

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072679.D
 Acq On : 07 Jun 2022 11:18
 Operator : JC\MD
 Sample : VN0607WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBL01

Quant Time: Jun 08 09:50:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

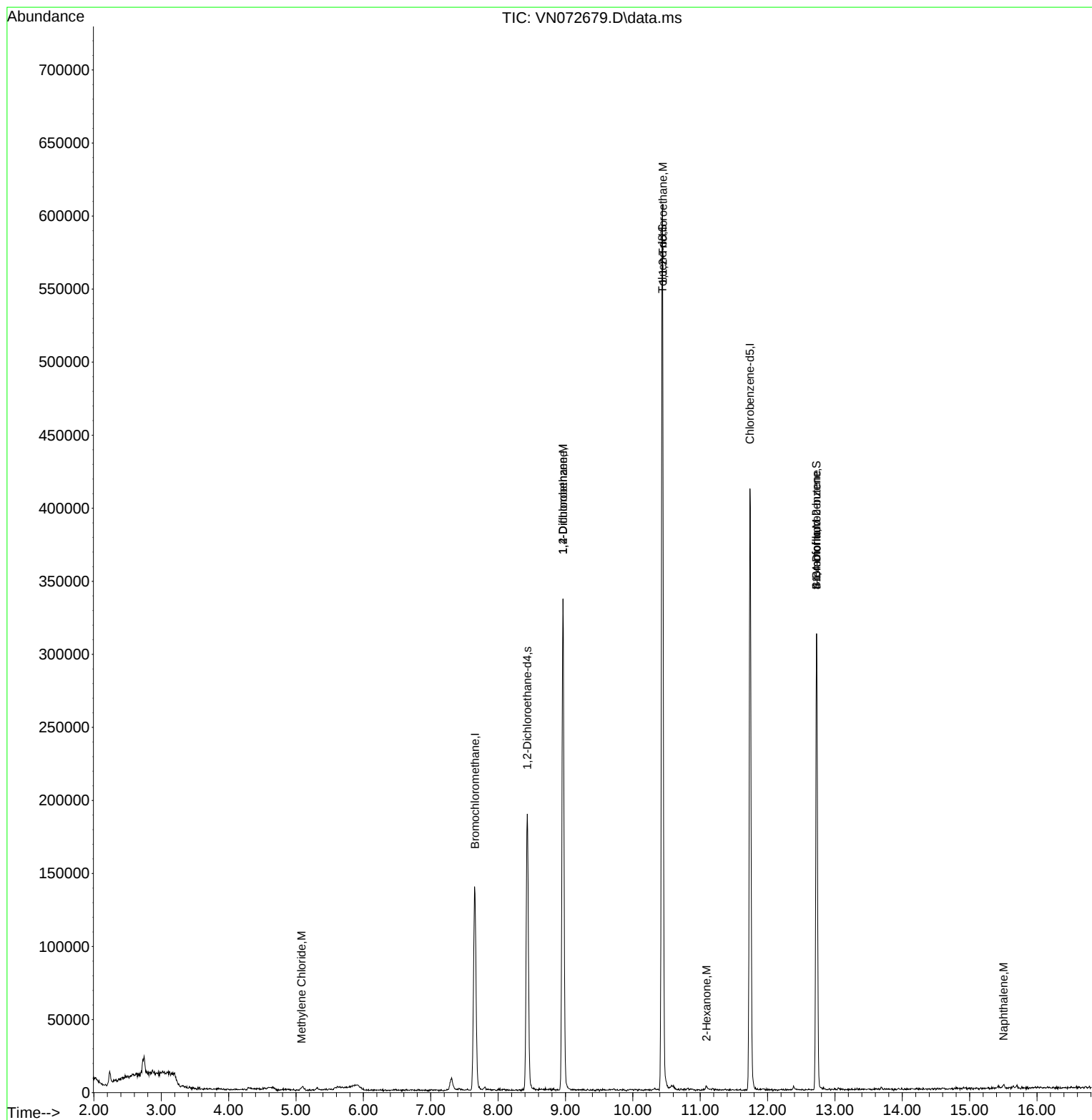
Internal Standards						
1) Bromochloromethane	7.657	128	45211	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	280117	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	220827	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	160806	31.187	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.967%
60) 4-Bromofluorobenzene	12.727	95	112918	24.861	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.867%
63) Toluene-d8	10.439	98	407332	33.298	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	111.000%
Target Compounds						
					Qvalue	
18) Methylene Chloride	5.081	84	1008	0.269	ug/l #	85
36) 1,2-Dichloroethane	8.963	62	11590	1.737	ug/l #	77
50) 1,1,2-Trichloroethane	10.445	97	12590	2.989	ug/l #	1
56) Bromoform	12.727	173	827	0.255	ug/l #	1
59) 2-Hexanone	11.092	43	2001	0.398	ug/l #	87
77) t-1,4-Dichloro-2-butene	12.727	75	64359	30.925	ug/l #	8
91) Naphthalene	15.503	128	3373	0.285	ug/l #	90

