

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
 Data File : VN072785.D
 Acq On : 11 Jun 2022 13:16
 Operator : JC\MD
 Sample : N3309-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 13 01:19:21 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)

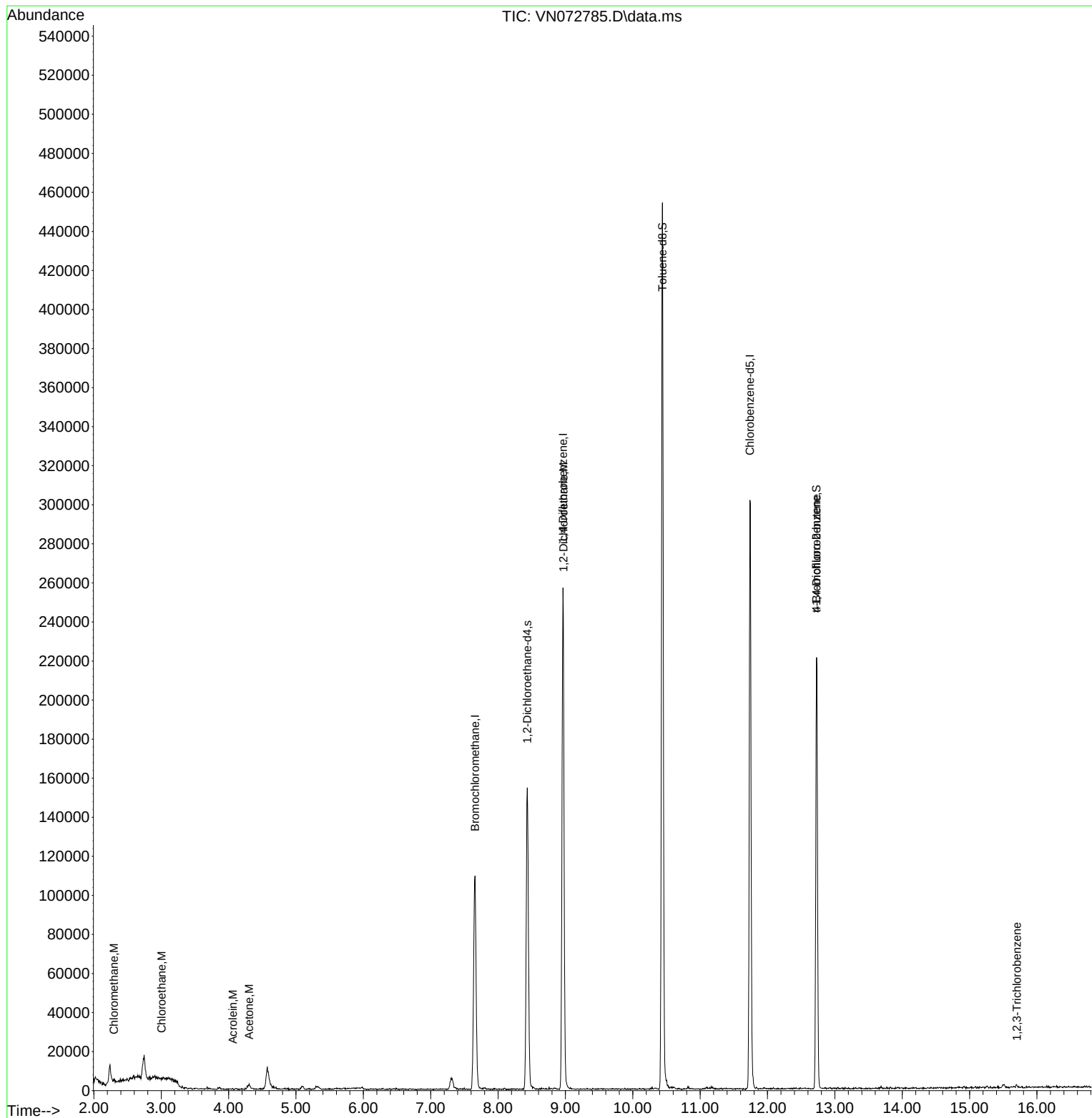
Internal Standards						
1) Bromochloromethane	7.657	128	34125	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	208066	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.739	117	162182	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	132021	33.922	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	113.067%#
60) 4-Bromofluorobenzene	12.727	95	78124	23.420	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.067%
63) Toluene-d8	10.439	98	296198	32.969	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	109.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	656	0.236	ug/l #	40
6) Chloroethane	3.004	64	393	0.235	ug/l #	44
13) Acrolein	4.063	56	129	0.317	ug/l #	14
15) Acetone	4.304	58	214	0.417	ug/l	83
36) 1,2-Dichloroethane	8.969	62	8992	1.814	ug/l #	77
77) t-1,4-Dichloro-2-butene	12.727	75	46449	30.390	ug/l #	8
92) 1,2,3-Trichlorobenzene	15.704	180	539	0.243	ug/l #	41

