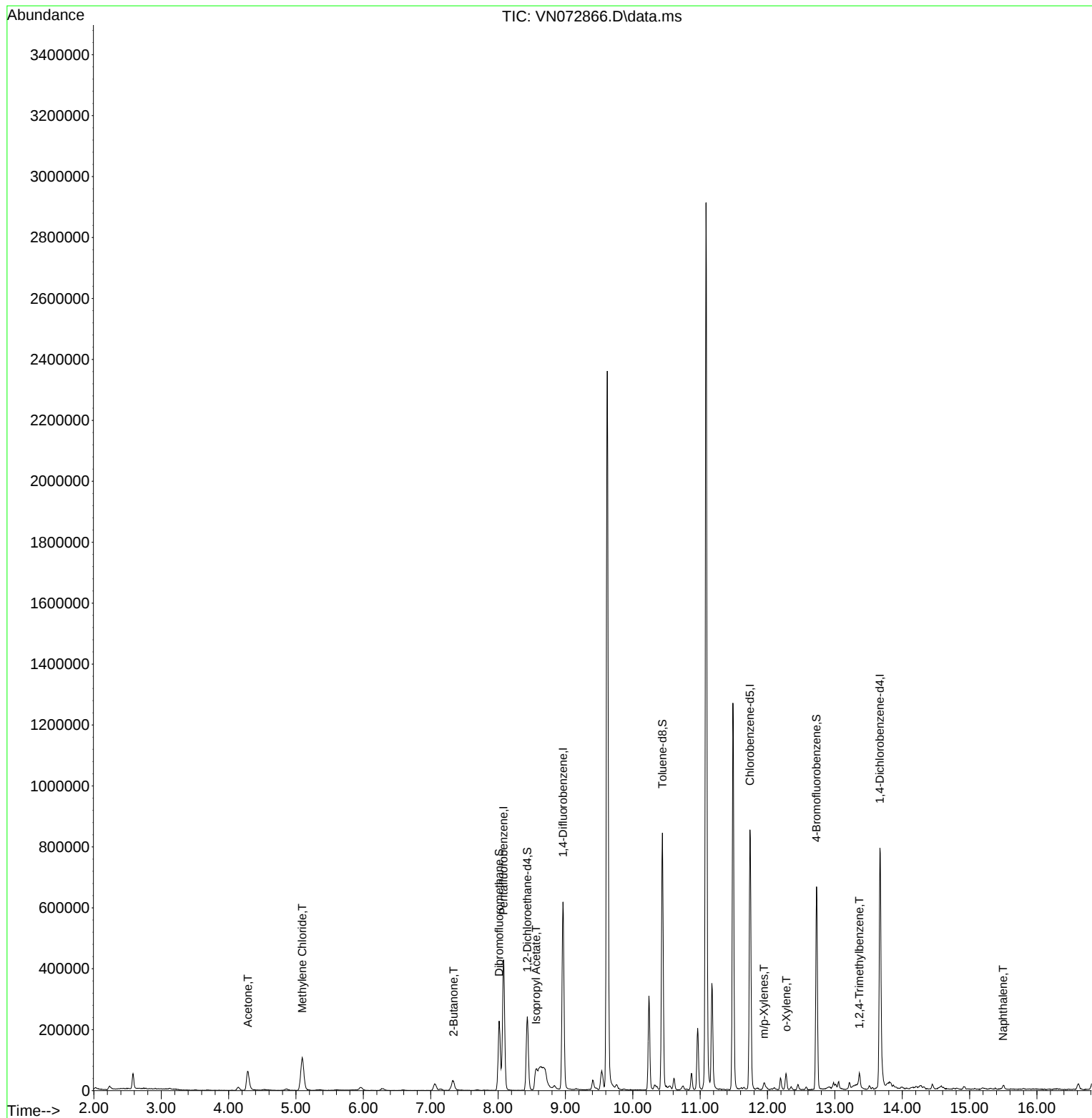
Internal Standards						
1) Pentafluorobenzene	8.081	168	306139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	523232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	491056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	208384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	202158	42.637	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.280%
35) Dibromofluoromethane	8.016	113	162201	50.070	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.140%
50) Toluene-d8	10.439	98	561280	43.904	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	87.800%
62) 4-Bromofluorobenzene	12.727	95	238018	55.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.920%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	122867	46.366	ug/l	90
20) Methylene Chloride	5.093	84	83578	23.857	ug/l #	84
25) 2-Butanone	7.340	43	52490	12.500	ug/l	90
43) Isopropyl Acetate	8.563	43	90216	8.389	ug/l #	71
68) m/p-Xylenes	11.945	106	6894	1.115	ug/l	92
69) o-Xylene	12.280	106	10514	1.607	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	24639	1.673	ug/l	92
95) Naphthalene	15.498	128	14340	1.094	ug/l	97

