

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072607.D
 Acq On : 24 May 2022 23:44
 Operator : JC\MD
 Sample : N2968-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-44

Quant Time: May 25 09:24:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

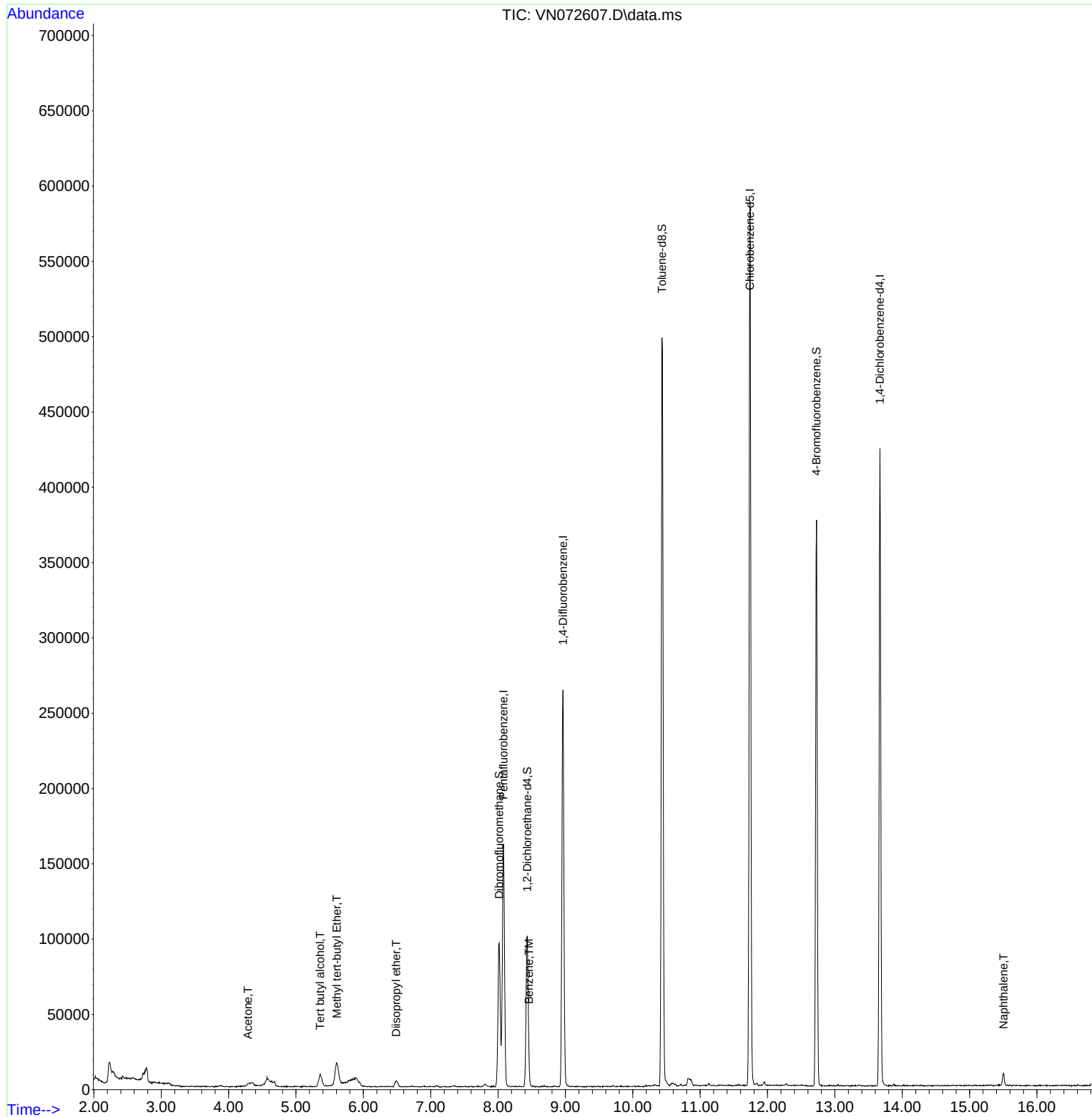
Internal Standards						
1) Pentafluorobenzene	8.081	168	129126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	234026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	351697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	116284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	81971	55.807	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.620%
35) Dibromofluoromethane	8.016	113	70511	46.487	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.980%
50) Toluene-d8	10.434	98	356474	61.550	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	123.100%
62) 4-Bromofluorobenzene	12.727	95	122690	65.134	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	130.260%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.357	59	15108	54.623	ug/l #	82
16) Acetone	4.287	43	2695	3.733	ug/l	100
19) Methyl tert-butyl Ether	5.604	73	22542	5.600	ug/l	100
22) Diisopropyl ether	6.487	45	5420	1.204	ug/l #	85
40) Benzene	8.457	78	1759	0.254	ug/l	98
95) Naphthalene	15.504	128	9278	1.282	ug/l	99

