

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032322\
 Data File : VN071505.D
 Acq On : 23 Mar 2022 15:37
 Operator : JC\MD
 Sample : VN0323WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0323WBL01

Quant Time: Mar 23 16:52:38 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)

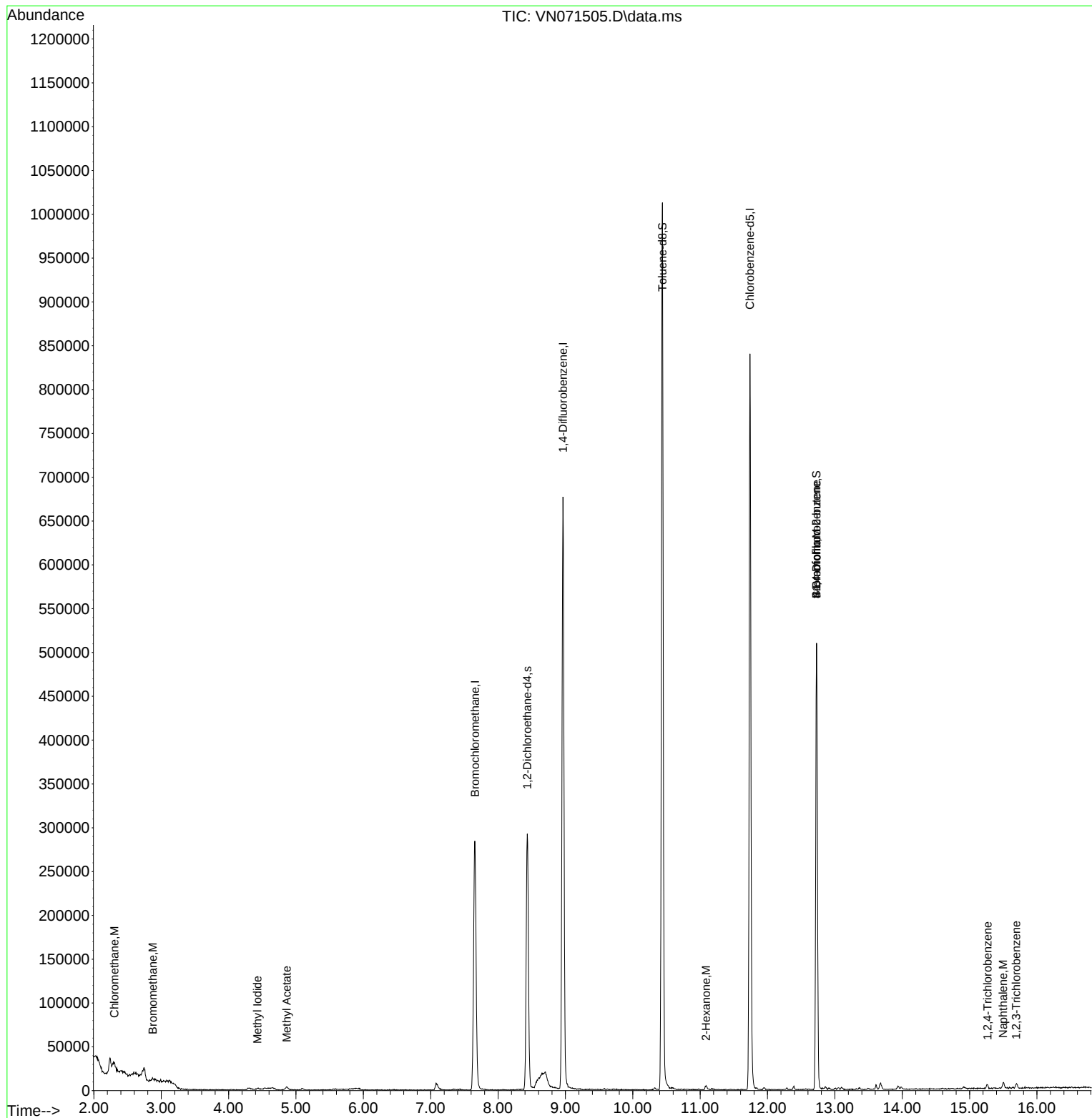
Internal Standards						
1) Bromochloromethane	7.657	128	115971	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	612906	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	518659	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	246994	26.825	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	89.433%#
60) 4-Bromofluorobenzene	12.727	95	185283	23.123	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.067%
63) Toluene-d8	10.439	98	728045	30.514	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	2196	0.220	ug/l	89
5) Bromomethane	2.875	94	2406	0.523	ug/l #	65
11) Methyl Iodide	4.428	142	1985	0.217	ug/l #	59
12) Methyl Acetate	4.863	43	6370	0.502	ug/l #	81
56) Bromoform	12.727	173	1544	0.258	ug/l #	1
59) 2-Hexanone	11.086	43	4011	0.433	ug/l #	93
77) t-1,4-Dichloro-2-butene	12.727	75	93787	28.732	ug/l #	8
89) 1,2,4-Trichlorobenzene	15.268	180	2042	0.380	ug/l	96
91) Naphthalene	15.498	128	7230	0.430	ug/l #	87
92) 1,2,3-Trichlorobenzene	15.692	180	2169	0.394	ug/l	76

