

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071128.D
 Acq On : 01 Mar 2022 19:00
 Operator : JC\MD
 Sample : N1689-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-44

Quant Time: Mar 02 03:32:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

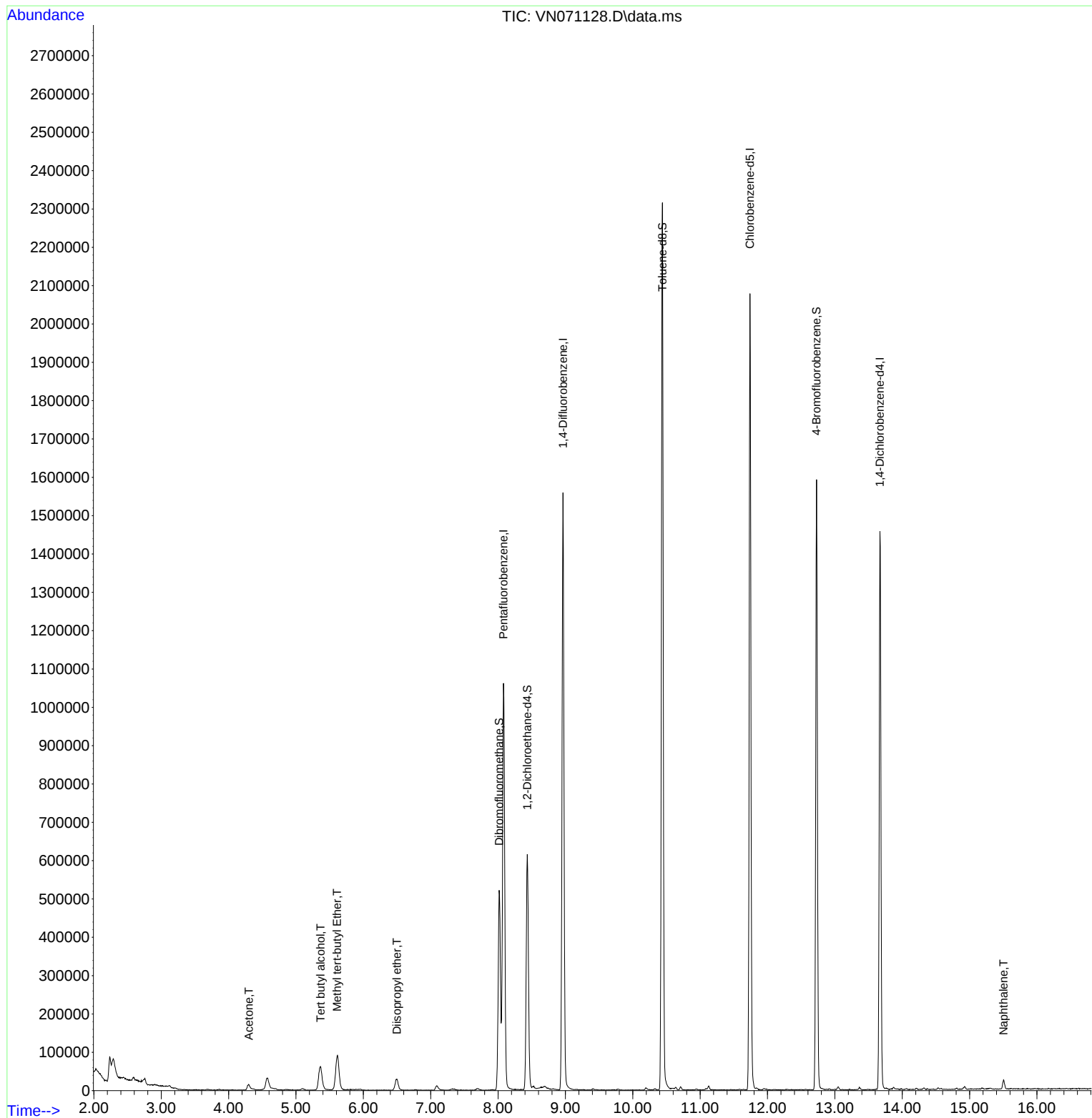
Internal Standards						
1) Pentafluorobenzene	8.081	168	826749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1326919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1202625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	410383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	513162	54.337	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.680%
35) Dibromofluoromethane	8.016	113	384522	48.720	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.440%
50) Toluene-d8	10.439	98	1632275	51.498	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.727	95	563491	49.737	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.363	59	118711	68.973	ug/l	100
16) Acetone	4.299	43	23044	4.431	ug/l	90
19) Methyl tert-butyl Ether	5.610	73	147602	5.199	ug/l	95
22) Diisopropyl ether	6.498	45	39256	1.326	ug/l #	84
95) Naphthalene	15.504	128	23677	6.151	ug/l	99