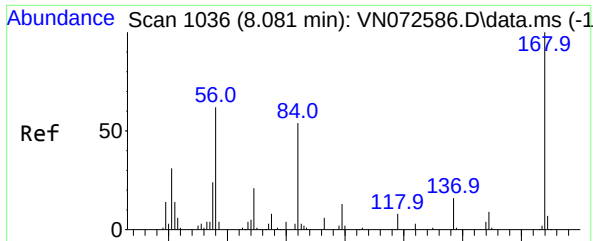
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072607.D
Acq On : 24 May 2022 23:44
Operator : JC\MD
Sample : N2968-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-44

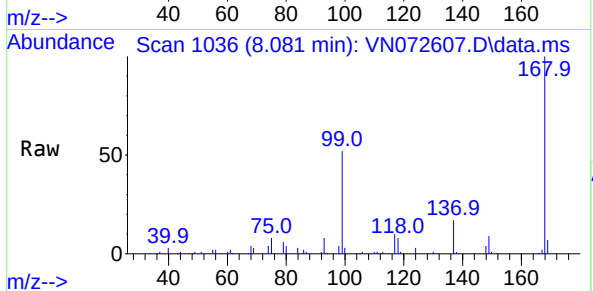
Quant Time: May 25 09:24:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260
QLast Update : Wed May 25 09:15:20 2022
Response via : Initial Calibration



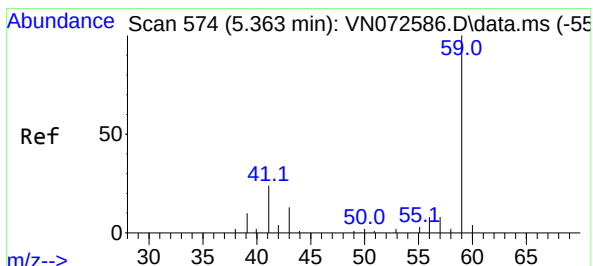
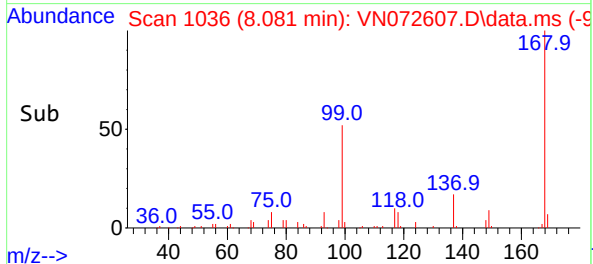
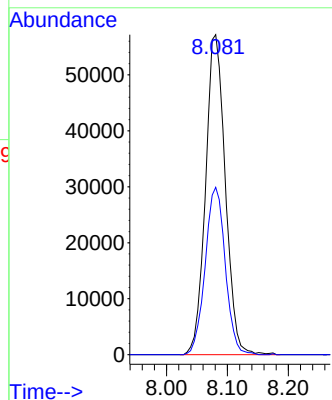


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072607.D
Acq: 24 May 2022 23:44

Instrument :
MSVOA_N
ClientSampleId :
MW-44

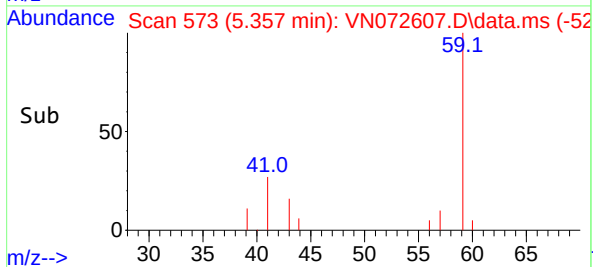
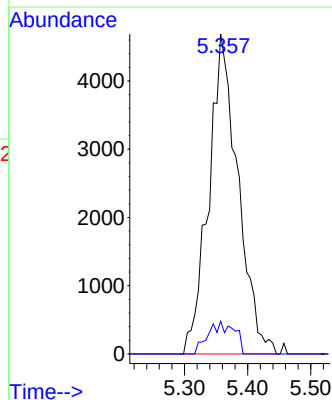
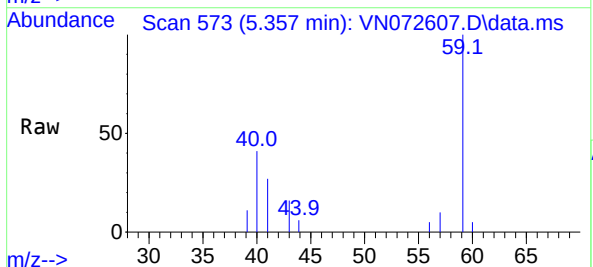


