

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041422\
 Data File : VN071999.D
 Acq On : 14 Apr 2022 15:55
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 15 01:38:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

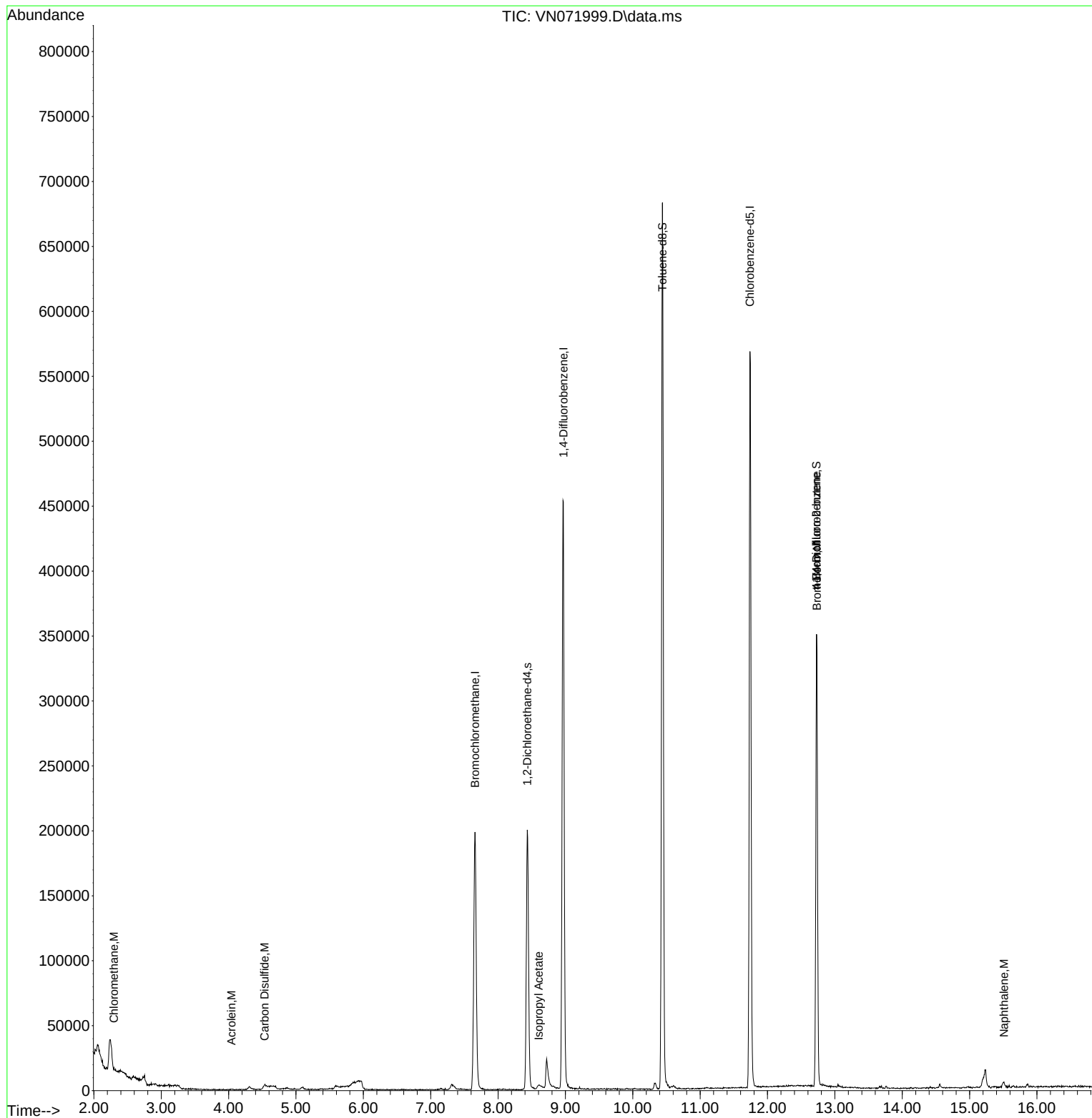
Internal Standards						
1) Bromochloromethane	7.657	128	80643	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	426707	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	367505	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	164347	28.926	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.433%
60) 4-Bromofluorobenzene	12.727	95	126005	23.124	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.067%
63) Toluene-d8	10.439	98	502253	30.106	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.367%
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	1264	0.214	ug/l	96
13) Acrolein	4.040	56	333	0.475	ug/l #	33
16) Carbon Disulfide	4.534	76	5894	0.485	ug/l	98
44) Isopropyl Acetate	8.604	43	2940	0.246	ug/l #	1
56) Bromoform	12.733	173	1174	0.271	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.727	75	58960	25.553	ug/l #	8
91) Naphthalene	15.509	128	5539	7.220	ug/l #	87

