

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
 Data File : VN072793.D
 Acq On : 11 Jun 2022 17:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 13 01:20:39 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)

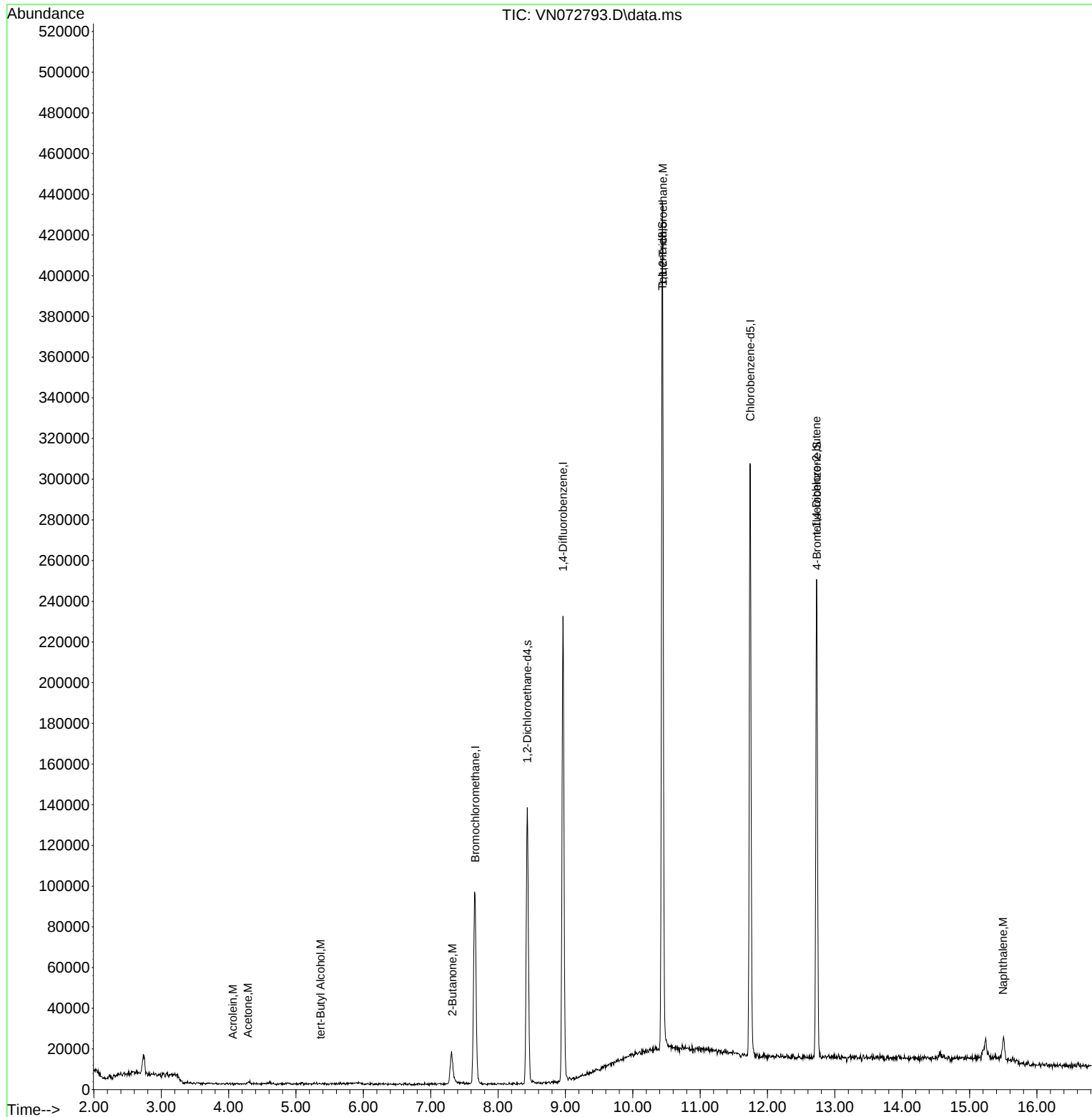
Internal Standards						
1) Bromochloromethane	7.663	128	30765	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	8.963	114	181001	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.745	117	156670	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	113986	32.487	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.300%
60) 4-Bromofluorobenzene	12.733	95	81426	25.269	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.233%
63) Toluene-d8	10.439	98	268532	30.941	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.133%
Target Compounds						
						Qvalue
13) Acrolein	4.063	56	116	0.316	ug/l	# 14
15) Acetone	4.287	58	348	0.752	ug/l	# 1
23) tert-Butyl Alcohol	5.363	59	344	0.432	ug/l	# 100
30) 2-Butanone	7.322	43	682	0.273	ug/l	# 53
50) 1,1,2-Trichloroethane	10.445	97	8225	3.022	ug/l	# 1
77) t-1,4-Dichloro-2-butene	12.727	75	48961	33.160	ug/l	# 8
91) Naphthalene	15.498	128	10817	1.288	ug/l	# 81