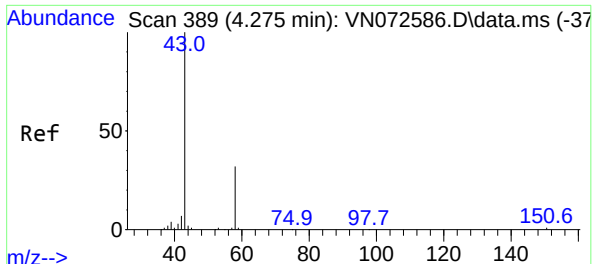
Tgt Ion:168 Resp: 129126
Ion Ratio Lower Upper
168 100
99 52.3 42.3 63.5



#11
Tert butyl alcohol
Concen: 54.623 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.006 min
Lab File: VN072607.D
Acq: 24 May 2022 23:44

Tgt Ion: 59 Resp: 15108
Ion Ratio Lower Upper
59 100
57 3.8 8.3 12.5#

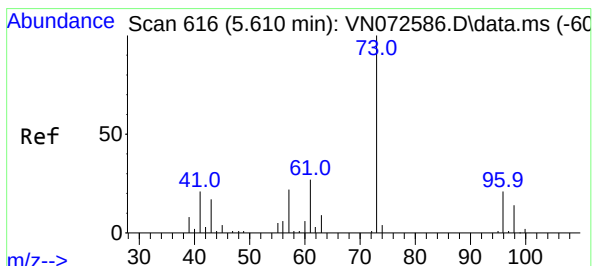
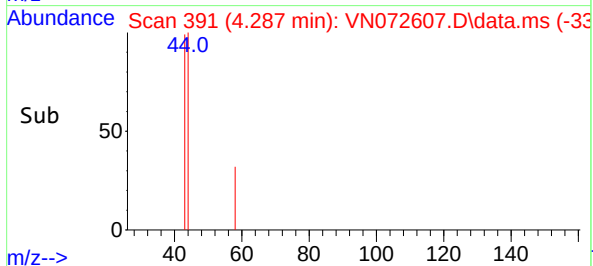
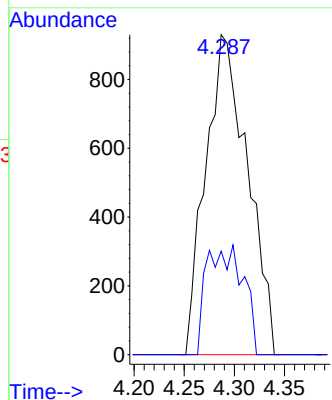
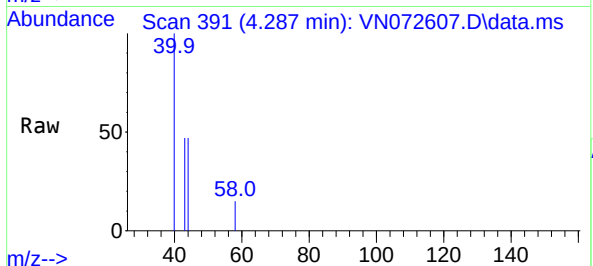




#16
Acetone
Concen: 3.733 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072607.D
Acq: 24 May 2022 23:44

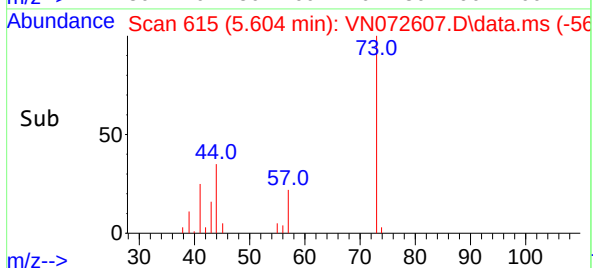
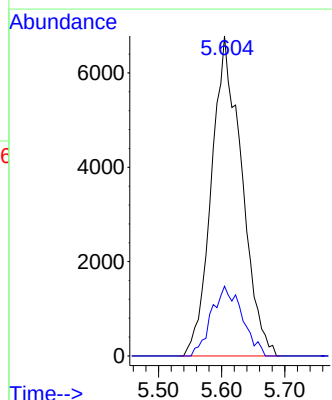
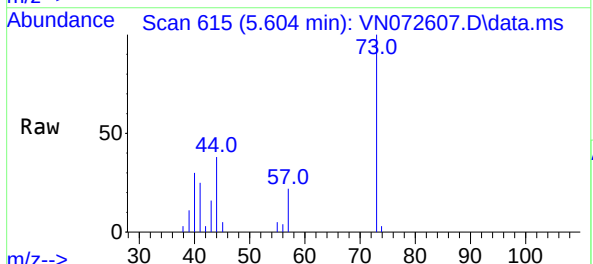
Instrument :
MSVOA_N
ClientSampleId :
MW-44

