

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071352.D
 Acq On : 17 Mar 2022 15:07
 Operator : JC\MD
 Sample : N2002-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 220316001-02-TRIP-BLANK

Quant Time: Mar 18 07:00:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

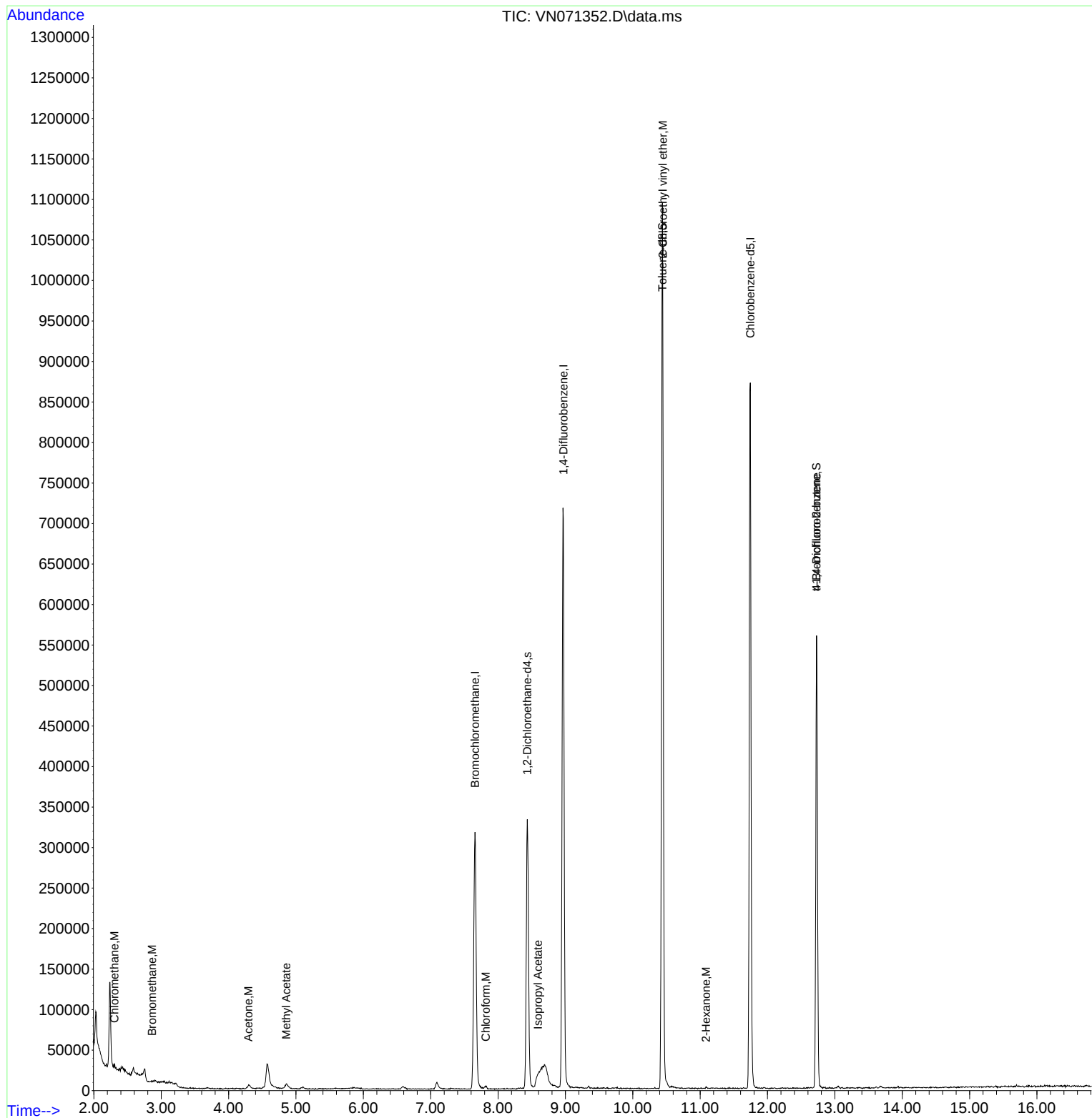
Internal Standards						
1) Bromochloromethane	7.657	128	114471	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	628536	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	515146	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	274963	30.254	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.833%
60) 4-Bromofluorobenzene	12.727	95	197443	24.809	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.700%
63) Toluene-d8	10.439	98	742835	31.347	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.500%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	2467	0.250	ug/l	90
5) Bromomethane	2.863	94	1076	0.237	ug/l #	34
12) Methyl Acetate	4.857	43	8112	0.648	ug/l #	76
15) Acetone	4.292	58	1351	0.984	ug/l	70
25) Chloroform	7.816	83	2852	0.206	ug/l	89
44) Isopropyl Acetate	8.592	43	14948	0.667	ug/l #	51
55) 2-Chloroethyl vinyl ether	10.445	63	862	0.216	ug/l #	1
59) 2-Hexanone	11.086	43	1985	0.216	ug/l #	69
77) t-1,4-Dichloro-2-butene	12.727	75	99397	30.658	ug/l #	8