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

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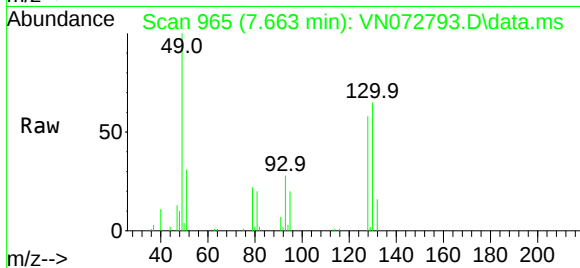
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 14:10:15 2022
Response via : Initial Calibration



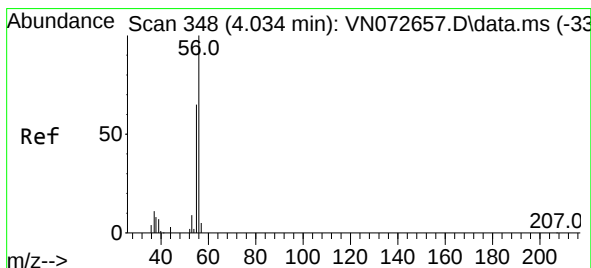
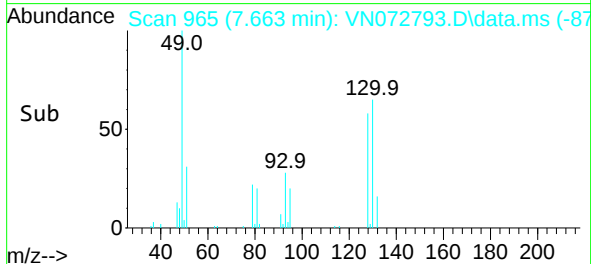
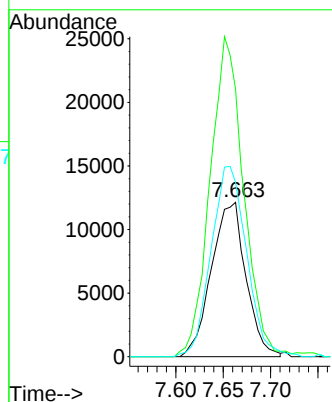


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.663 min Scan# 90
Delta R.T. 0.012 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :

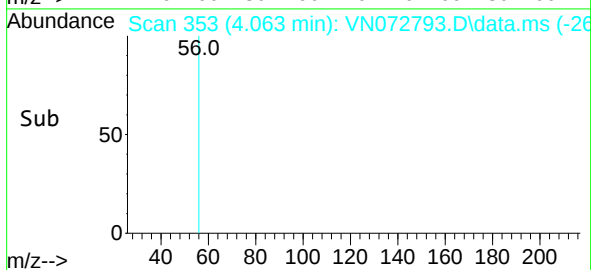
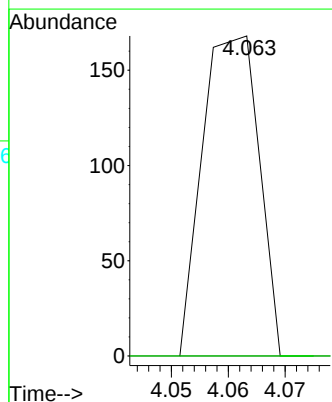
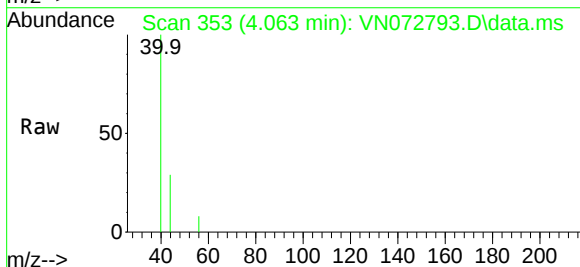