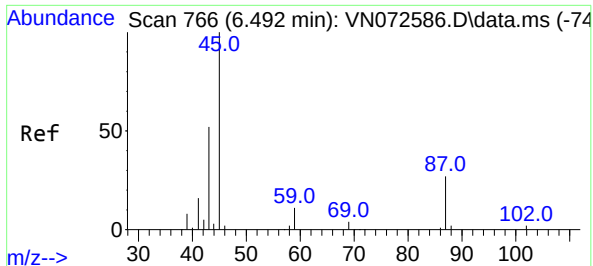
Tgt Ion: 43 Resp: 2695
Ion Ratio Lower Upper
43 100
58 32.4 26.0 39.0



#19
Methyl tert-butyl Ether
Concen: 5.600 ug/l
RT: 5.604 min Scan# 615
Delta R.T. -0.006 min
Lab File: VN072607.D
Acq: 24 May 2022 23:44

Tgt Ion: 73 Resp: 22542
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4





#22

Diisopropyl ether

Concen: 1.204 ug/l

RT: 6.487 min Scan# 7

Delta R.T. -0.005 min

Lab File: VN072607.D

Acq: 24 May 2022 23:44

Instrument :

MSVOA_N

ClientSampleId :

MW-44

Tgt Ion: 45 Resp: 5420

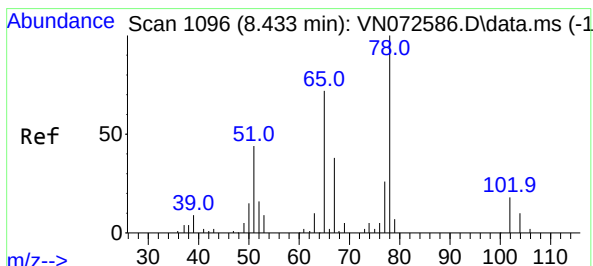
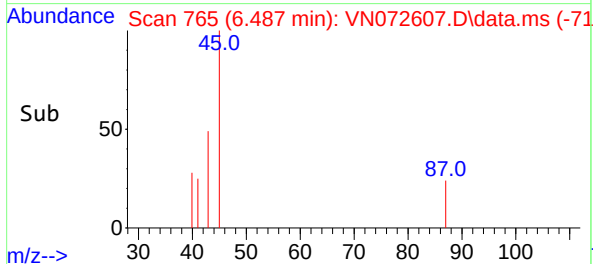
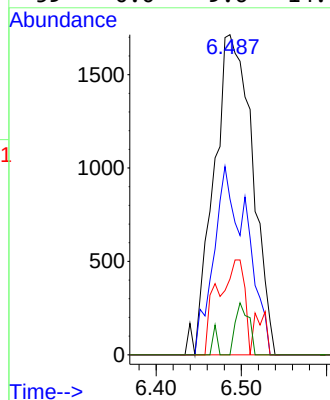
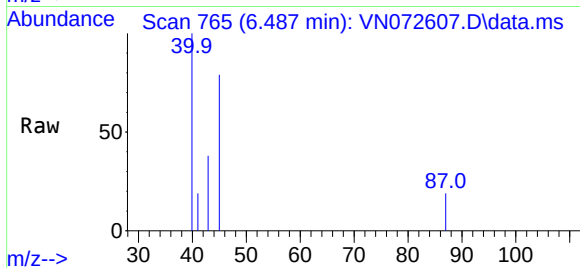
Ion Ratio Lower Upper