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

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VN0607WBL01

Quant Time: Jun 08 09:50:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
Response via : Initial Calibration

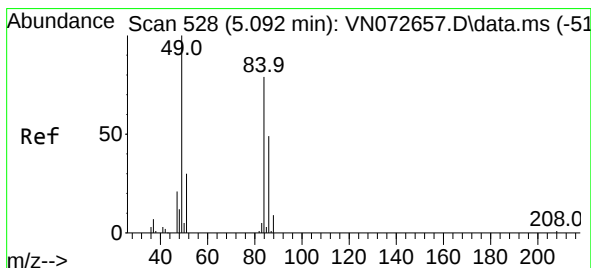
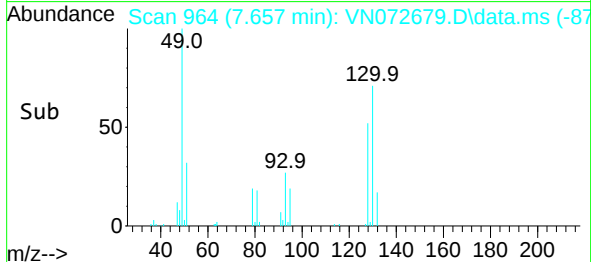
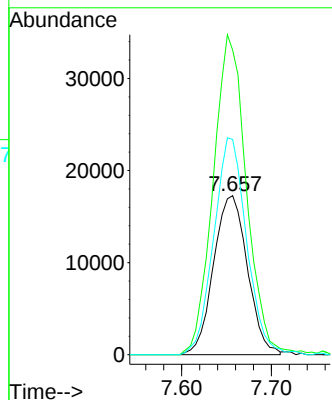
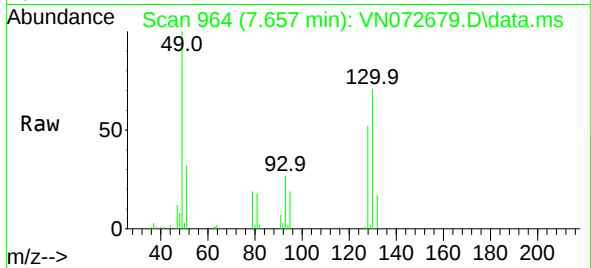




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

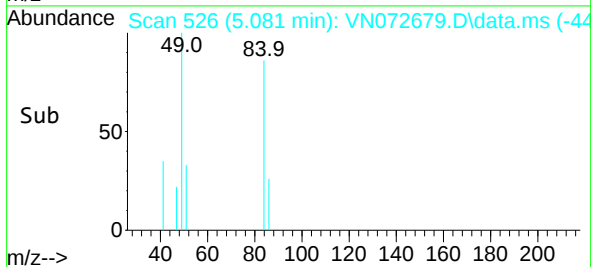
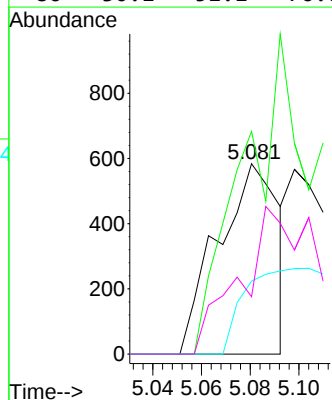
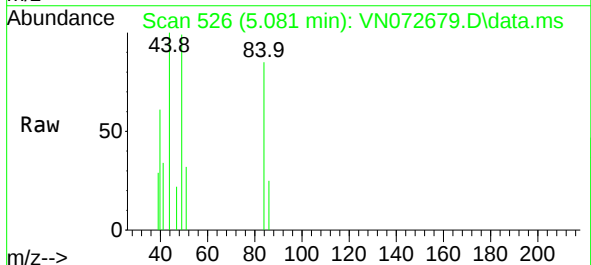
Instrument :
MSVOA_N
ClientSampleId :
VN0607WBL01