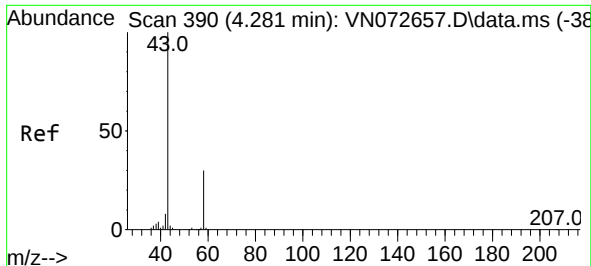
Tgt Ion:128 Resp: 30765
Ion Ratio Lower Upper
128 100
49 200.1 0.0 392.3
130 126.8 0.0 320.2



#13
Acrolein
Concen: 0.316 ug/l
RT: 4.063 min Scan# 353
Delta R.T. 0.030 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

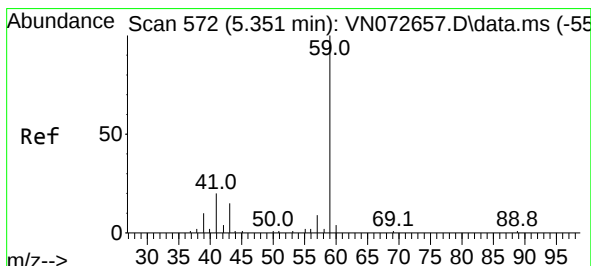
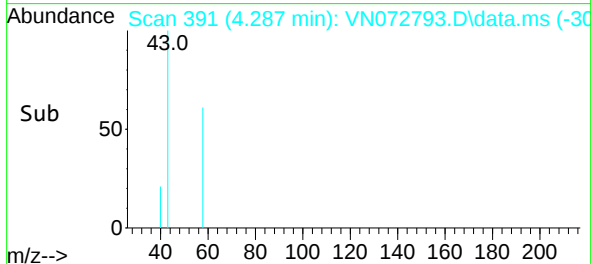
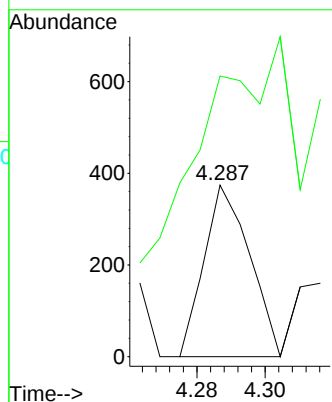
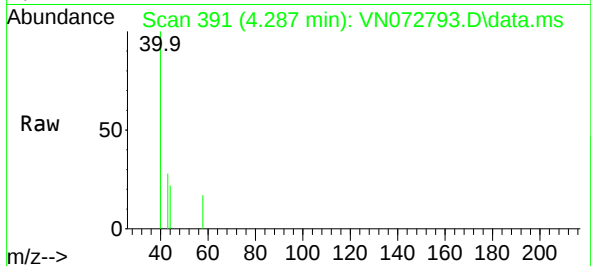




#15
Acetone
Concen: 0.752 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

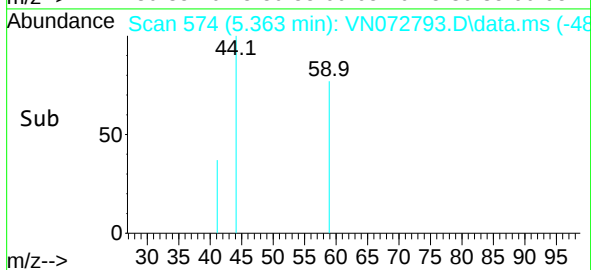
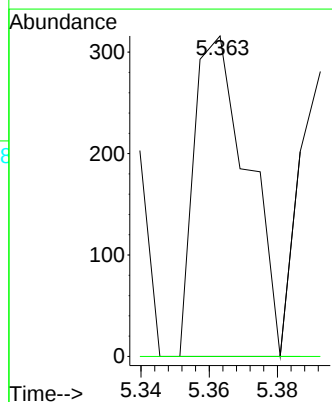
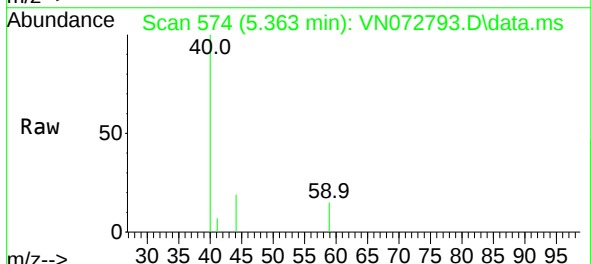
Instrument :
MSVOA_N
ClientSampleId :