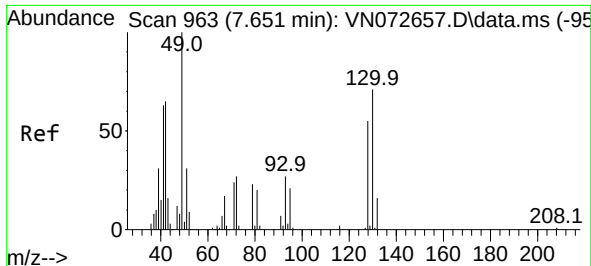
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 13 01:19:21 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

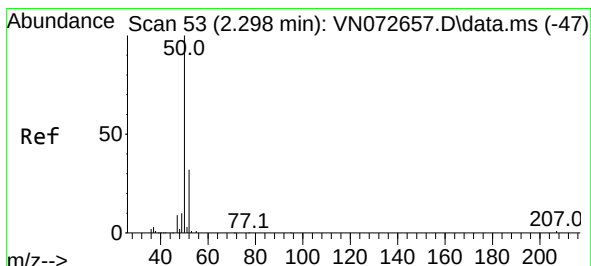
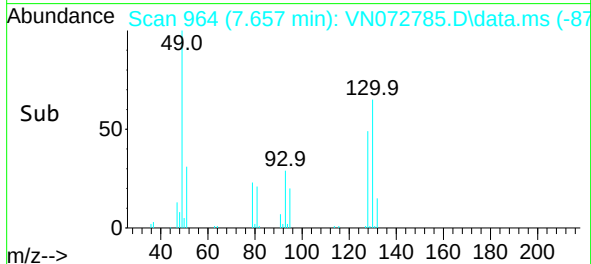
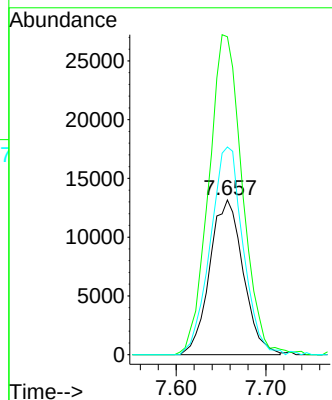
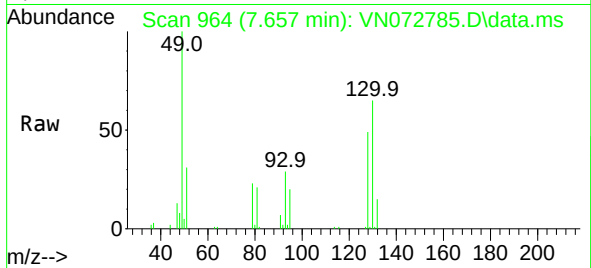




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN072785.D
Acq: 11 Jun 2022 13:16

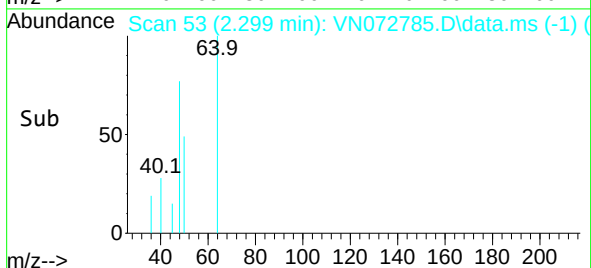
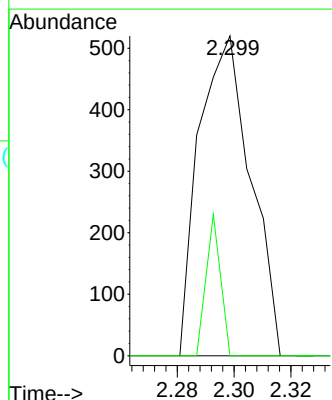
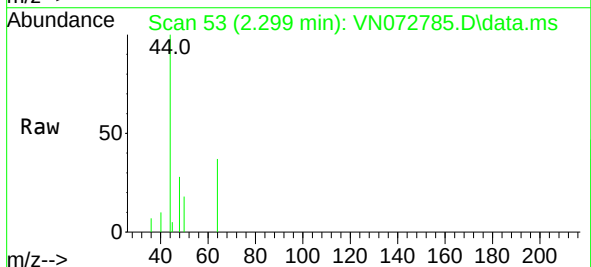
Instrument :
MSVOA_N
ClientSampleId :