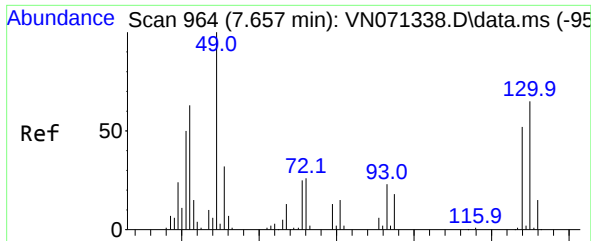
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
220316001-02-TRIP-BLANK

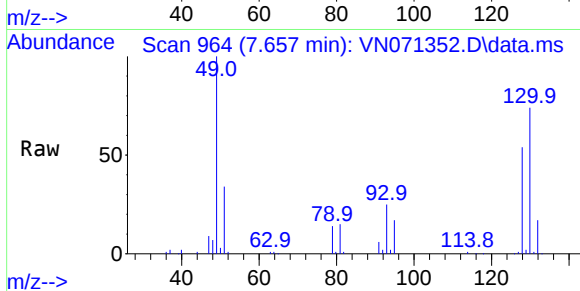
Quant Time: Mar 18 07:00:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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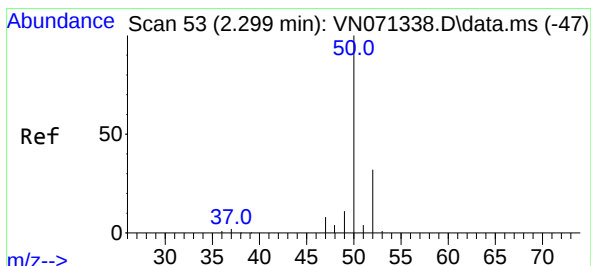
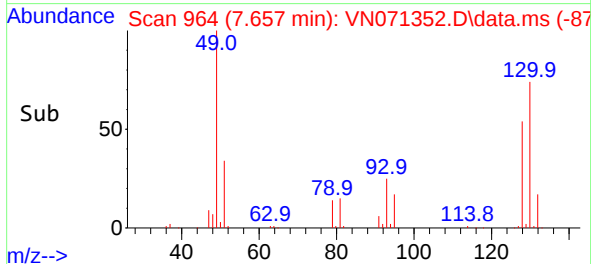
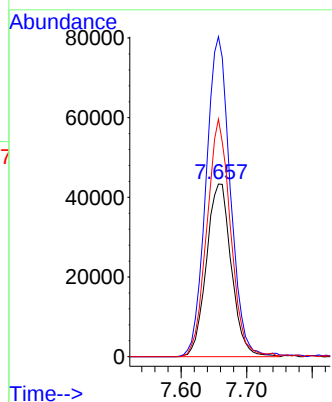


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
220316001-02-TRIP-BLANK

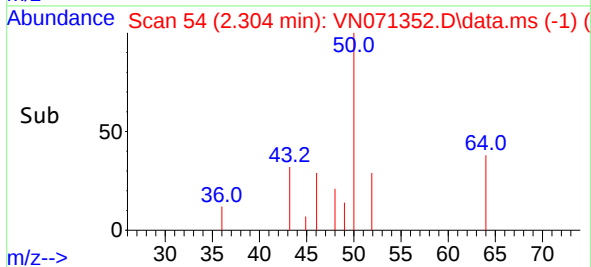
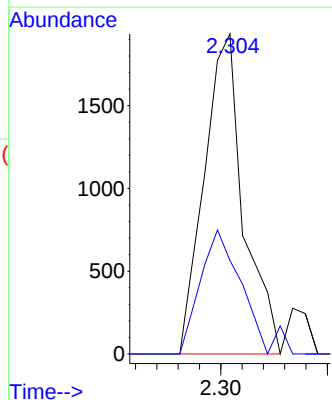
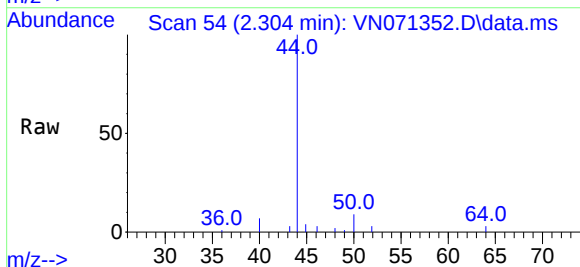


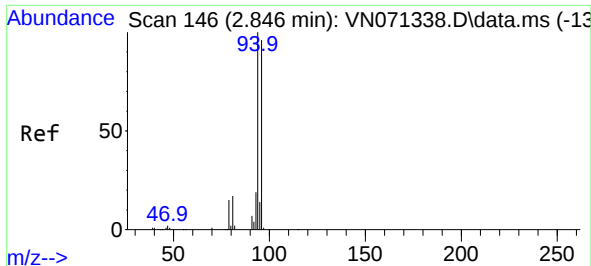
Tgt Ion:128 Resp: 114471
Ion Ratio Lower Upper
128 100
49 179.9 0.0 392.3
130 130.4 0.0 320.2



