

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061020\
 Data File : VN061739.D
 Acq On : 10 Jun 2020 16:05
 Operator : JC/MD
 Sample : L2955-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(JUNE)

Quant Time: Jun 11 03:21:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 10 12:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	57491	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	297579	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	270546	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	108033	30.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.43%
60) 4-Bromofluorobenzene	12.38	95	105377	26.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.10%
63) Toluene-d8	10.06	98	344905	30.01	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.03%

Target Compounds

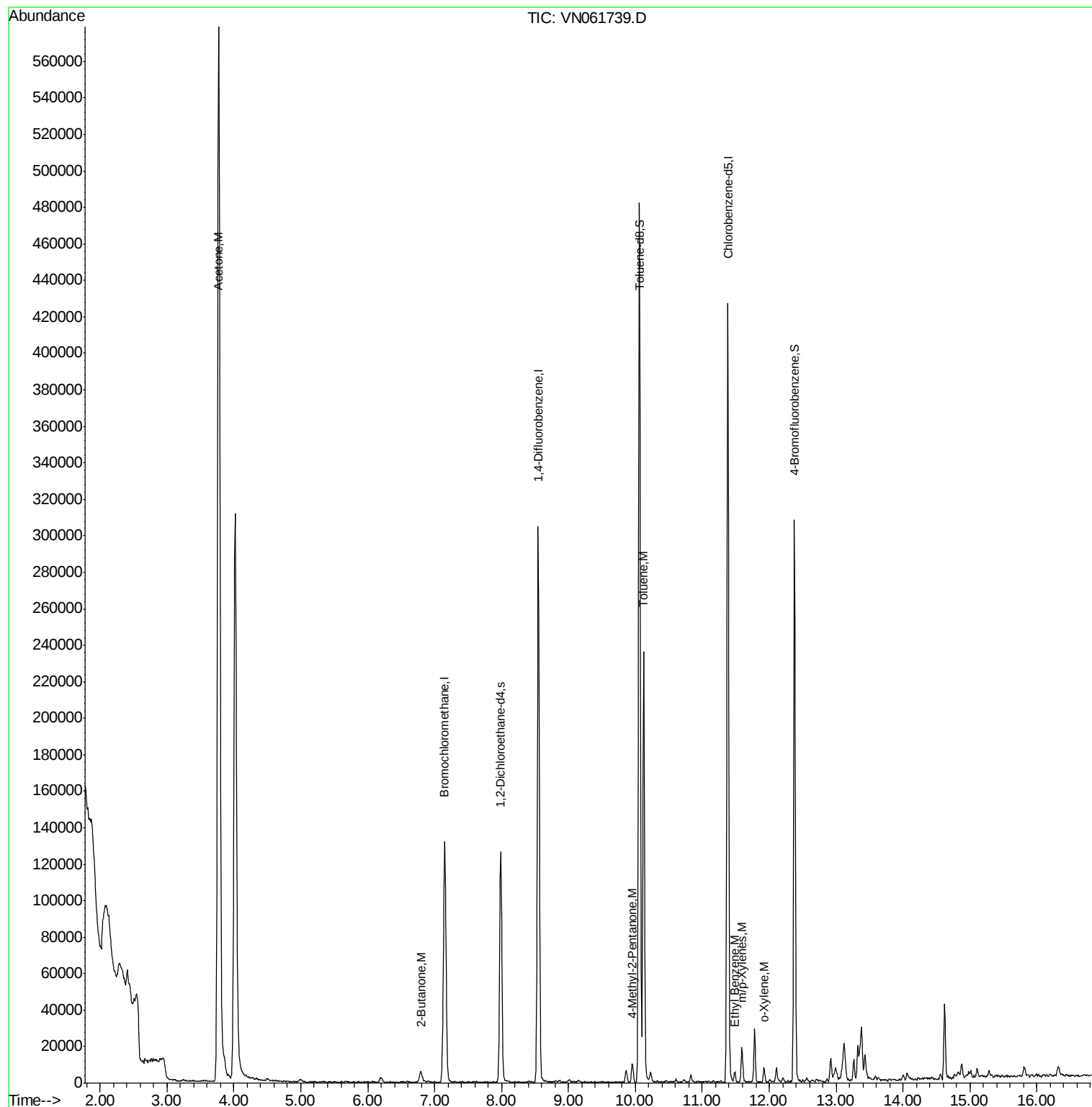
					Ovalue
15) Acetone	3.77	58	339675	956.699 ug/l	92
30) 2-Butanone	6.79	43	10396	7.505 ug/l #	90
58) 4-Methyl-2-Pentanone	9.95	43	7330	2.620 ug/l #	96
62) Toluene	10.12	91	187684	13.817 ug/l	99
66) Ethyl Benzene	11.49	91	4198	0.282 ug/l	100
67) m/p-Xylenes	11.59	106	6340	1.072 ug/l	95
68) o-Xylene	11.92	106	2365	0.423 ug/l	83