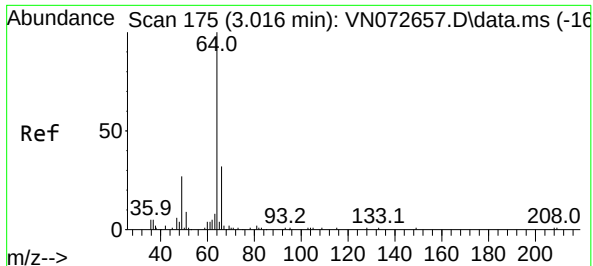
Tgt Ion:128 Resp: 34125
Ion Ratio Lower Upper
128 100
49 205.1 0.0 392.3
130 131.0 0.0 320.2



#3
Chloromethane
Concen: 0.236 ug/l
RT: 2.299 min Scan# 53
Delta R.T. 0.000 min
Lab File: VN072785.D
Acq: 11 Jun 2022 13:16

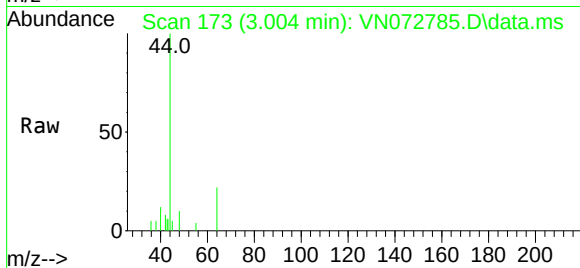
Tgt Ion: 50 Resp: 656
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.6#



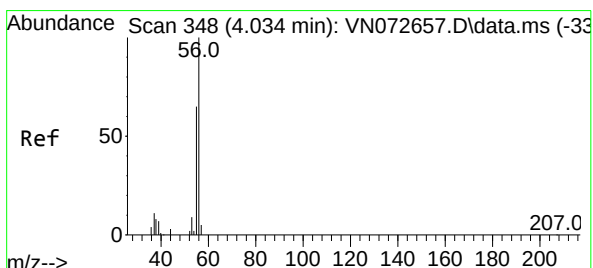
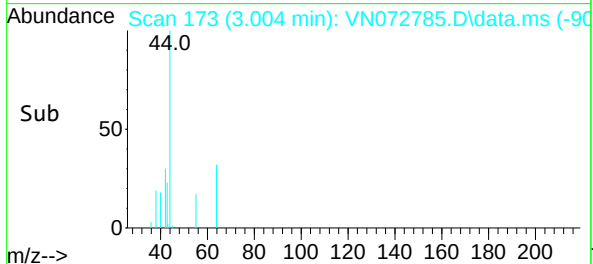
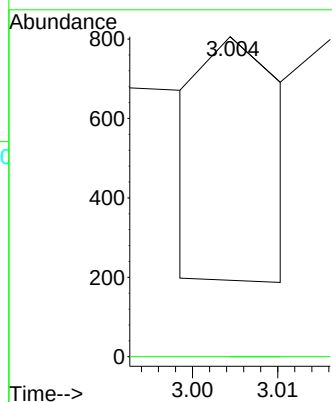


#6
Chloroethane
Concen: 0.235 ug/l
RT: 3.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN072785.D
Acq: 11 Jun 2022 13:16

Instrument :
MSVOA_N
ClientSampleId :