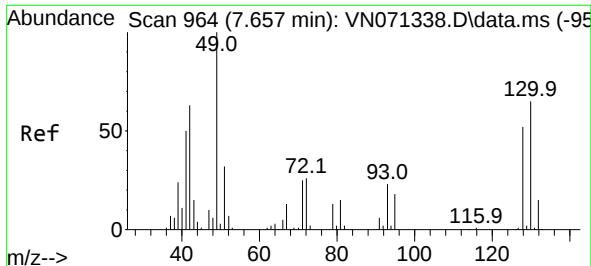
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032322\
Data File : VN071505.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

Quant Time: Mar 23 16:52:38 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

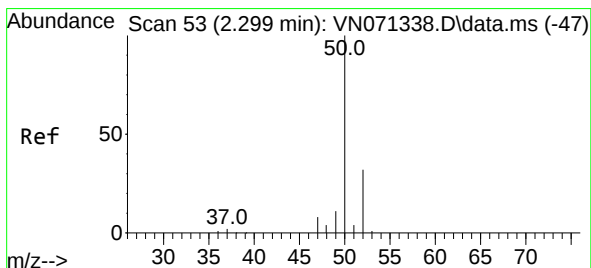
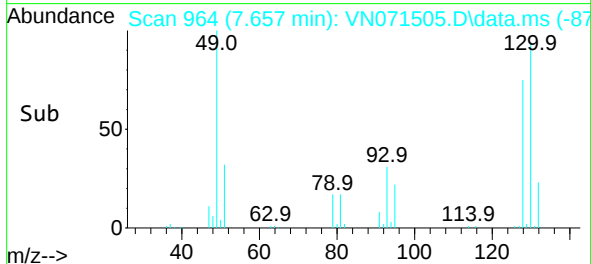
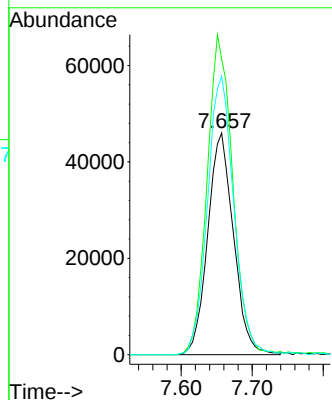
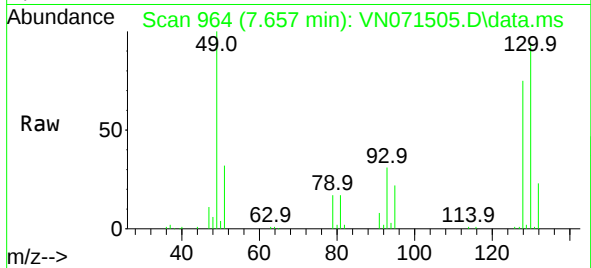




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN071505.D
Acq: 23 Mar 2022 15:37

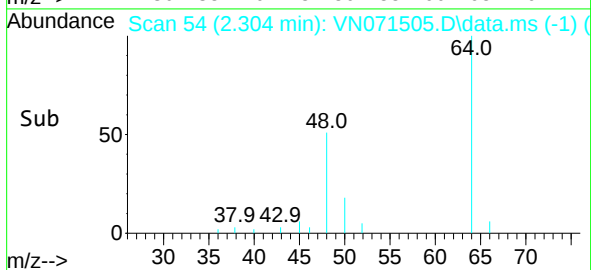
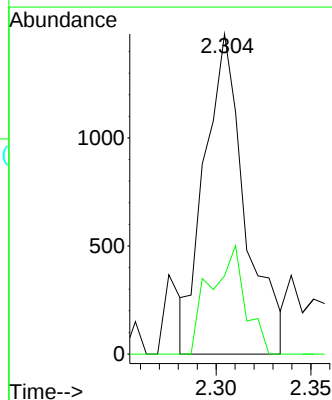
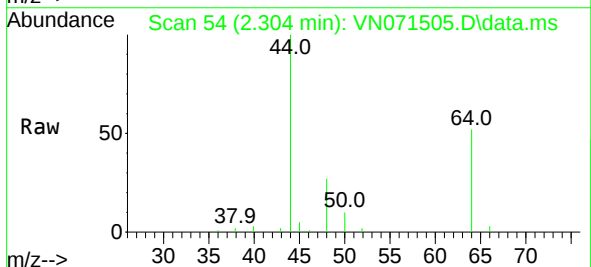
Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

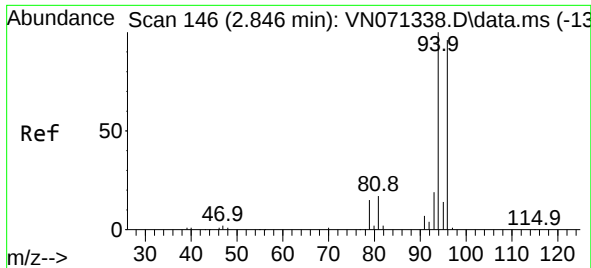
Tgt Ion:128 Resp: 115971
Ion Ratio Lower Upper
128 100
49 143.8 0.0 392.3
130 128.4 0.0 320.2



#3
Chloromethane
Concen: 0.220 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071505.D
Acq: 23 Mar 2022 15:37