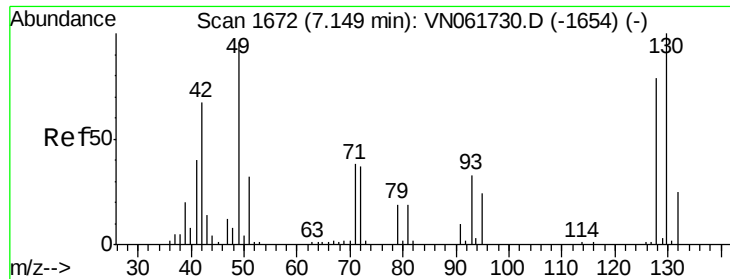
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M
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QLast Update : Wed Jun 10 12:28:45 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061739.D

Acq: 10 Jun 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(JUNE)

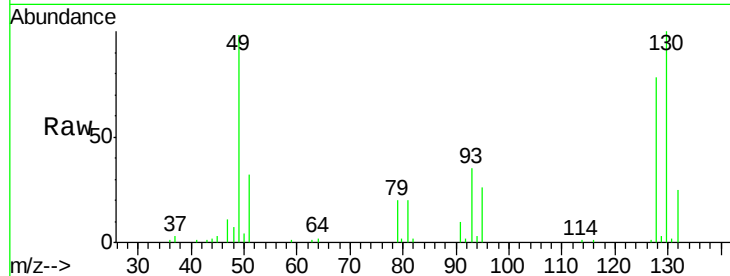
Tot Ion:128 Resp: 57491

Ion Ratio Lower Upper

128 100

49 125.3 0.0 312.3

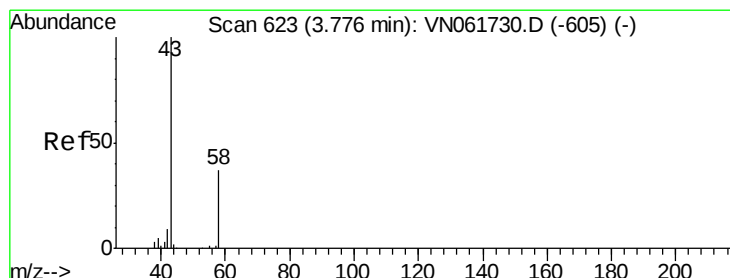
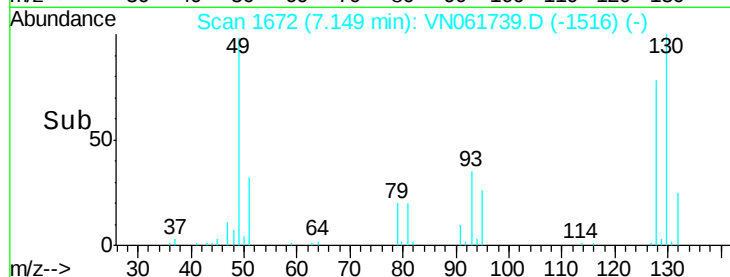
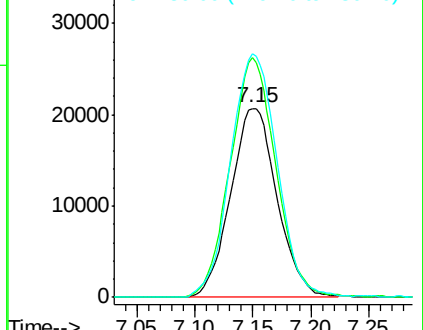
130 129.3 0.0 328.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 956.699 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061739.D

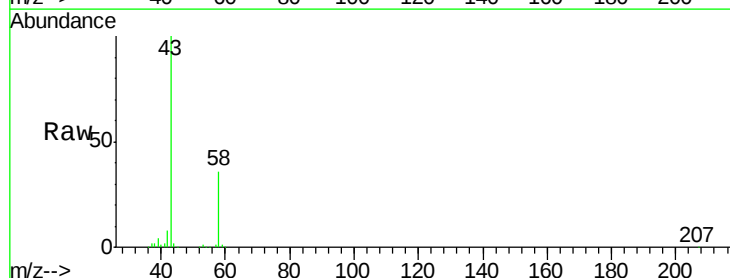
Acq: 10 Jun 2020 16:05

Tgt Ion: 58 Resp: 339675

Ion Ratio Lower Upper

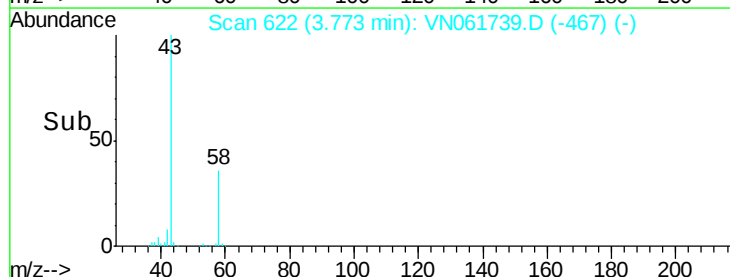
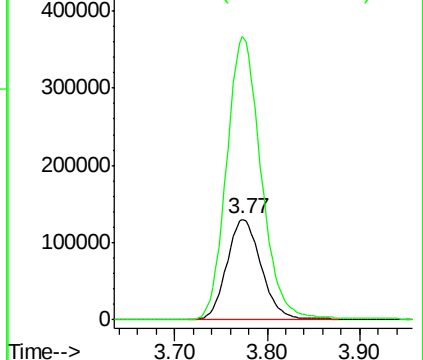
58 100