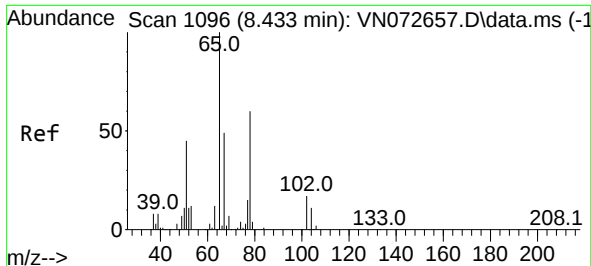
Tgt Ion:128 Resp: 45211
Ion Ratio Lower Upper
128 100
49 197.9 0.0 392.3
130 132.3 0.0 320.2



#18
Methylene Chloride
Concen: 0.269 ug/l
RT: 5.081 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

Tgt Ion: 84 Resp: 1008
Ion Ratio Lower Upper
84 100
49 117.0 91.4 137.0
51 38.4 29.4 44.0
86 30.1 51.1 76.7#

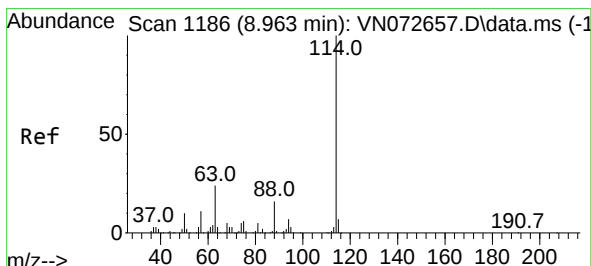
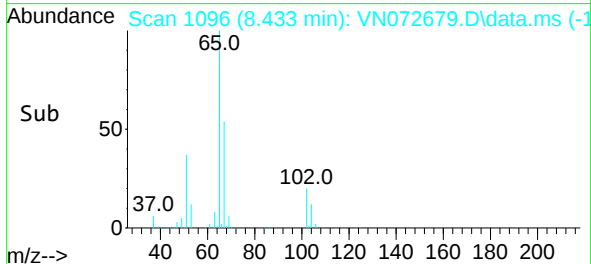
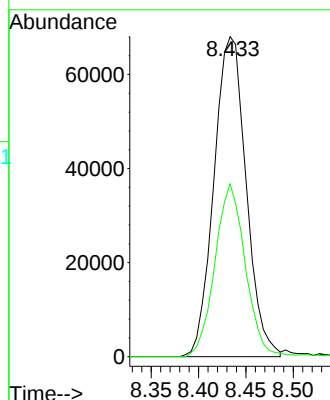
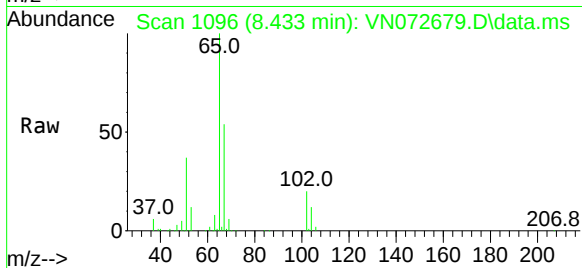




#27
1,2-Dichloroethane-d4
Concen: 31.187 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