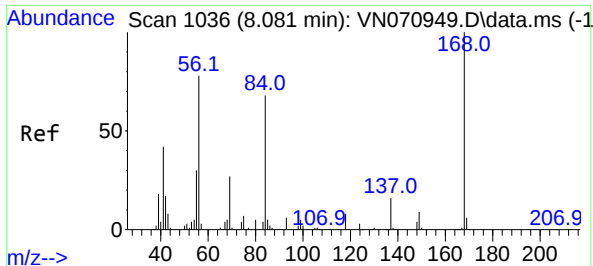
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071128.D

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Instrument :

MSVOA_N

ClientSampleId :

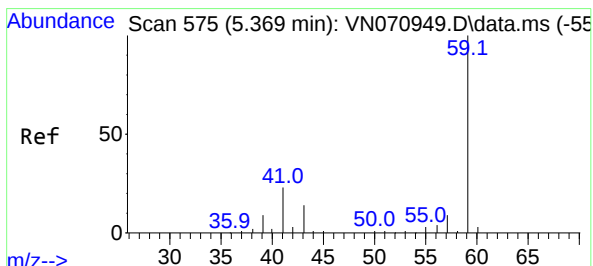
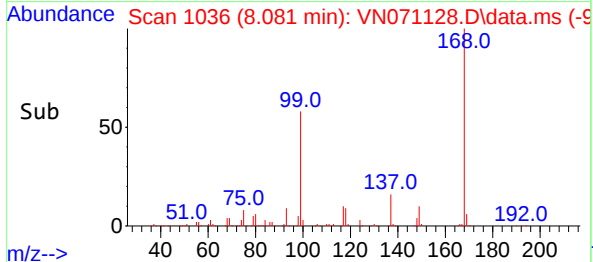
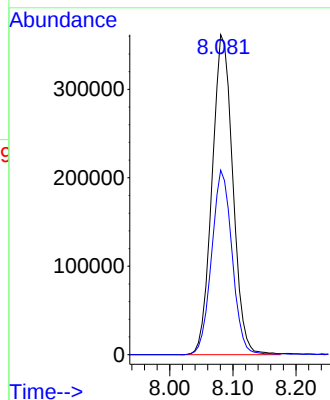
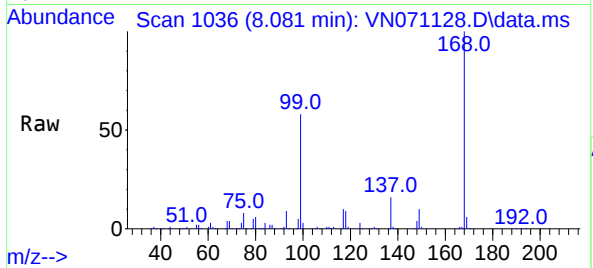
MW-44

