

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051520\
 Data File : VN061415.D
 Acq On : 15 May 2020 17:58
 Operator : JC/MD
 Sample : L2682-01 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: May 16 01:15:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N051420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 14 16:04:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	17282	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	103454	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	90706	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	48943	31.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.40%
60) 4-Bromofluorobenzene	12.38	95	43394	28.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.40%
63) Toluene-d8	10.06	98	128156	30.51	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.70%

Target Compounds

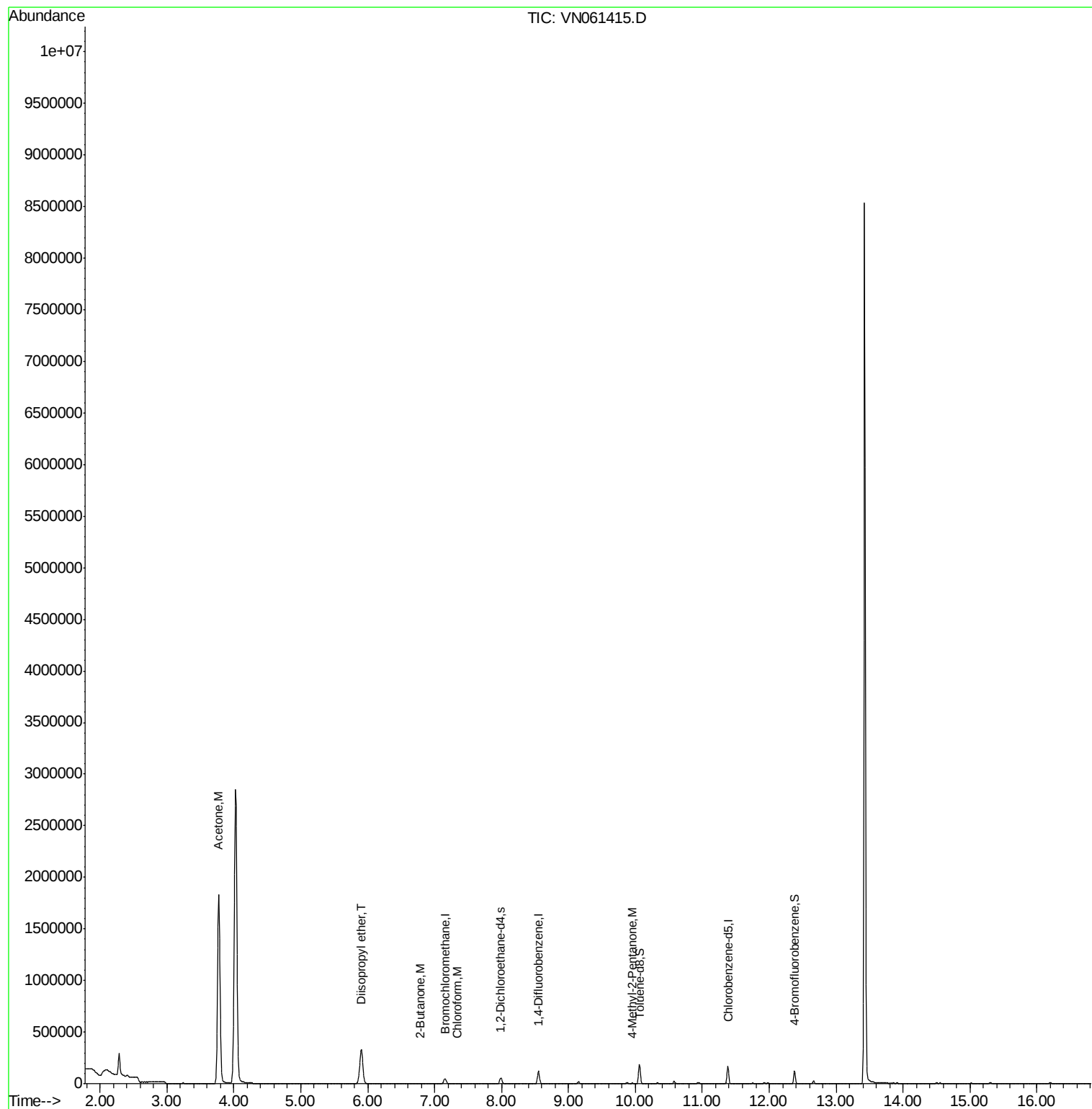
						Qvalue
15) Acetone	3.77	58	892495	7023.20	ug/l	91
20) Diisopropyl ether	5.91	45	451356	103.77	ug/l #	85
25) Chloroform	7.33	83	2053m	0.93	ug/l	
30) 2-Butanone	6.79	43	3708	4.83	ug/l #	77
58) 4-Methyl-2-Pentanone	9.95	43	4495	2.72	ug/l #	86