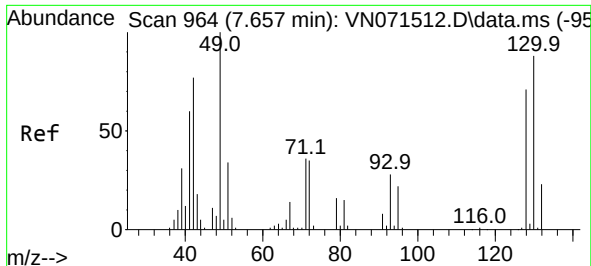
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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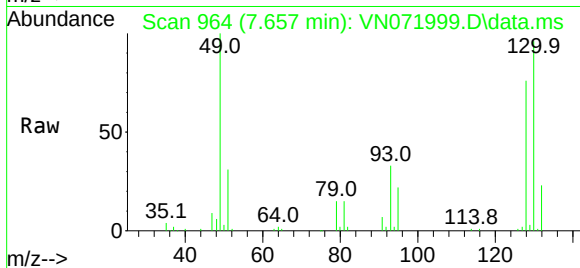
Quant Time: Apr 15 01:38:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 12:03:44 2022
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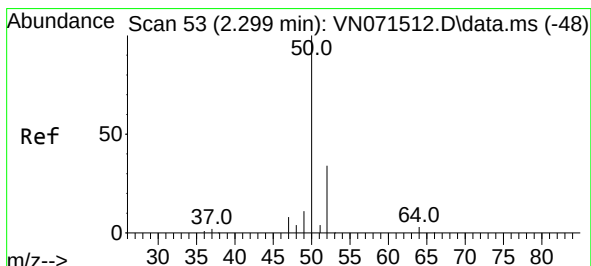
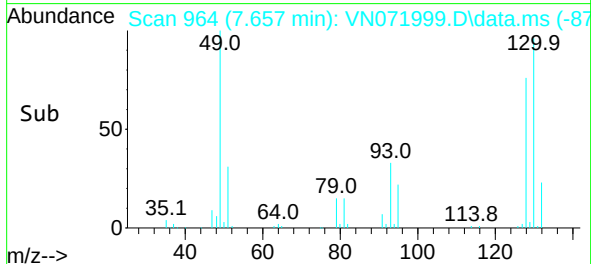
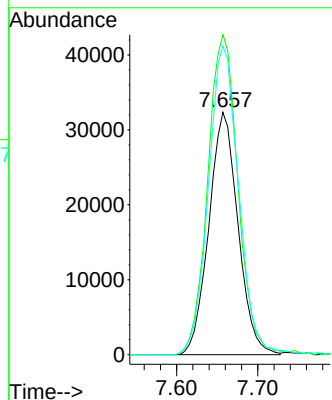


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071999.D
Acq: 14 Apr 2022 15:55

Instrument :
MSVOA_N
ClientSampleId :
IBLK

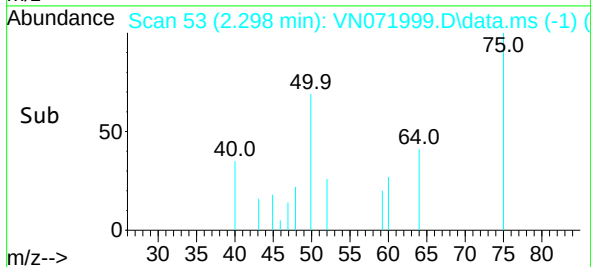
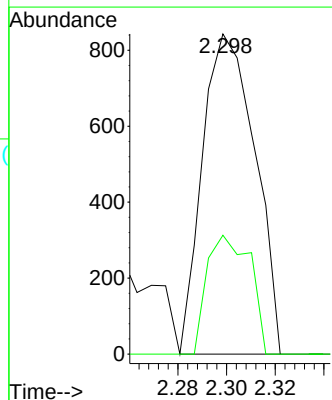
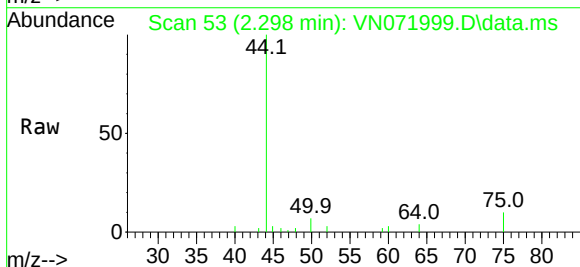