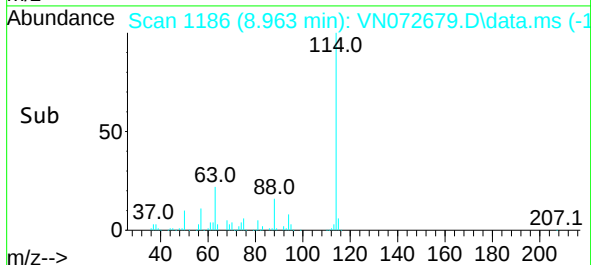
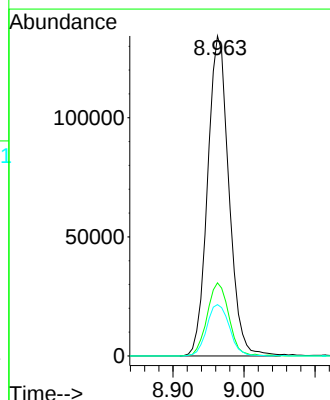
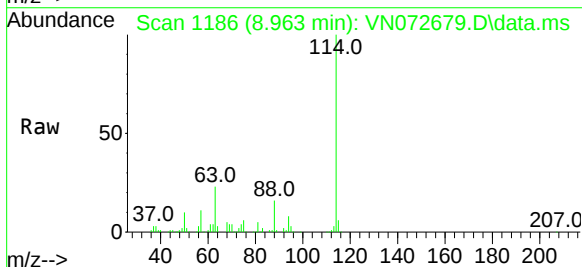
Instrument :
MSVOA_N
ClientSampleId :
VN0607WBL01

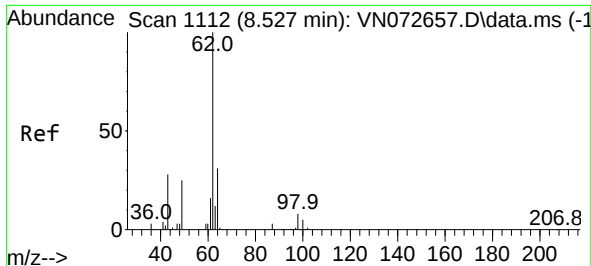
Tgt Ion: 65 Resp: 160806
Ion Ratio Lower Upper
65 100
67 50.9 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

Tgt Ion: 114 Resp: 280117
Ion Ratio Lower Upper
114 100
63 23.2 15.8 23.6
88 17.0 11.6 17.4





#36

1,2-Dichloroethane

Concen: 1.737 ug/l

RT: 8.963 min Scan# 1112

Delta R.T. 0.435 min

Lab File: VN072679.D

Acq: 07 Jun 2022 11:18

Instrument :

MSVOA_N

ClientSampleId :

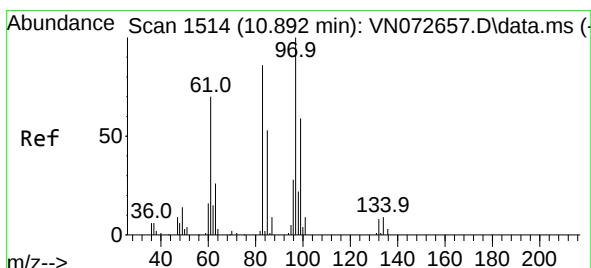
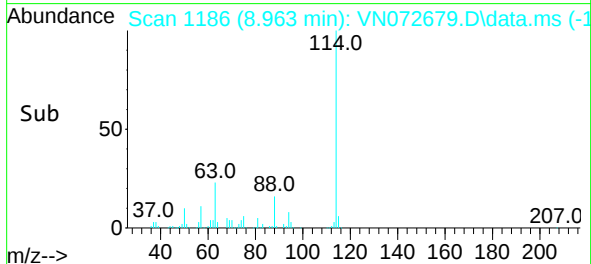
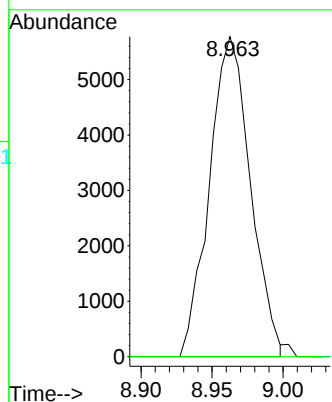
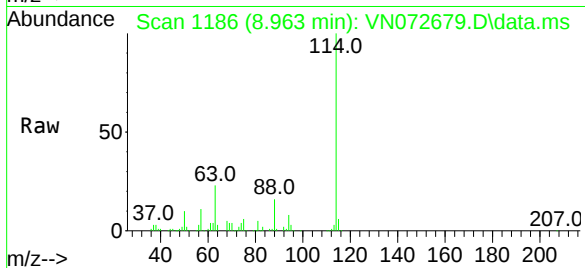
VN0607WBL01