#3
Chloromethane
Concen: 0.250 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

Tgt Ion: 50 Resp: 2467
Ion Ratio Lower Upper
50 100
52 29.2 27.8 41.6

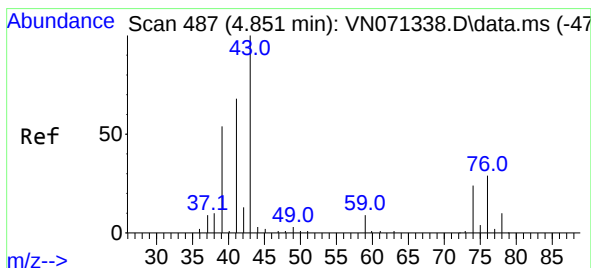
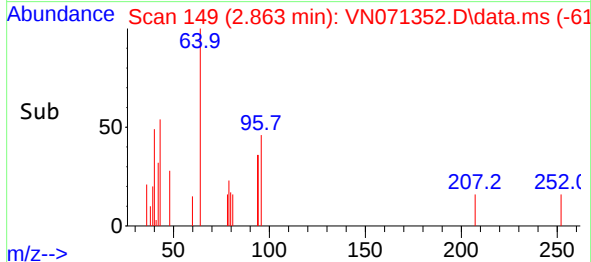
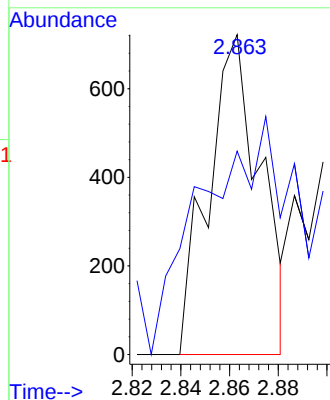
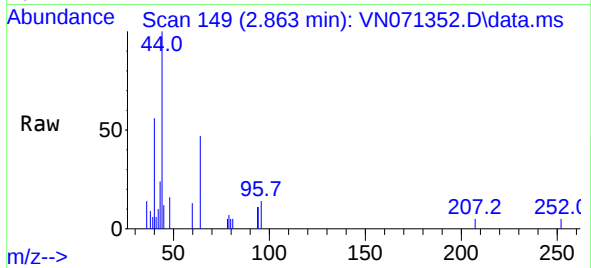




#5
Bromomethane
Concen: 0.237 ug/l
RT: 2.863 min Scan# 14
Delta R.T. 0.017 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

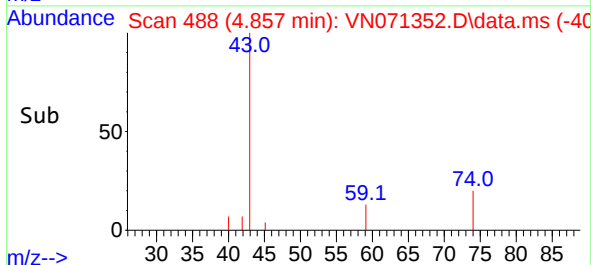
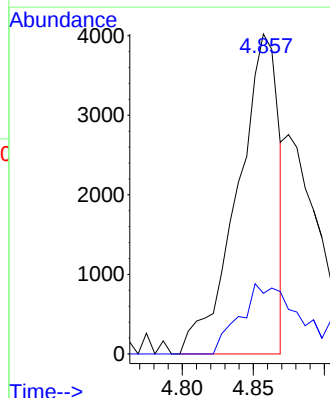
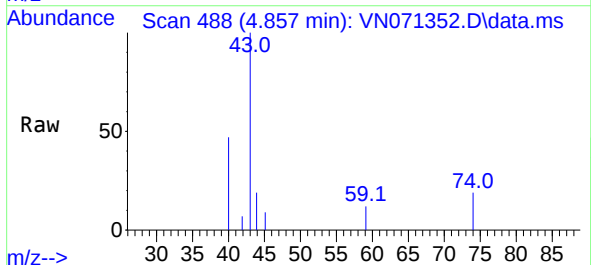
Instrument :
MSVOA_N
ClientSampleId :
220316001-02-TRIP-BLANK

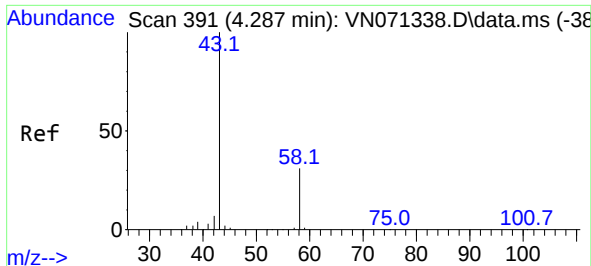
Tgt Ion: 94 Resp: 1076
Ion Ratio Lower Upper
94 100
96 30.5 75.2 112.8#