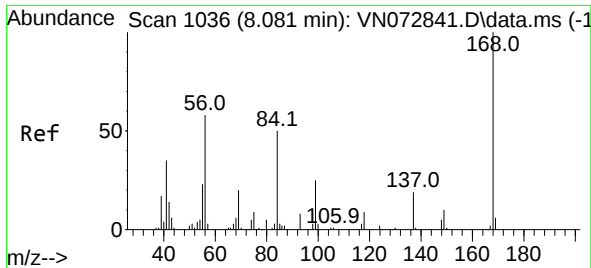
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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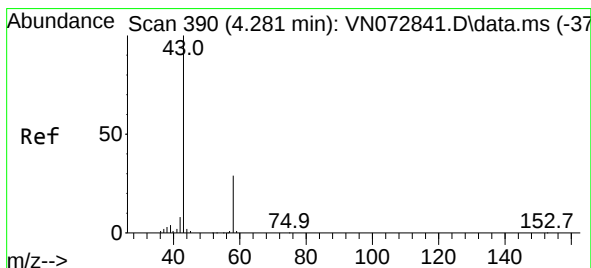
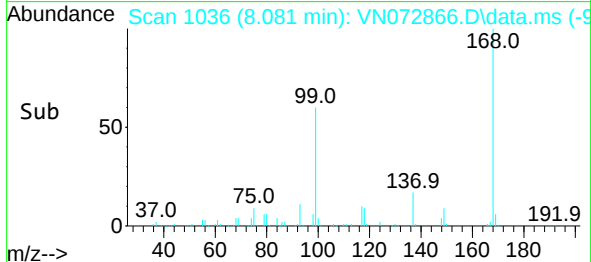
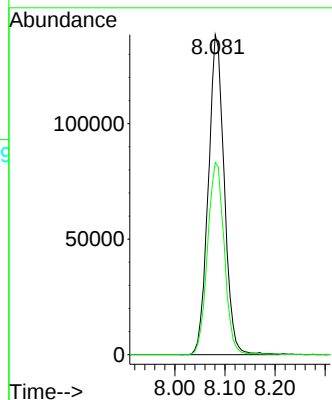
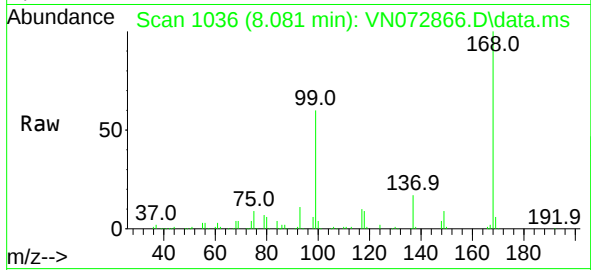




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072866.D
Acq: 15 Jun 2022 05:57

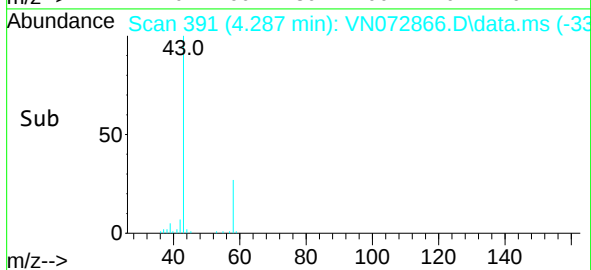
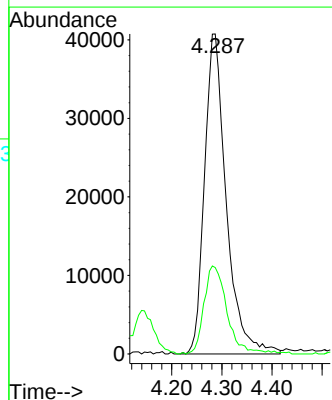
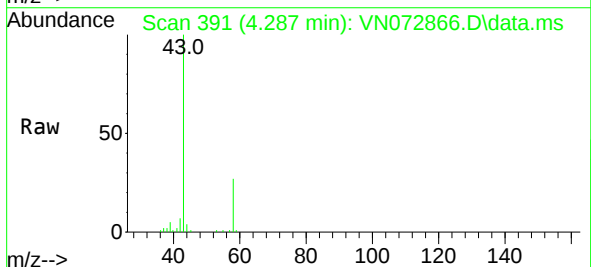
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-8-GR

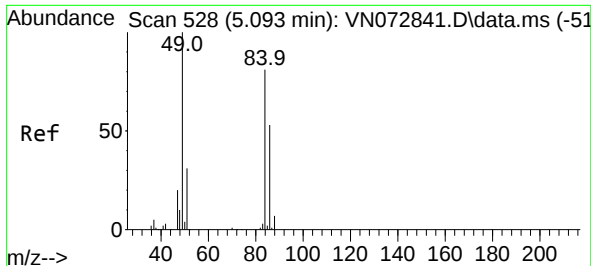
Tgt Ion:168 Resp: 306139
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5



#16
Acetone
Concen: 46.366 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072866.D
Acq: 15 Jun 2022 05:57

