

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
 Data File : VN072773.D
 Acq On : 10 Jun 2022 18:36
 Operator : JC\MD
 Sample : N3293-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40806

Quant Time: Jun 11 01:56:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

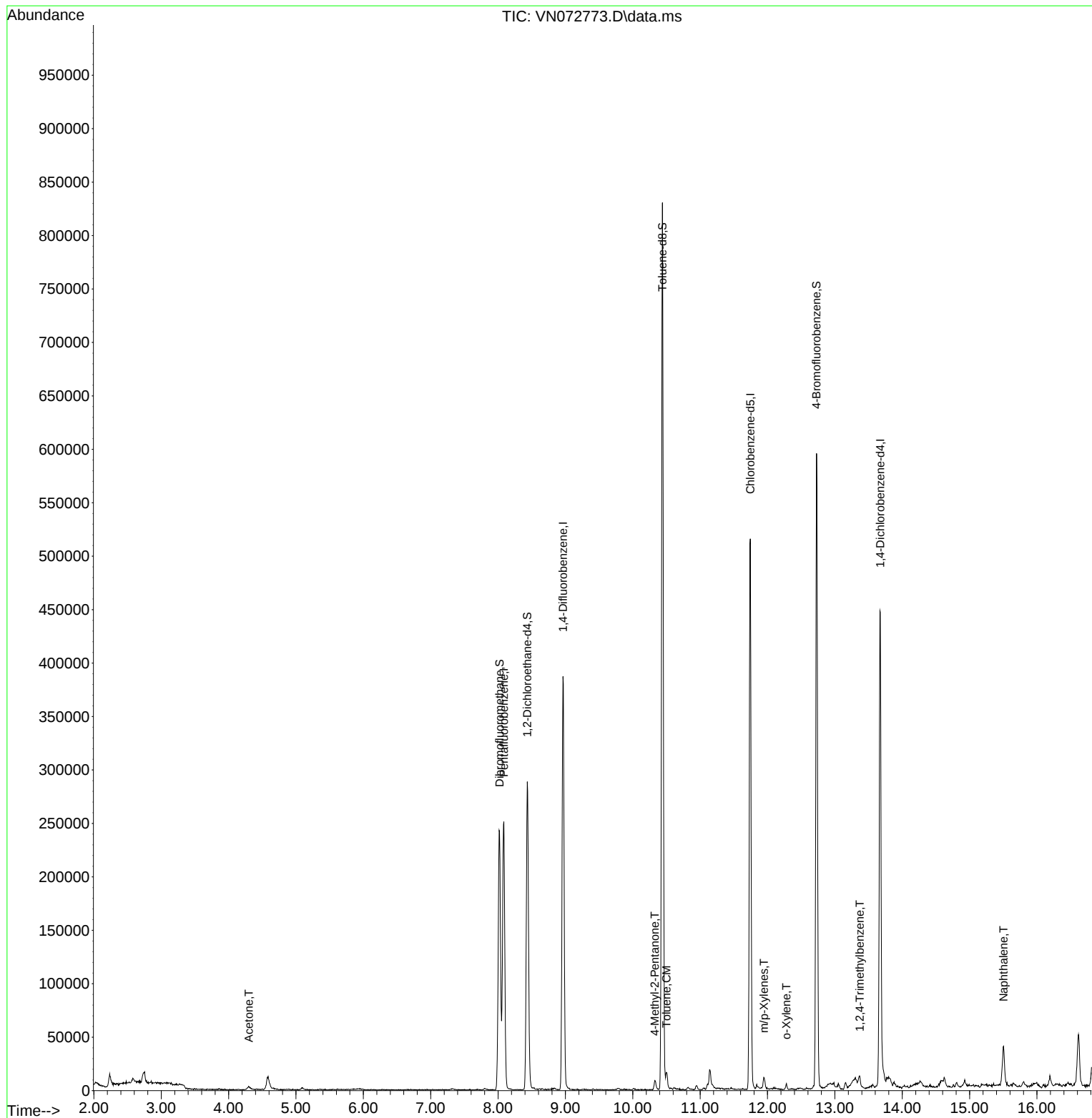
Internal Standards						
1) Pentafluorobenzene	8.086	168	167168	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	316412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	269492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	107575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	241908	53.917	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.840%		
35) Dibromofluoromethane	8.022	113	175747	56.134	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 112.260%		
50) Toluene-d8	10.439	98	537877	43.060	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 86.120%		
62) 4-Bromofluorobenzene	12.727	95	203114	47.386	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 94.780%		
Target Compounds						
						Qvalue
16) Acetone	4.298	43	6191	2.880	ug/l	# 82
51) 4-Methyl-2-Pentanone	10.327	43	6760	0.987	ug/l	87
52) Toluene	10.498	92	5381	0.654	ug/l	88
68) m/p-Xylenes	11.945	106	3155	0.657	ug/l	93
69) o-Xylene	12.280	106	1208	0.250	ug/l	70
84) 1,2,4-Trimethylbenzene	13.368	105	5566	0.636	ug/l	97
95) Naphthalene	15.504	128	33781	4.779	ug/l	97