45 100

43 48.7 46.6 70.0

87 23.7 24.3 36.5#

59 0.0 9.6 14.4#



#33

1,2-Dichloroethane-d4

Concen: 55.807 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.001 min

Lab File: VN072607.D

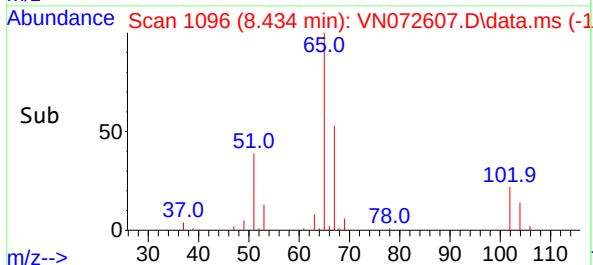
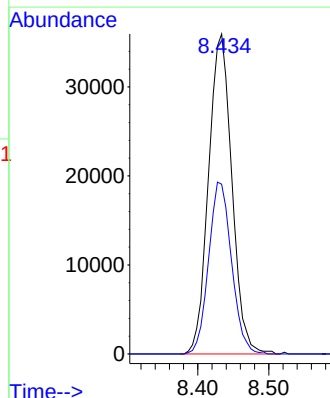
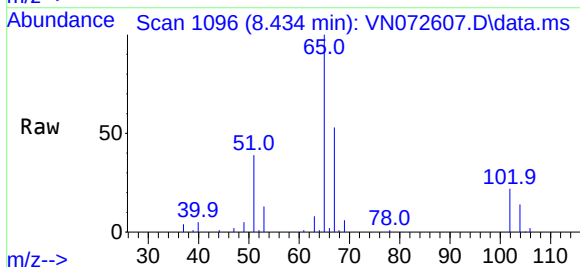
Acq: 24 May 2022 23:44

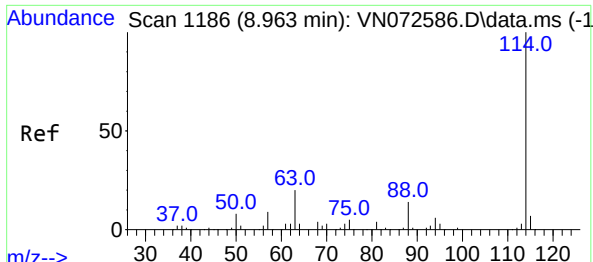
Tgt Ion: 65 Resp: 81971

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.8

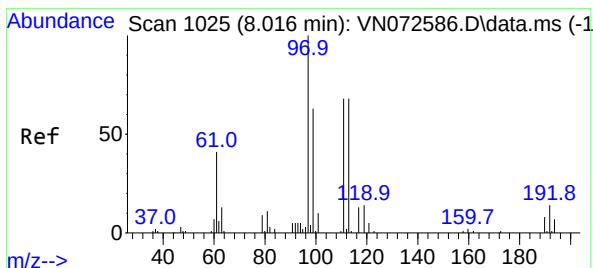
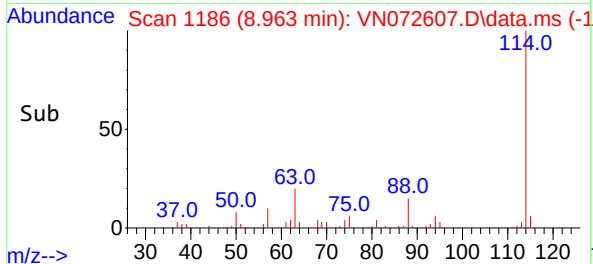
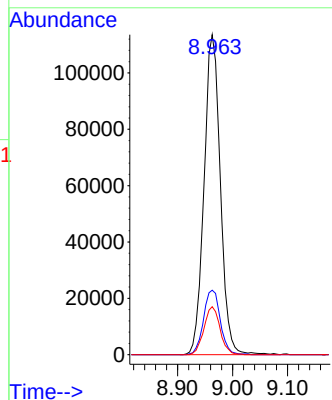
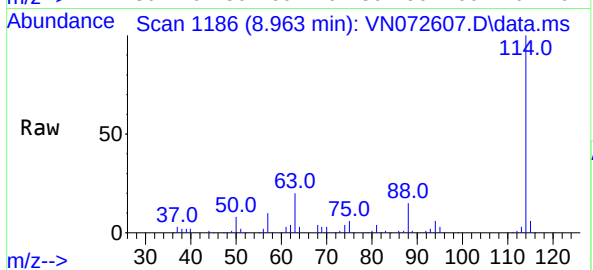




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072607.D
Acq: 24 May 2022 23:44