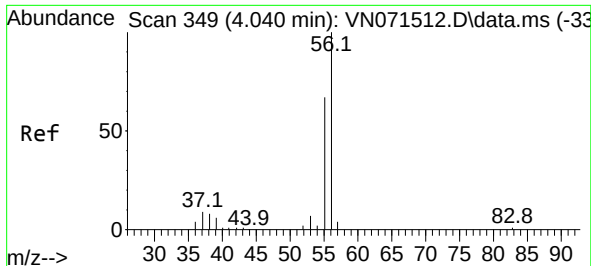
Tgt Ion:128 Resp: 80643
Ion Ratio Lower Upper
128 100
49 136.3 0.0 392.3
130 131.6 0.0 320.2



#3
Chloromethane
Concen: 0.214 ug/l
RT: 2.298 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071999.D
Acq: 14 Apr 2022 15:55

Tgt Ion: 50 Resp: 1264
Ion Ratio Lower Upper
50 100
52 37.1 27.8 41.6

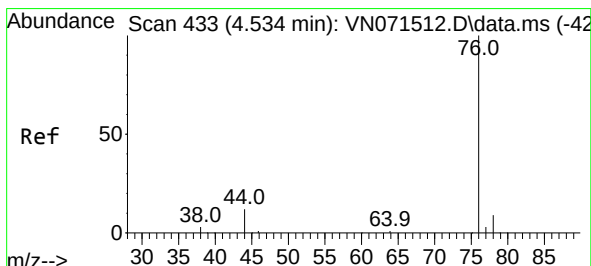
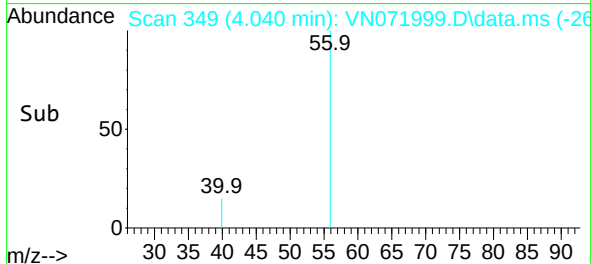
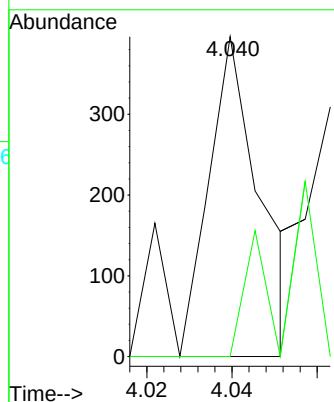
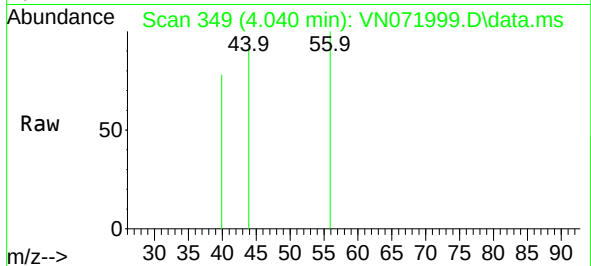




#13
Acrolein
Concen: 0.475 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071999.D
Acq: 14 Apr 2022 15:55