Tgt Ion: 50 Resp: 2196
Ion Ratio Lower Upper
50 100
52 28.2 27.8 41.6

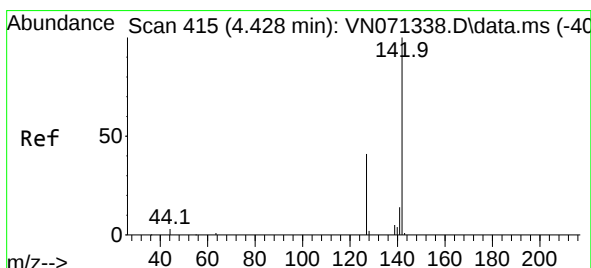
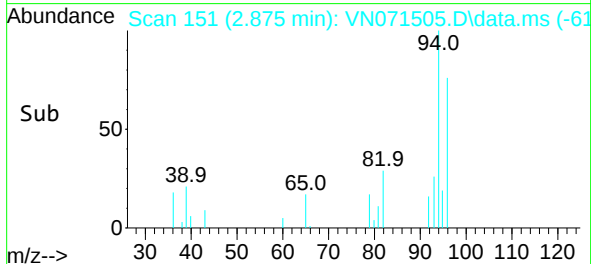
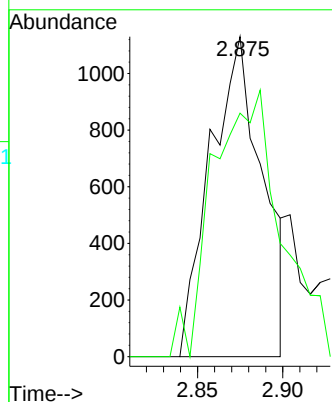
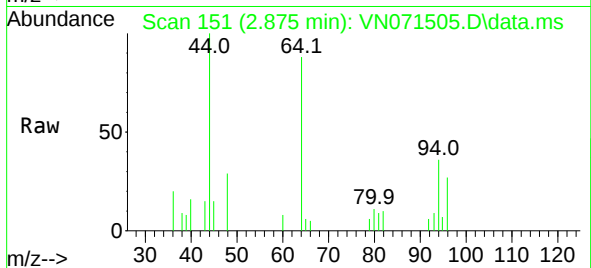




#5
Bromomethane
Concen: 0.523 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071505.D
Acq: 23 Mar 2022 15:37

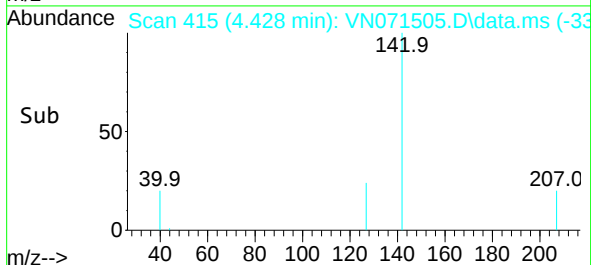
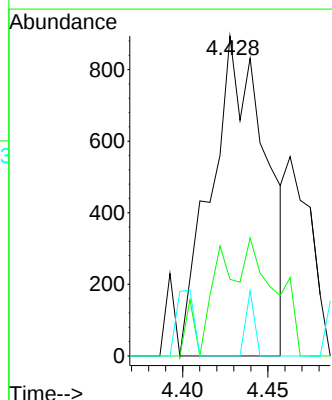
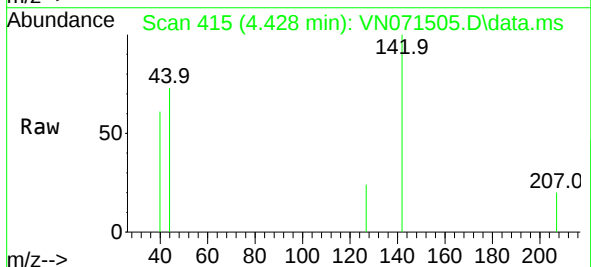
Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

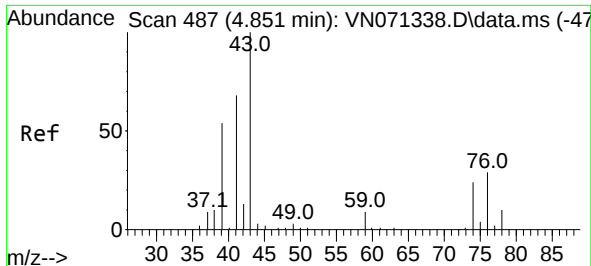
Tgt Ion: 94 Resp: 2406
Ion Ratio Lower Upper
94 100
96 60.6 75.2 112.8#



#11
Methyl Iodide
Concen: 0.217 ug/l
RT: 4.428 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN071505.D
Acq: 23 Mar 2022 15:37

Tgt Ion:142 Resp: 1985
Ion Ratio Lower Upper
142 100
127 19.7 24.0 72.0#
141 0.0 8.4 25.2#