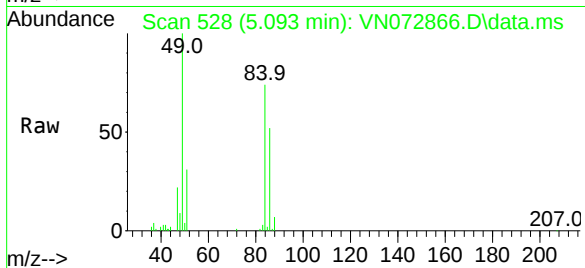
Tgt Ion: 43 Resp: 122867
Ion Ratio Lower Upper
43 100
58 27.0 26.0 39.0



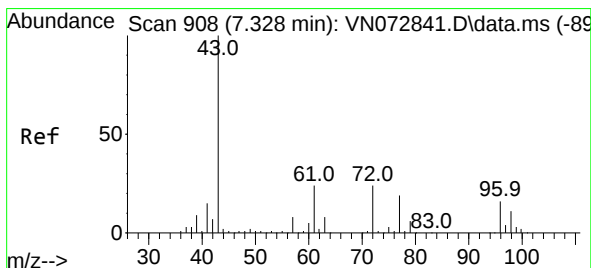
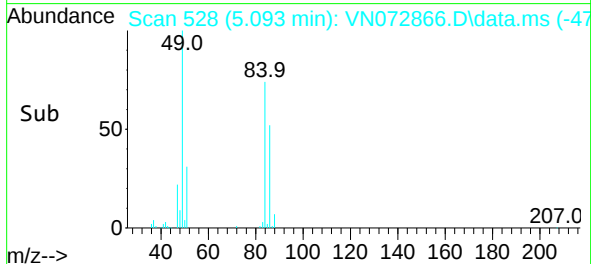
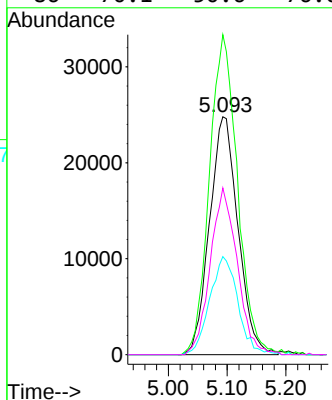


#20
Methylene Chloride
Concen: 23.857 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072866.D
Acq: 15 Jun 2022 05:57

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-8-GR

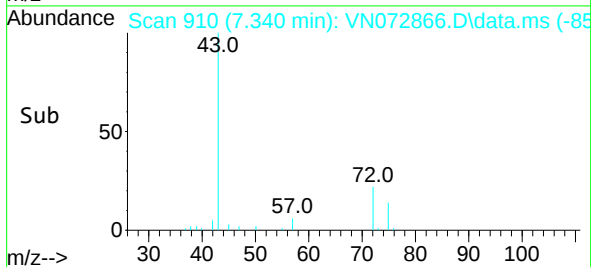
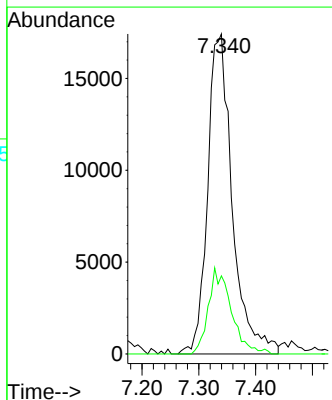
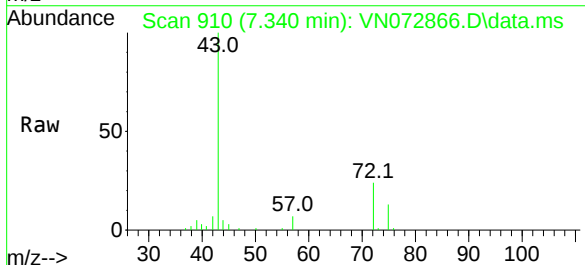


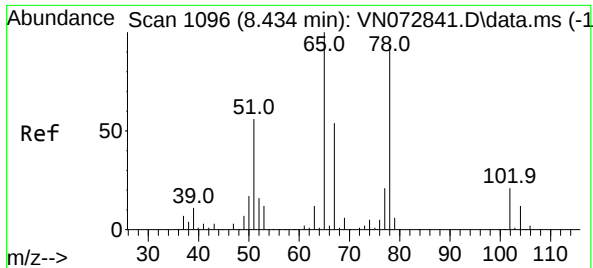
Tgt Ion: 84 Resp: 83578
Ion Ratio Lower Upper
84 100
49 134.5 88.3 132.5#
51 41.2 28.2 42.2
86 70.1 50.6 76.0



#25
2-Butanone
Concen: 12.500 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072866.D
Acq: 15 Jun 2022 05:57

Tgt Ion: 43 Resp: 52490
Ion Ratio Lower Upper
43 100
72 24.4 23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 42.637 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072866.D

Acq: 15 Jun 2022 05:57

Instrument :

MSVOA_N

ClientSampleId :