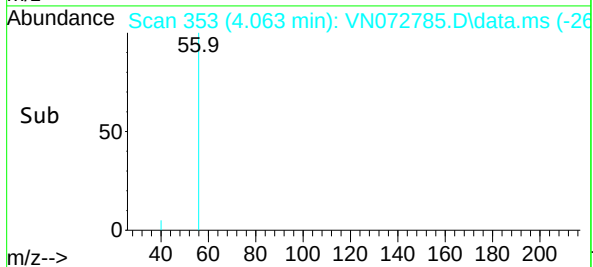
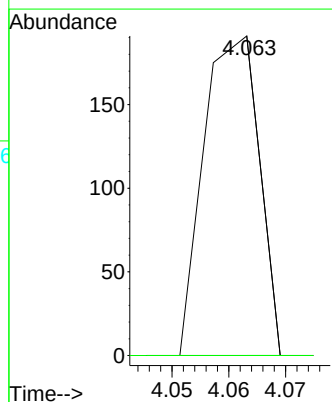
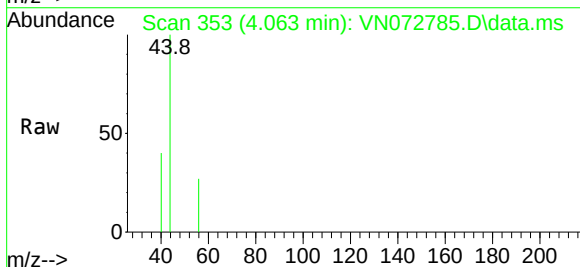


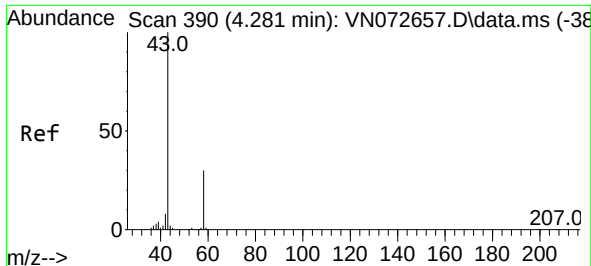
Tgt Ion: 64 Resp: 393
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



#13
Acrolein
Concen: 0.317 ug/l
RT: 4.063 min Scan# 353
Delta R.T. 0.030 min
Lab File: VN072785.D
Acq: 11 Jun 2022 13:16

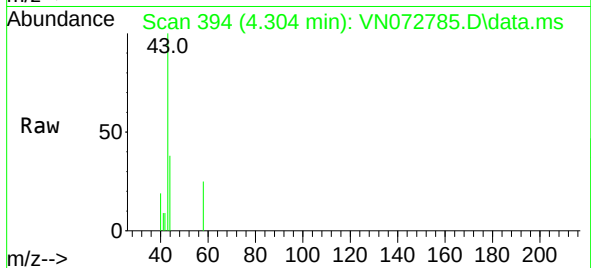
Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



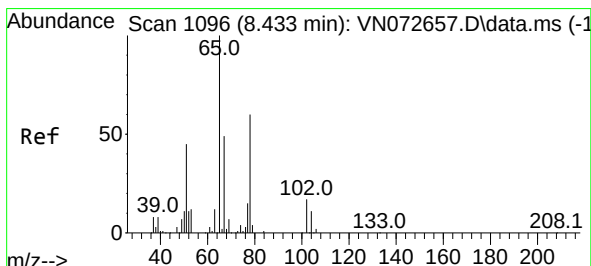
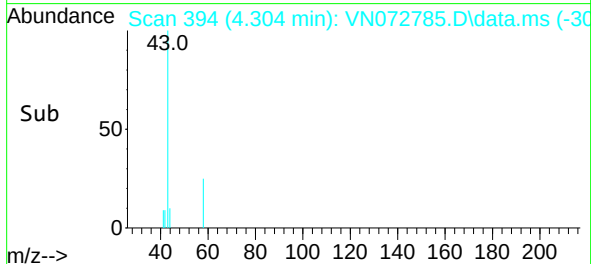
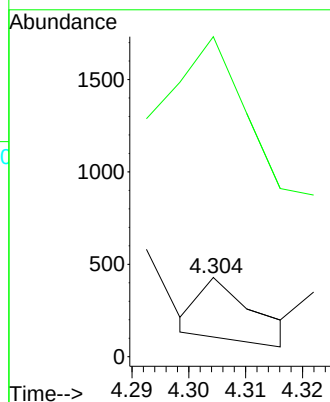


#15
Acetone
Concen: 0.417 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.024 min
Lab File: VN072785.D
Acq: 11 Jun 2022 13:16

Instrument :
MSVOA_N
ClientSampleId :