#12
Methyl Acetate
Concen: 0.648 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

Tgt Ion: 43 Resp: 8112
Ion Ratio Lower Upper
43 100
74 13.7 20.8 31.2#

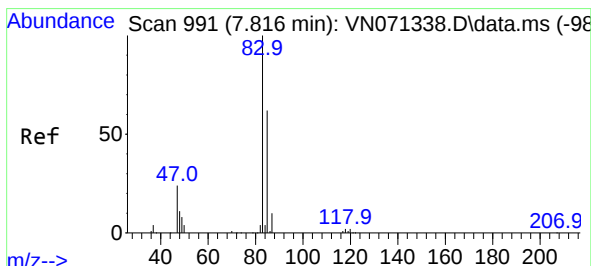
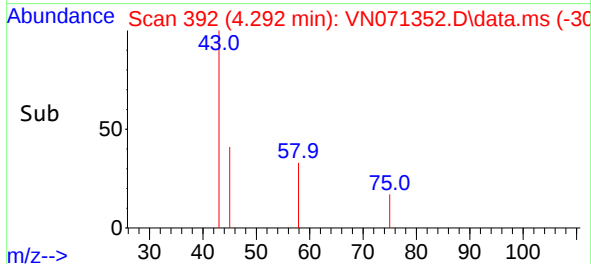
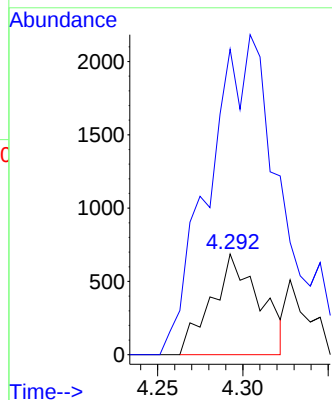
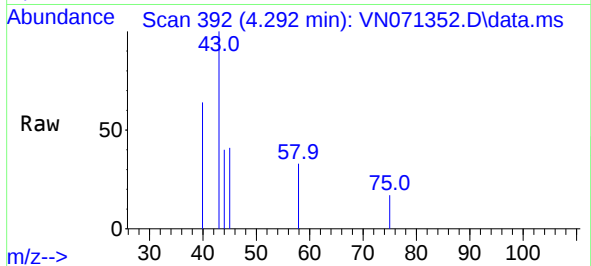




#15
Acetone
Concen: 0.984 ug/l
RT: 4.292 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

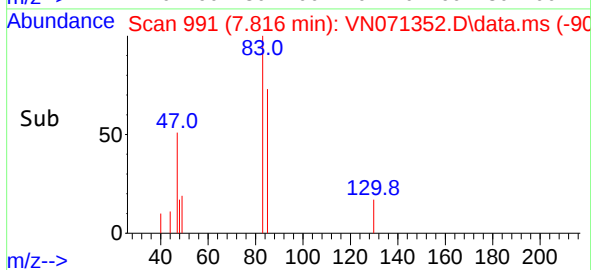
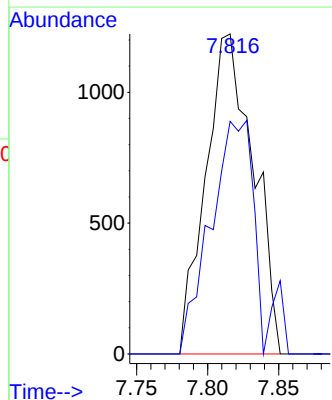
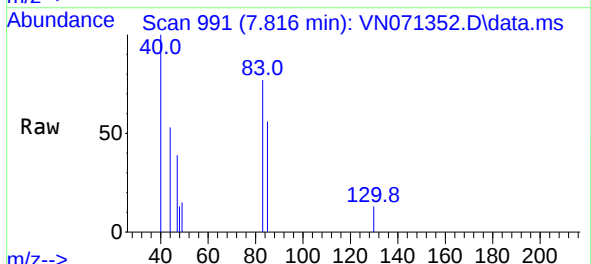
Instrument :
MSVOA_N
ClientSampleId :
220316001-02-TRIP-BLANK

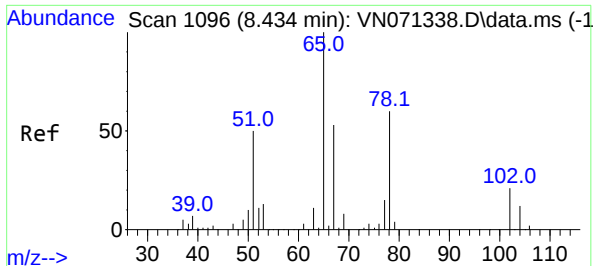
Tgt Ion: 58 Resp: 1351
Ion Ratio Lower Upper
58 100
43 259.4 256.6 384.8



#25
Chloroform
Concen: 0.206 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