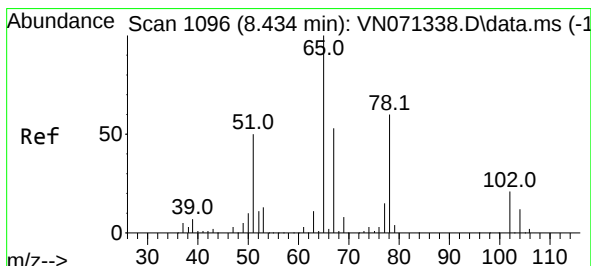
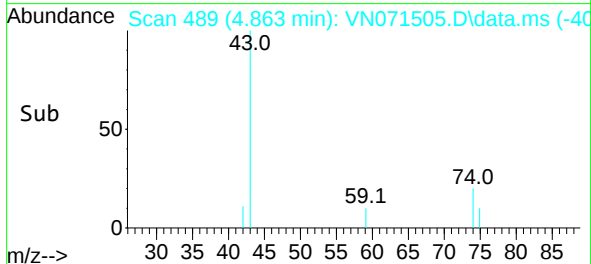
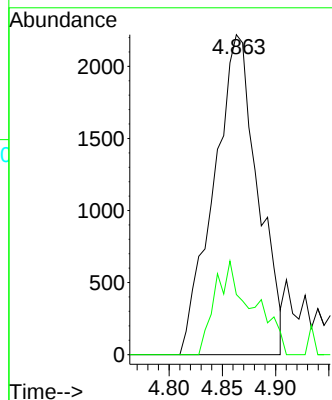
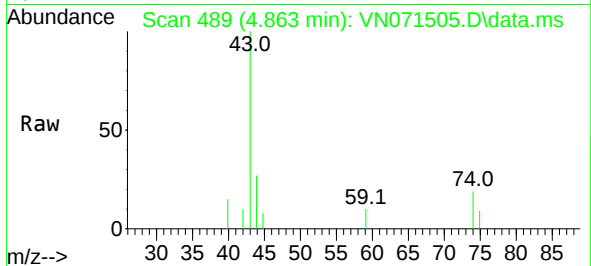




#12
Methyl Acetate
Concen: 0.502 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071505.D
Acq: 23 Mar 2022 15:37

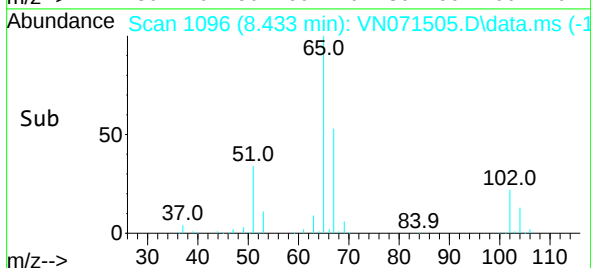
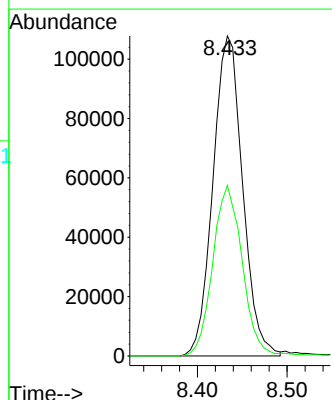
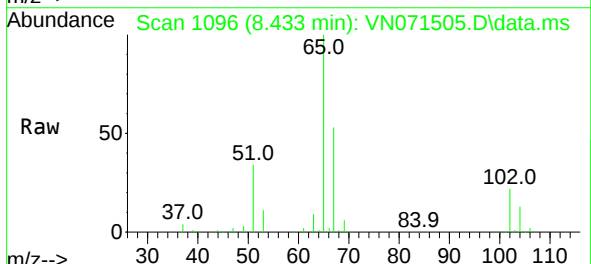
Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

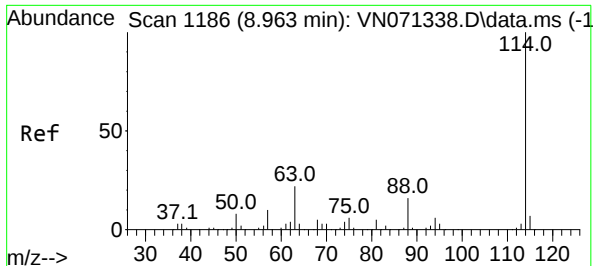
Tgt Ion: 43 Resp: 6370
Ion Ratio Lower Upper
43 100
74 16.3 20.8 31.2#



#27
1,2-Dichloroethane-d4
Concen: 26.825 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071505.D
Acq: 23 Mar 2022 15:37