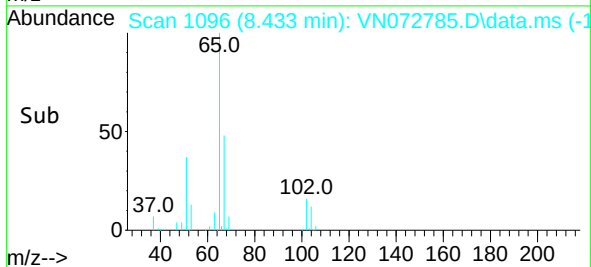
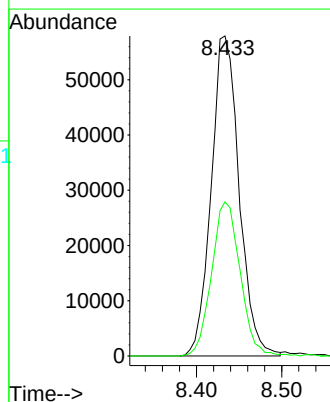
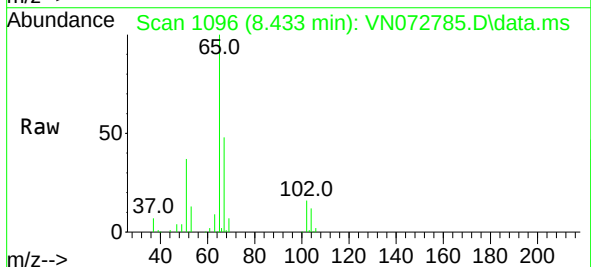


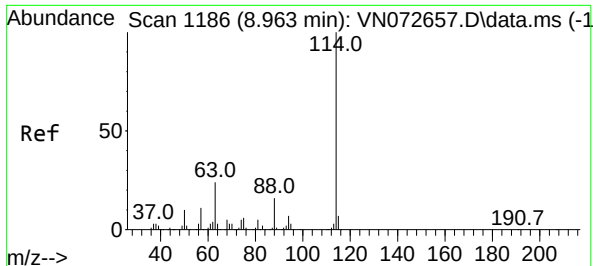
Tgt Ion: 58 Resp: 214
Ion Ratio Lower Upper
58 100
43 355.8 256.6 384.8



#27
1,2-Dichloroethane-d4
Concen: 33.922 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072785.D
Acq: 11 Jun 2022 13:16

Tgt Ion: 65 Resp: 132021
Ion Ratio Lower Upper
65 100
67 49.1 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: VN072785.D

Acq: 11 Jun 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

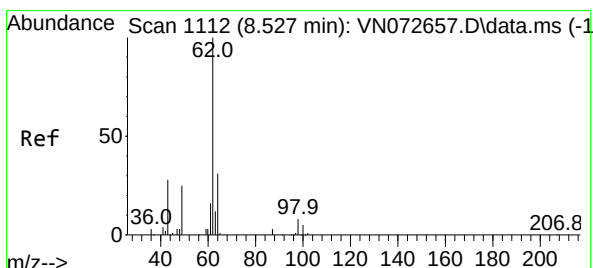
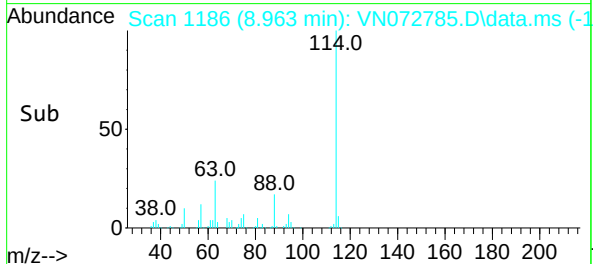
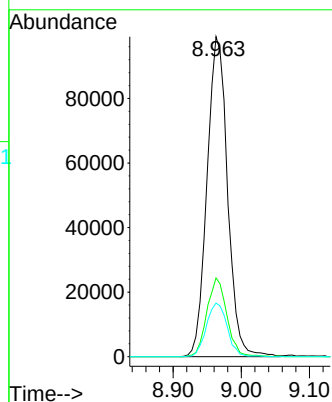
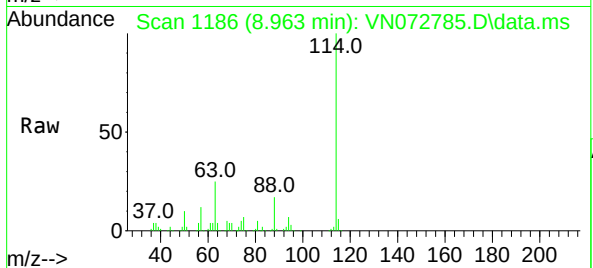
Tgt Ion:114 Resp: 208066