Tgt Ion: 83 Resp: 2852
Ion Ratio Lower Upper
83 100
85 72.7 51.3 76.9

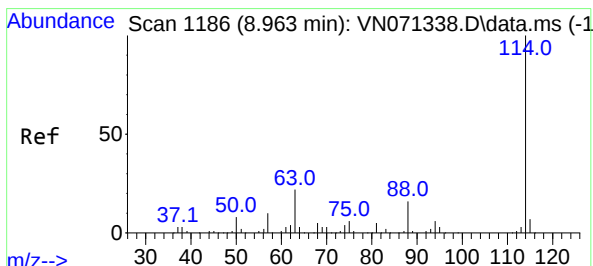
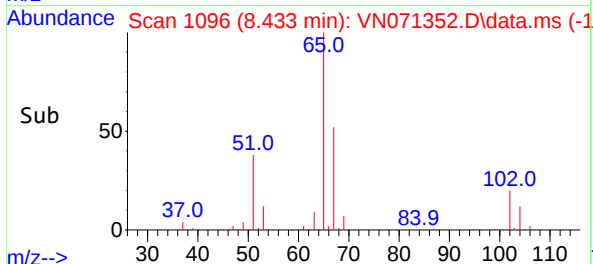
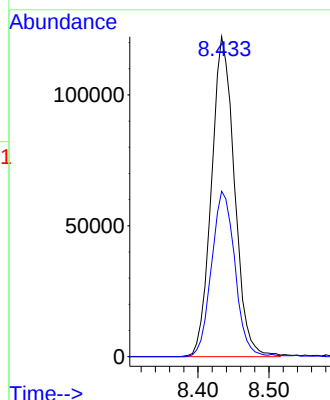
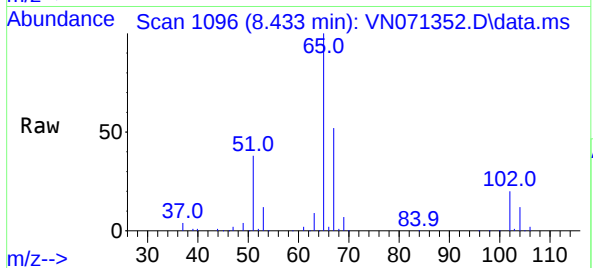




#27
1,2-Dichloroethane-d4
Concen: 30.254 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

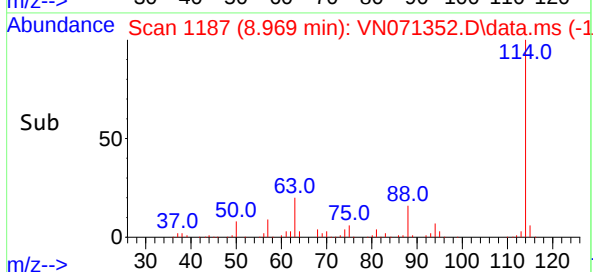
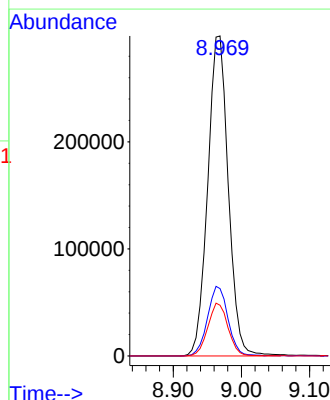
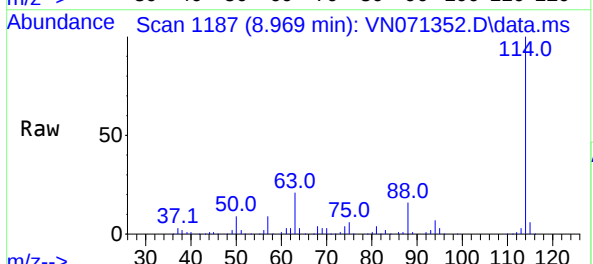
Instrument :
MSVOA_N
ClientSampleId :
220316001-02-TRIP-BLANK

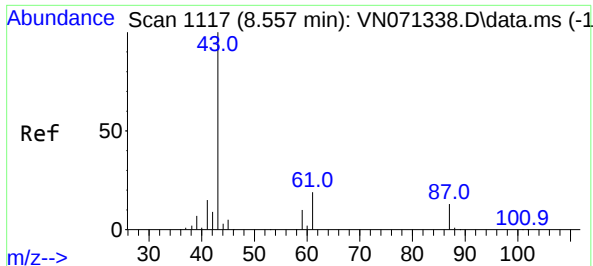
Tgt Ion: 65 Resp: 274963
Ion Ratio Lower Upper
65 100
67 52.3 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

Tgt Ion: 114 Resp: 628536
Ion Ratio Lower Upper
114 100
63 21.6 15.8 23.6
88 16.1 11.6 17.4





#44

Isopropyl Acetate

Concen: 0.667 ug/l

RT: 8.592 min Scan# 1117

Delta R.T. 0.035 min

Lab File: VN071352.D

Acq: 17 Mar 2022 15:07

Instrument :

MSVOA_N

ClientSampleId :