Tgt Ion:168 Resp: 826749

Ion Ratio Lower Upper

168 100

99 57.7 41.3 61.9



#11

Tert butyl alcohol

Concen: 68.973 ug/l

RT: 5.363 min Scan# 574

Delta R.T. -0.006 min

Lab File: VN071128.D

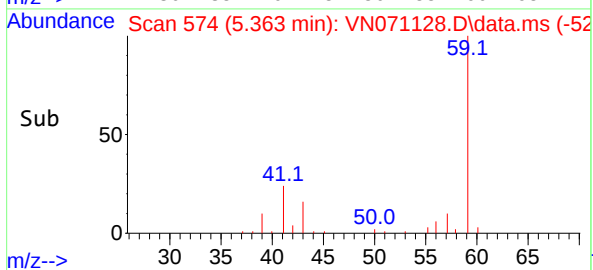
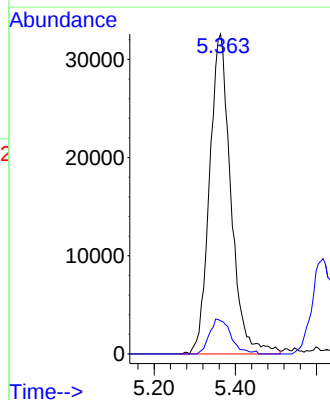
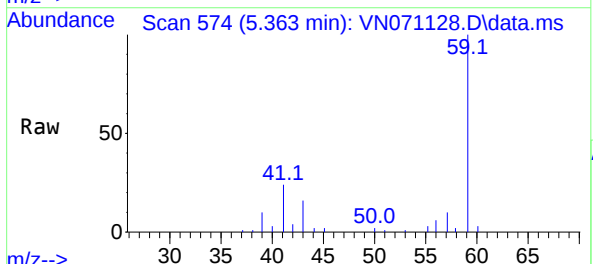
Acq: 01 Mar 2022 19:00

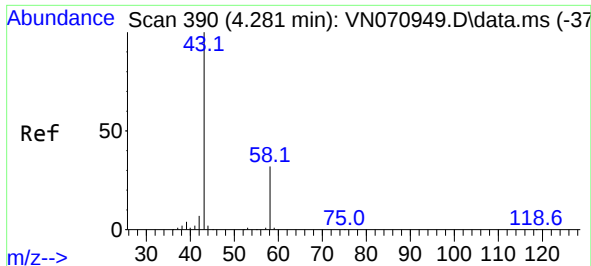
Tgt Ion: 59 Resp: 118711

Ion Ratio Lower Upper

59 100

57 11.0 8.7 13.1

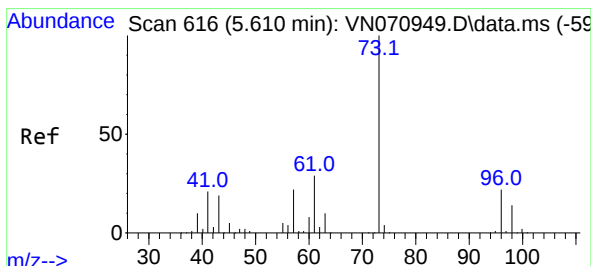
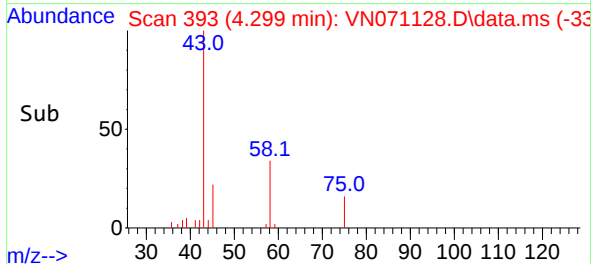
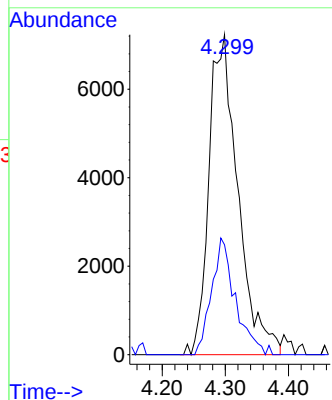
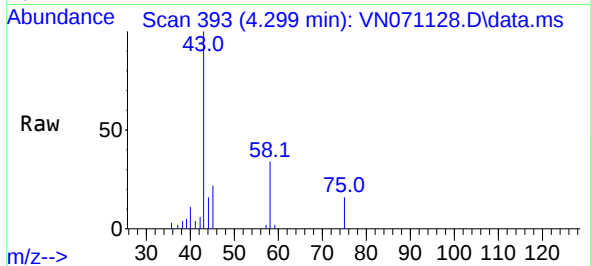




#16
Acetone
Concen: 4.431 ug/l
RT: 4.299 min Scan# 390
Delta R.T. 0.018 min
Lab File: VN071128.D
Acq: 01 Mar 2022 19:00