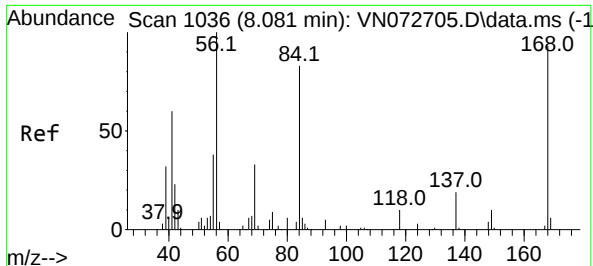
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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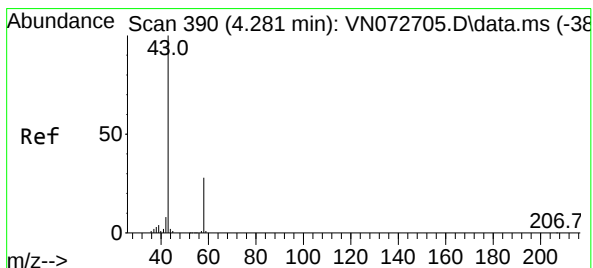
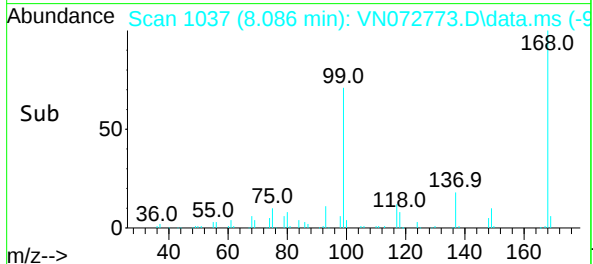
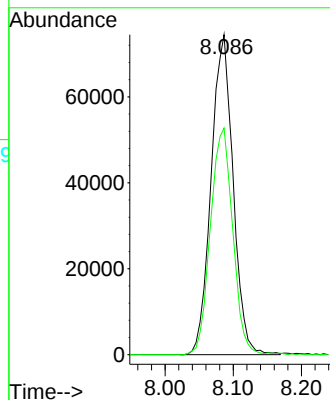
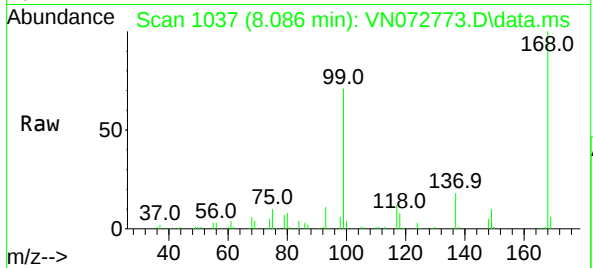




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072773.D
Acq: 10 Jun 2022 18:36

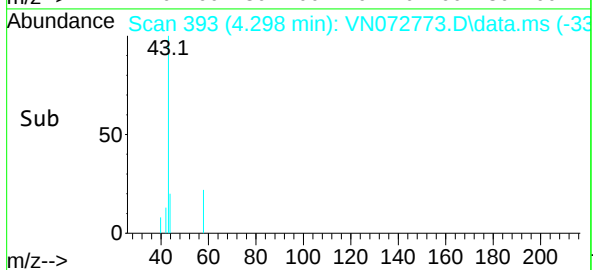
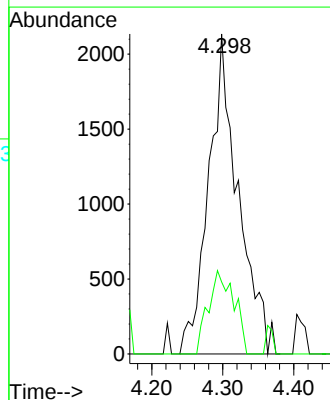
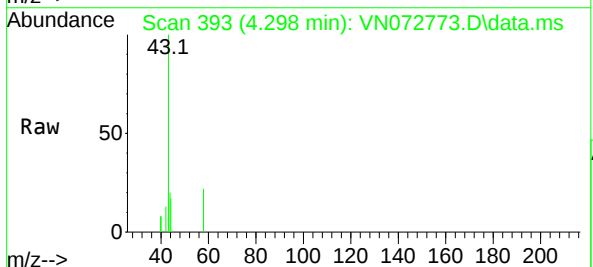
Instrument :
MSVOA_N
ClientSampleId :
40806

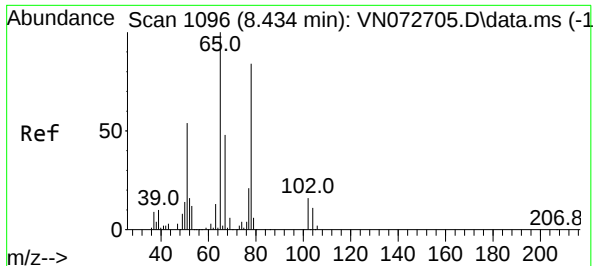
Tgt Ion:168 Resp: 167168
Ion Ratio Lower Upper
168 100
99 70.9 42.3 63.5#