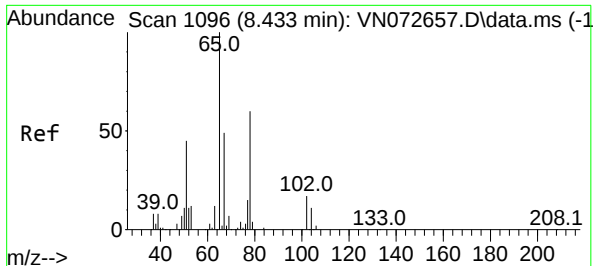
Tgt Ion: 58 Resp: 348
Ion Ratio Lower Upper
58 100
43 62.3 256.6 384.8#



#23
tert-Butyl Alcohol
Concen: 0.432 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.012 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Tgt Ion: 59 Resp: 344
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

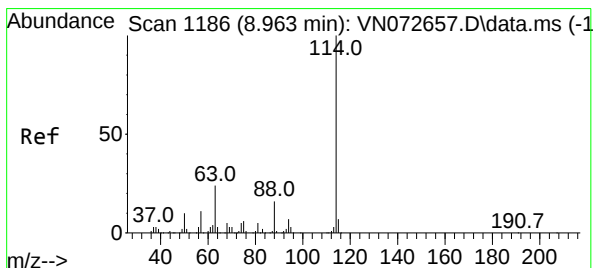
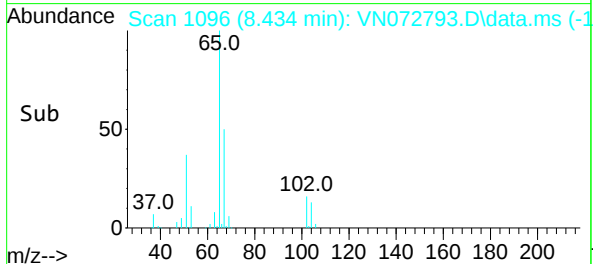
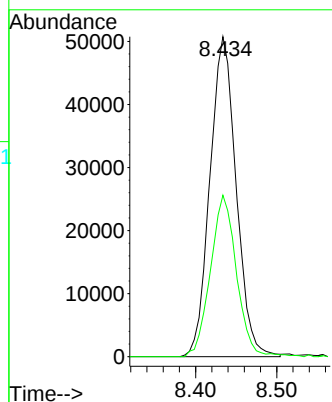
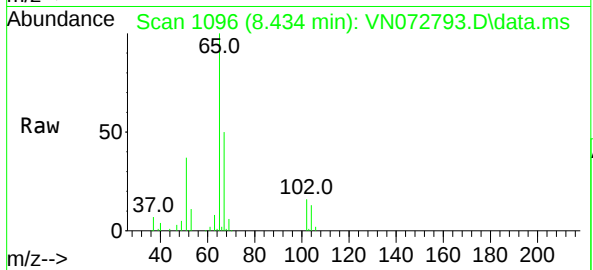




#27
1,2-Dichloroethane-d4
Concen: 32.487 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