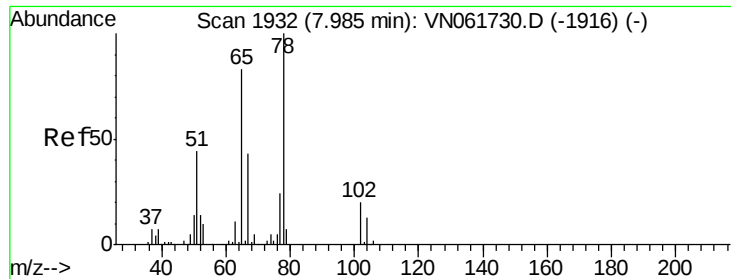
43 281.2 213.7 320.5



Abundance Ion 58.00 (57.70 to 58.70): VN

Ion 43.00 (42.70 to 43.70): VN

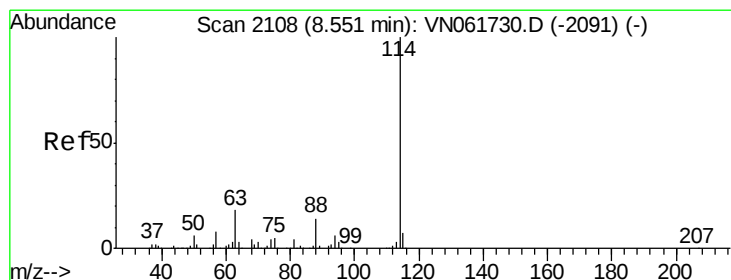
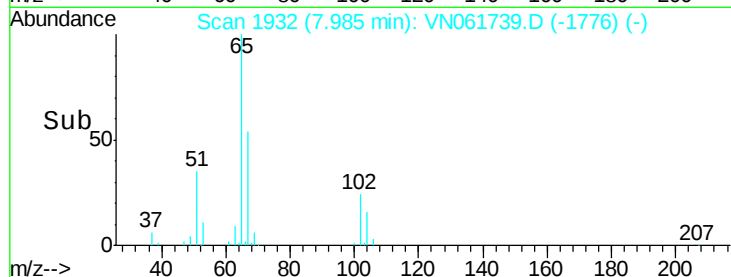
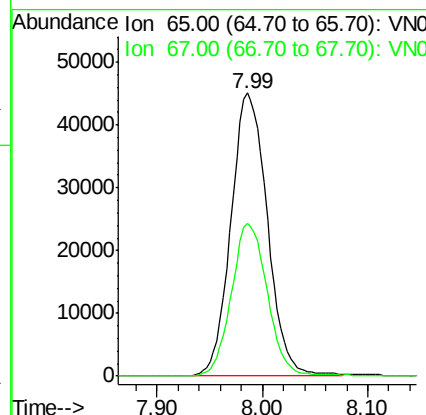
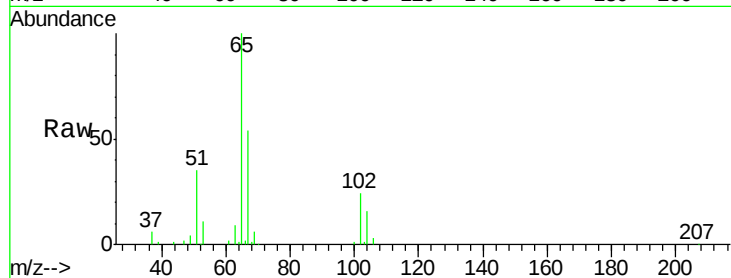




#27
 1,2-Dichloroethane-d4
 Concen: 30.127 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN061739.D
 Acq: 10 Jun 2020 16:05

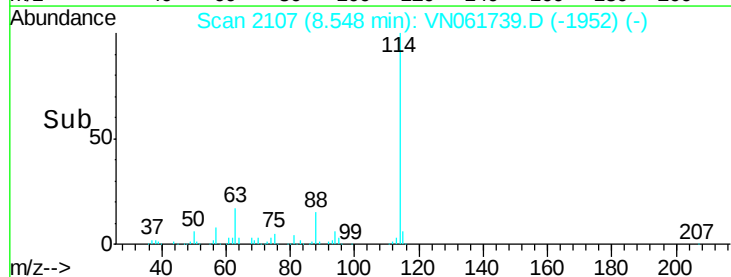
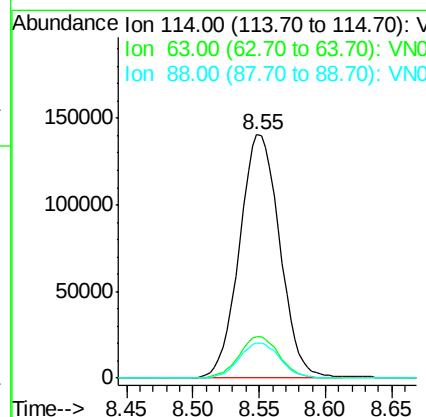
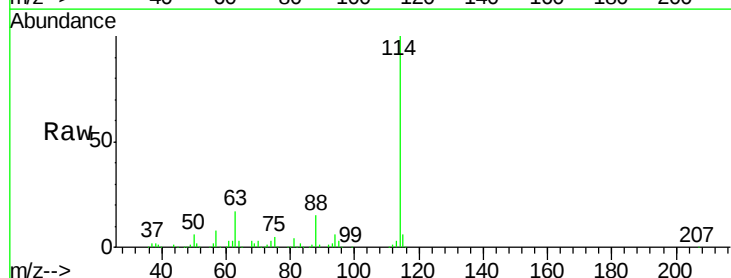
Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(JUNE)