#16
Acetone
Concen: 2.880 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072773.D
Acq: 10 Jun 2022 18:36

Tgt Ion: 43 Resp: 6191
Ion Ratio Lower Upper
43 100
58 22.5 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 53.917 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072773.D

Acq: 10 Jun 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

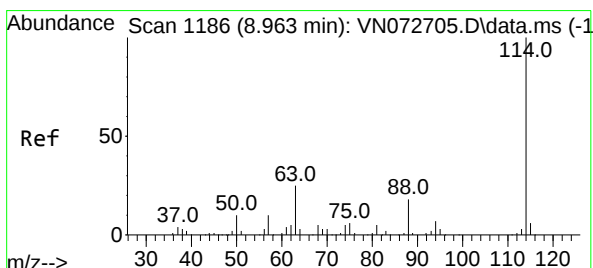
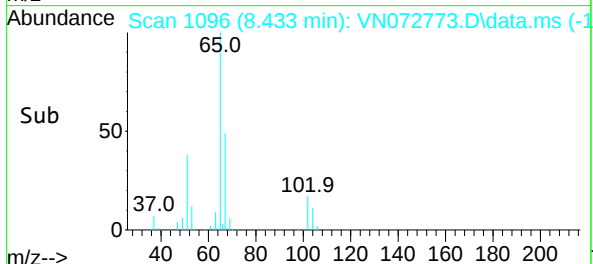
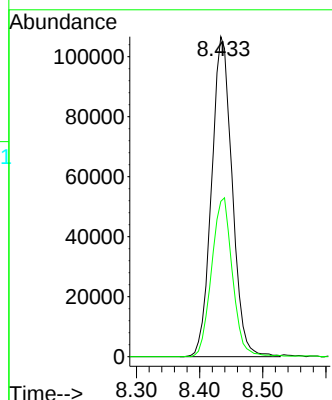
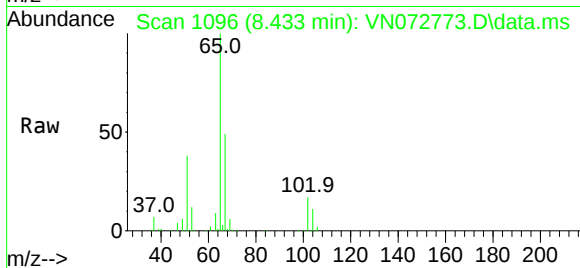
40806

Tgt Ion: 65 Resp: 241908

Ion Ratio Lower Upper

65 100

67 50.2 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: VN072773.D

Acq: 10 Jun 2022 18:36

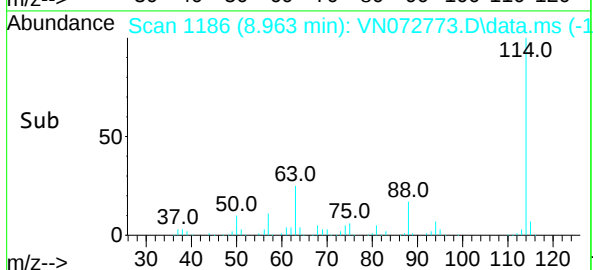
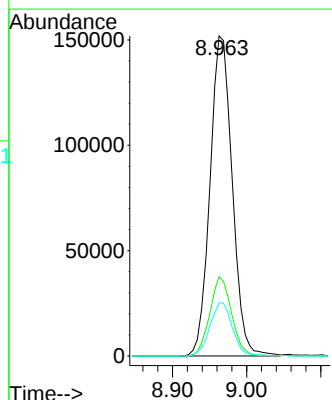
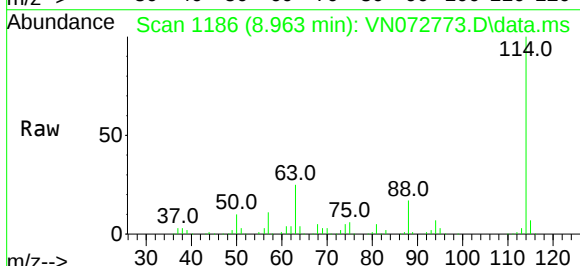
Tgt Ion: 114 Resp: 316412