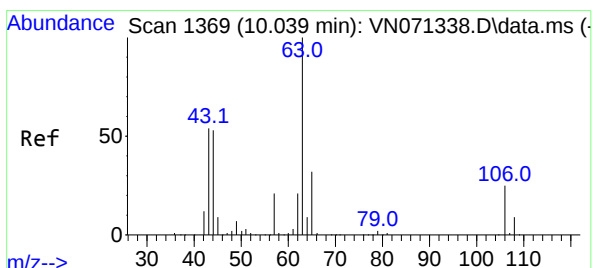
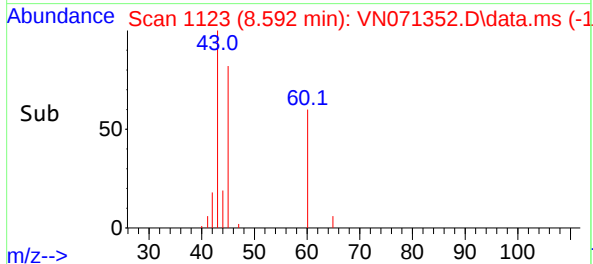
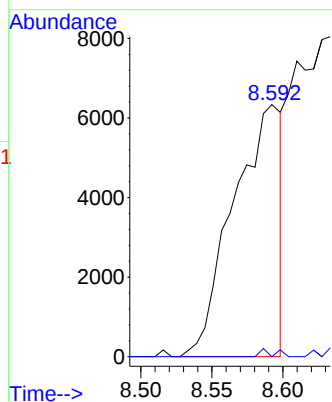
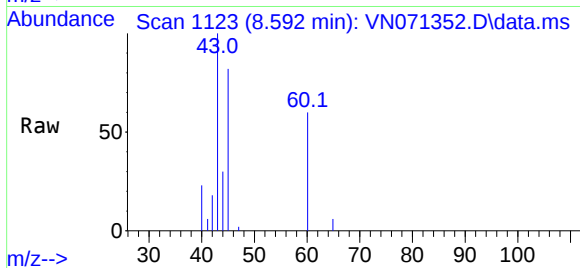
220316001-02-TRIP-BLANK

Tgt Ion: 43 Resp: 14948

Ion Ratio Lower Upper

43 100

61 0.5 20.1 30.1#



#55

2-Chloroethyl vinyl ether

Concen: 0.216 ug/l

RT: 10.445 min Scan# 1438

Delta R.T. 0.406 min

Lab File: VN071352.D

Acq: 17 Mar 2022 15:07

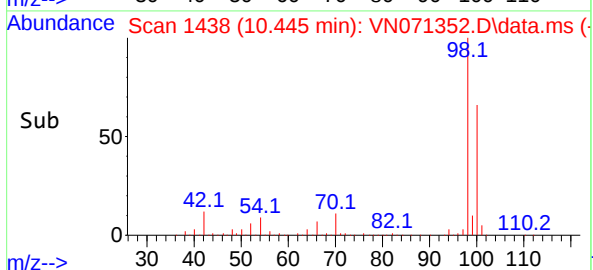
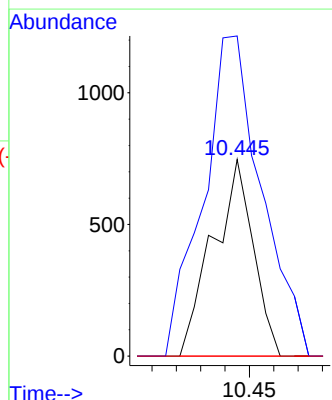
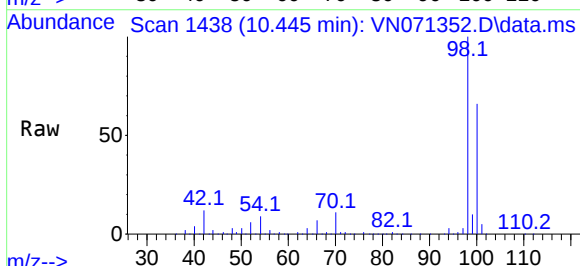
Tgt Ion: 63 Resp: 862