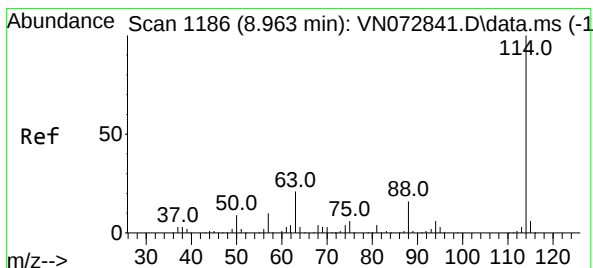
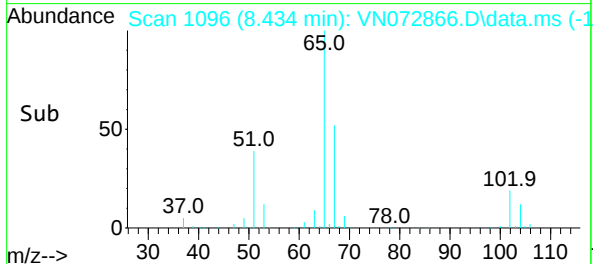
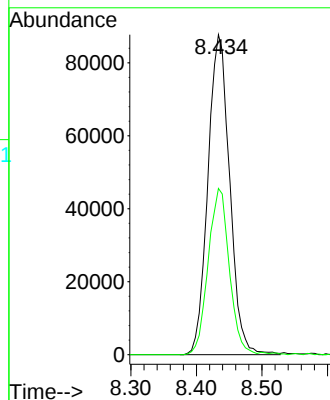
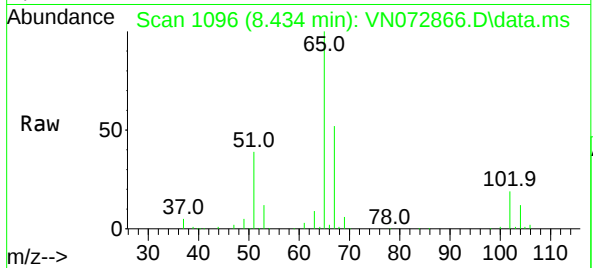
WC-14A-1A-8-GR

Tgt Ion: 65 Resp: 202158

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072866.D

Acq: 15 Jun 2022 05:57

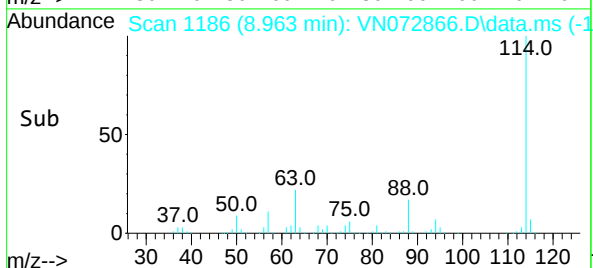
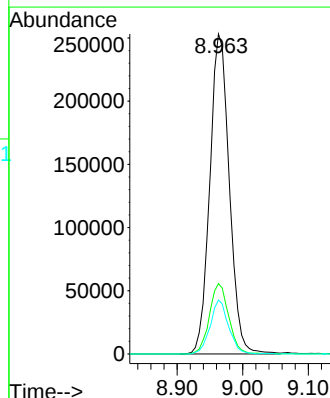
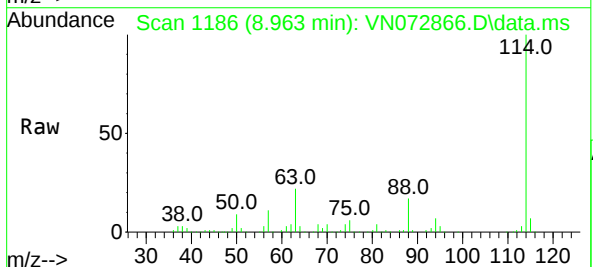
Tgt Ion: 114 Resp: 523232

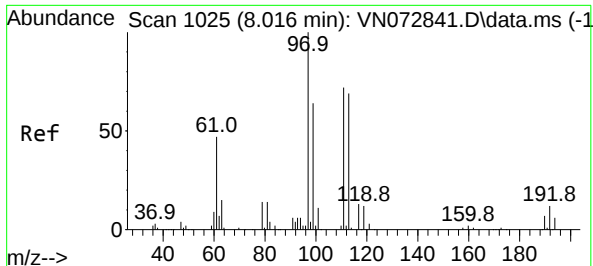
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.070 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072866.D