Ion Ratio Lower Upper

114 100

63 23.9 15.8 23.6#

88 16.9 11.6 17.4



#36

1,2-Dichloroethane

Concen: 1.814 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.441 min

Lab File: VN072785.D

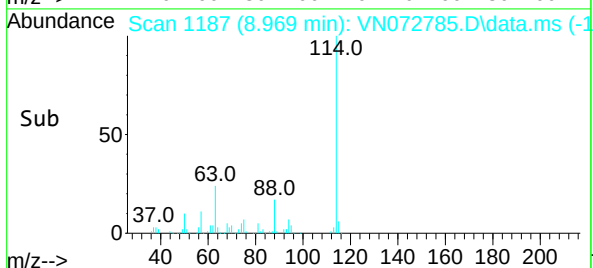
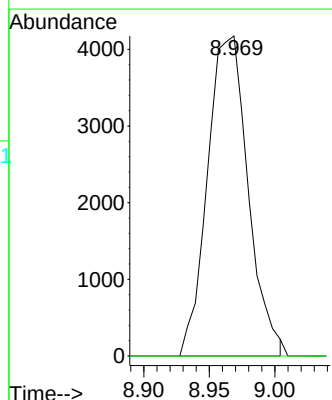
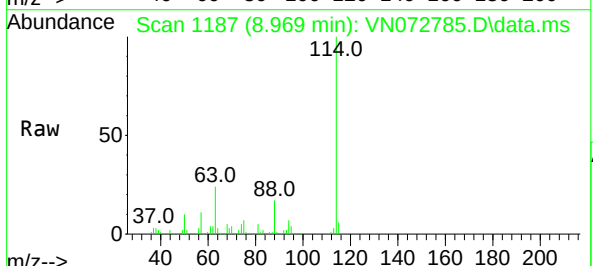
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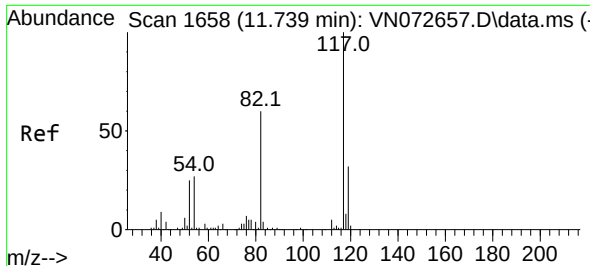
Tgt Ion: 62 Resp: 8992

Ion Ratio Lower Upper

62 100

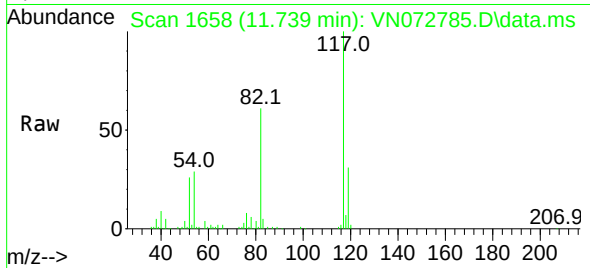
98 0.0 6.6 10.0#



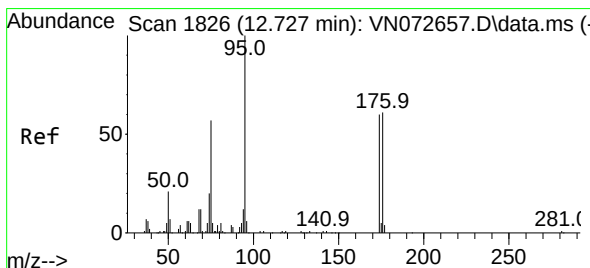
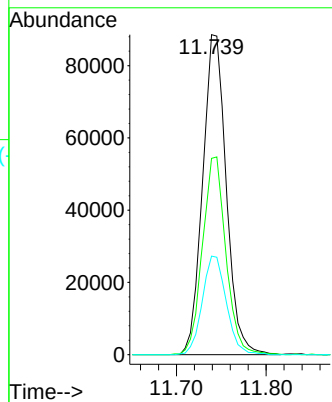
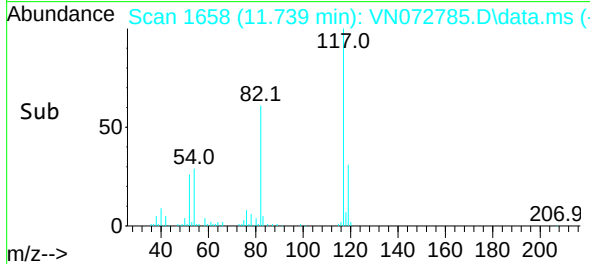