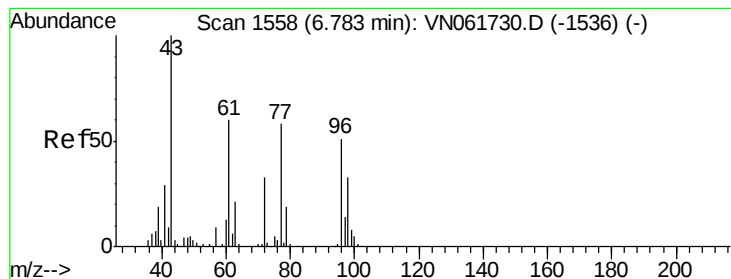
Tot Ion: 65 Resp: 108033
 Ion Ratio Lower Upper
 65 100
 67 52.9 42.2 63.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061739.D
 Acq: 10 Jun 2020 16:05

Tgt Ion: 114 Resp: 297579
 Ion Ratio Lower Upper
 114 100
 63 17.1 14.2 21.2
 88 14.7 11.4 17.2





#30

2-Butanone

Concen: 7.505 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN061739.D

Acq: 10 Jun 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(JUNE)

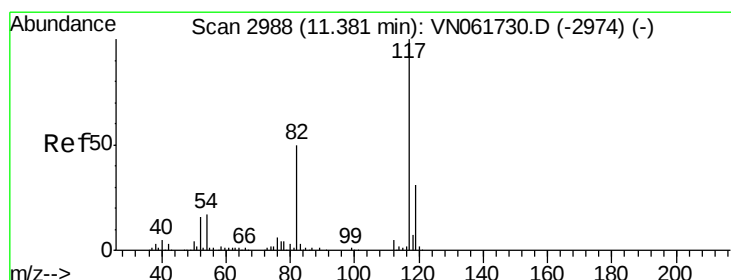
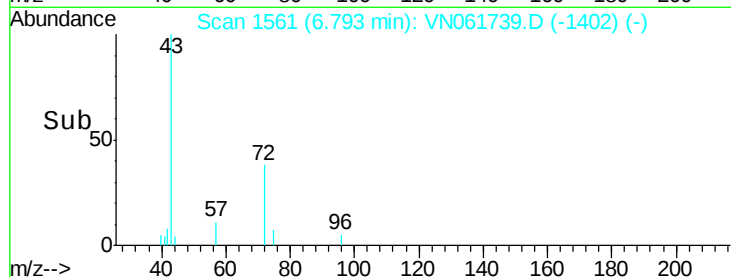
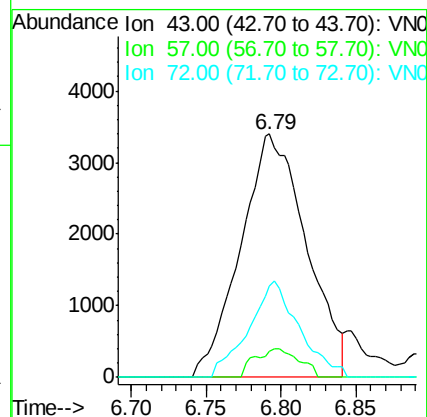
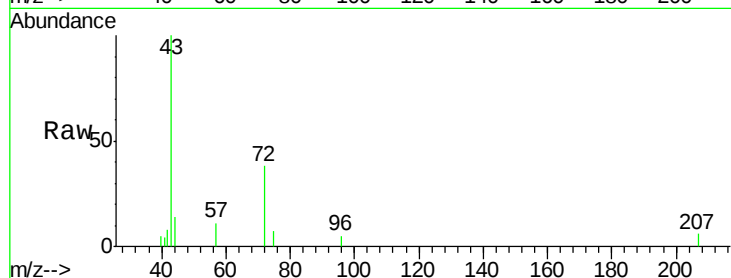
Tot Ion: 43 Resp: 10396