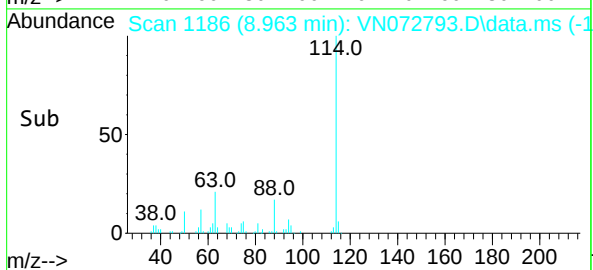
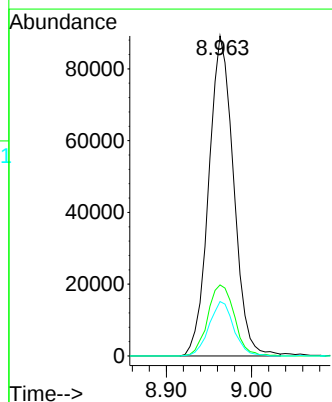
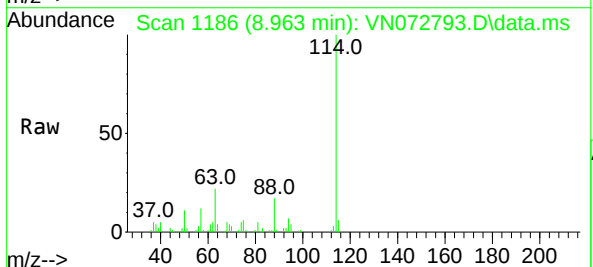
Instrument :
MSVOA_N
ClientSampleId :

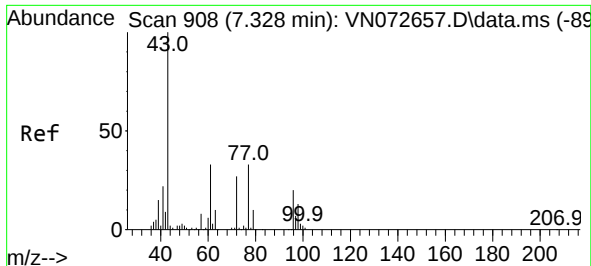
Tgt Ion: 65 Resp: 113986
Ion Ratio Lower Upper
65 100
67 49.4 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

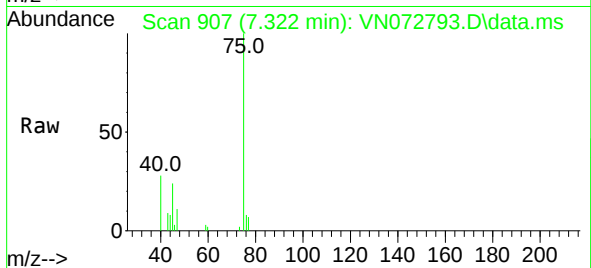
Tgt Ion: 114 Resp: 181001
Ion Ratio Lower Upper
114 100
63 23.8 15.8 23.6#
88 16.9 11.6 17.4



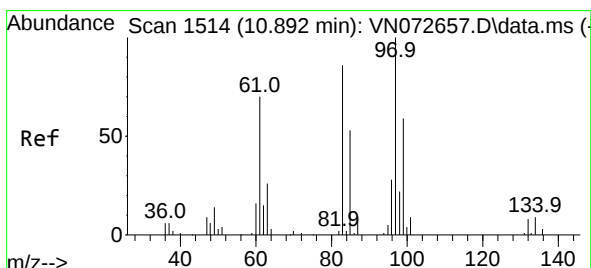
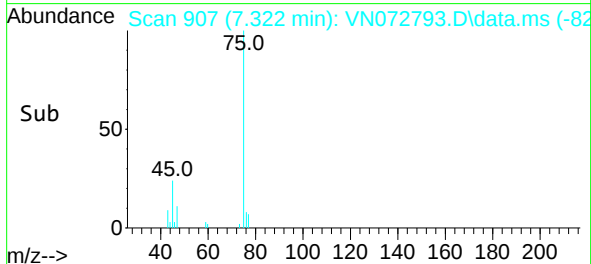
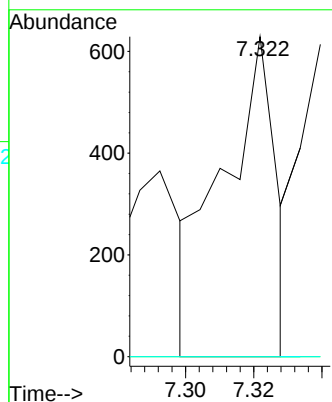


#30
2-Butanone
Concen: 0.273 ug/l
RT: 7.322 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Instrument :
MSVOA_N
ClientSampleId :