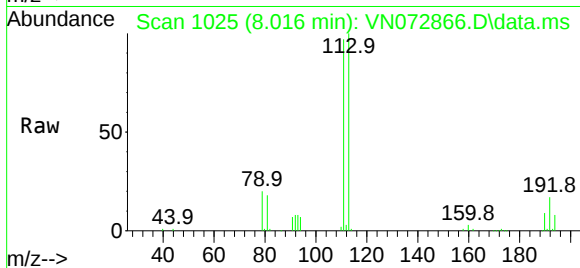
Acq: 15 Jun 2022 05:57

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-8-GR



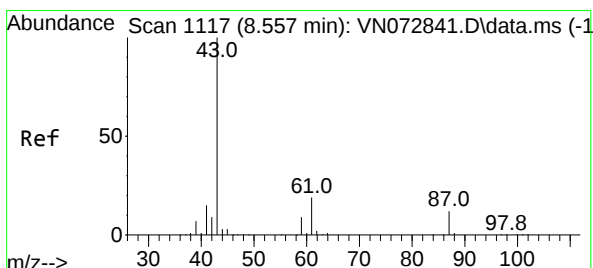
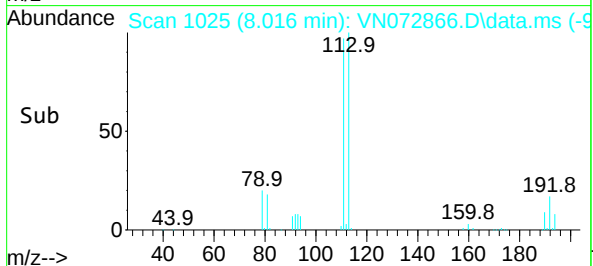
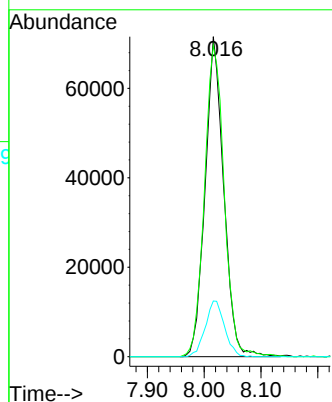
Tgt Ion:113 Resp: 162201

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 18.1 17.0 25.6



#43

Isopropyl Acetate

Concen: 8.389 ug/l

RT: 8.563 min Scan# 1118

Delta R.T. 0.006 min

Lab File: VN072866.D

Acq: 15 Jun 2022 05:57

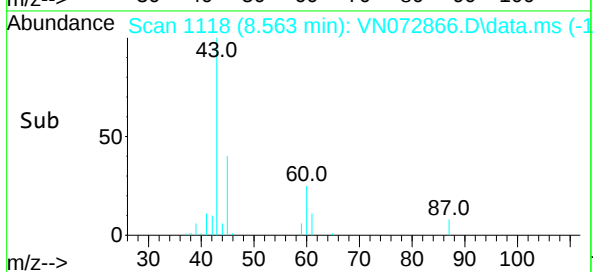
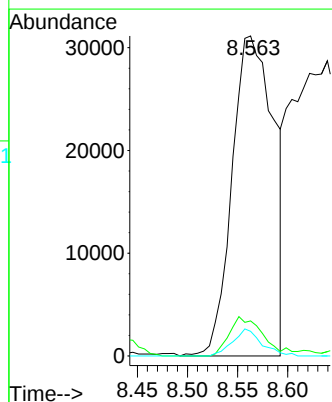
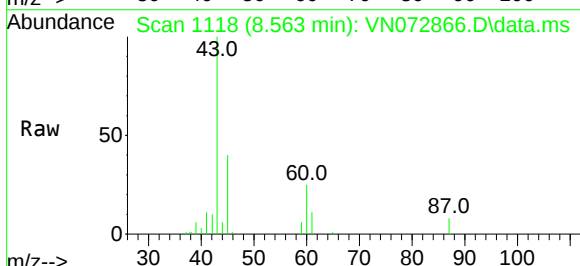
Tgt Ion: 43 Resp: 90216

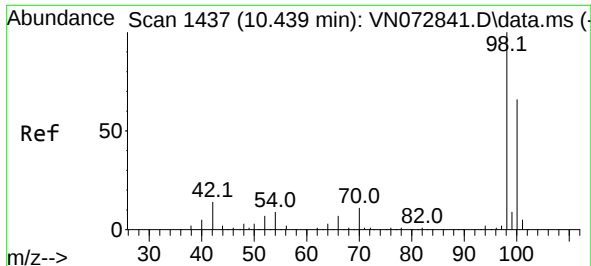
Ion Ratio Lower Upper

43 100

61 10.1 21.9 32.9#

87 5.9 12.0 18.0#

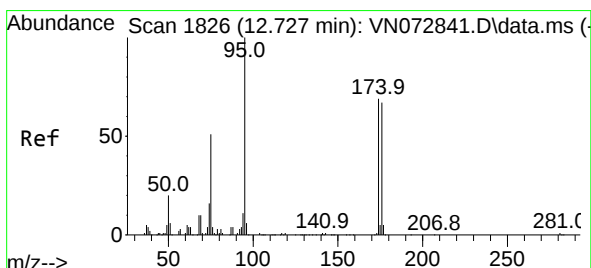
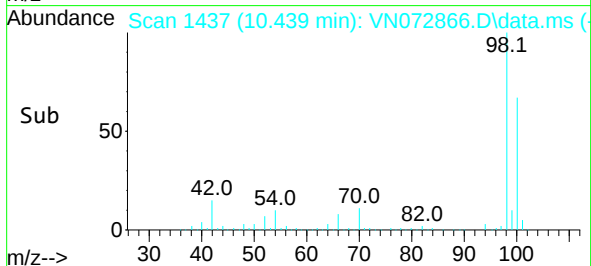
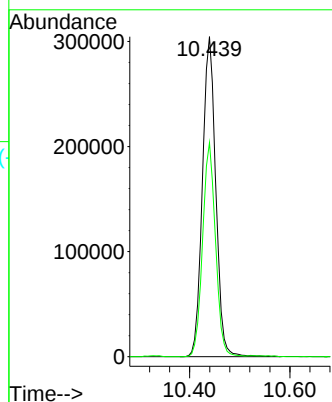
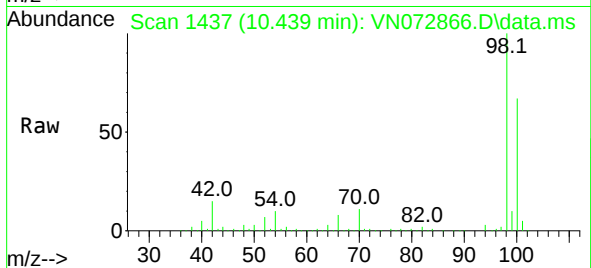