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072785.D
Acq: 11 Jun 2022 13:16

Instrument :
MSVOA_N
ClientSampleId :

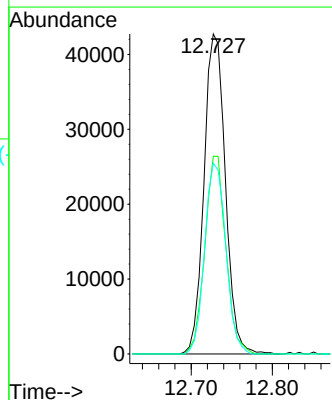
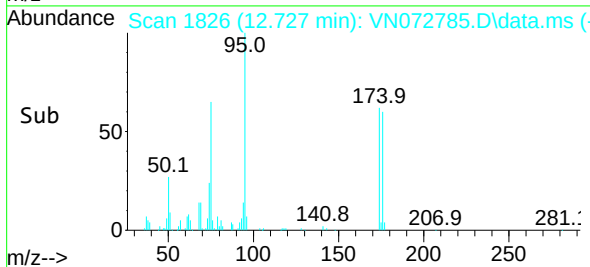
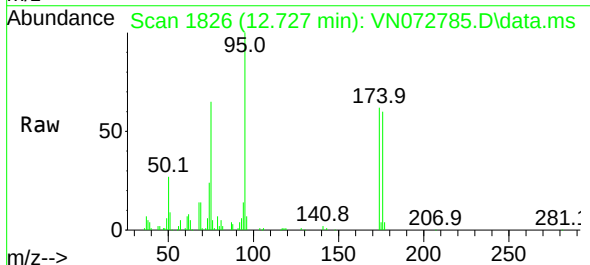


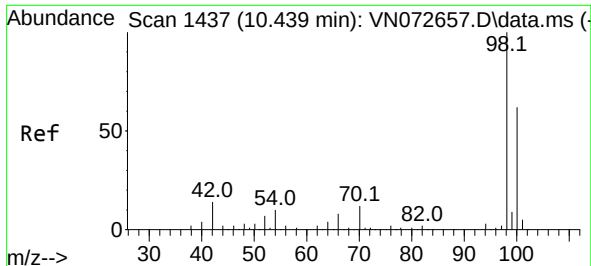
Tgt Ion:117 Resp: 162182
Ion Ratio Lower Upper
117 100
82 61.4 43.6 65.4
119 31.3 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 23.420 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072785.D
Acq: 11 Jun 2022 13:16

Tgt Ion: 95 Resp: 78124
Ion Ratio Lower Upper
95 100
174 60.8 62.9 94.3#
176 59.1 61.0 91.4#

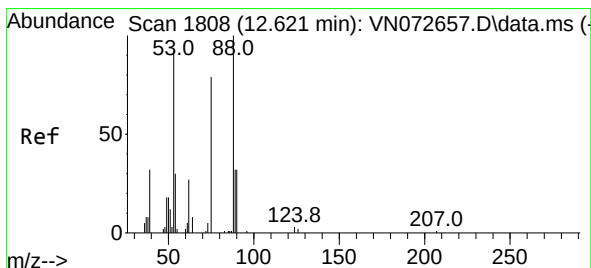
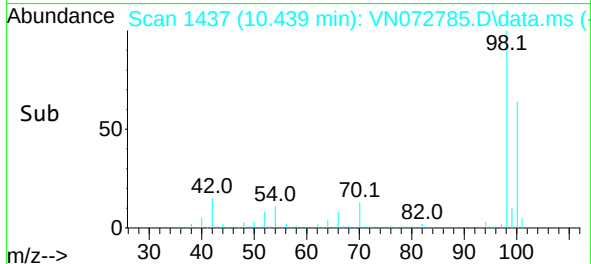
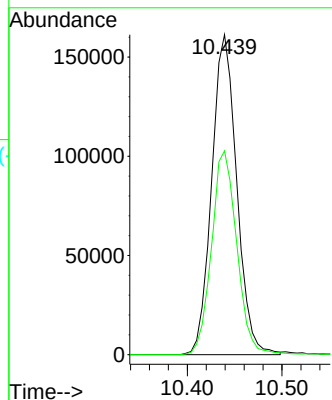
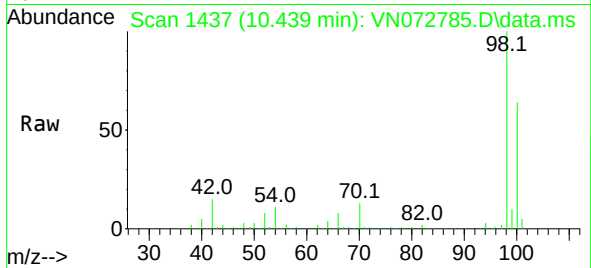