Tgt Ion: 65 Resp: 246994
Ion Ratio Lower Upper
65 100
67 52.6 40.2 60.2

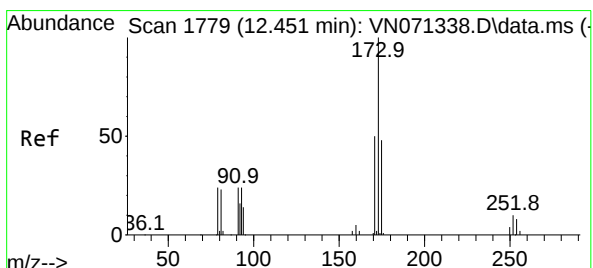
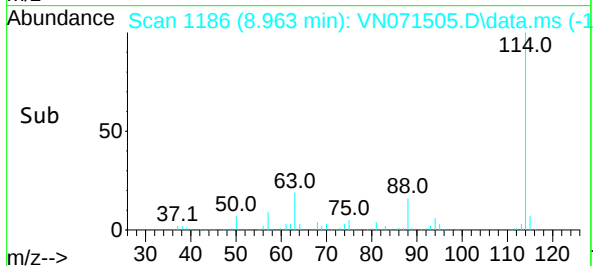
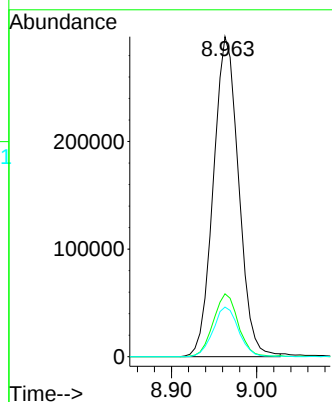
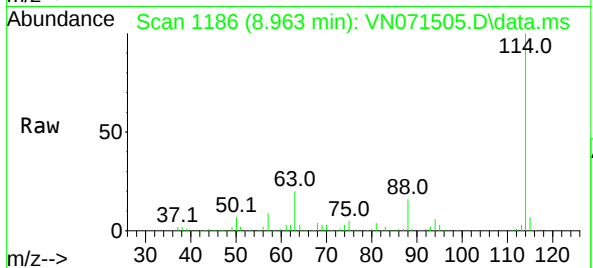




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071505.D
Acq: 23 Mar 2022 15:37

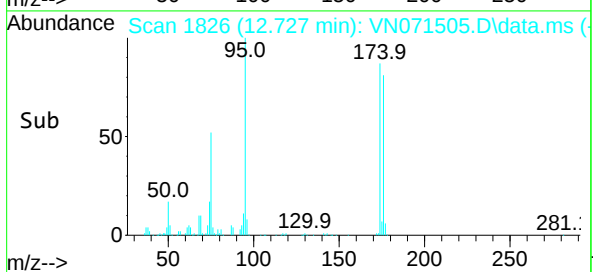
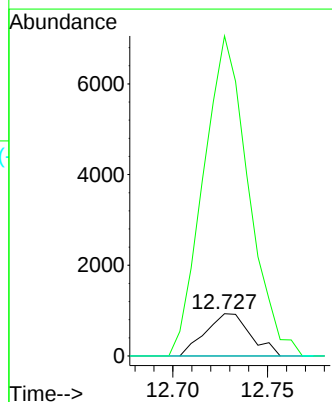
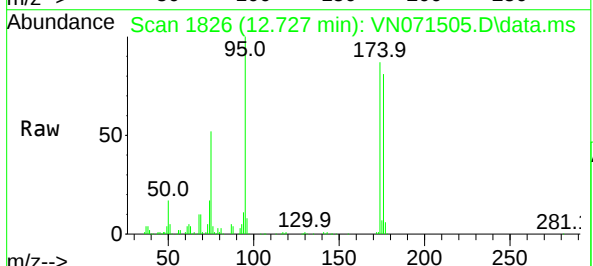
Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

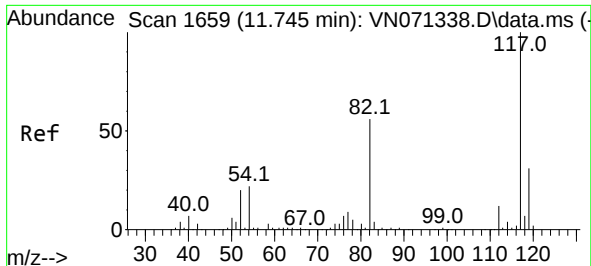
Tgt Ion:114 Resp: 612906
Ion Ratio Lower Upper
114 100
63 19.4 15.8 23.6
88 15.6 11.6 17.4



#56
Bromoform
Concen: 0.258 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.276 min
Lab File: VN071505.D
Acq: 23 Mar 2022 15:37

Tgt Ion:173 Resp: 1544
Ion Ratio Lower Upper
173 100
175 758.9 38.6 58.0#
254 0.0 0.0 0.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN071505.D

Acq: 23 Mar 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0323WBL01

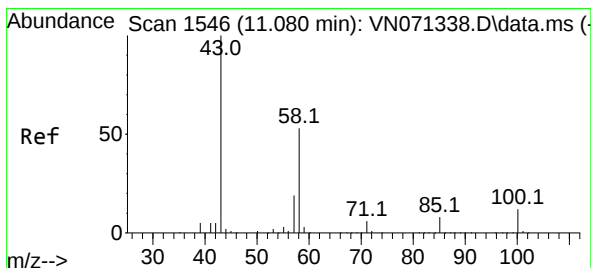
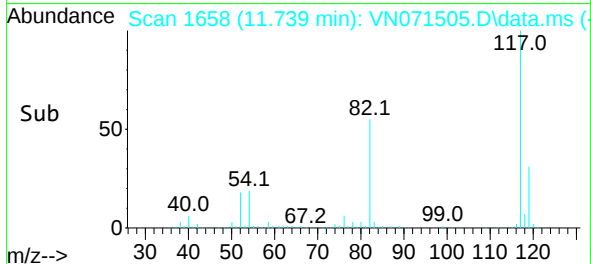
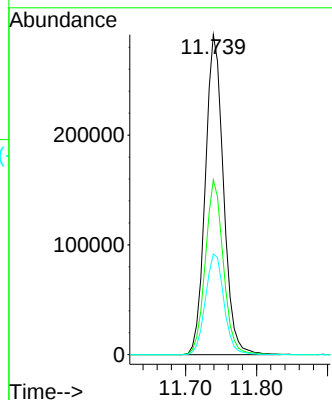
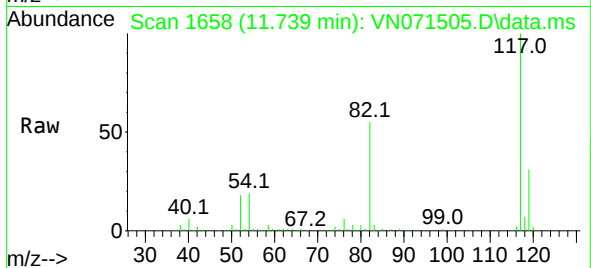
Tgt Ion:117 Resp: 518659