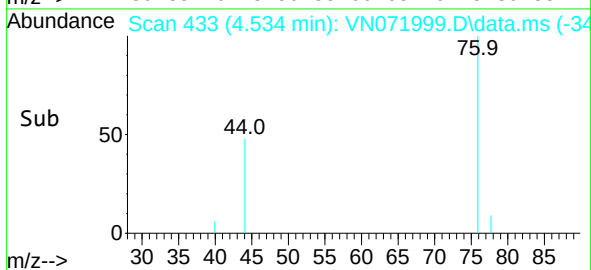
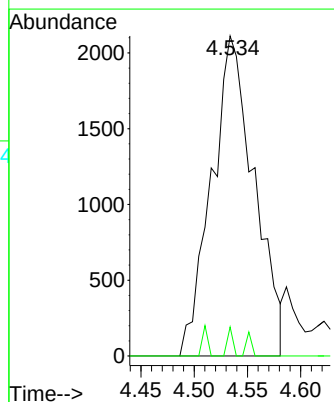
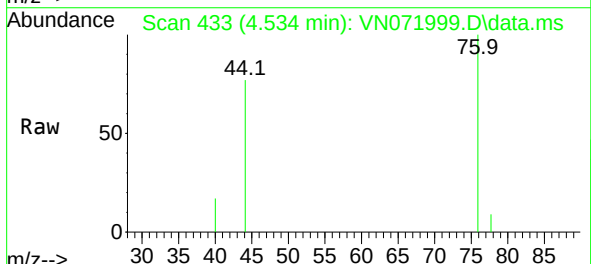
Instrument :
MSVOA_N
ClientSampleId :
IBLK

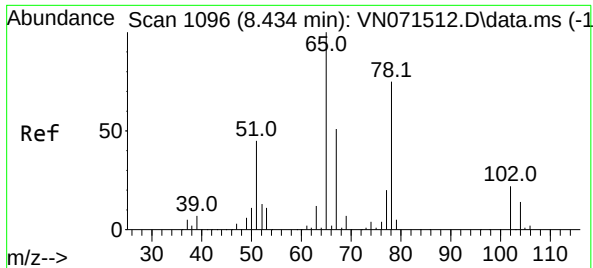
Tgt Ion: 56 Resp: 333
Ion Ratio Lower Upper
56 100
55 16.5 57.6 86.4#



#16
Carbon Disulfide
Concen: 0.485 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071999.D
Acq: 14 Apr 2022 15:55

Tgt Ion: 76 Resp: 5894
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8

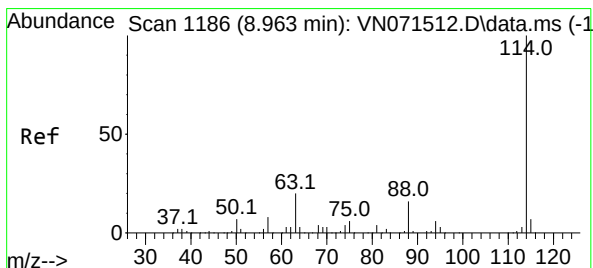
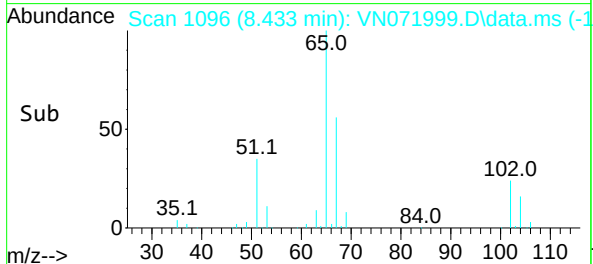
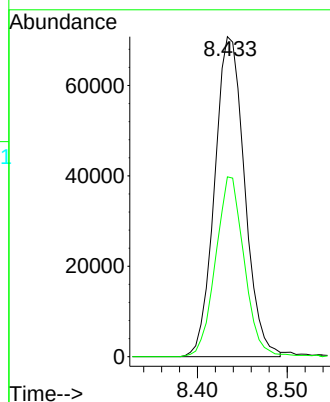
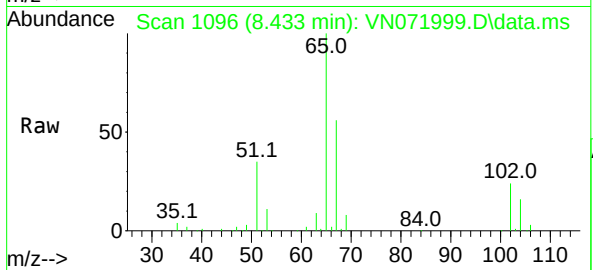




#27
1,2-Dichloroethane-d4
Concen: 28.926 ug/l
RT: 8.433 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN071999.D
Acq: 14 Apr 2022 15:55