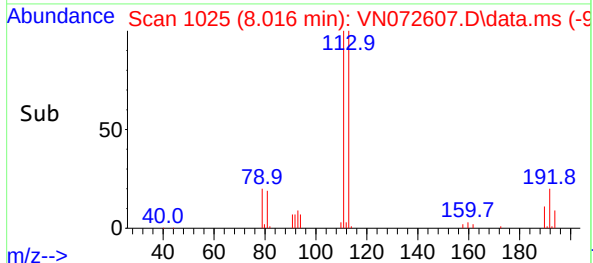
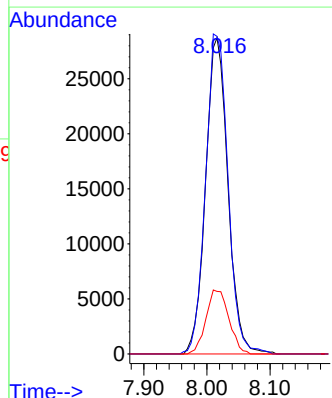
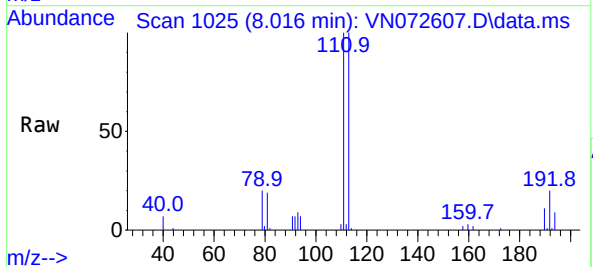
Instrument :
MSVOA_N
ClientSampleId :
MW-44

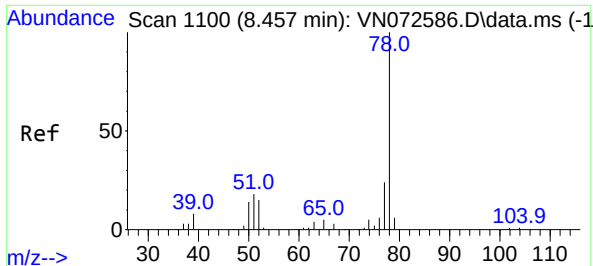
Tgt Ion:114 Resp: 234026
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.0
88 15.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.487 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN072607.D
Acq: 24 May 2022 23:44

Tgt Ion:113 Resp: 70511
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 20.7 17.0 25.6

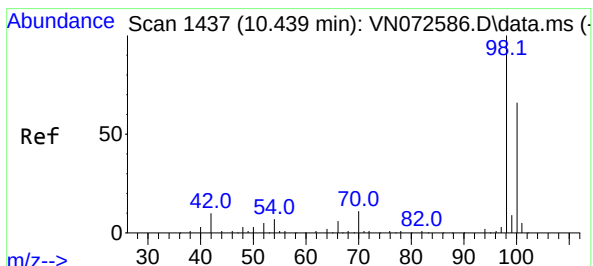
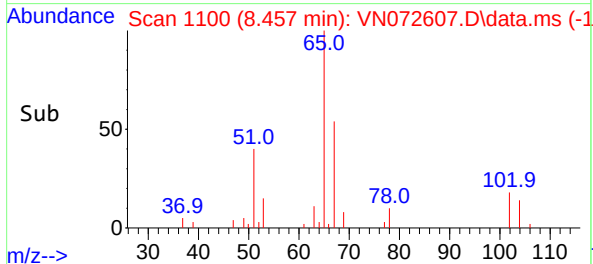
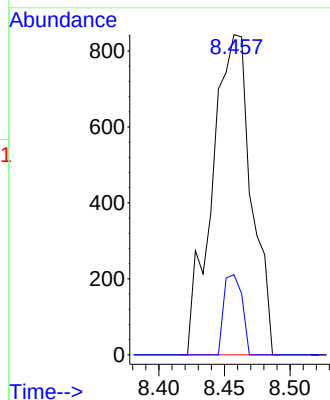
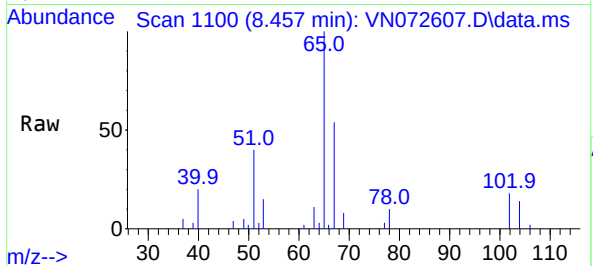




#40
Benzene
Concen: 0.254 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072607.D
Acq: 24 May 2022 23:44