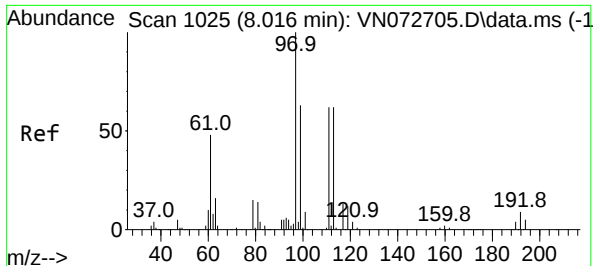
Ion Ratio Lower Upper

114 100

63 24.7 0.0 40.0

88 16.7 0.0 32.6

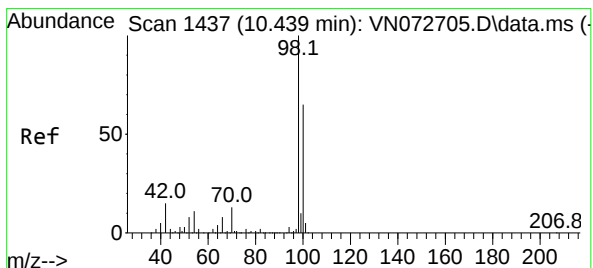
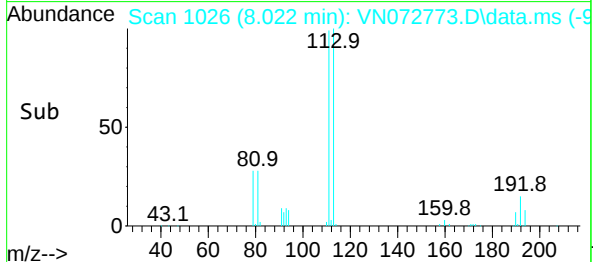
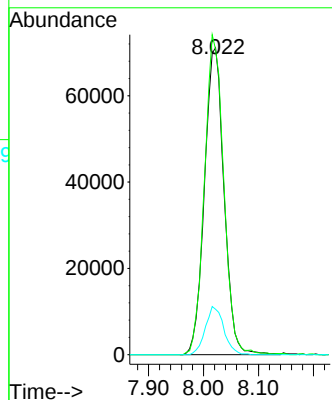
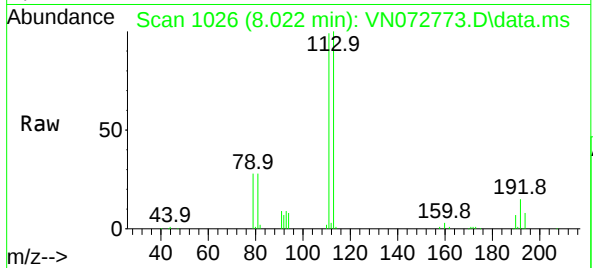




#35
Dibromofluoromethane
Concen: 56.134 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072773.D
Acq: 10 Jun 2022 18:36

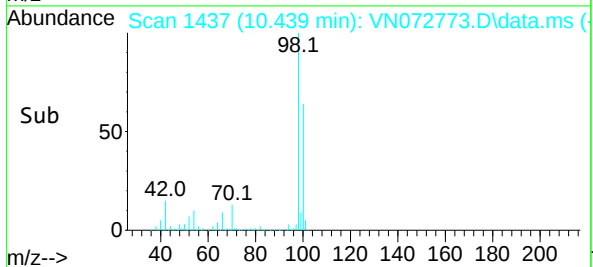
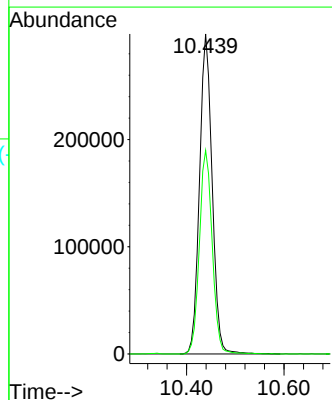
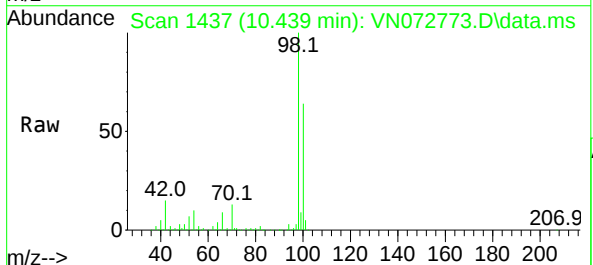
Instrument :
MSVOA_N
ClientSampleId :
40806

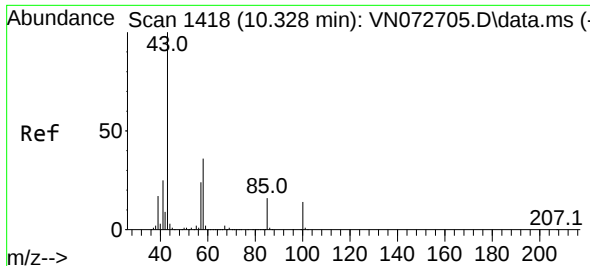
Tgt Ion:113 Resp: 175747
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 14.9 17.0 25.6#



#50
Toluene-d8
Concen: 43.060 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072773.D
Acq: 10 Jun 2022 18:36