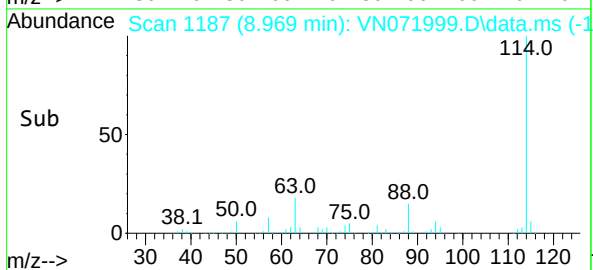
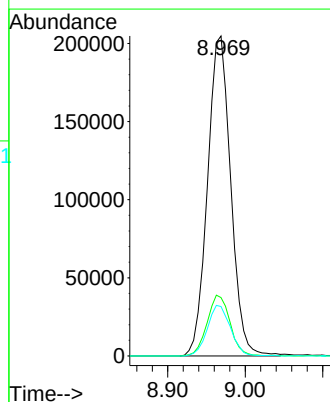
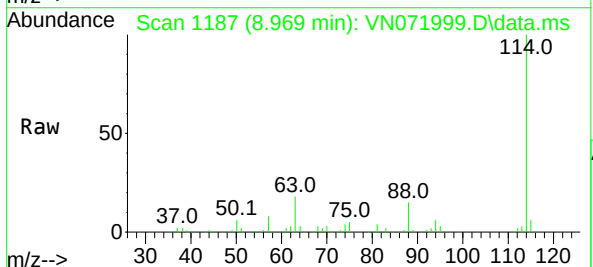
Instrument :
MSVOA_N
ClientSampleId :
IBLK

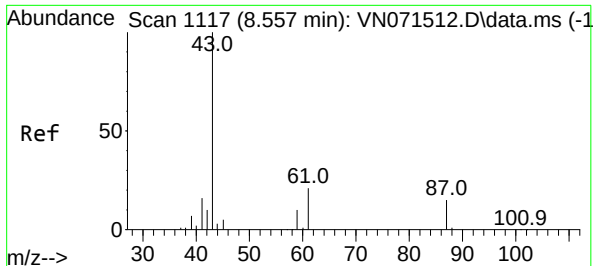
Tgt Ion: 65 Resp: 164347
Ion Ratio Lower Upper
65 100
67 53.8 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071999.D
Acq: 14 Apr 2022 15:55

Tgt Ion: 114 Resp: 426707
Ion Ratio Lower Upper
114 100
63 18.8 15.8 23.6
88 15.7 11.6 17.4





#44

Isopropyl Acetate

Concen: 0.246 ug/l

RT: 8.604 min Scan# 1117

Delta R.T. 0.047 min

Lab File: VN071999.D

Acq: 14 Apr 2022 15:55

Instrument :

MSVOA_N

ClientSampleId :

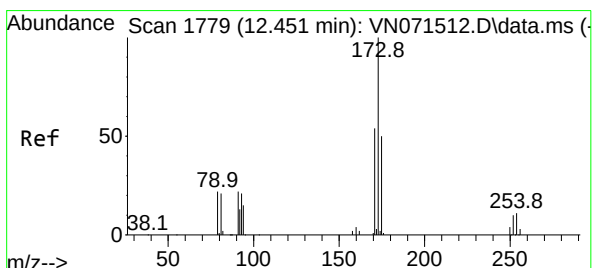
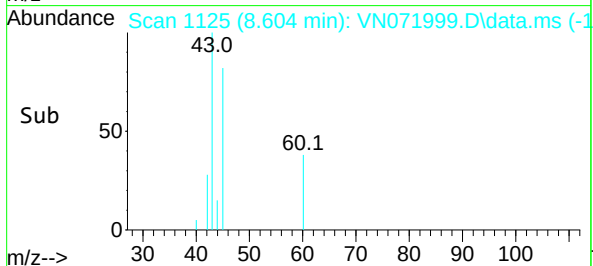
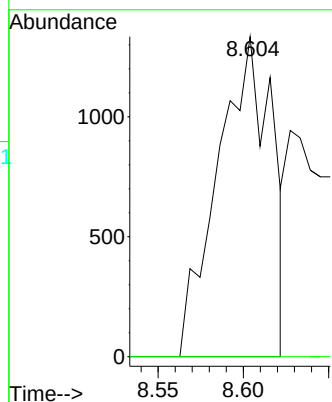
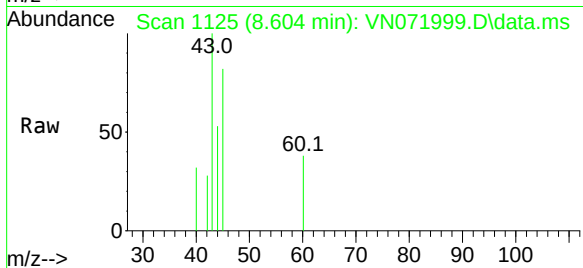
IBLK