#50
Toluene-d8
Concen: 43.904 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072866.D
Acq: 15 Jun 2022 05:57

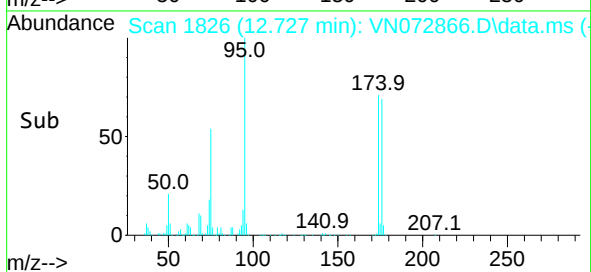
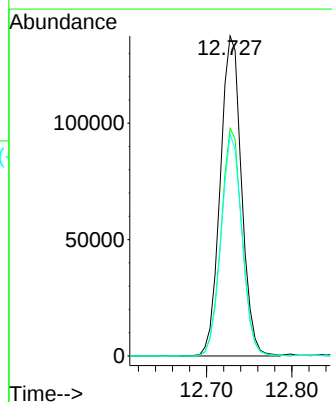
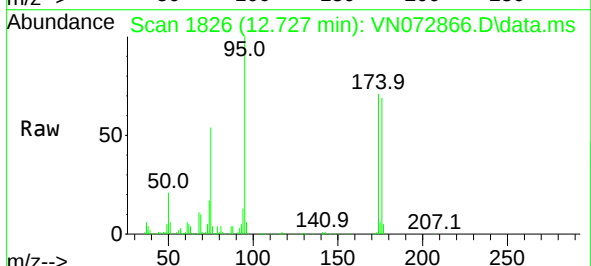
Instrument :
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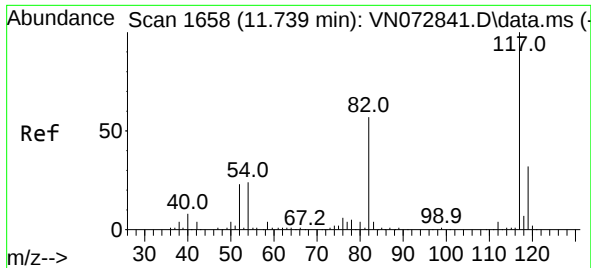
Tgt Ion: 98 Resp: 561280
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.463 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072866.D
Acq: 15 Jun 2022 05:57

Tgt Ion: 95 Resp: 238018
Ion Ratio Lower Upper
95 100
174 70.1 0.0 167.6
176 68.2 0.0 163.4

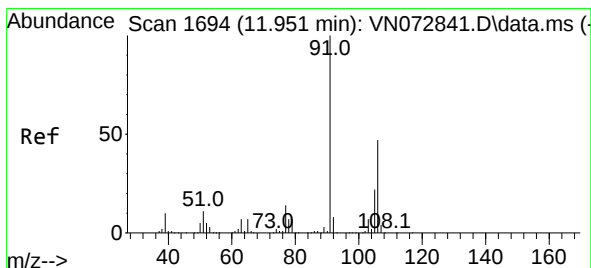
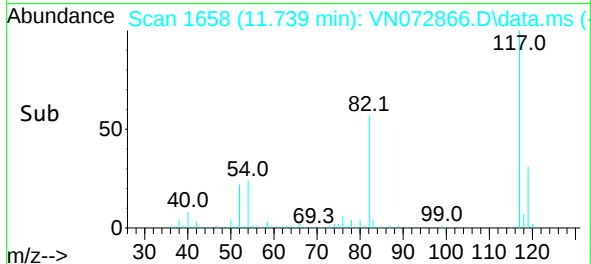
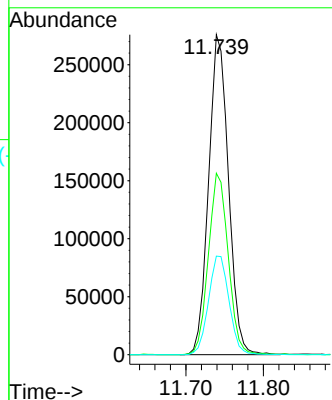
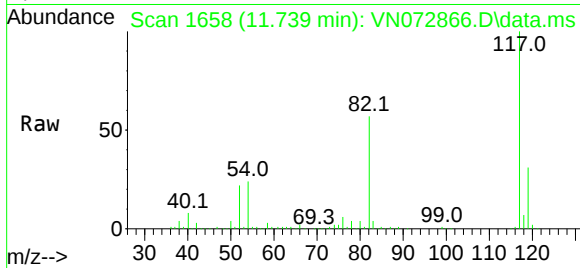