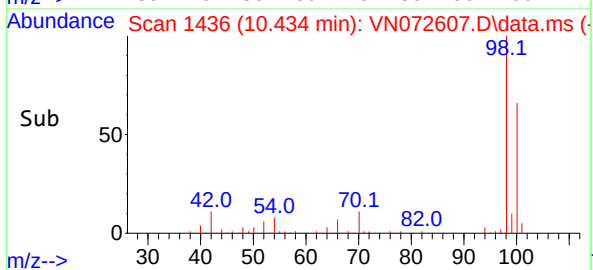
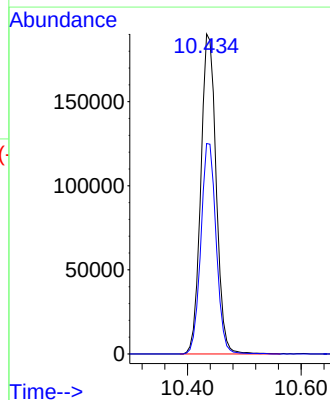
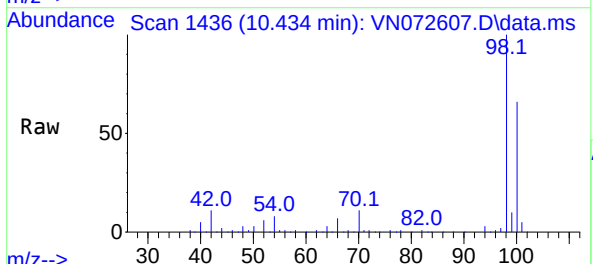
Instrument :
MSVOA_N
ClientSampleId :
MW-44

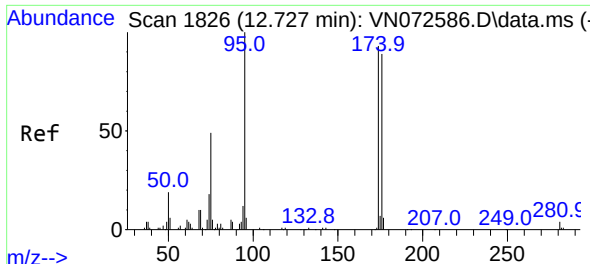
Tgt Ion: 78 Resp: 1759
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.0



#50
Toluene-d8
Concen: 61.550 ug/l
RT: 10.434 min Scan# 1436
Delta R.T. -0.005 min
Lab File: VN072607.D
Acq: 24 May 2022 23:44

Tgt Ion: 98 Resp: 356474
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

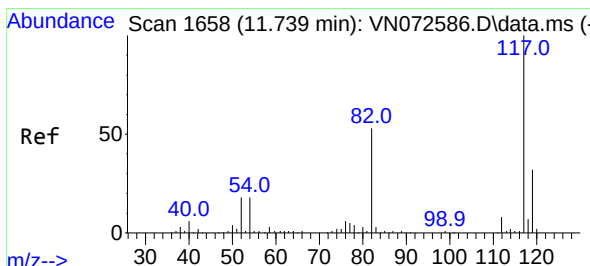
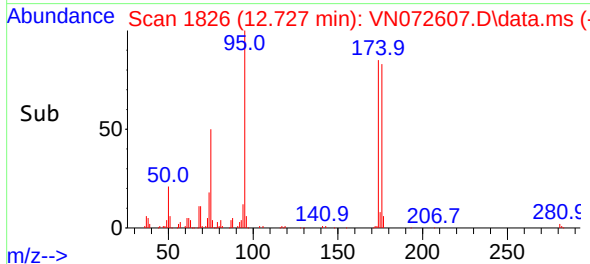
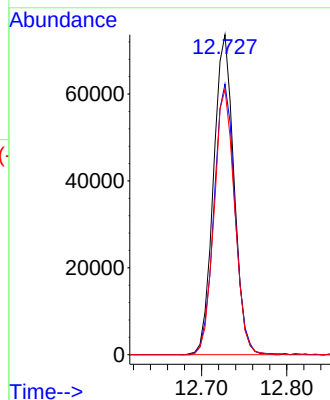
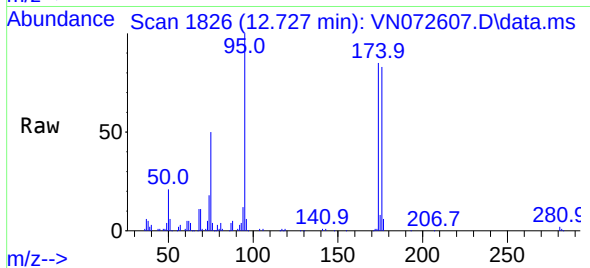




#62
4-Bromofluorobenzene
Concen: 65.134 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072607.D
Acq: 24 May 2022 23:44