Ion Ratio Lower Upper

117 100

82 54.1 43.6 65.4

119 32.1 25.8 38.6



#59

2-Hexanone

Concen: 0.433 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.006 min

Lab File: VN071505.D

Acq: 23 Mar 2022 15:37

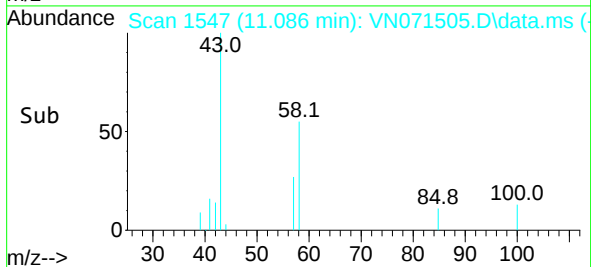
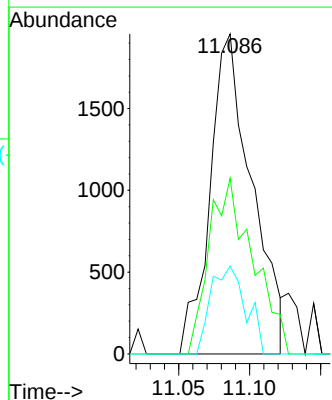
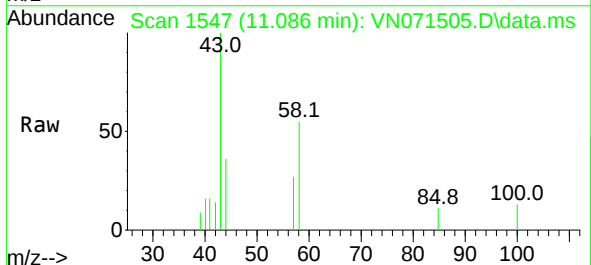
Tgt Ion: 43 Resp: 4011

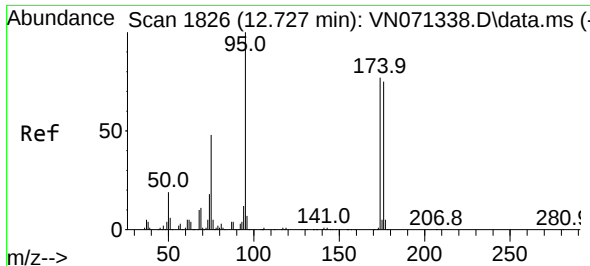
Ion Ratio Lower Upper

43 100

58 57.3 42.2 63.2

57 22.9 15.0 22.4#

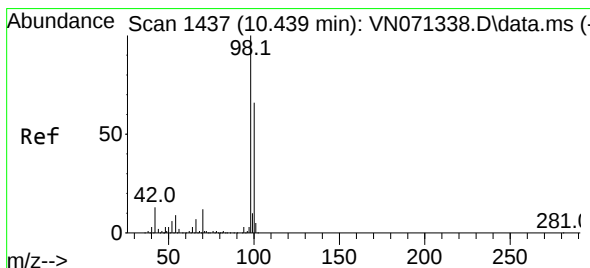
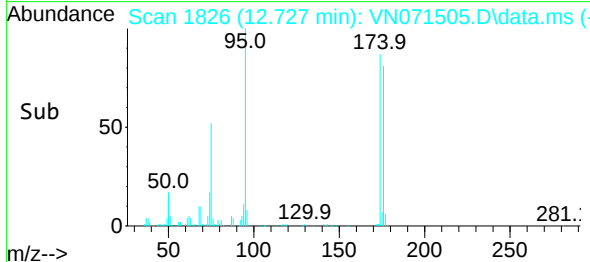
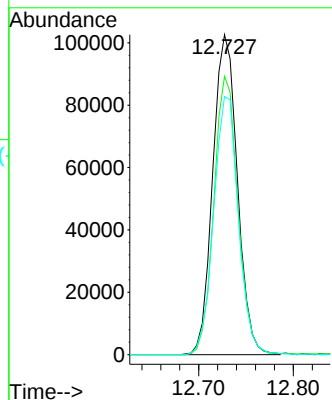
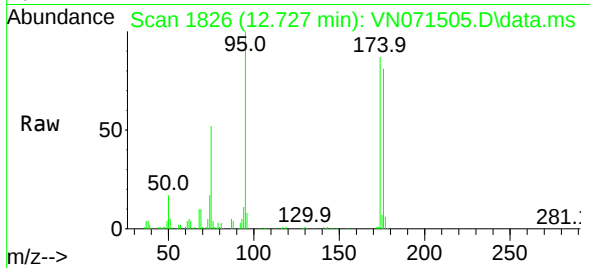