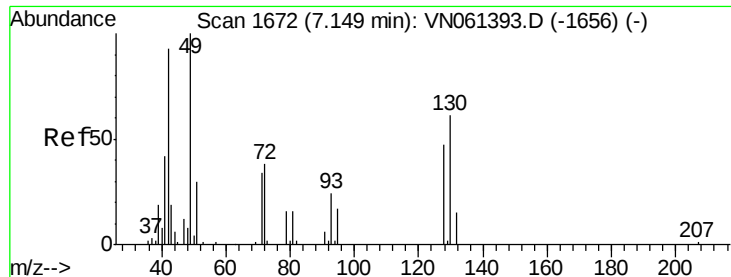
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 14 16:04:10 2020
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN061415.D

Acq: 15 May 2020 17:58

Instrument :

MSVOA_N

ClientSampled :

EFF-WW

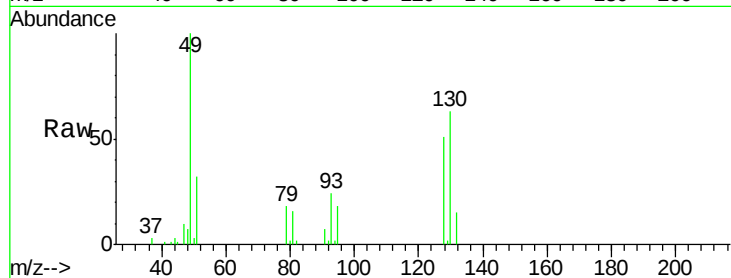
Tgt Ion:128 Resp: 17282

Ion Ratio Lower Upper

128 100

49 204.7 0.0 453.5

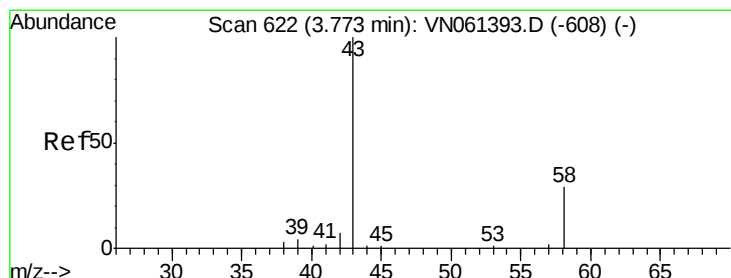
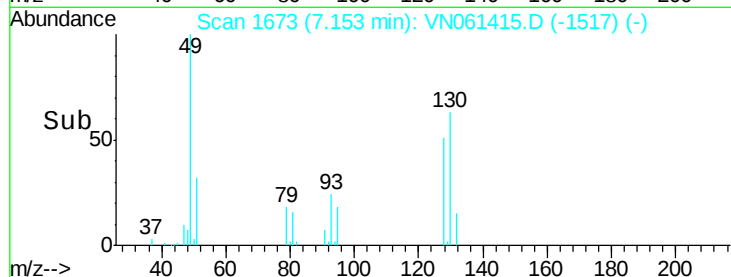
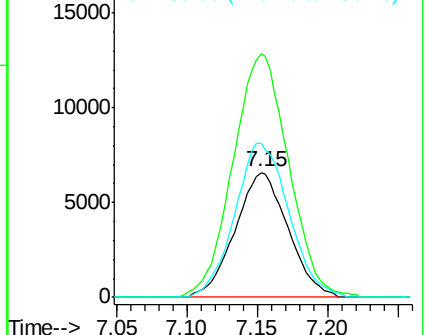
130 126.4 0.0 314.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 7023.20 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061415.D