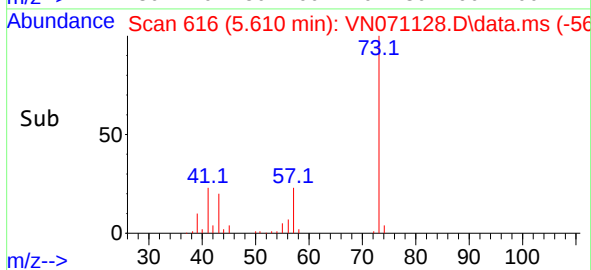
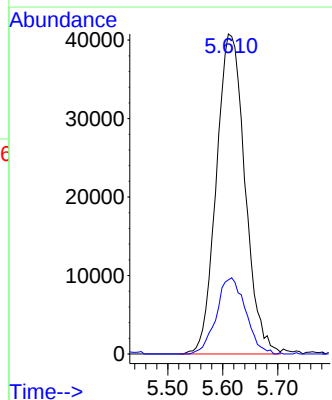
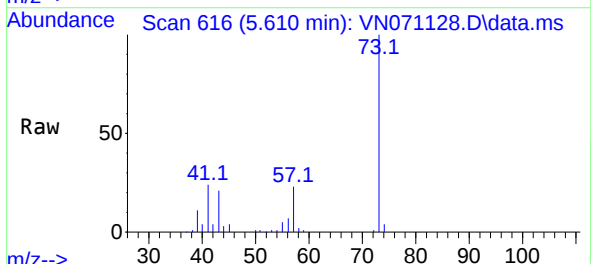
Instrument :
MSVOA_N
ClientSampleId :
MW-44

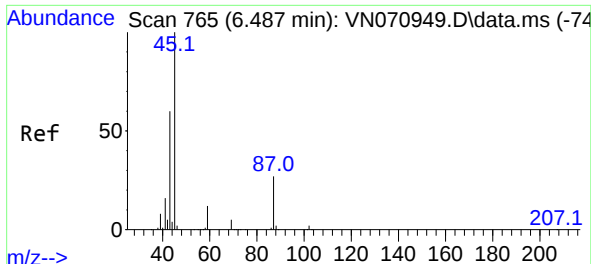
Tgt Ion: 43 Resp: 23044
Ion Ratio Lower Upper
43 100
58 34.4 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 5.199 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071128.D
Acq: 01 Mar 2022 19:00

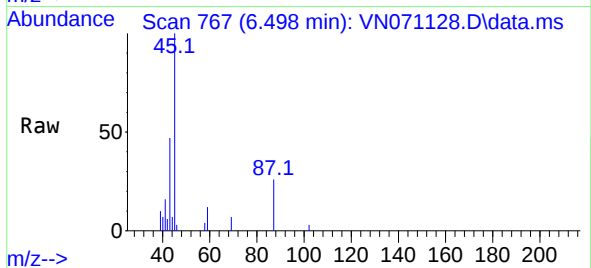
Tgt Ion: 73 Resp: 147602
Ion Ratio Lower Upper
73 100
57 23.1 16.8 25.2



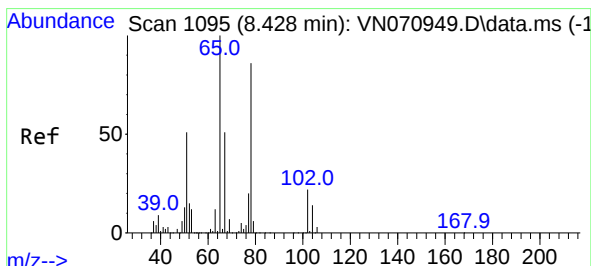
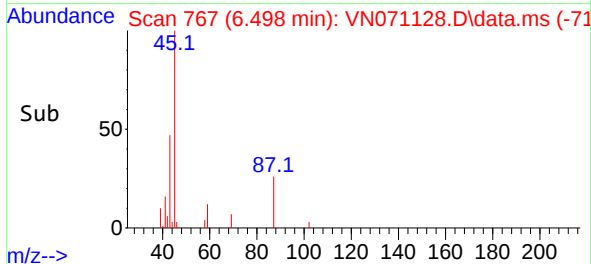
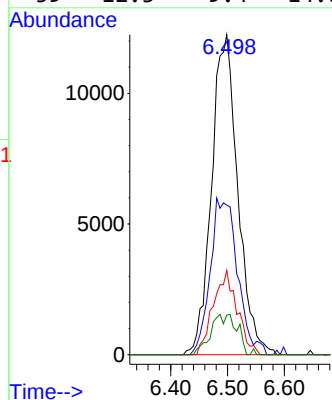


#22
Diisopropyl ether
Concen: 1.326 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.012 min
Lab File: VN071128.D
Acq: 01 Mar 2022 19:00