#63
Toluene-d8
Concen: 32.969 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072785.D
Acq: 11 Jun 2022 13:16

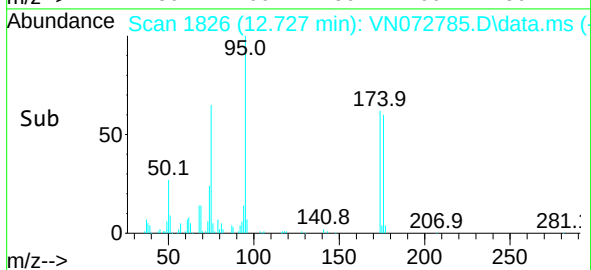
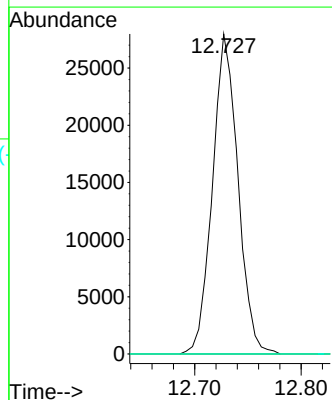
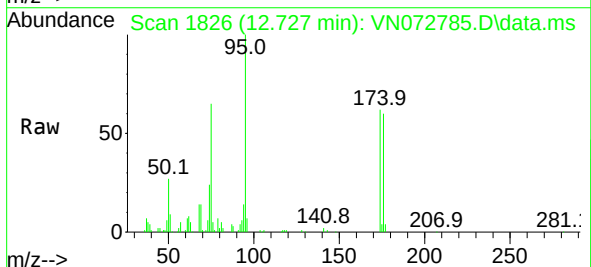
Instrument :
MSVOA_N
ClientSampleId :

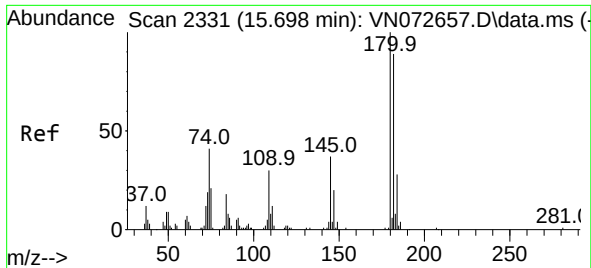
Tgt Ion: 98 Resp: 296198
Ion Ratio Lower Upper
98 100
100 64.3 50.6 76.0



#77
t-1,4-Dichloro-2-butene
Concen: 30.390 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072785.D
Acq: 11 Jun 2022 13:16

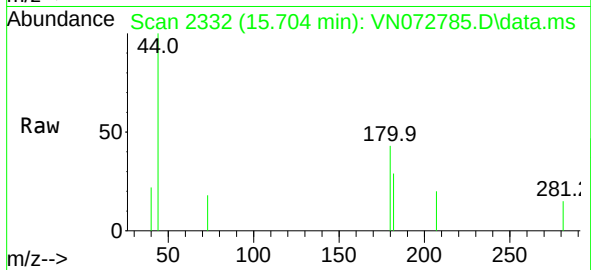
Tgt Ion: 75 Resp: 46449
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#





#92
 1,2,3-Trichlorobenzene
 Concen: 0.243 ug/l
 RT: 15.704 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072785.D
 Acq: 11 Jun 2022 13:16

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	539
Ion	Ratio	Lower	Upper
180	100		
182	37.5	0.0	190.0
145	0.0	0.0	67.8