Tgt Ion: 62 Resp: 11590

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



#50

1,1,2-Trichloroethane

Concen: 2.989 ug/l

RT: 10.445 min Scan# 1438

Delta R.T. -0.447 min

Lab File: VN072679.D

Acq: 07 Jun 2022 11:18

Tgt Ion: 97 Resp: 12590

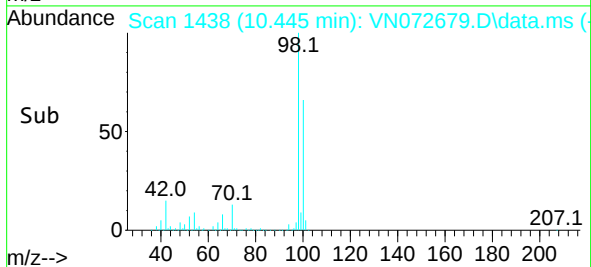
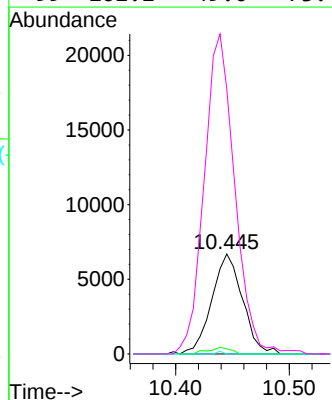
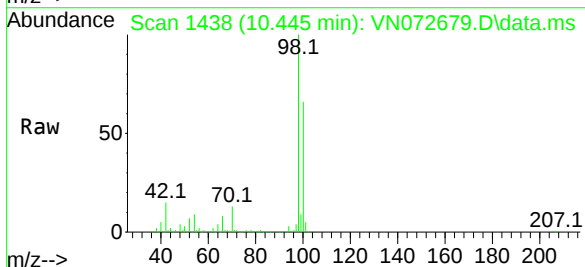
Ion Ratio Lower Upper

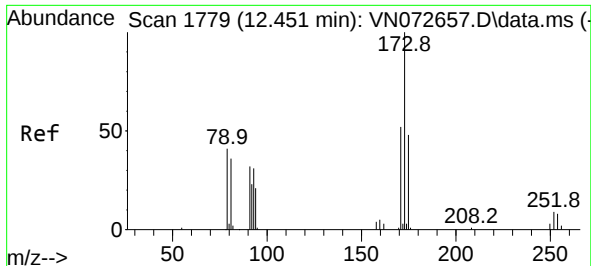
97 100

83 5.2 67.2 100.8#

85 0.0 43.0 64.4#

99 262.2 49.0 73.4#

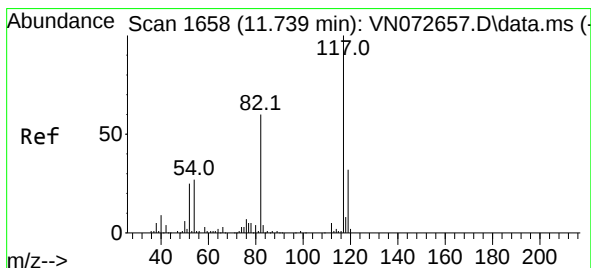
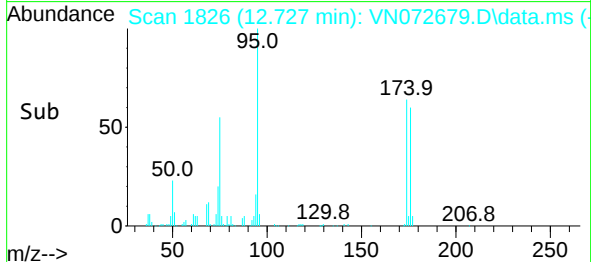
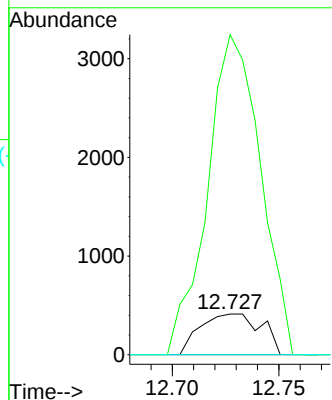
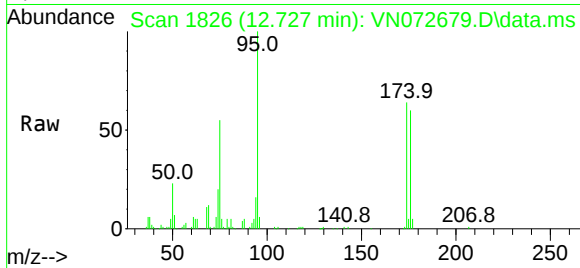