Instrument :
MSVOA_N
ClientSampleId :
MW-44

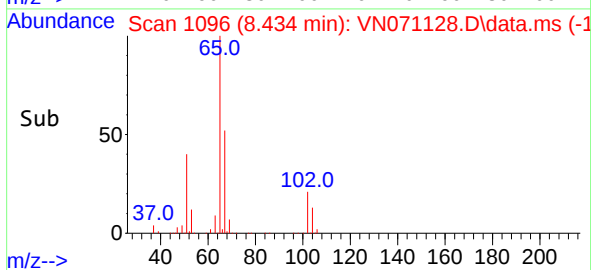
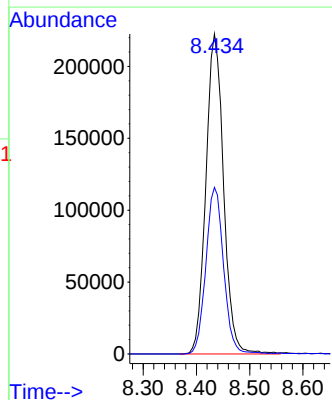
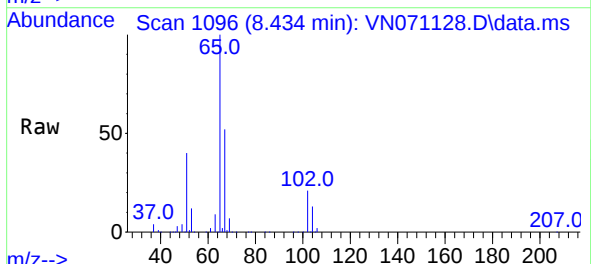


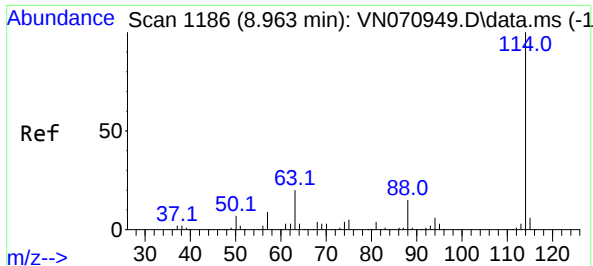
Tgt Ion: 45 Resp: 39256
Ion Ratio Lower Upper
45 100
43 46.8 51.7 77.5#
87 26.3 23.2 34.8
59 12.3 9.4 14.0



#33
1,2-Dichloroethane-d4
Concen: 54.337 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071128.D
Acq: 01 Mar 2022 19:00

Tgt Ion: 65 Resp: 513162
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0

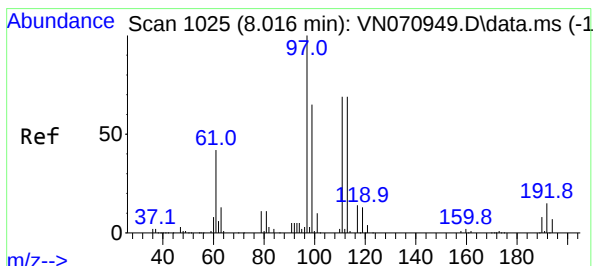
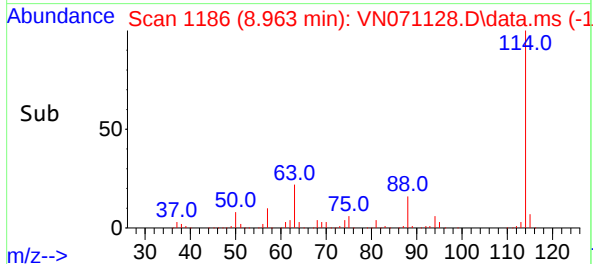
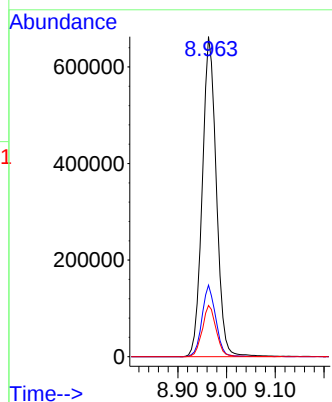
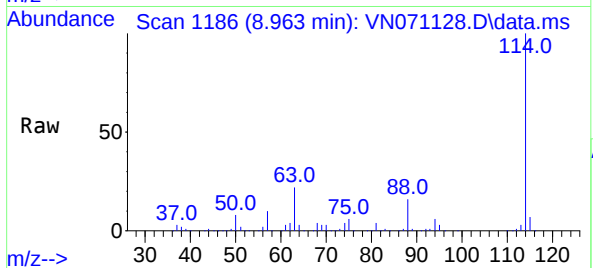