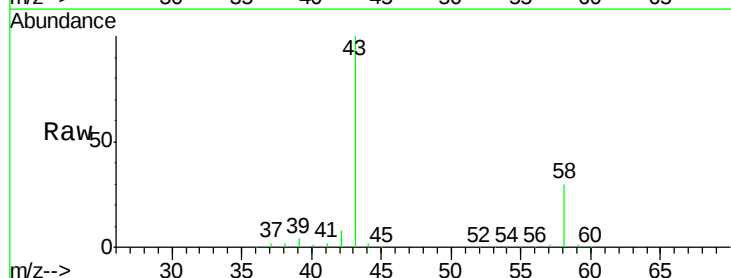
Acq: 15 May 2020 17:58

Tgt Ion: 58 Resp: 892495

Ion Ratio Lower Upper

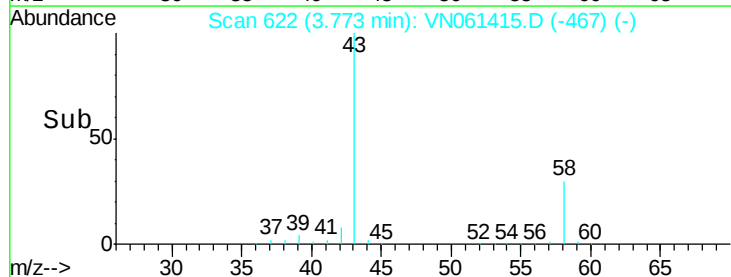
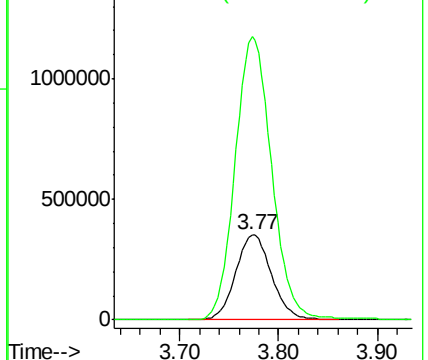
58 100

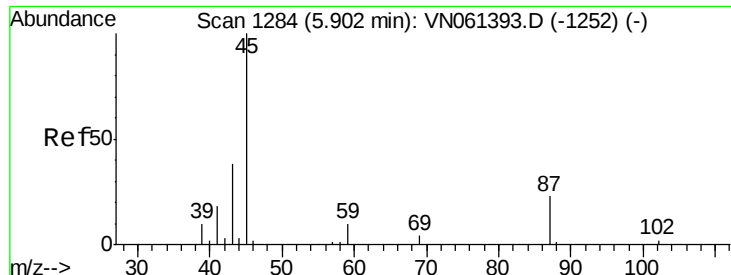
43 331.6 281.7 422.5



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

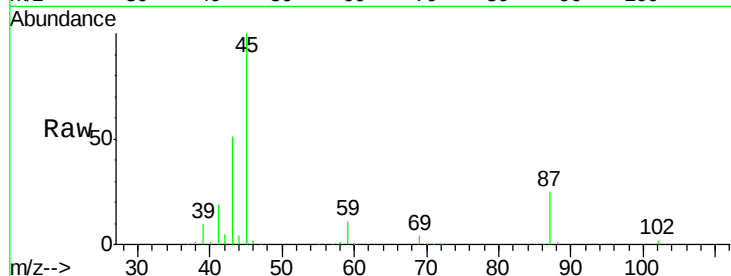




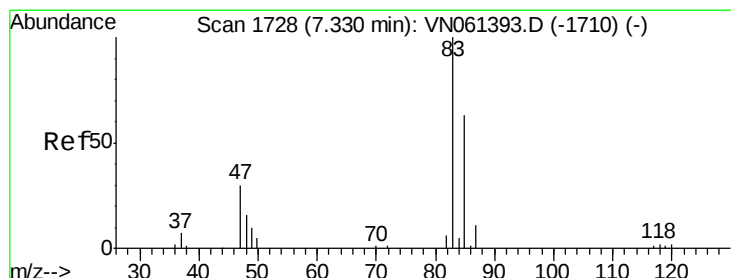
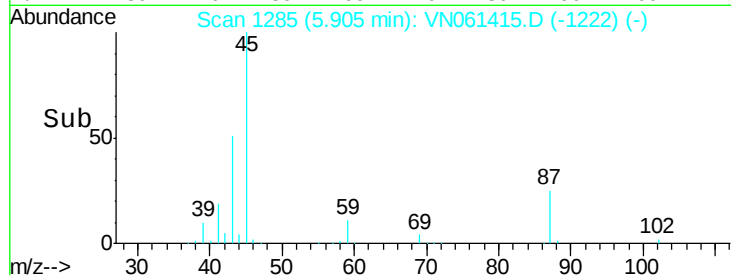
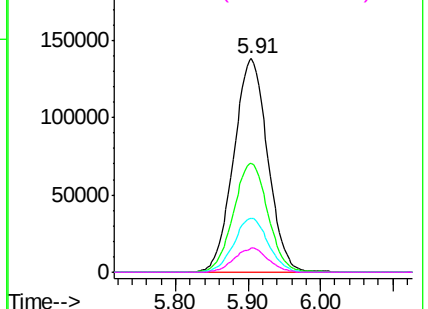
#20
Diisopropyl ether
Concen: 103.77 ug/l
RT: 5.91 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VN061415.D
Acq: 15 May 2020 17:58