Ion Ratio Lower Upper

43 100

57 3.3 7.6 11.4#

72 30.0 27.8 41.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061739.D

Acq: 10 Jun 2020 16:05

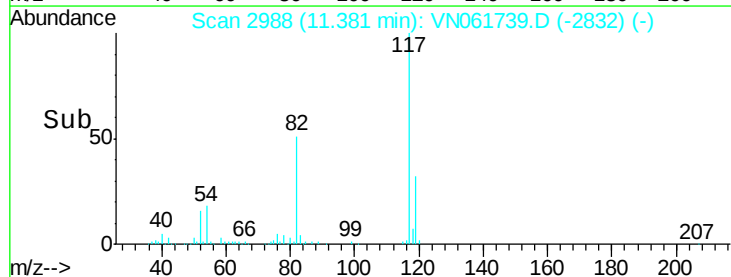
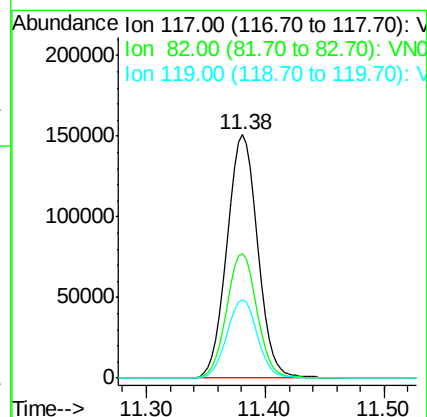
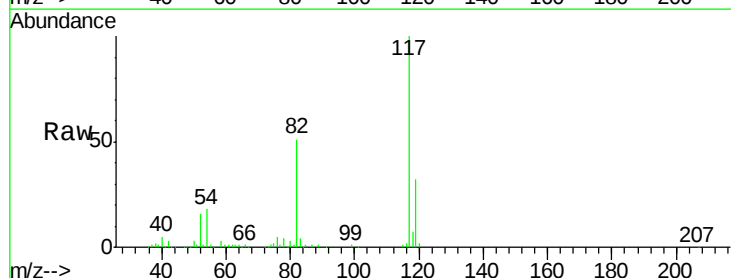
Tgt Ion: 117 Resp: 270546

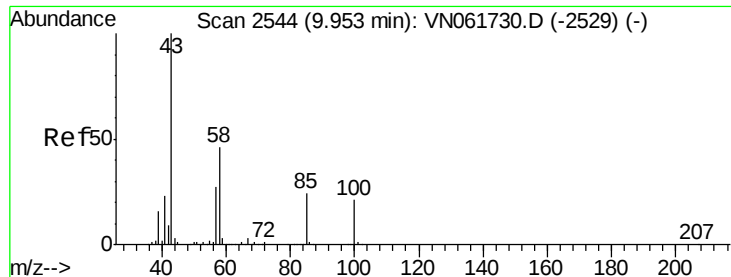
Ion Ratio Lower Upper

117 100

82 50.8 40.6 60.8

119 32.0 25.4 38.2

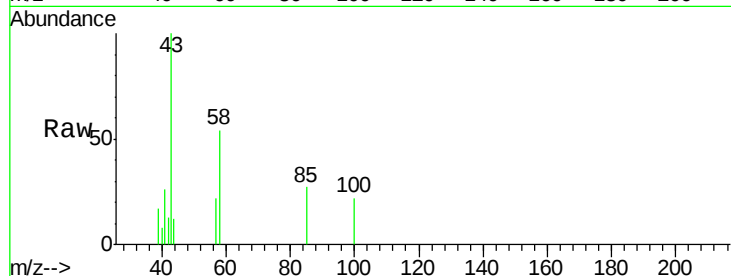




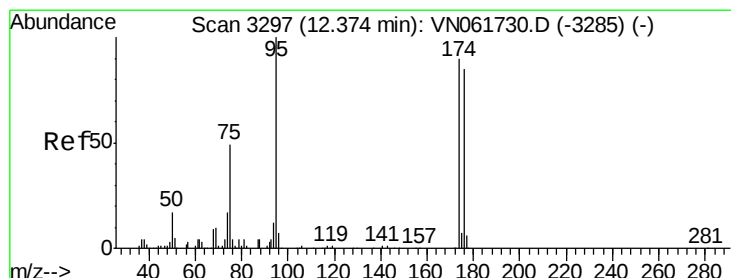
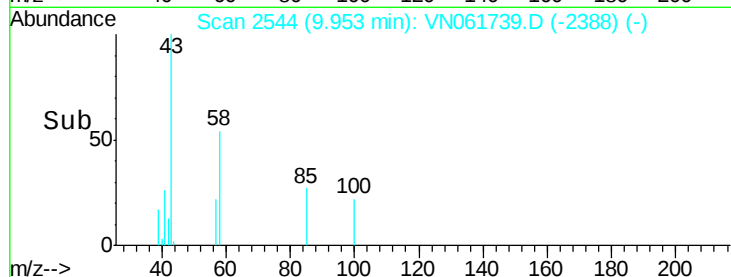
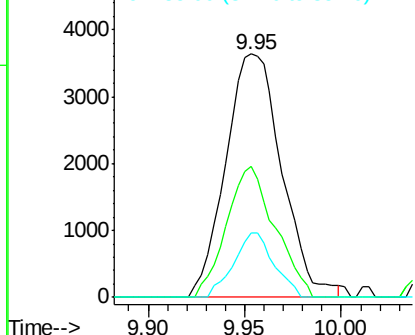
#58
4-Methyl-2-Pentanone
Concen: 2.620 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061739.D
Acq: 10 Jun 2020 16:05

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion: 43 Resp: 7330
Ion Ratio Lower Upper
43 100
58 46.4 36.6 54.8
85 19.0 19.0 28.6#