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071128.D
Acq: 01 Mar 2022 19:00

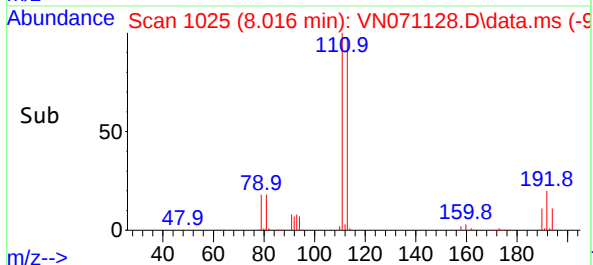
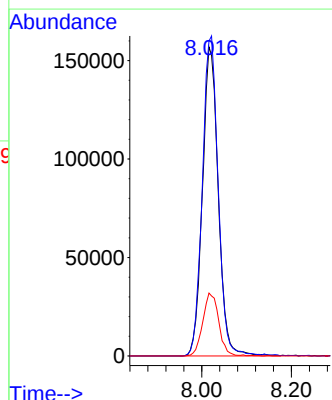
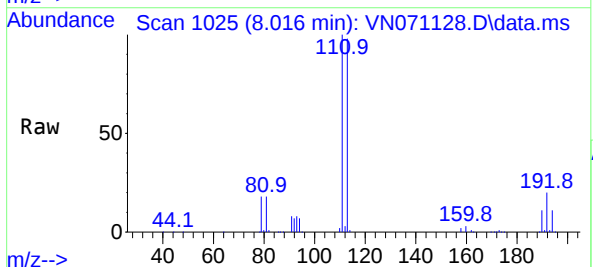
Instrument :
MSVOA_N
ClientSampleId :
MW-44

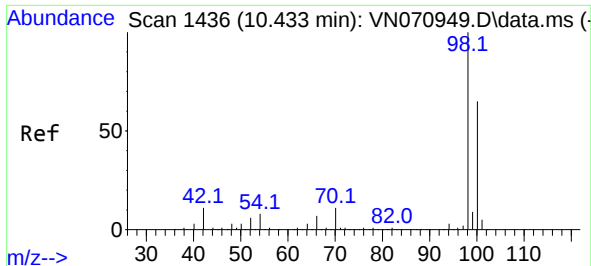
Tgt Ion:114 Resp: 1326919
Ion Ratio Lower Upper
114 100
63 22.3 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.720 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071128.D
Acq: 01 Mar 2022 19:00

Tgt Ion:113 Resp: 384522
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.4 16.9 25.3

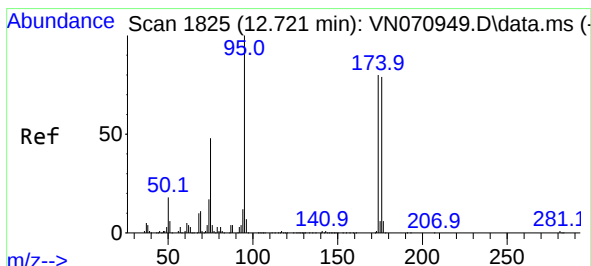
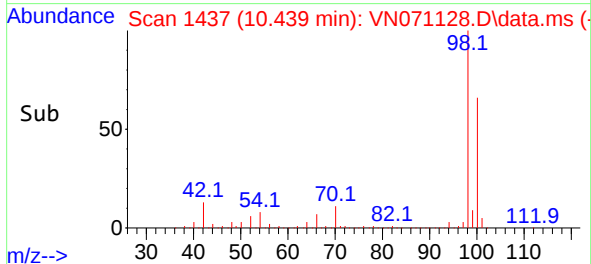
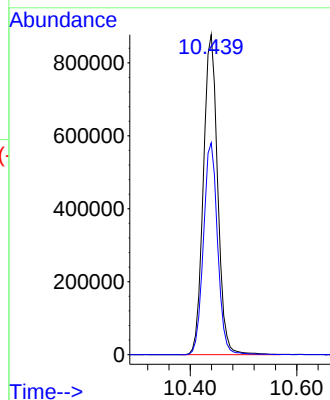
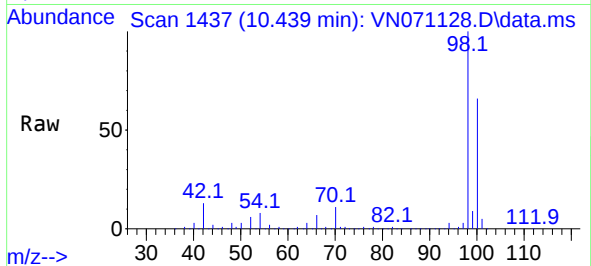