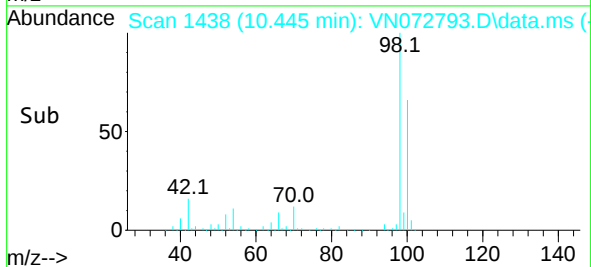
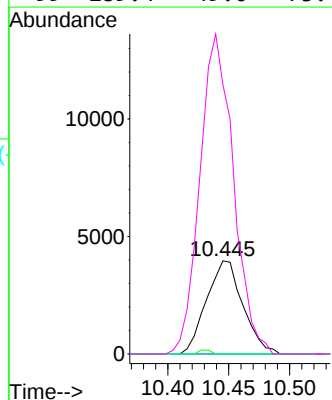
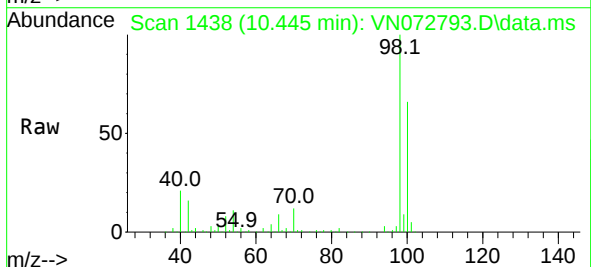


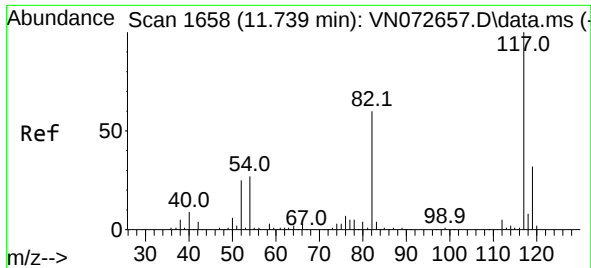
Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
57 0.0 6.7 10.1#
72 0.0 23.2 34.8#



#50
1,1,2-Trichloroethane
Concen: 3.022 ug/l
RT: 10.445 min Scan# 1438
Delta R.T. -0.447 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Tgt Ion: 97 Resp: 8225
Ion Ratio Lower Upper
97 100
83 0.0 67.2 100.8#
85 0.0 43.0 64.4#
99 289.4 49.0 73.4#

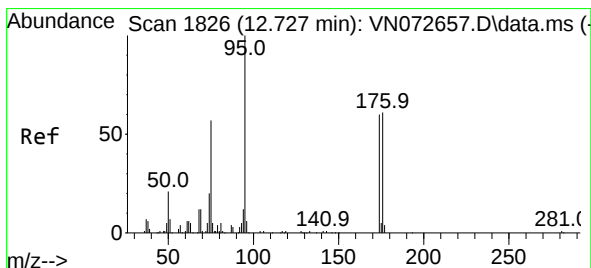
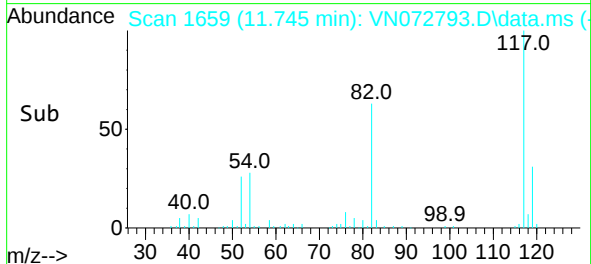
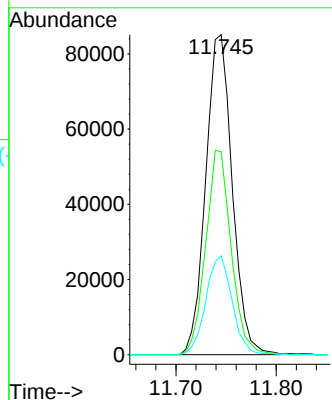
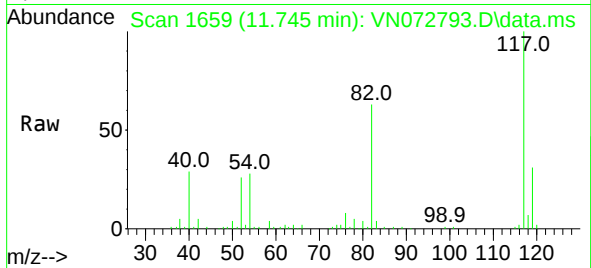