Tgt Ion: 98 Resp: 537877
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

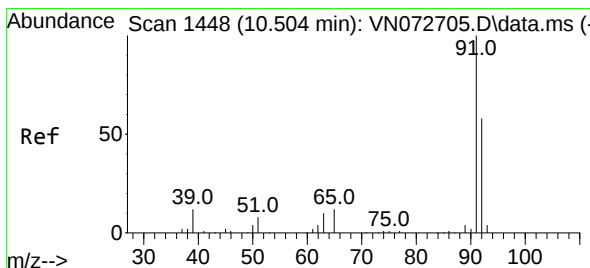
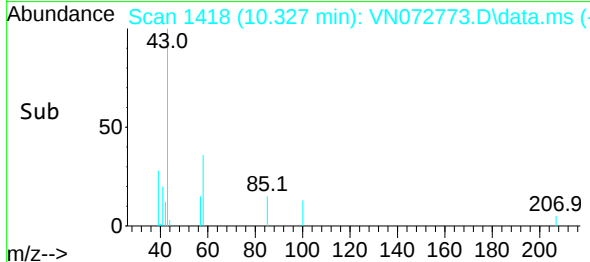
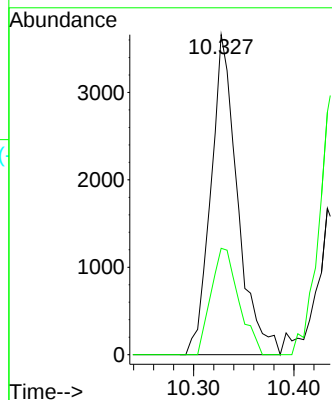
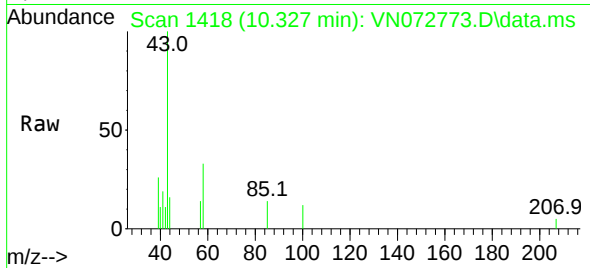




#51
4-Methyl-2-Pentanone
Concen: 0.987 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072773.D
Acq: 10 Jun 2022 18:36

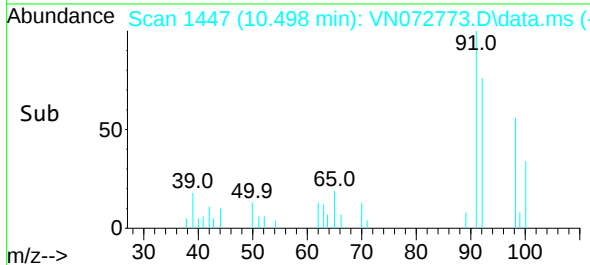
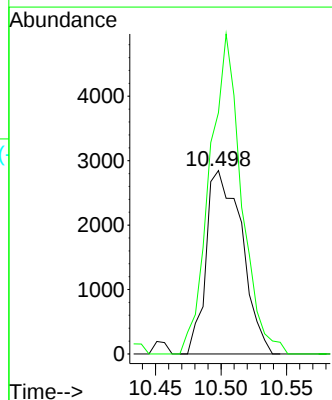
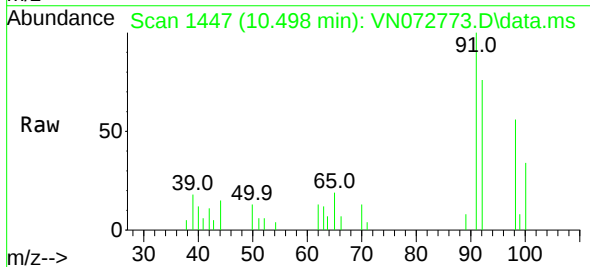
Instrument :
MSVOA_N
ClientSampleId :
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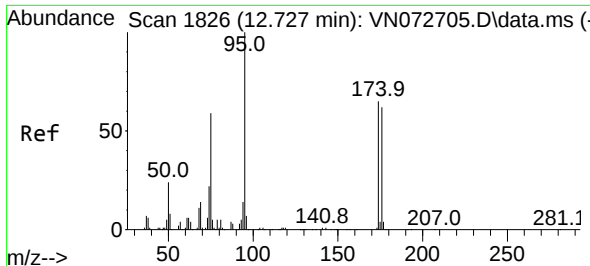
Tgt Ion: 43 Resp: 6760
Ion Ratio Lower Upper
43 100
58 34.6 34.1 51.1



#52
Toluene
Concen: 0.654 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072773.D
Acq: 10 Jun 2022 18:36