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072866.D
Acq: 15 Jun 2022 05:57

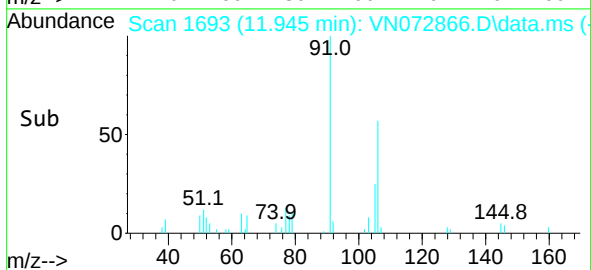
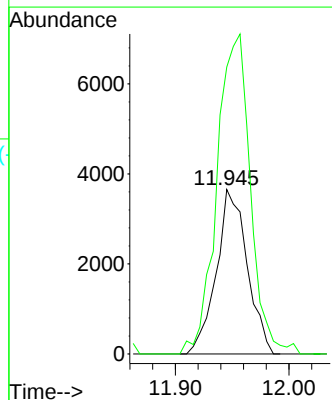
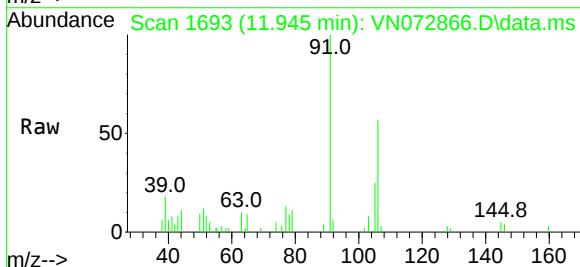
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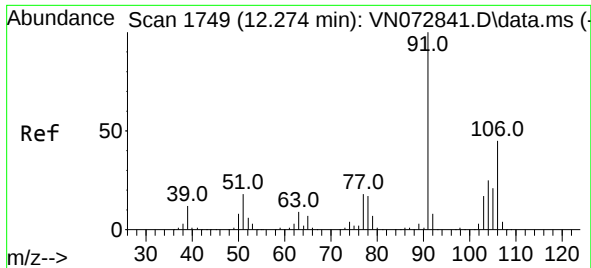
Tgt Ion:117 Resp: 491056
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 30.8 25.4 38.0



#68
m/p-Xylenes
Concen: 1.115 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072866.D
Acq: 15 Jun 2022 05:57

Tgt Ion:106 Resp: 6894
Ion Ratio Lower Upper
106 100
91 211.1 158.9 238.3

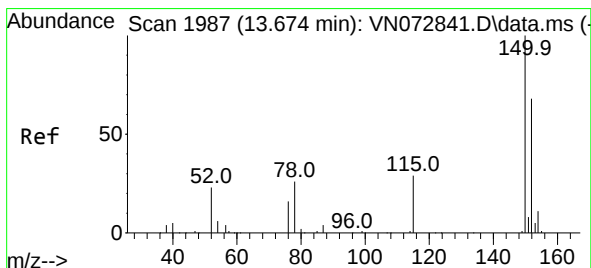
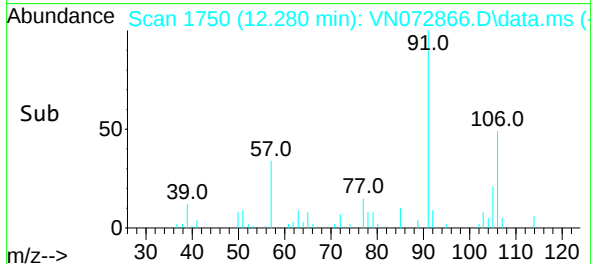
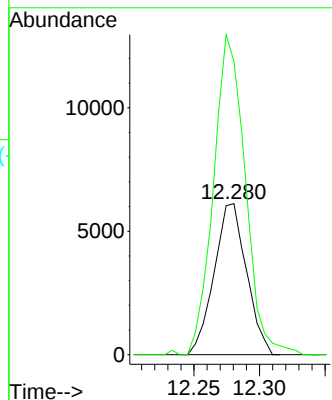
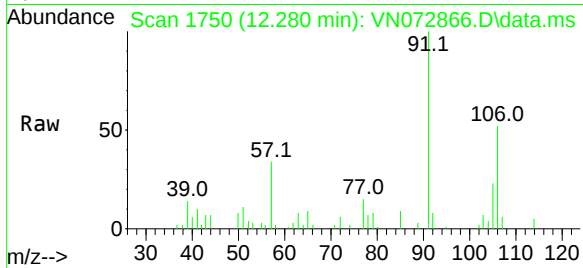




#69
o-Xylene
Concen: 1.607 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072866.D
Acq: 15 Jun 2022 05:57