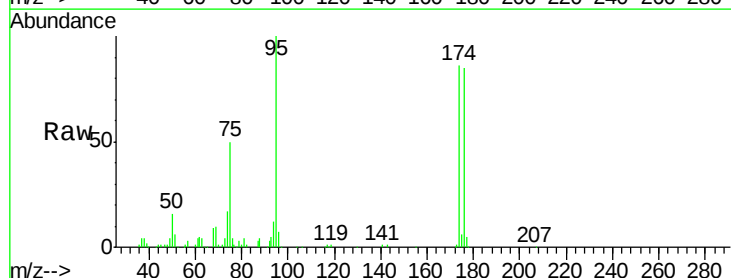


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0
Ion 85.00 (84.70 to 85.70): VN0

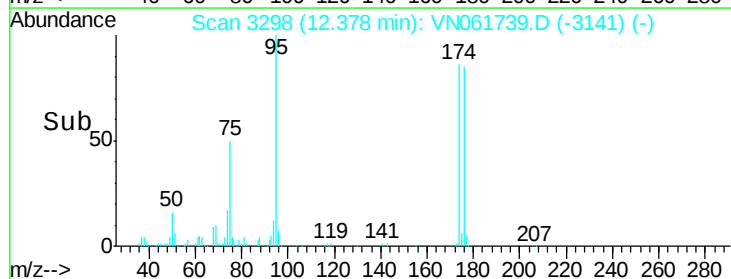
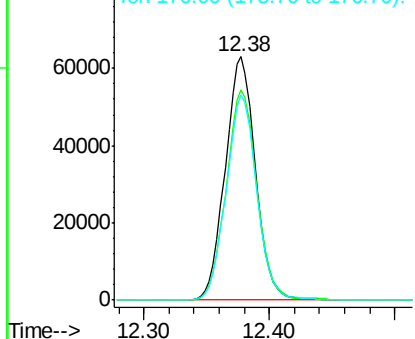


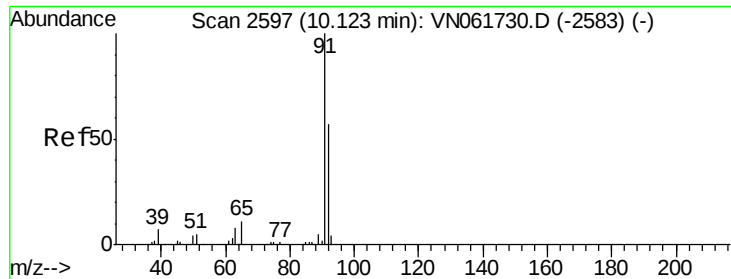
#60
4-Bromofluorobenzene
Concen: 26.432 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061739.D
Acq: 10 Jun 2020 16:05

Tgt Ion: 95 Resp: 105377
Ion Ratio Lower Upper
95 100
174 87.4 72.8 109.2
176 84.8 69.2 103.8



Abundance Ion 95.00 (94.70 to 95.70): VN0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#62

Toluene

Concen: 13.817 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061739.D

Acq: 10 Jun 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

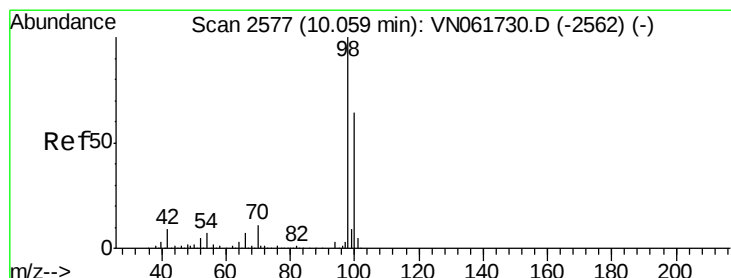
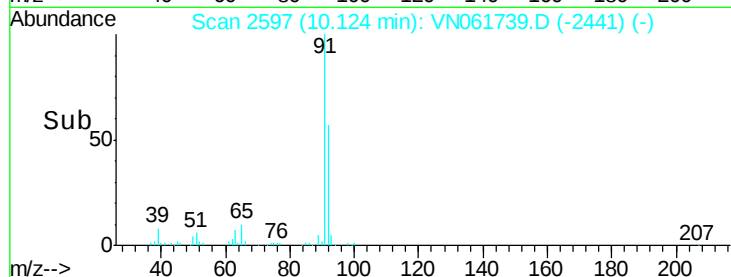
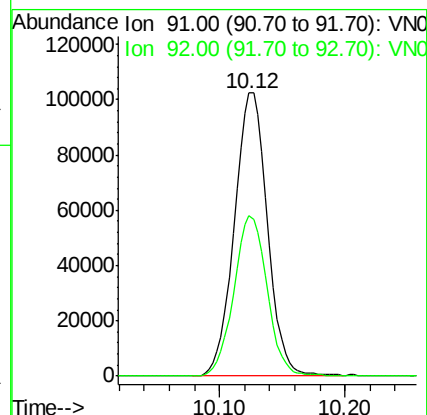
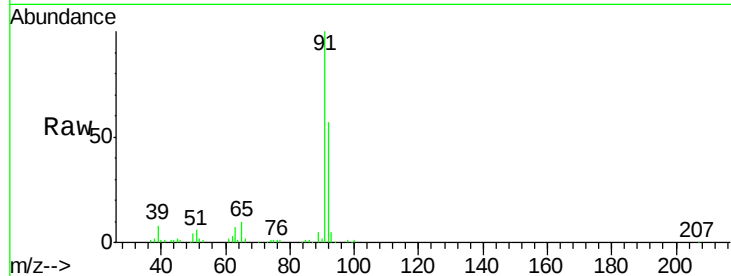
002-35TH-AVE(JUNE)