Instrument :
MSVOA_N
ClientSampled :
EFF-WW

Tgt Ion: 45 Resp: 451356
Ion Ratio Lower Upper
45 100
43 50.9 54.7 82.1#
87 25.3 21.5 32.3
59 11.2 8.7 13.1

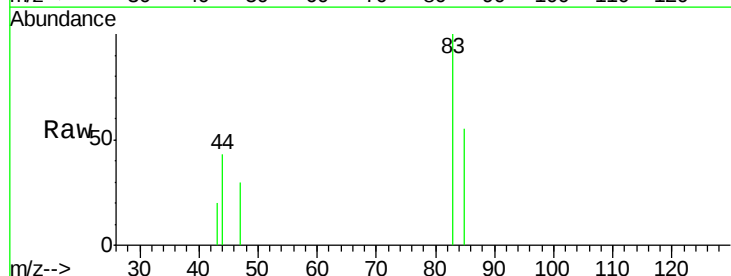


Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

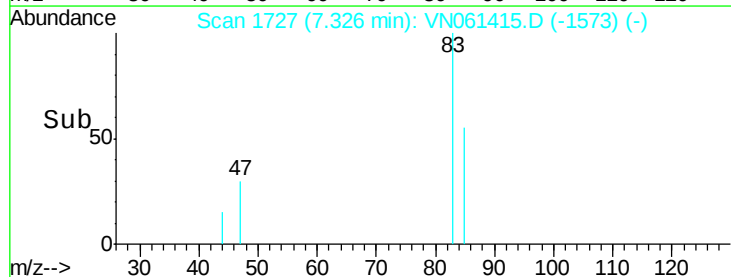
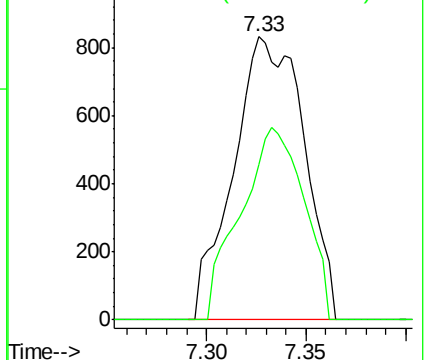


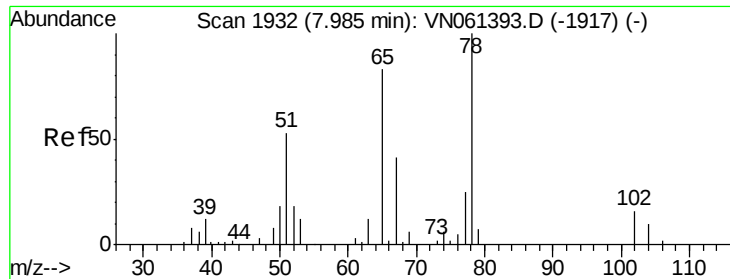
#25
Chloroform
Concen: 0.93 ug/l m
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061415.D
Acq: 15 May 2020 17:58

Tgt Ion: 83 Resp: 2053
Ion Ratio Lower Upper
83 100
85 54.7 53.8 80.8



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 85.00 (84.70 to 85.70): VN0