#60
4-Bromofluorobenzene
Concen: 23.123 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071505.D
Acq: 23 Mar 2022 15:37

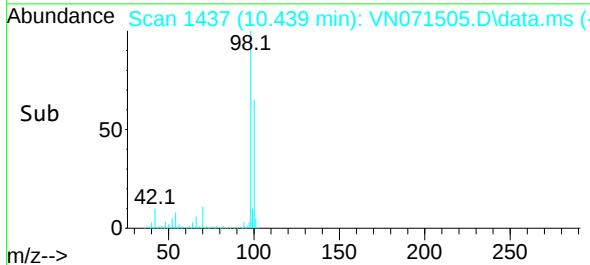
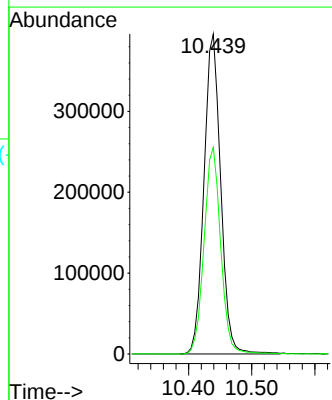
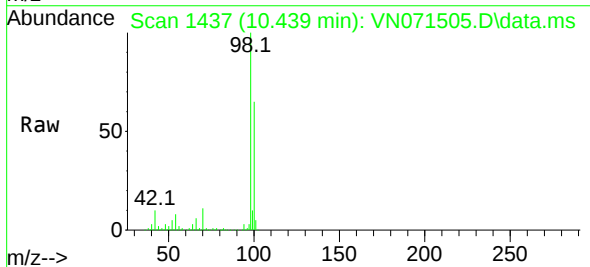
Instrument :
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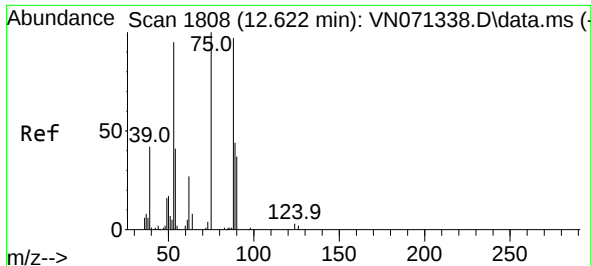
Tgt Ion: 95 Resp: 185283
Ion Ratio Lower Upper
95 100
174 84.9 62.9 94.3
176 81.0 61.0 91.4



#63
Toluene-d8
Concen: 30.514 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071505.D
Acq: 23 Mar 2022 15:37

Tgt Ion: 98 Resp: 728045
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0

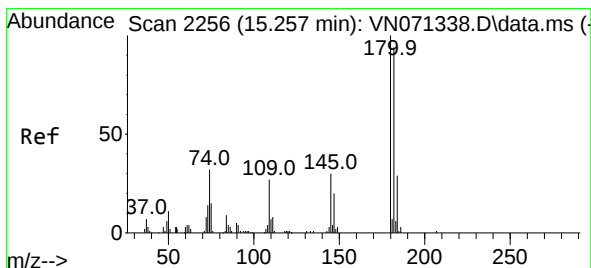
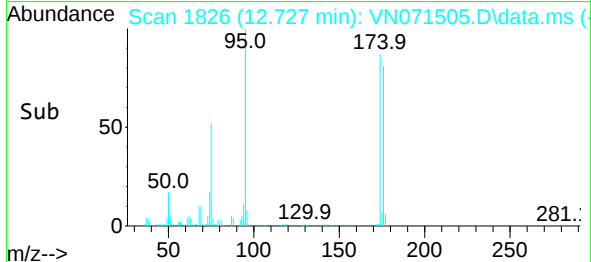
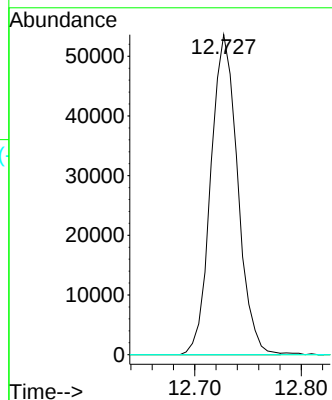
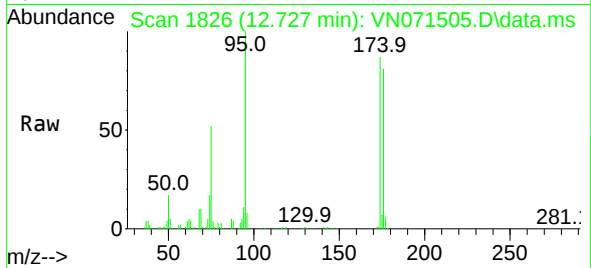




#77
t-1,4-Dichloro-2-butene
Concen: 28.732 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071505.D
Acq: 23 Mar 2022 15:37