#56
Bromoform
Concen: 0.255 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.276 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

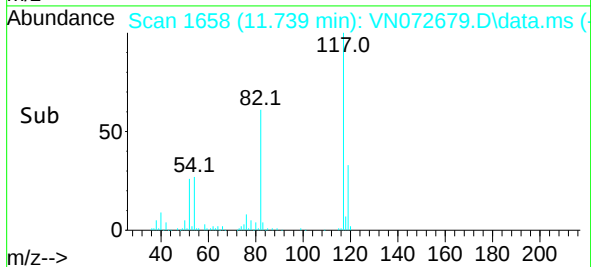
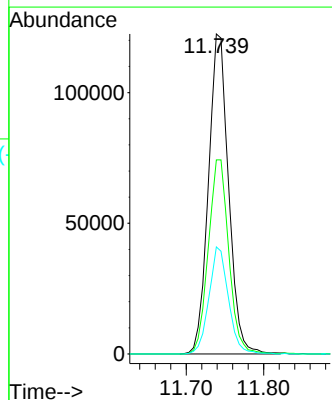
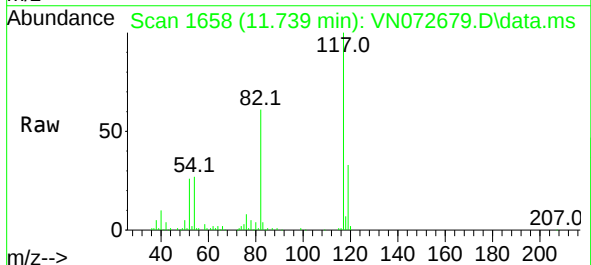
Instrument :
MSVOA_N
ClientSampleId :
VN0607WBL01

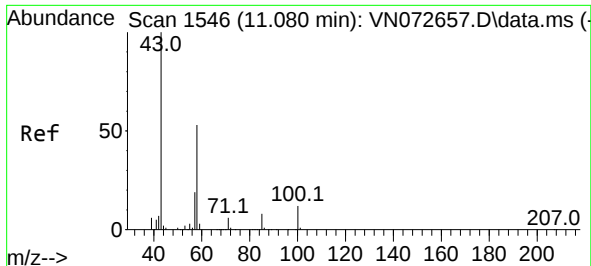
Tgt Ion:173 Resp: 827
Ion Ratio Lower Upper
173 100
175 681.6 38.6 58.0#
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

Tgt Ion:117 Resp: 220827
Ion Ratio Lower Upper
117 100
82 61.7 43.6 65.4
119 32.3 25.8 38.6

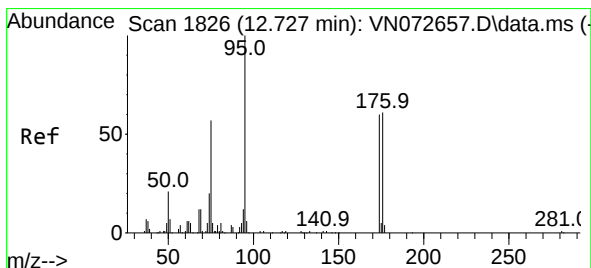
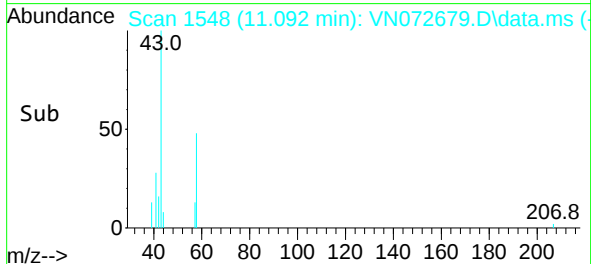
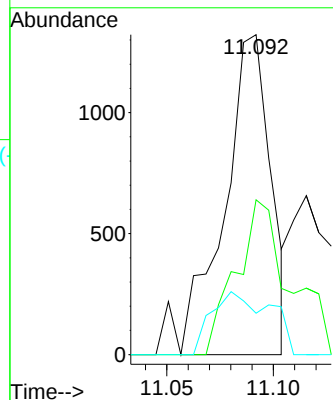
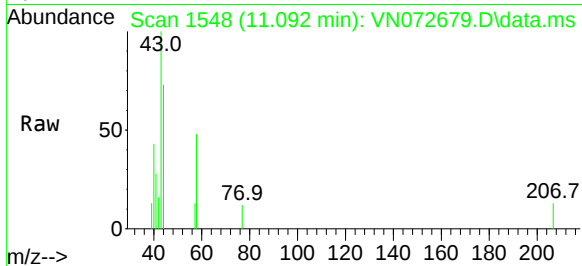