Tgt Ion: 92 Resp: 5381
Ion Ratio Lower Upper
92 100
91 156.0 138.6 207.8

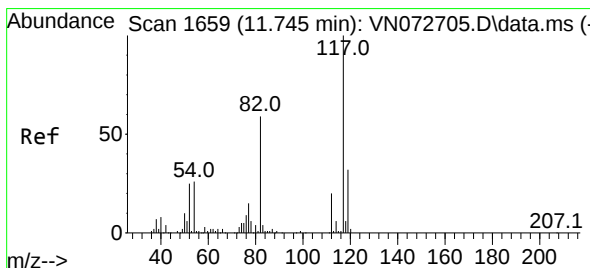
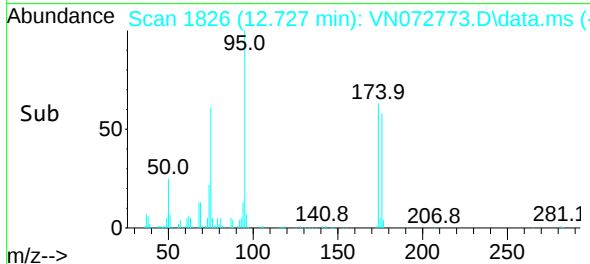
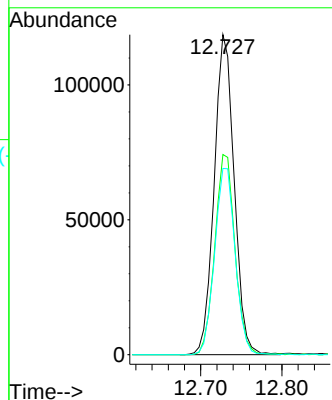
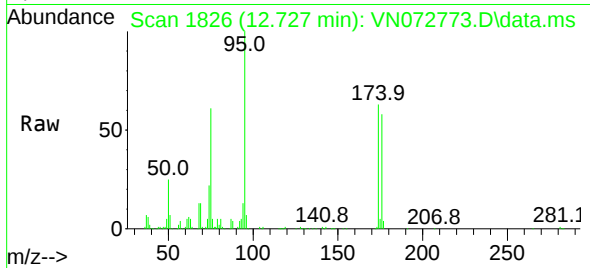




#62
4-Bromofluorobenzene
Concen: 47.386 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072773.D
Acq: 10 Jun 2022 18:36

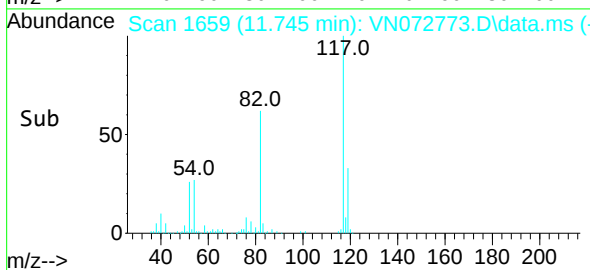
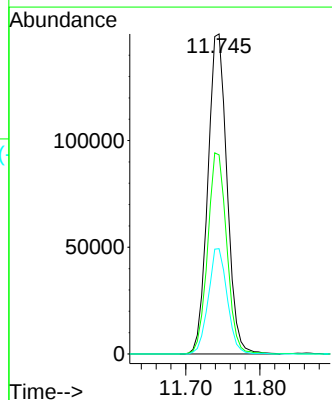
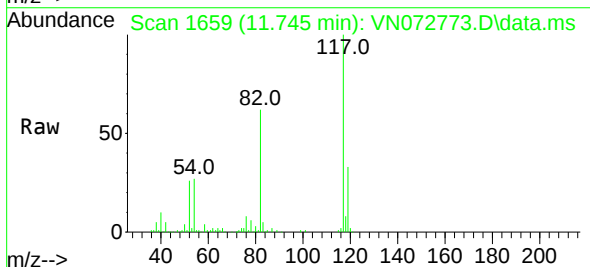
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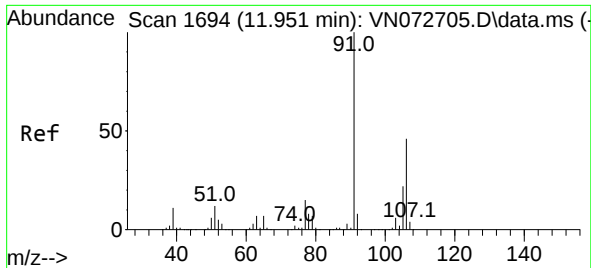
Tgt Ion: 95 Resp: 203114
Ion Ratio Lower Upper
95 100
174 63.2 0.0 167.6
176 59.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN072773.D
Acq: 10 Jun 2022 18:36

Tgt Ion: 117 Resp: 269492
Ion Ratio Lower Upper
117 100
82 62.2 44.2 66.2
119 32.9 25.4 38.0