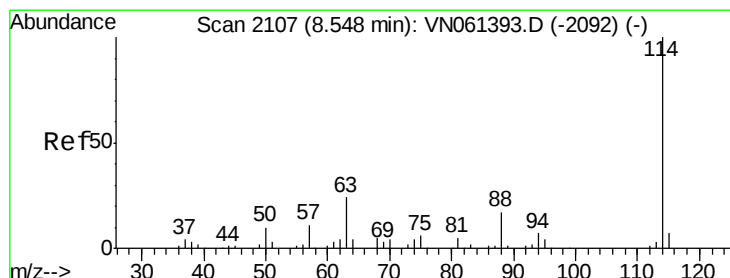
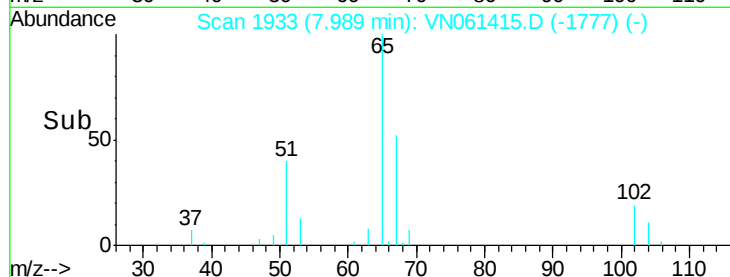
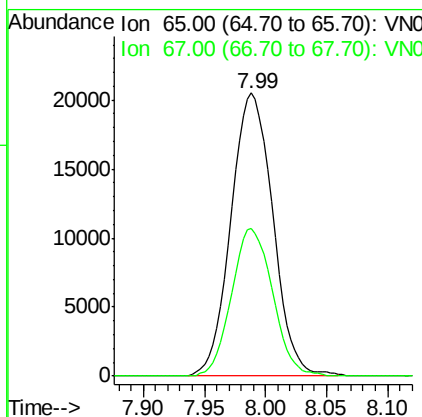
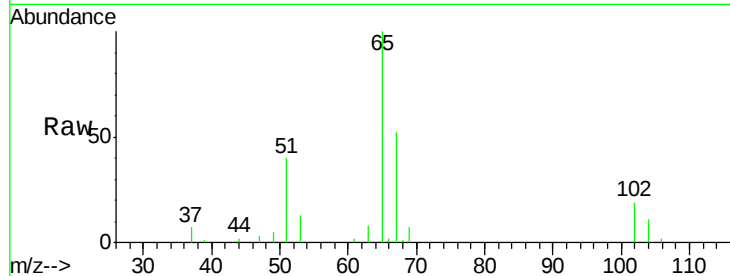




#27
 1,2-Dichloroethane-d4
 Concen: 31.62 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061415.D
 Acq: 15 May 2020 17:58

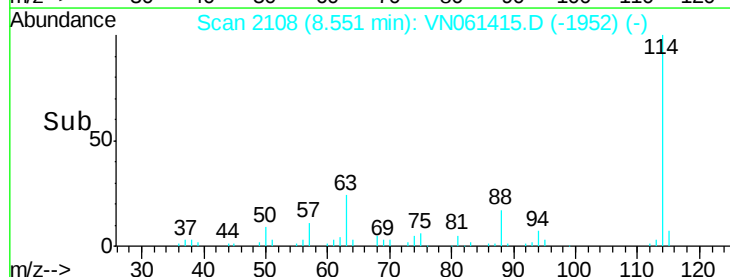
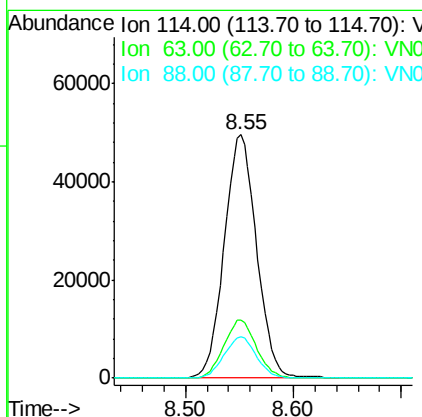
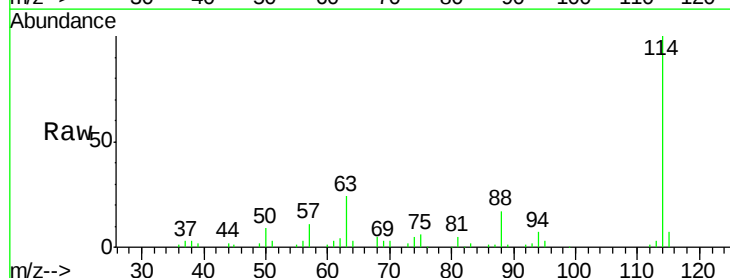
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