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

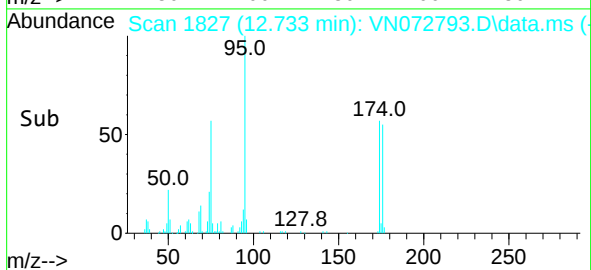
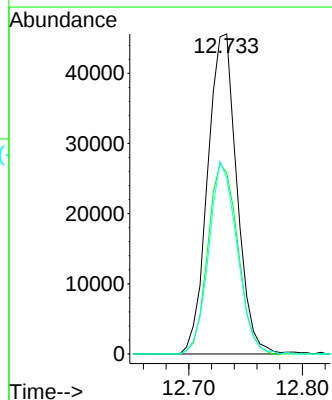
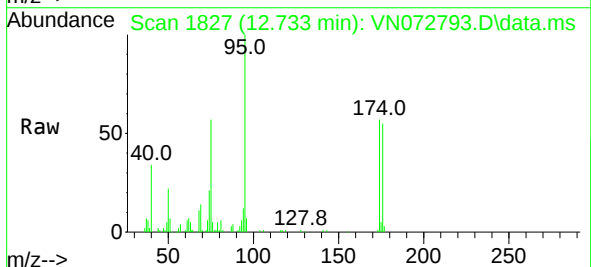
Instrument :
MSVOA_N
ClientSampleId :

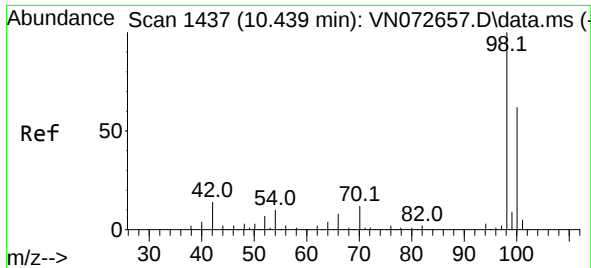
Tgt Ion:117 Resp: 156670
Ion Ratio Lower Upper
117 100
82 61.4 43.6 65.4
119 30.6 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 25.269 ug/l
RT: 12.733 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

Tgt Ion: 95 Resp: 81426
Ion Ratio Lower Upper
95 100
174 61.0 62.9 94.3#
176 58.5 61.0 91.4#

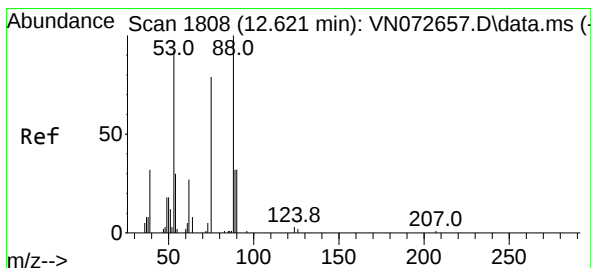
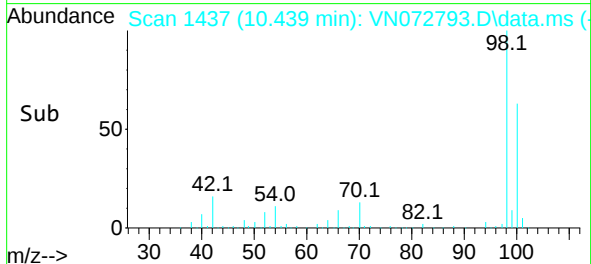
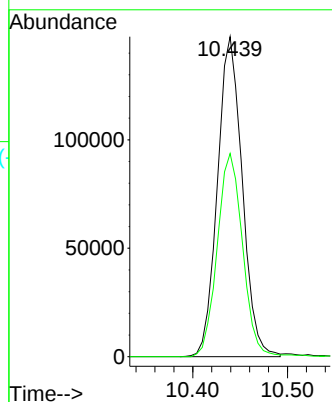
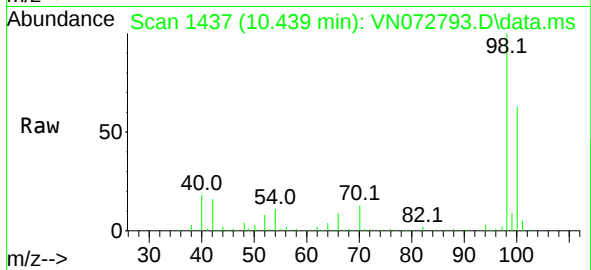