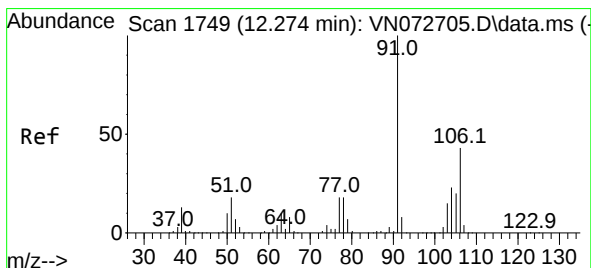
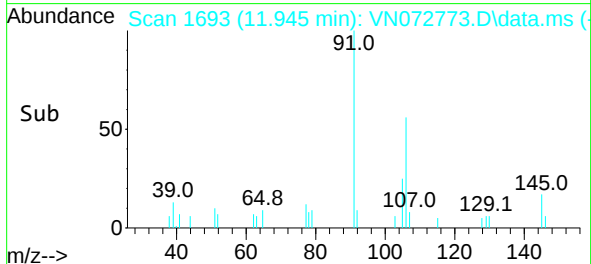
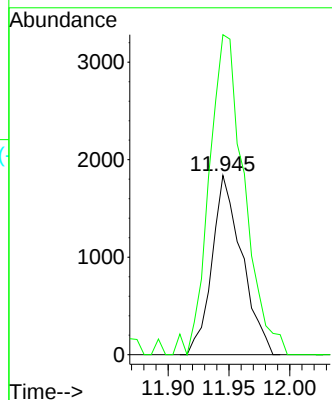
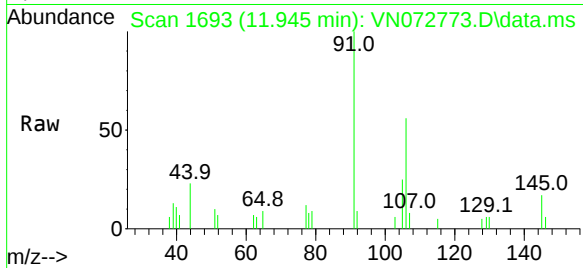




#68
m/p-Xylenes
Concen: 0.657 ug/l
RT: 11.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072773.D
Acq: 10 Jun 2022 18:36

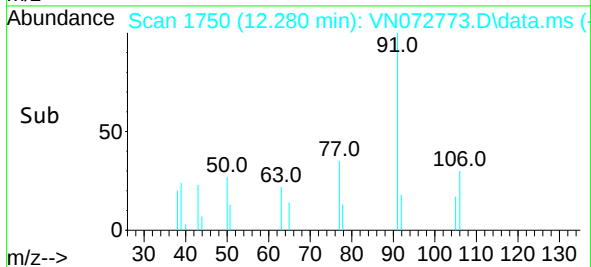
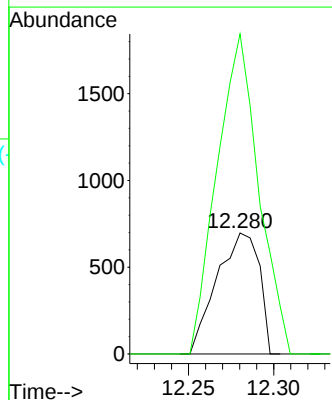
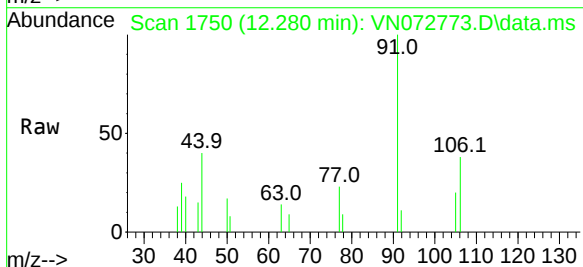
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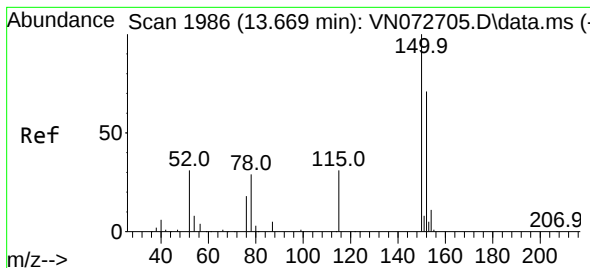
Tgt Ion:106 Resp: 3155
Ion Ratio Lower Upper
106 100
91 209.0 158.9 238.3



#69
o-Xylene
Concen: 0.250 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN072773.D
Acq: 10 Jun 2022 18:36

Tgt Ion:106 Resp: 1208
Ion Ratio Lower Upper
106 100
91 259.0 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1986

Delta R.T. 0.005 min

Lab File: VN072773.D

Acq: 10 Jun 2022 18:36

Instrument :

MSVOA_N

ClientSampleId :