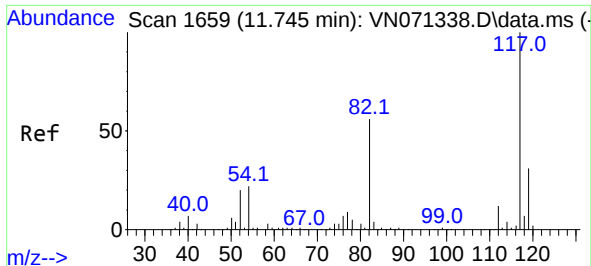
Ion Ratio Lower Upper

63 100

65 235.7 25.4 38.0#

106 0.0 23.2 34.8#

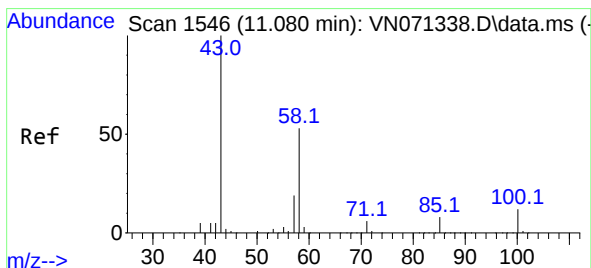
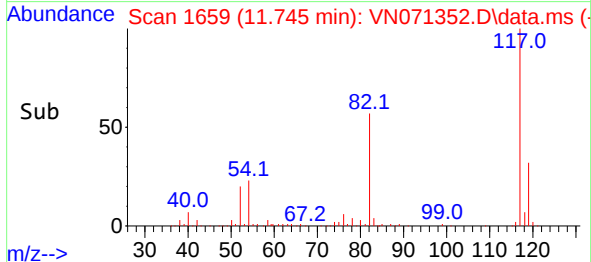
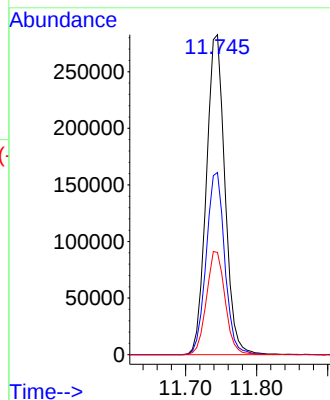
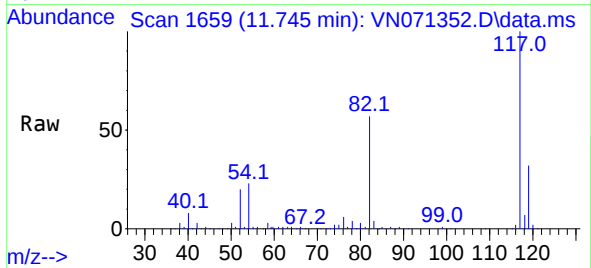




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

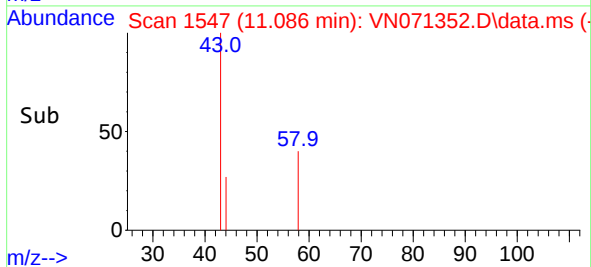
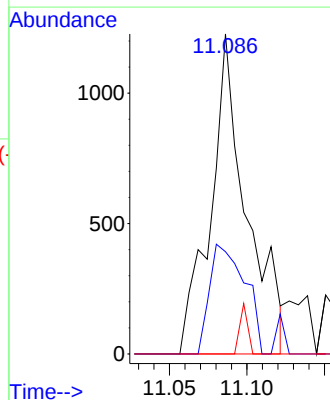
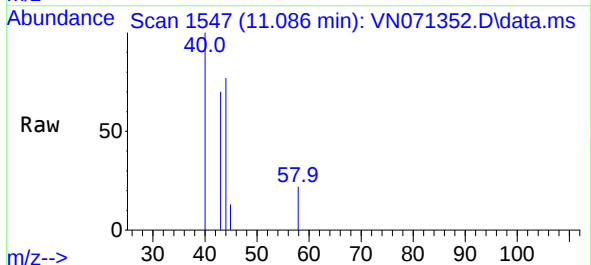
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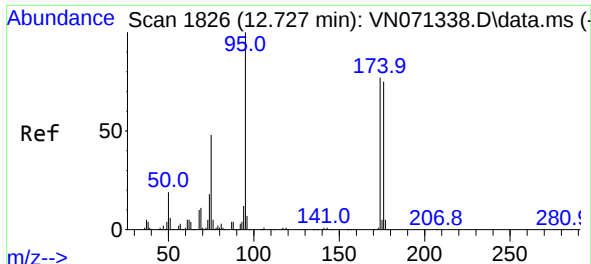
Tgt Ion:	117	Resp:	515146
Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.6	65.4
119	32.5	25.8	38.6



#59
2-Hexanone
Concen: 0.216 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

Tgt Ion:	43	Resp:	1985
Ion	Ratio	Lower	Upper
43	100		
58	33.6	42.2	63.2#
57	0.0	15.0	22.4#