Tot Ion: 91 Resp: 187684

Ion Ratio Lower Upper

91 100

92 56.9 45.8 68.8



#63

Toluene-d8

Concen: 30.012 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061739.D

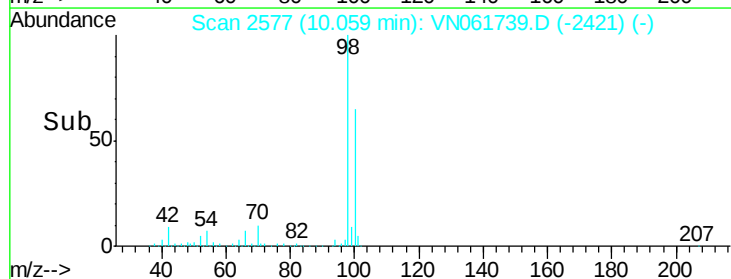
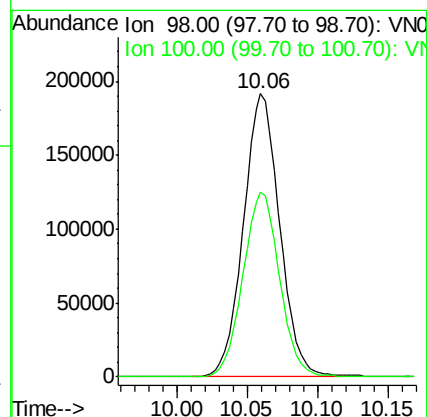
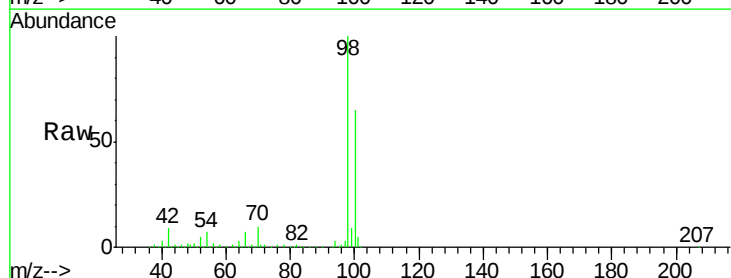
Acq: 10 Jun 2020 16:05

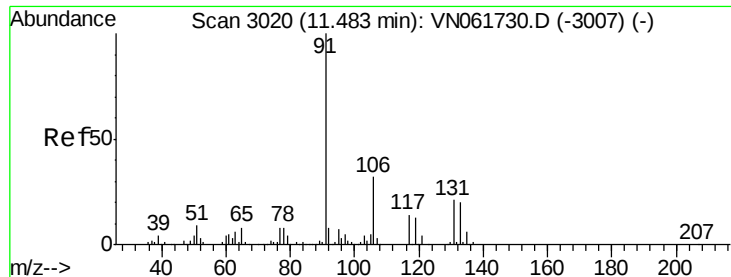
Tgt Ion: 98 Resp: 344905

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4

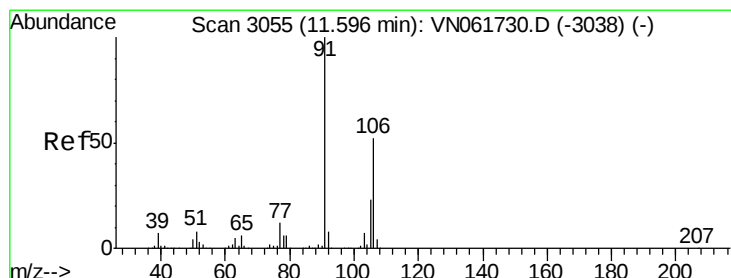
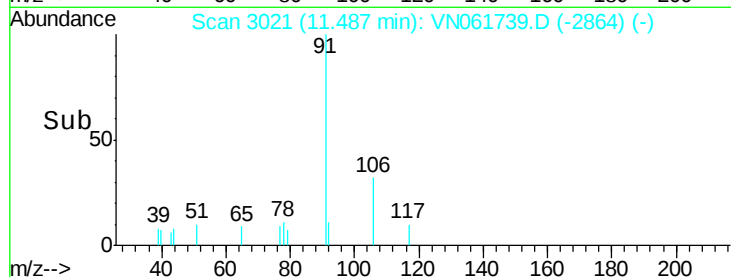
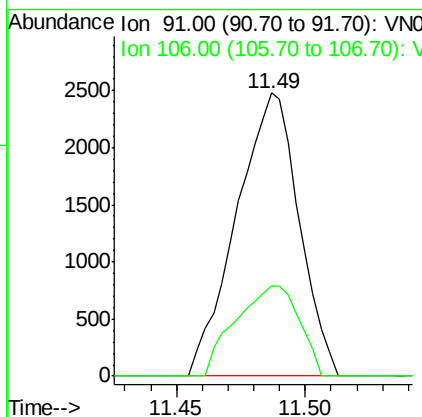
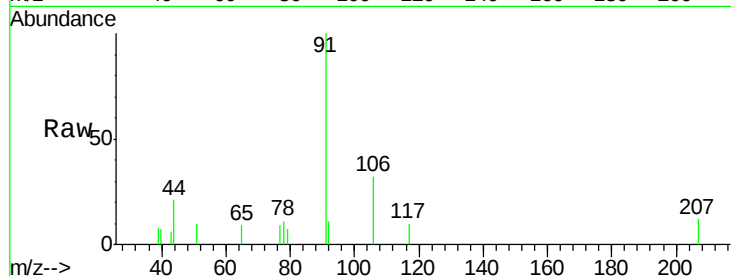