#59
2-Hexanone
Concen: 0.398 ug/l
RT: 11.092 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

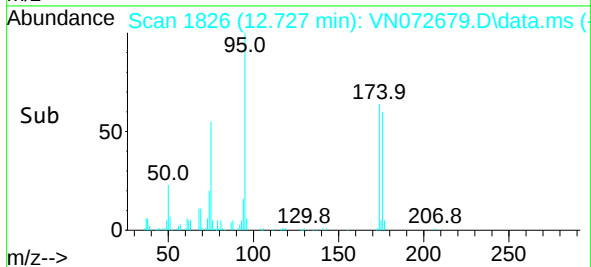
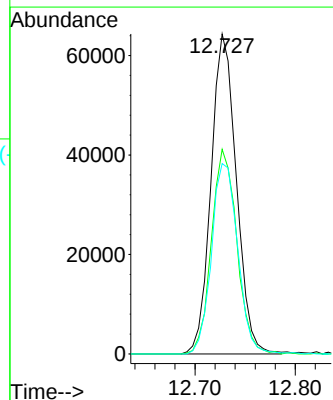
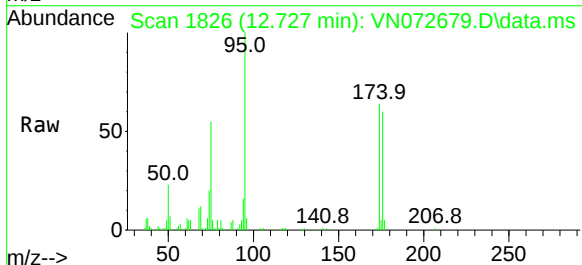
Instrument :
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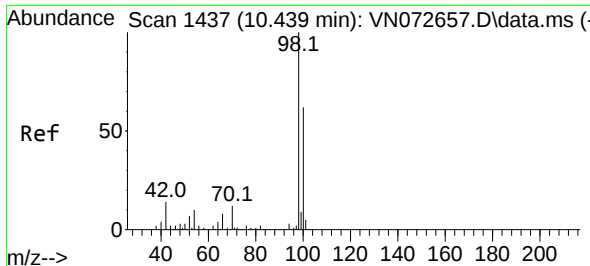
Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
58 46.6 42.2 63.2
57 7.1 15.0 22.4#



#60
4-Bromofluorobenzene
Concen: 24.861 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

Tgt Ion: 95 Resp: 112918
Ion Ratio Lower Upper
95 100
174 64.1 62.9 94.3
176 61.7 61.0 91.4

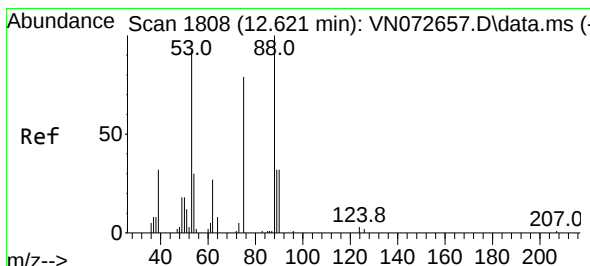
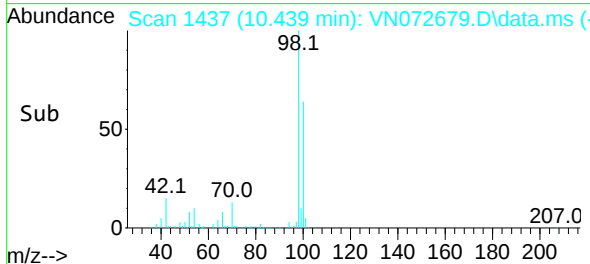
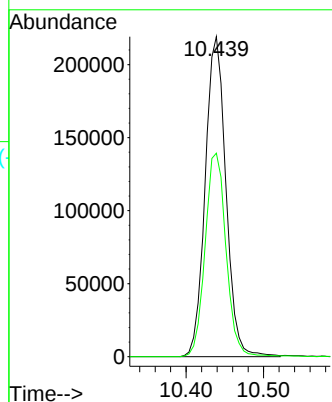
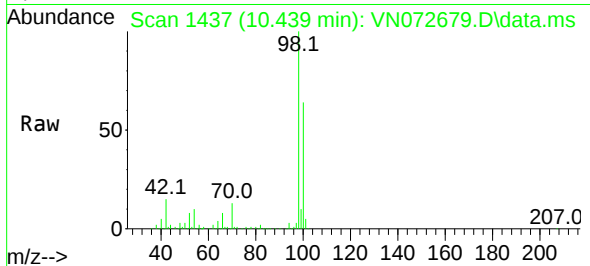