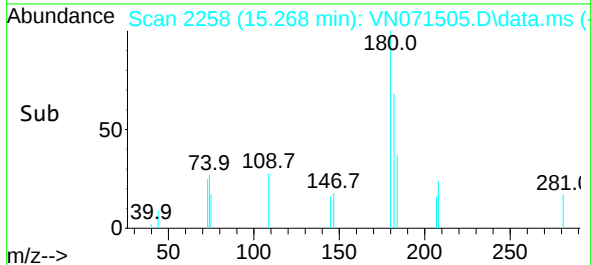
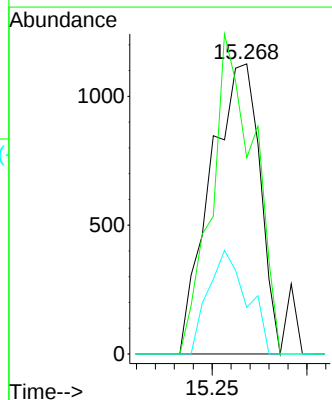
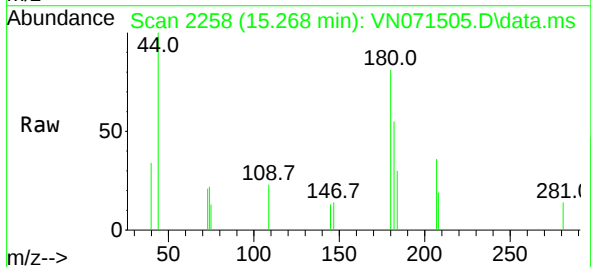
Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

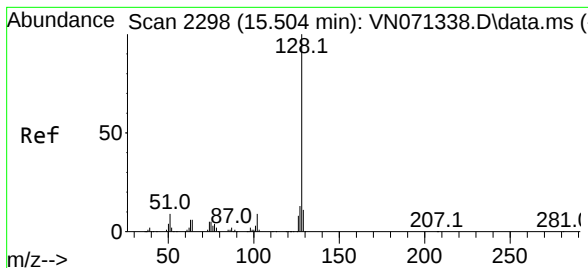
Tgt Ion: 75 Resp: 93787
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#



#89
1,2,4-Trichlorobenzene
Concen: 0.380 ug/l
RT: 15.268 min Scan# 2258
Delta R.T. 0.012 min
Lab File: VN071505.D
Acq: 23 Mar 2022 15:37

Tgt Ion:180 Resp: 2042
Ion Ratio Lower Upper
180 100
182 95.0 77.7 116.5
145 28.0 26.6 39.8





#91

Naphthalene

Concen: 0.430 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071505.D

Acq: 23 Mar 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

VN0323WBL01

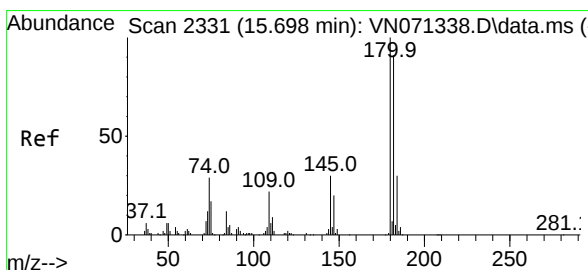
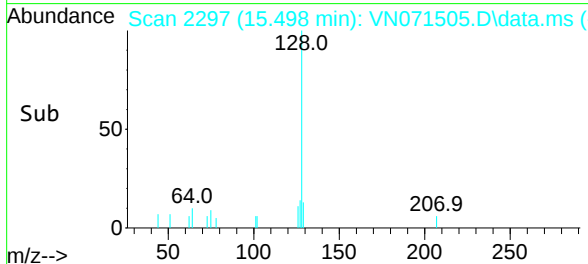
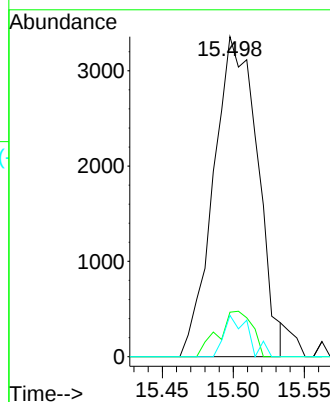
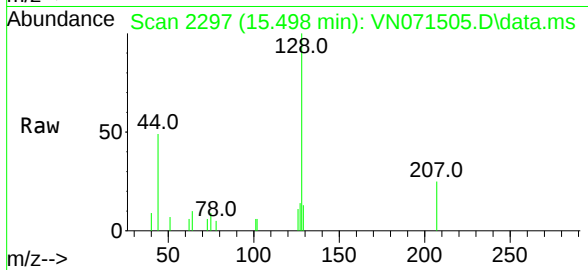
Tgt Ion:128 Resp: 7230

Ion Ratio Lower Upper

128 100

127 8.0 10.7 16.1#

129 6.2 9.0 13.6#



#92

1,2,3-Trichlorobenzene

Concen: 0.394 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. -0.006 min

Lab File: VN071505.D

Acq: 23 Mar 2022 15:37

Tgt Ion:180 Resp: 2169

Ion Ratio Lower Upper

180 100

182 72.2 0.0 190.0

145 19.9 0.0 67.8