Tgt Ion: 43 Resp: 2940

Ion Ratio Lower Upper

43 100

61 99.6 20.1 30.1#



#56

Bromoform

Concen: 0.271 ug/l

RT: 12.733 min Scan# 1827

Delta R.T. 0.282 min

Lab File: VN071999.D

Acq: 14 Apr 2022 15:55

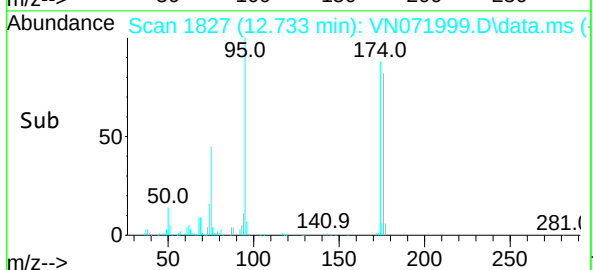
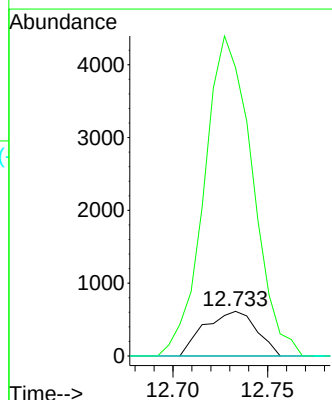
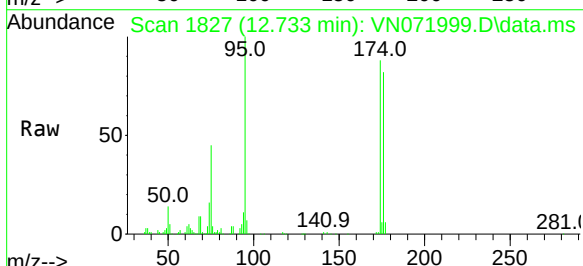
Tgt Ion: 173 Resp: 1174

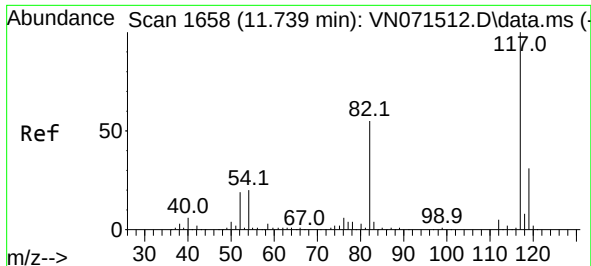
Ion Ratio Lower Upper

173 100

175 661.4 38.6 58.0#

254 0.0 0.0 0.0

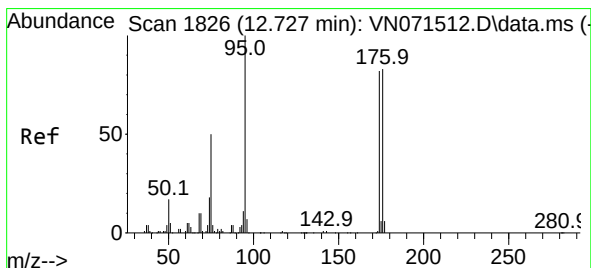
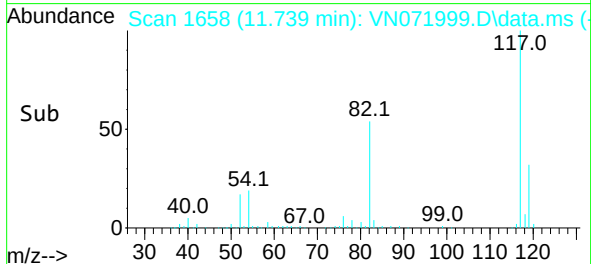
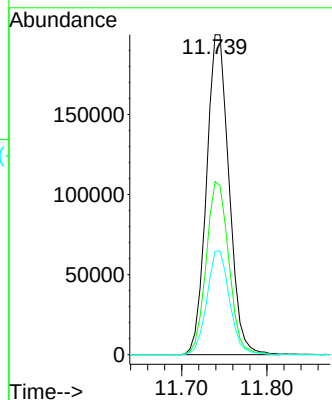
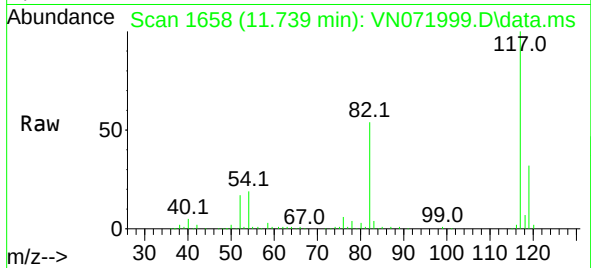