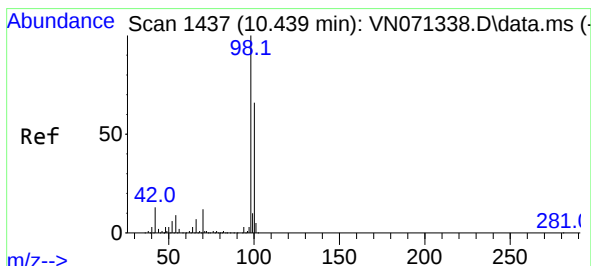
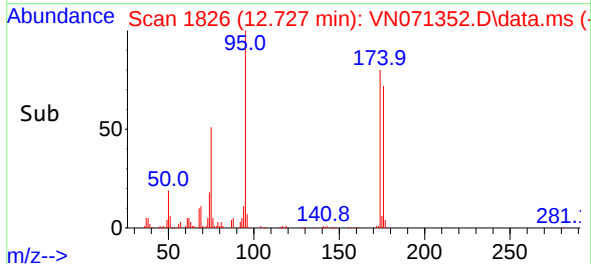
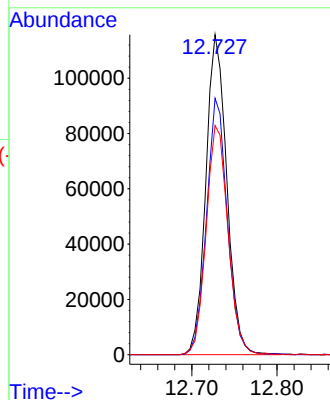
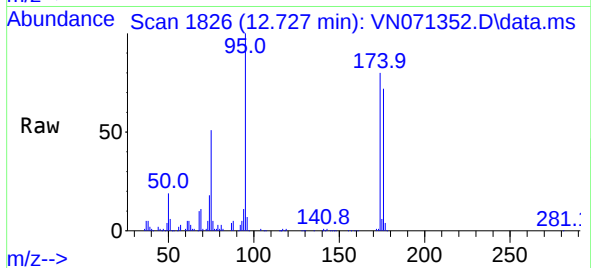




#60
4-Bromofluorobenzene
Concen: 24.809 ug/l
RT: 12.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

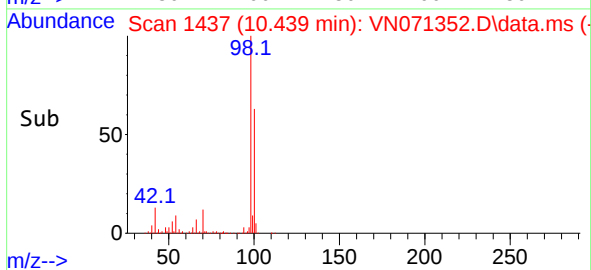
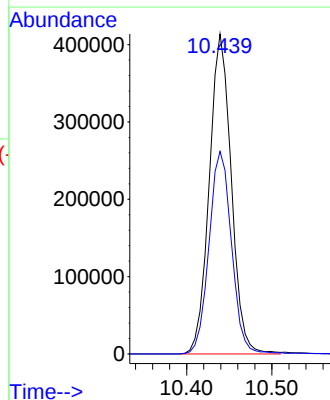
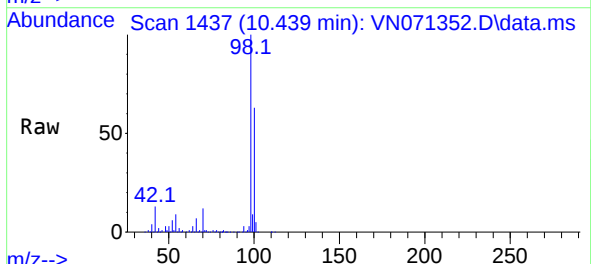
Instrument :
MSVOA_N
ClientSampleId :
220316001-02-TRIP-BLANK

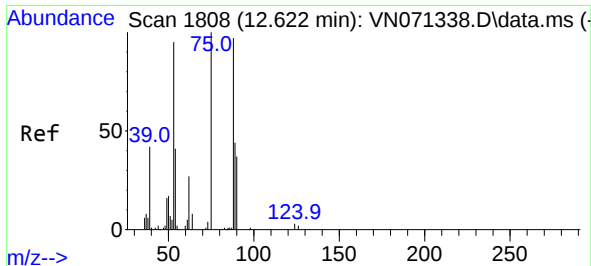
Tgt Ion: 95 Resp: 197443
Ion Ratio Lower Upper
95 100
174 79.8 62.9 94.3
176 74.4 61.0 91.4



#63
Toluene-d8
Concen: 31.347 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

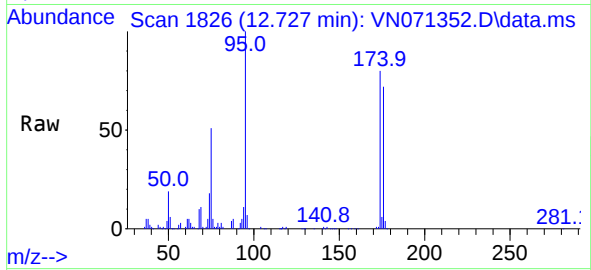
Tgt Ion: 98 Resp: 742835
Ion Ratio Lower Upper
98 100
100 64.5 50.6 76.0





#77
t-1,4-Dichloro-2-butene
Concen: 30.658 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN071352.D
Acq: 17 Mar 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
220316001-02-TRIP-BLANK



Tgt Ion: 75 Resp: 99397
Ion Ratio Lower Upper
75 100
53 0.3 51.8 155.5#
89 0.0 22.9 68.7#