#66
Ethyl Benzene
Concen: 0.282 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN061739.D
Acq: 10 Jun 2020 16:05

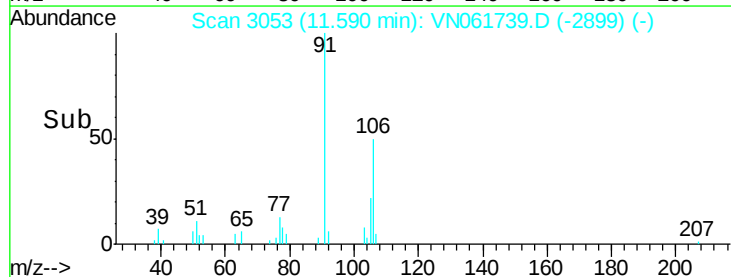
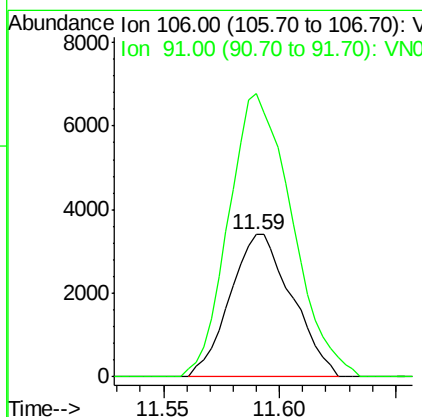
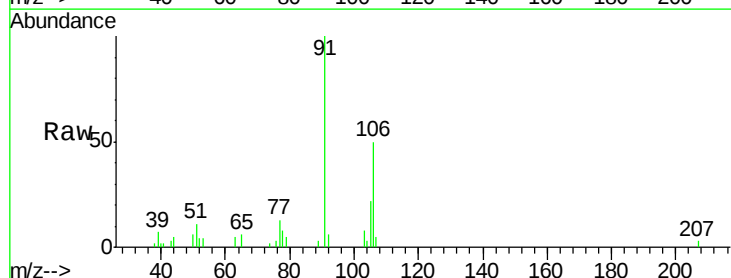
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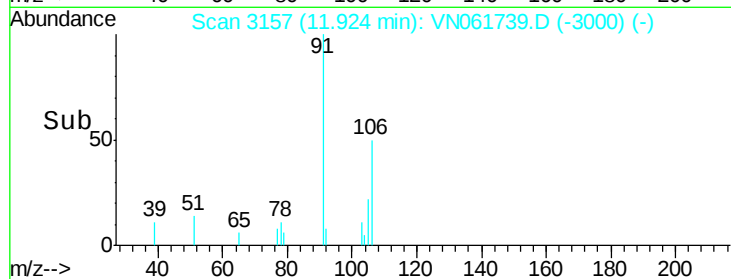
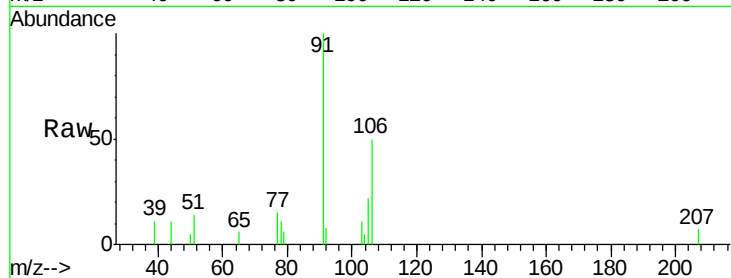
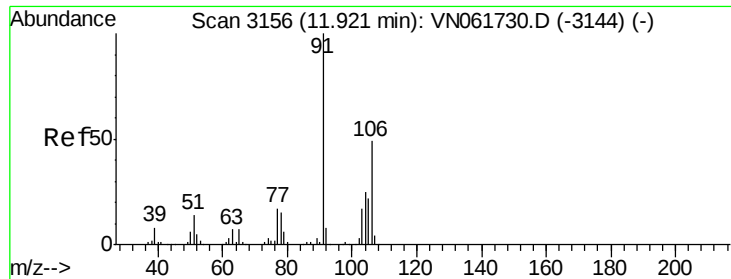
Tot Ion: 91 Resp: 4198
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5



#67
m/p-Xylenes
Concen: 1.072 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.01 min
Lab File: VN061739.D
Acq: 10 Jun 2020 16:05

Tgt Ion: 106 Resp: 6340
Ion Ratio Lower Upper
106 100
91 203.0 156.2 234.4





#68
o-Xylene
Concen: 0.423 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN061739.D
Acq: 10 Jun 2020 16:05

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Tot Ion:106 Resp: 2365
Ion Ratio Lower Upper
106 100
91 229.4 101.9 305.7