40806

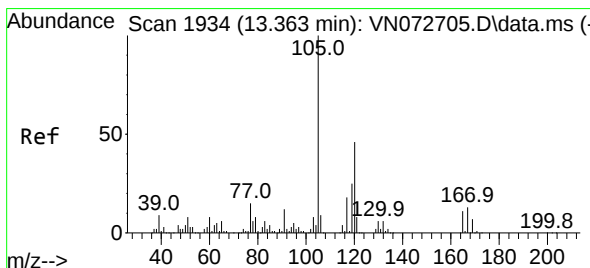
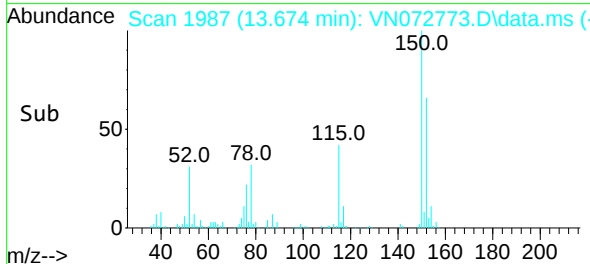
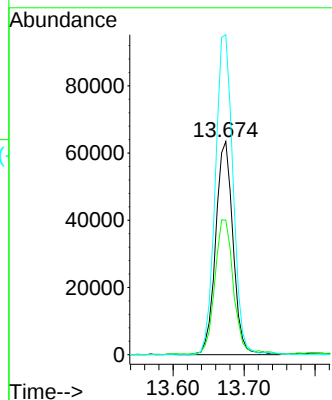
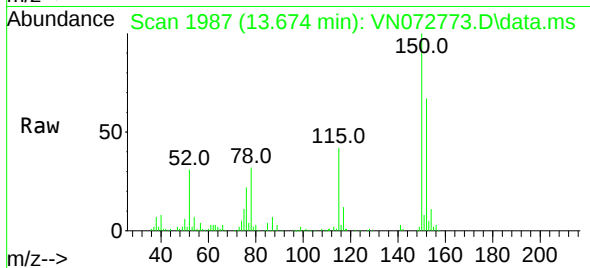
Tgt Ion:152 Resp: 107575

Ion Ratio Lower Upper

152 100

115 67.4 28.9 86.7

150 153.4 0.0 356.2



#84

1,2,4-Trimethylbenzene

Concen: 0.636 ug/l

RT: 13.368 min Scan# 1935

Delta R.T. 0.005 min

Lab File: VN072773.D

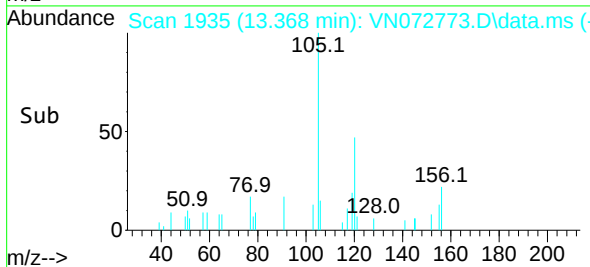
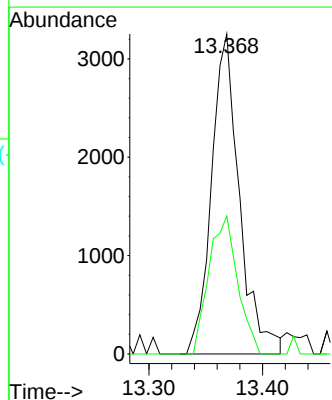
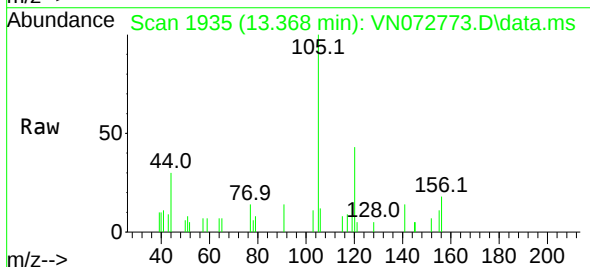
Acq: 10 Jun 2022 18:36

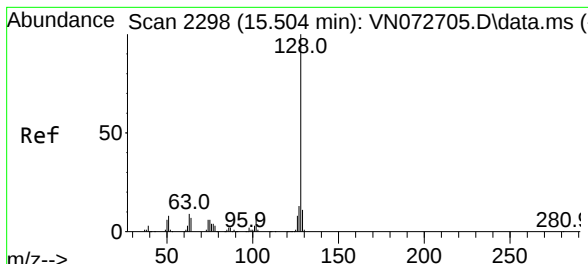
Tgt Ion:105 Resp: 5566

Ion Ratio Lower Upper

105 100

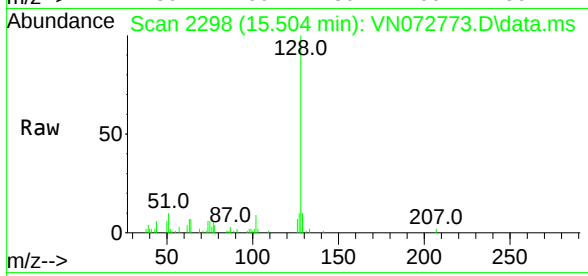
120 44.2 23.3 69.8





#95
 Naphthalene
 Concen: 4.779 ug/l
 RT: 15.504 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072773.D
 Acq: 10 Jun 2022 18:36

Instrument :
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Tgt Ion:128 Resp: 33781

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.3	15.5
129	11.1	8.6	13.0