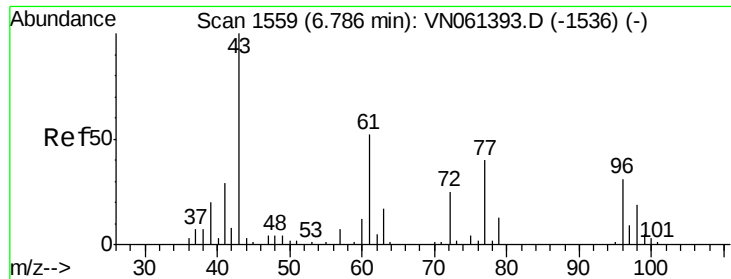
Tgt Ion: 65 Resp: 48943
 Ion Ratio Lower Upper
 65 100
 67 51.1 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061415.D
 Acq: 15 May 2020 17:58

Tgt Ion: 114 Resp: 103454
 Ion Ratio Lower Upper
 114 100
 63 24.0 18.1 27.1
 88 16.7 13.0 19.4

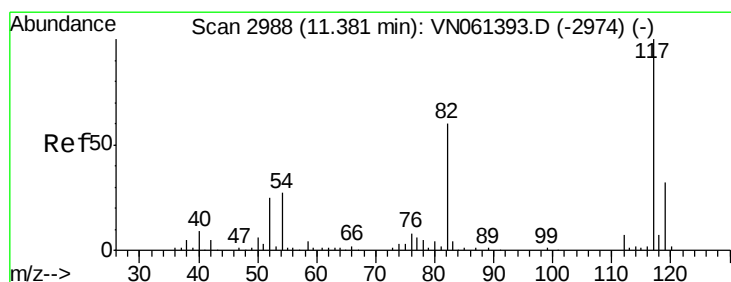
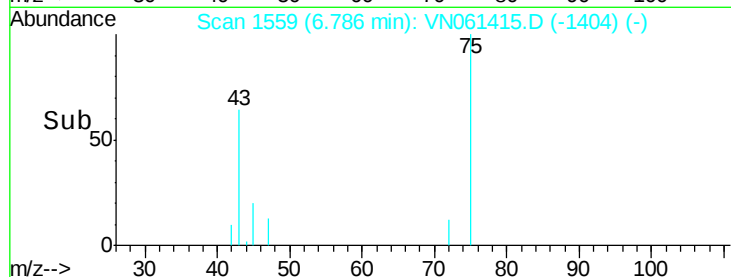
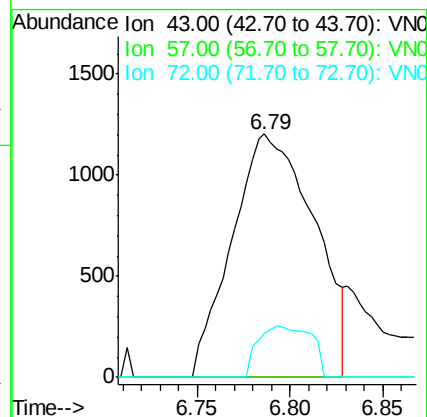
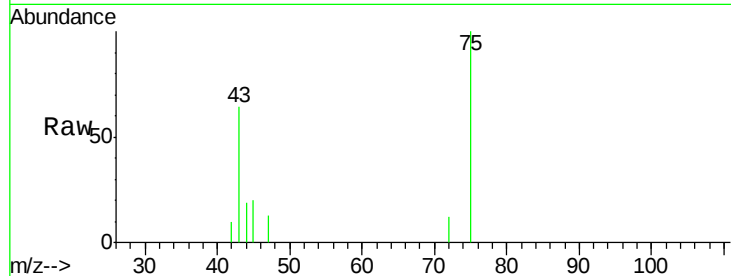




#30
2-Butanone
Concen: 4.83 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN061415.D
Acq: 15 May 2020 17:58