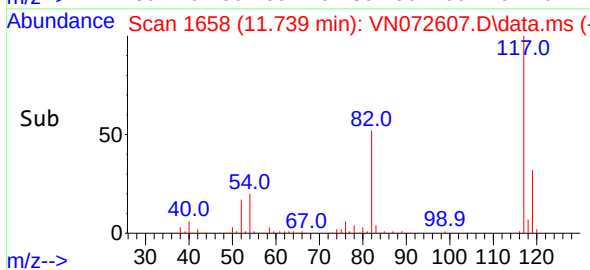
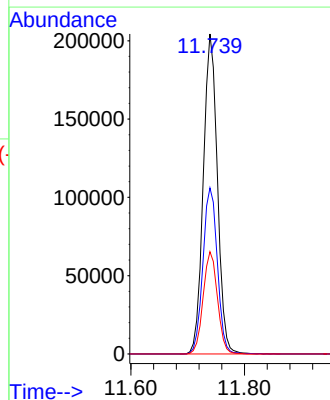
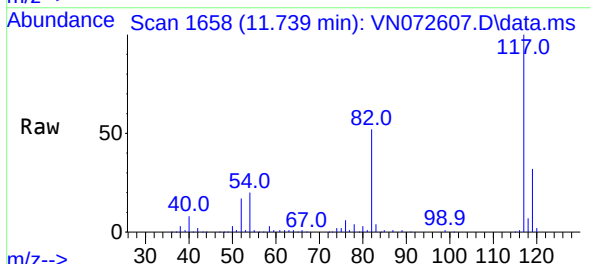
Instrument :
MSVOA_N
ClientSampleId :
MW-44

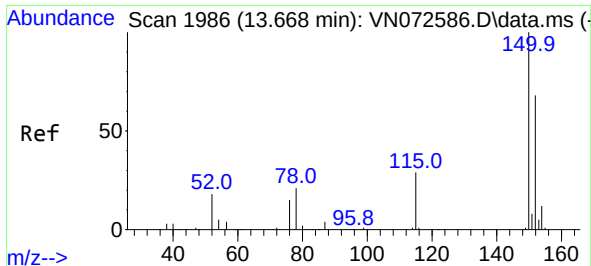
Tgt Ion: 95 Resp: 122690
Ion Ratio Lower Upper
95 100
174 86.3 0.0 167.6
176 83.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072607.D
Acq: 24 May 2022 23:44

Tgt Ion: 117 Resp: 351697
Ion Ratio Lower Upper
117 100
82 51.9 44.2 66.2
119 31.9 25.4 38.0

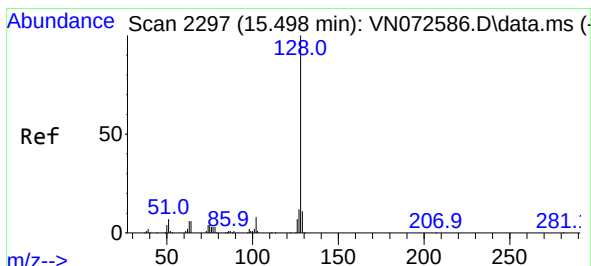
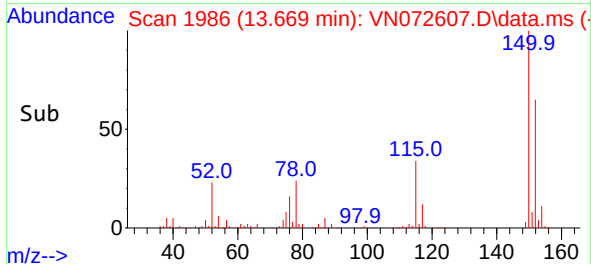
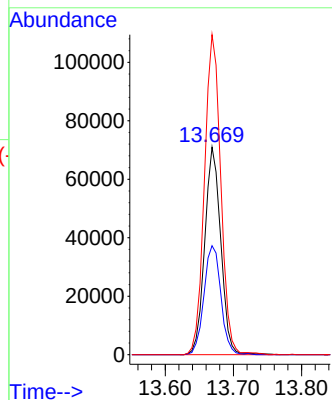
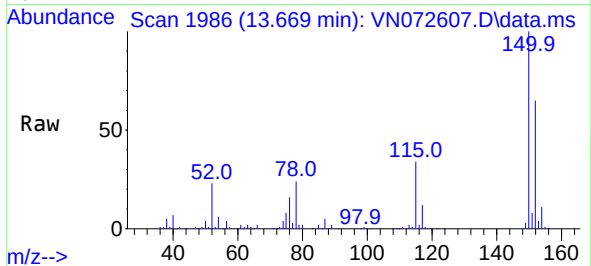




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN072607.D
Acq: 24 May 2022 23:44

Instrument :
MSVOA_N
ClientSampleId :
MW-44

Tgt Ion:152 Resp: 116284
Ion Ratio Lower Upper
152 100
115 55.4 28.9 86.7
150 156.9 0.0 356.2



#95
Naphthalene
Concen: 1.282 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072607.D
Acq: 24 May 2022 23:44

Tgt Ion:128 Resp: 9278
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.8 8.6 13.0