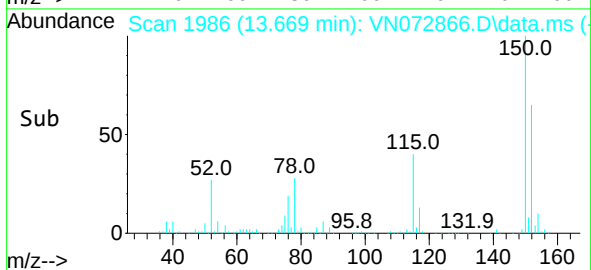
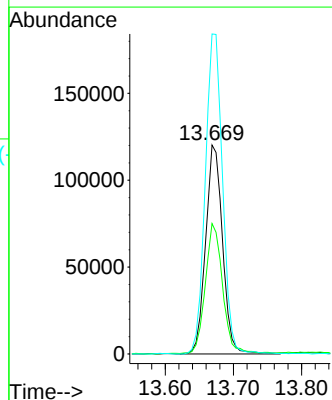
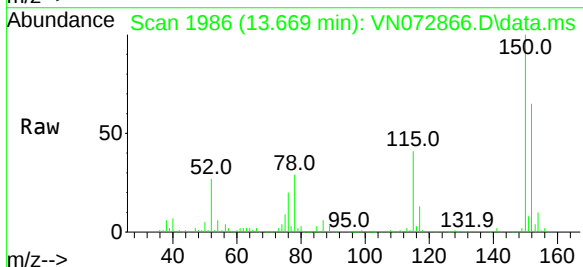
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-8-GR

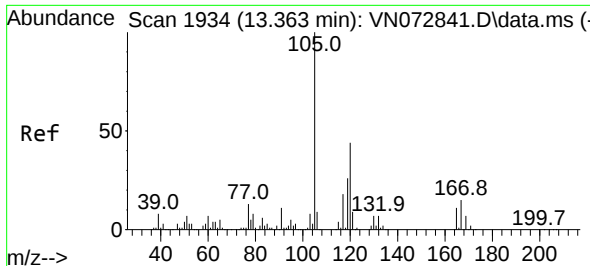
Tgt Ion:106 Resp: 10514
Ion Ratio Lower Upper
106 100
91 208.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.005 min
Lab File: VN072866.D
Acq: 15 Jun 2022 05:57

Tgt Ion:152 Resp: 208384
Ion Ratio Lower Upper
152 100
115 64.1 28.9 86.7
150 155.8 0.0 356.2

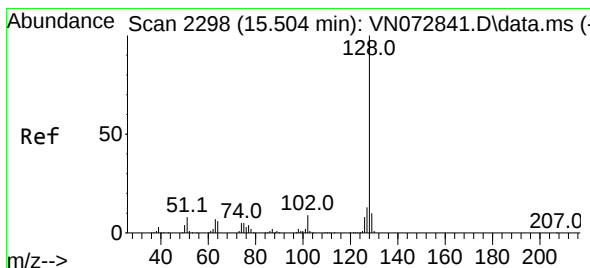
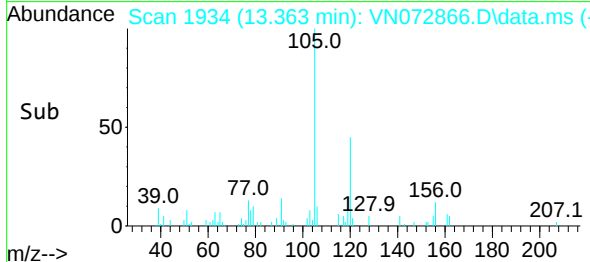
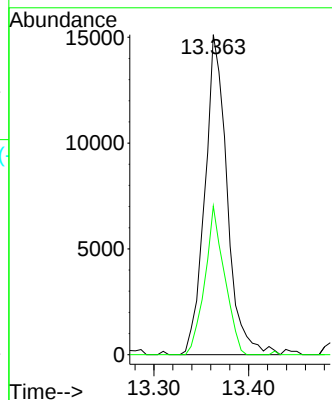
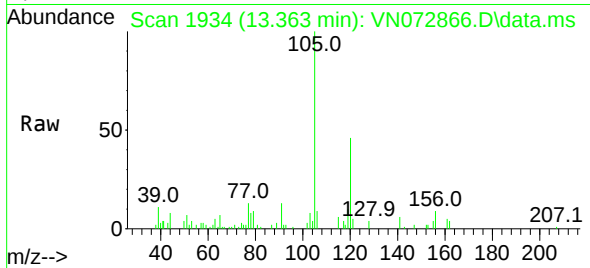




#84
1,2,4-Trimethylbenzene
Concen: 1.673 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072866.D
Acq: 15 Jun 2022 05:57

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-8-GR

Tgt Ion:105 Resp: 24639
Ion Ratio Lower Upper
105 100
120 41.0 23.3 69.8



#95
Naphthalene
Concen: 1.094 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN072866.D
Acq: 15 Jun 2022 05:57

Tgt Ion:128 Resp: 14340
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 11.5 8.6 13.0