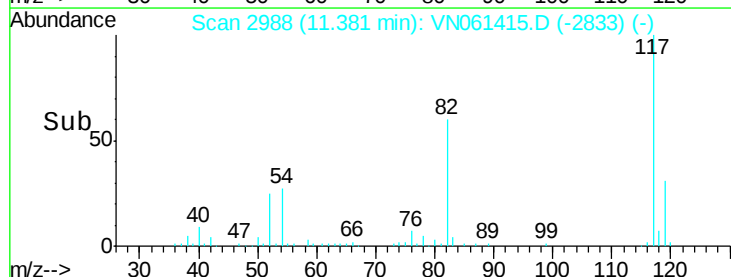
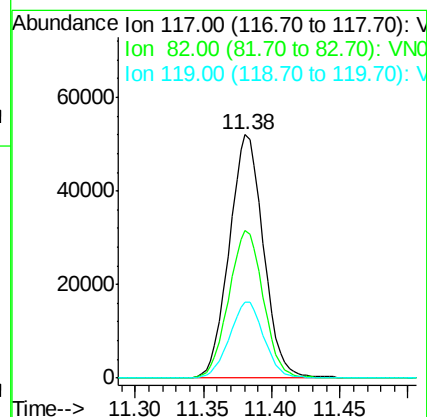
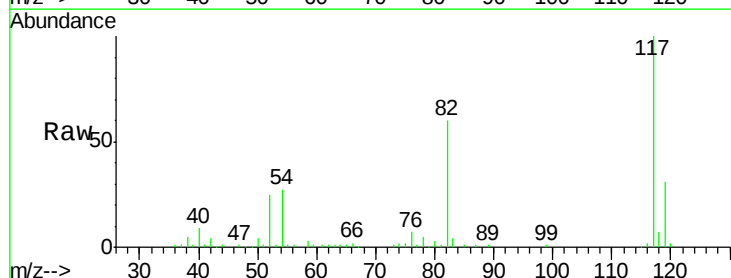
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

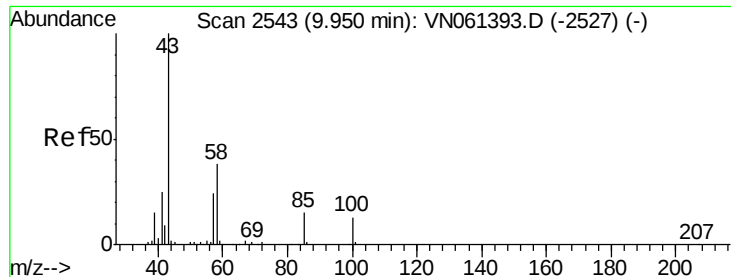
Tgt Ion: 43 Resp: 3708
Ion Ratio Lower Upper
43 100
57 0.0 6.5 9.7#
72 13.5 20.1 30.1#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061415.D
Acq: 15 May 2020 17:58

Tgt Ion: 117 Resp: 90706
Ion Ratio Lower Upper
117 100
82 61.1 46.9 70.3
119 31.4 25.8 38.6

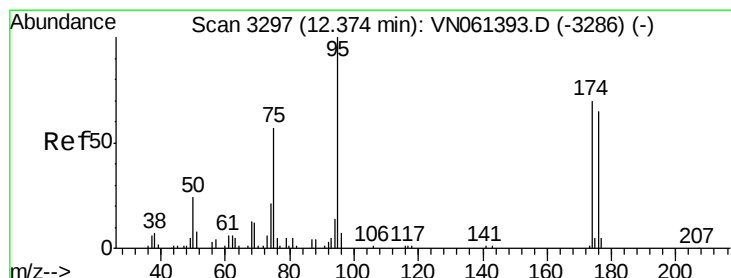
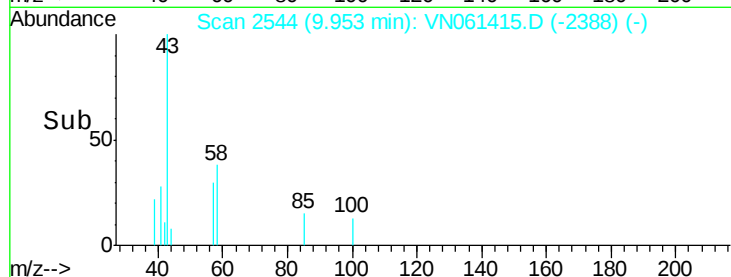
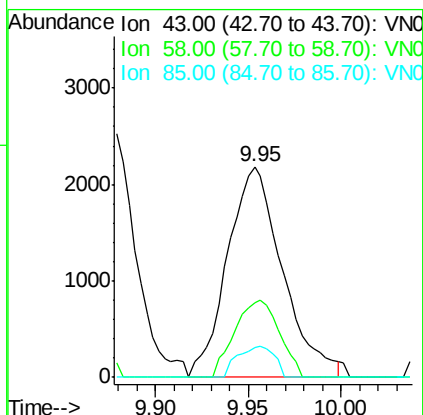
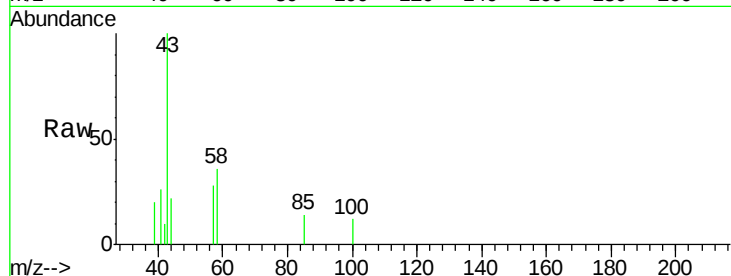