#50
Toluene-d8
Concen: 51.498 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071128.D
Acq: 01 Mar 2022 19:00

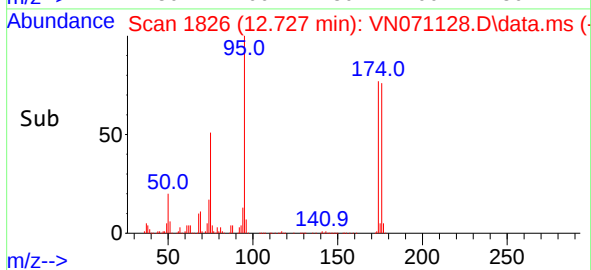
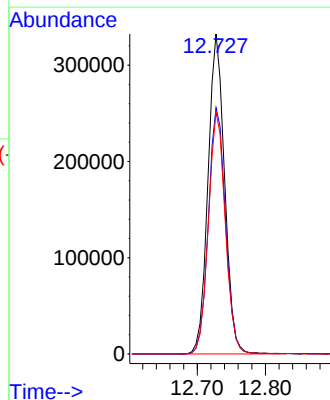
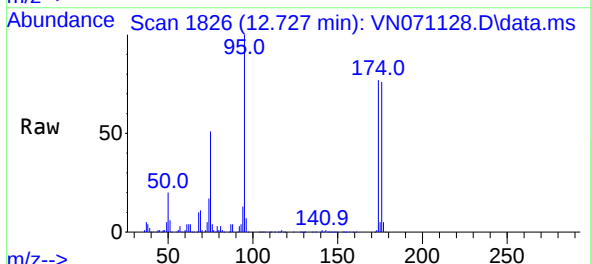
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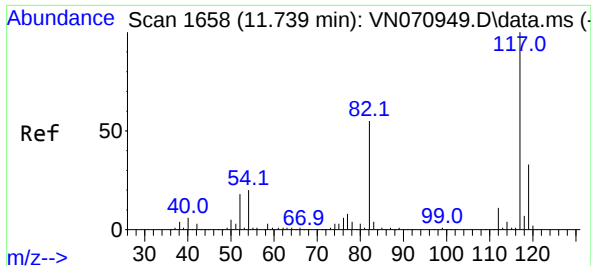
Tgt Ion: 98 Resp: 1632275
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 49.737 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071128.D
Acq: 01 Mar 2022 19:00

Tgt Ion: 95 Resp: 563491
Ion Ratio Lower Upper
95 100
174 79.4 0.0 187.2
176 76.8 0.0 181.4

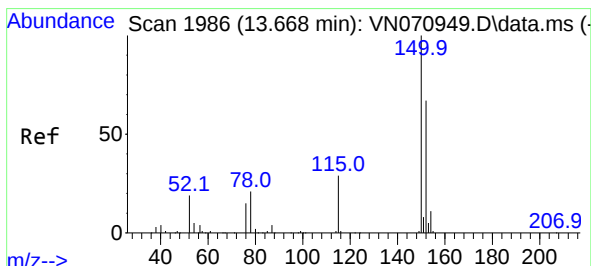
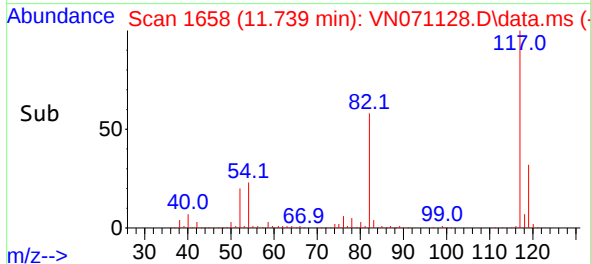
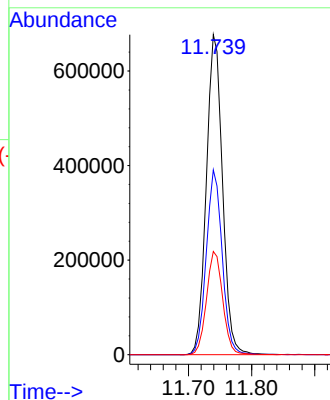
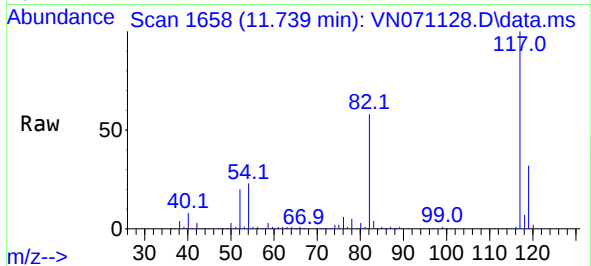