#63
Toluene-d8
Concen: 33.298 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

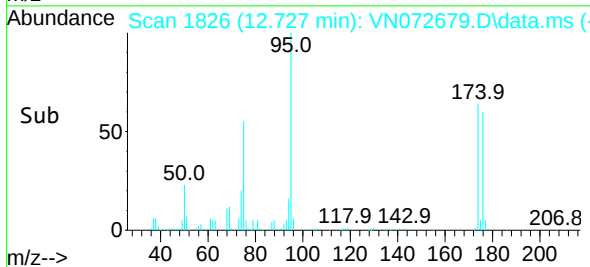
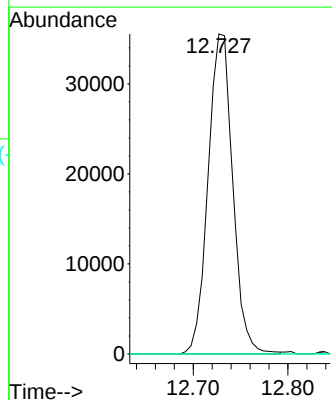
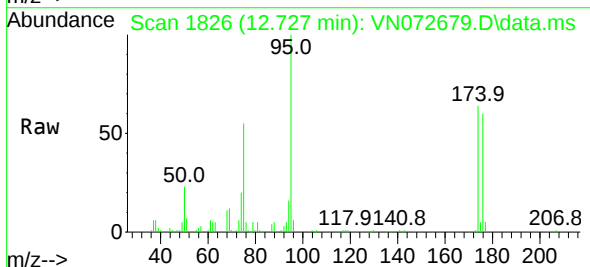
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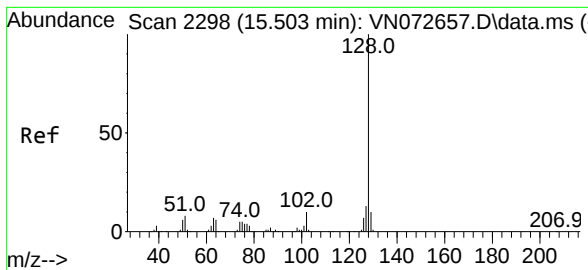
Tgt Ion: 98 Resp: 407332
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0



#77
t-1,4-Dichloro-2-butene
Concen: 30.925 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

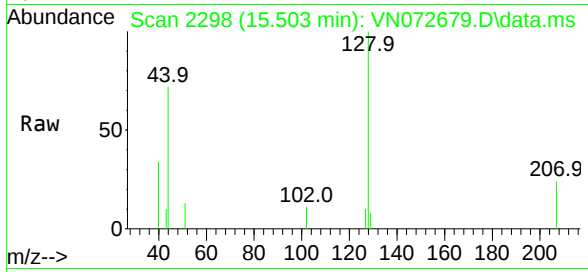
Tgt Ion: 75 Resp: 64359
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#





#91
Naphthalene
Concen: 0.285 ug/l
RT: 15.503 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072679.D
Acq: 07 Jun 2022 11:18

Instrument :
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ClientSampleId :
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Tgt Ion:	128	Resp:	3373
Ion	Ratio	Lower	Upper
128	100		
127	9.0	10.7	16.1#
129	8.0	9.0	13.6#