#63
Toluene-d8
Concen: 30.941 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

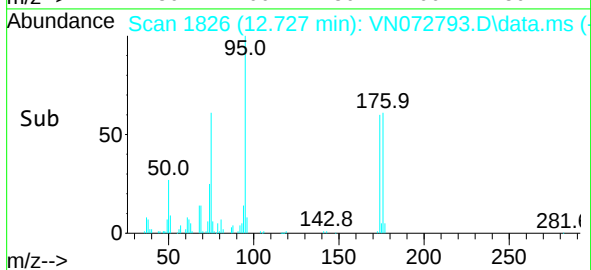
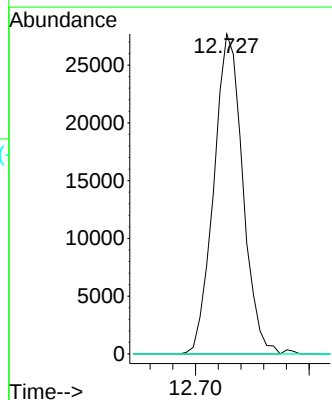
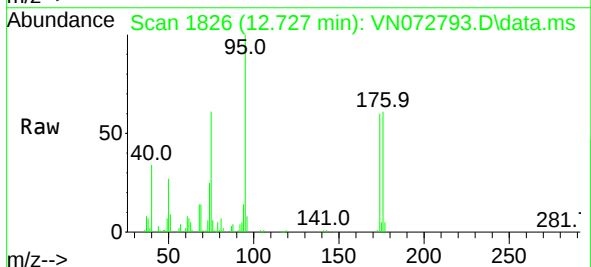
Instrument :
MSVOA_N
ClientSampleId :

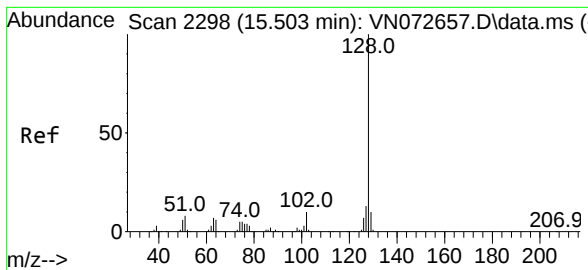
Tgt Ion: 98 Resp: 268532
Ion Ratio Lower Upper
98 100
100 64.6 50.6 76.0



#77
t-1,4-Dichloro-2-butene
Concen: 33.160 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072793.D
Acq: 11 Jun 2022 17:19

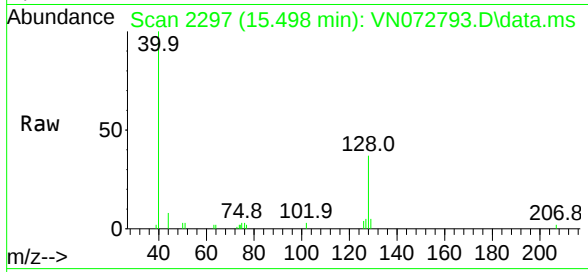
Tgt Ion: 75 Resp: 48961
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#





#91
 Naphthalene
 Concen: 1.288 ug/l
 RT: 15.498 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072793.D
 Acq: 11 Jun 2022 17:19

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	10817
Ion Ratio	Lower	Upper	
128	100		
127	7.7	10.7	16.1#
129	1.9	9.0	13.6#