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071999.D
Acq: 14 Apr 2022 15:55

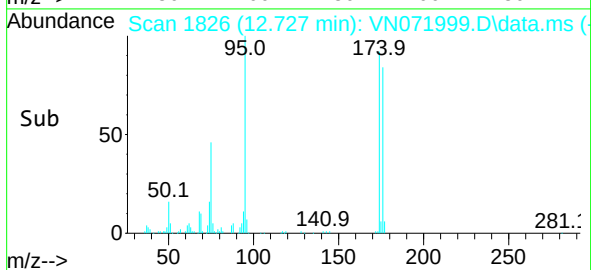
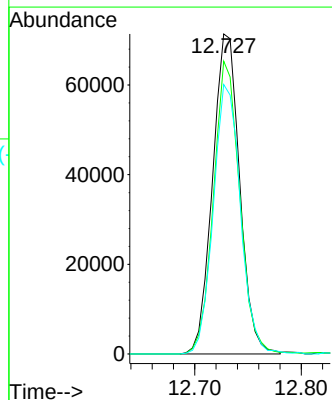
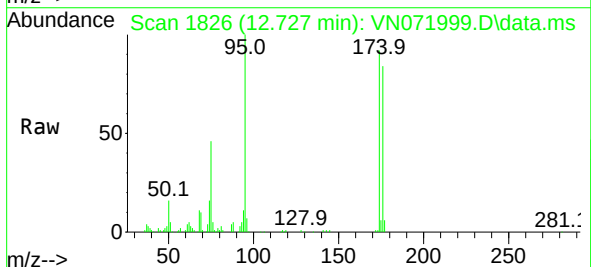
Instrument :
MSVOA_N
ClientSampleId :
IBLK

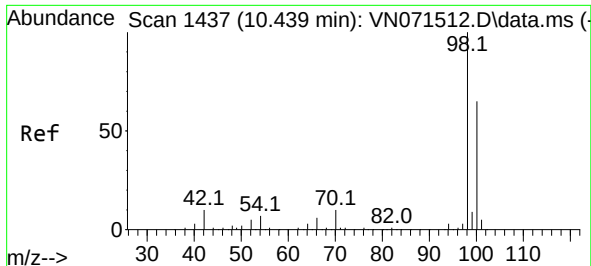
Tgt Ion:117 Resp: 367505
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 32.5 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 23.124 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071999.D
Acq: 14 Apr 2022 15:55

Tgt Ion: 95 Resp: 126005
Ion Ratio Lower Upper
95 100
174 88.5 62.9 94.3
176 84.2 61.0 91.4

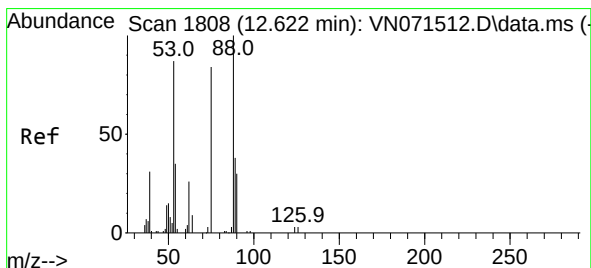
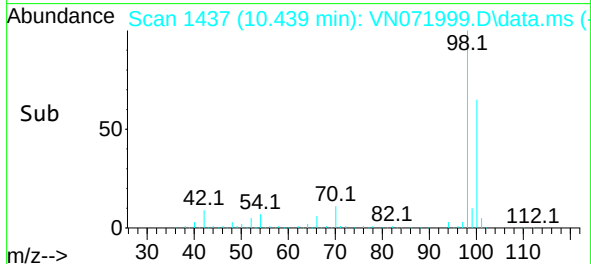
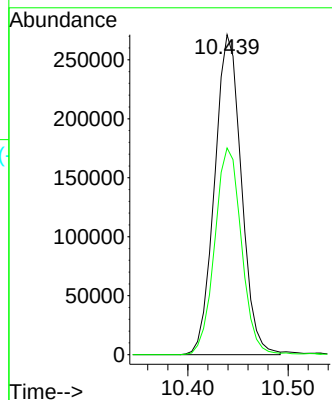
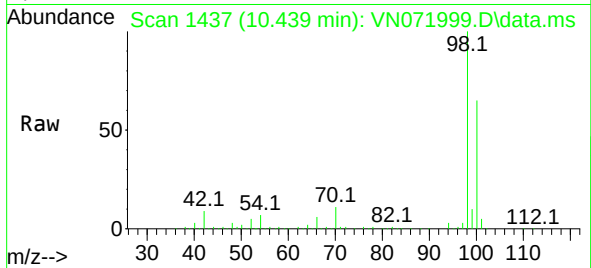