#58
 4-Methyl-2-Pentanone
 Concen: 2.72 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061415.D
 Acq: 15 May 2020 17:58

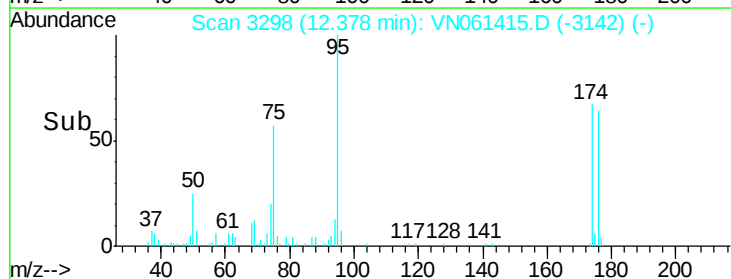
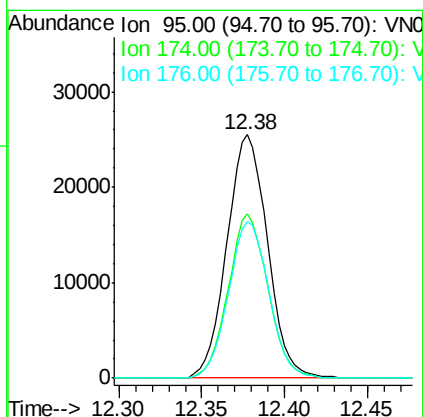
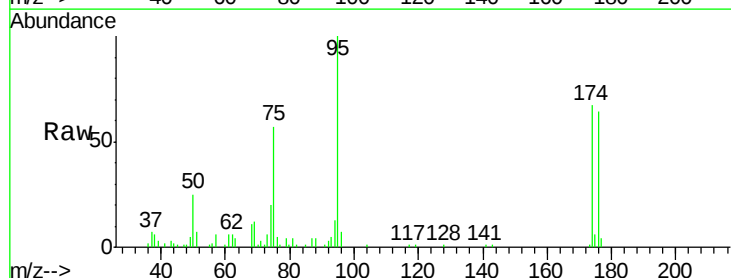
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

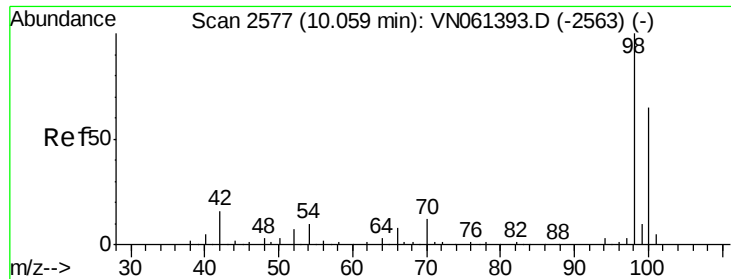
Tgt Ion: 43 Resp: 4495
 Ion Ratio Lower Upper
 43 100
 58 29.8 30.1 45.1#
 85 9.8 13.2 19.8#



#60
 4-Bromofluorobenzene
 Concen: 28.02 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061415.D
 Acq: 15 May 2020 17:58

Tgt Ion: 95 Resp: 43394
 Ion Ratio Lower Upper
 95 100
 174 66.0 59.9 89.9
 176 64.0 58.3 87.5





#63

Toluene-d8

Concen: 30.51 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061415.D

Acq: 15 May 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

EFF-WW

Tgt Ion: 98 Resp: 128156

Ion Ratio Lower Upper

98 100

100 65.4 50.6 75.8