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071128.D
Acq: 01 Mar 2022 19:00

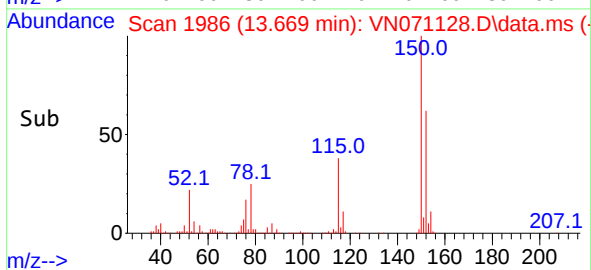
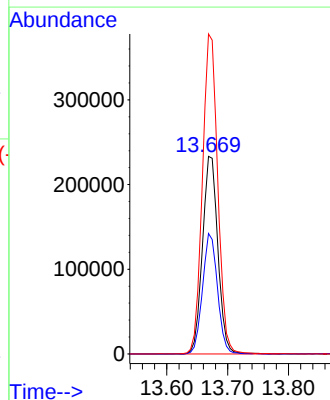
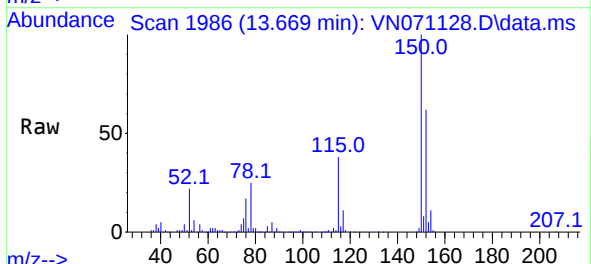
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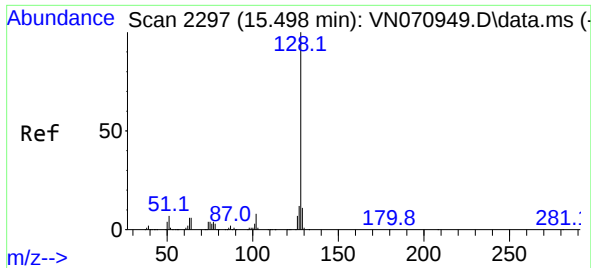
Tgt Ion:117 Resp: 1202625
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071128.D
Acq: 01 Mar 2022 19:00

Tgt Ion:152 Resp: 410383
Ion Ratio Lower Upper
152 100
115 59.2 27.5 82.5
150 161.3 0.0 344.4





#95

Naphthalene

Concen: 6.151 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071128.D

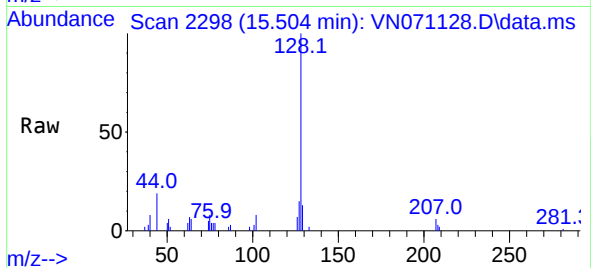
Acq: 01 Mar 2022 19:00

Instrument :

MSVOA_N

ClientSampleId :

MW-44



Tgt Ion:128 Resp: 23677

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 10.8 8.7 13.1