#63
Toluene-d8
Concen: 30.106 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071999.D
Acq: 14 Apr 2022 15:55

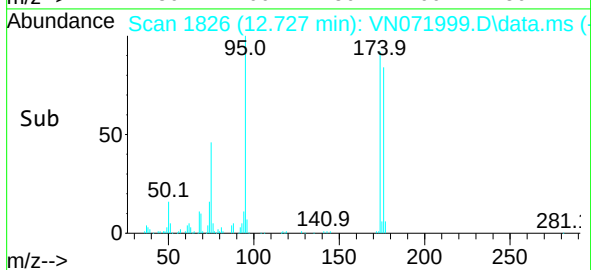
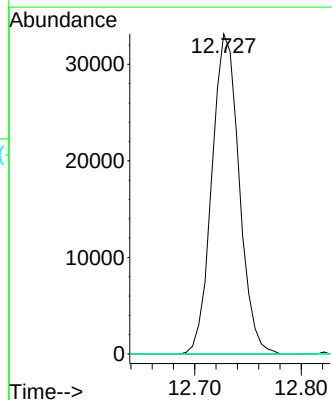
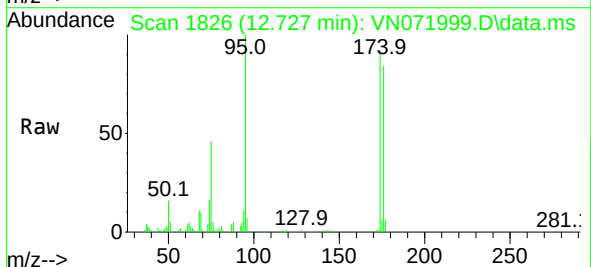
Instrument :
MSVOA_N
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IBLK

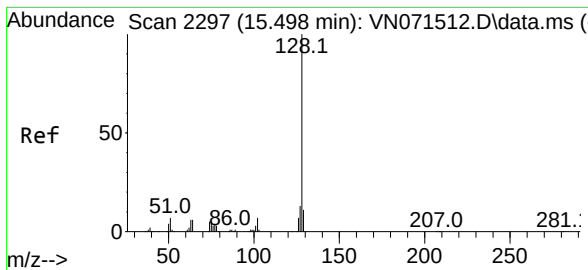
Tgt Ion: 98 Resp: 502253
Ion Ratio Lower Upper
98 100
100 64.6 50.6 76.0



#77
t-1,4-Dichloro-2-butene
Concen: 25.553 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071999.D
Acq: 14 Apr 2022 15:55

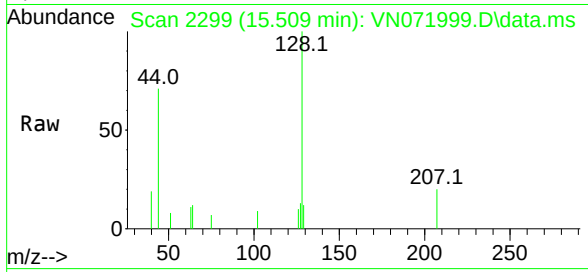
Tgt Ion: 75 Resp: 58960
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#





#91
Naphthalene
Concen: 7.220 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN071999.D
Acq: 14 Apr 2022 15:55

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	5539
Ion	Ratio	Lower	Upper
128	100		
127	6.7	10.7	16.1#
129	8.0	9.0	13.6#

