

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN051000.D
 Acq On : 31 Aug 2018 20:34
 Operator : MD\SY
 Sample : J4763-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE(AUG)

Quant Time: Sep 01 02:07:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	110973	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	589457	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	513204	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	213094	30.09	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.30%
60) 4-Bromofluorobenzene	12.40	95	195370	25.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	85.33%
63) Toluene-d8	10.09	98	694313	29.01	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.70%

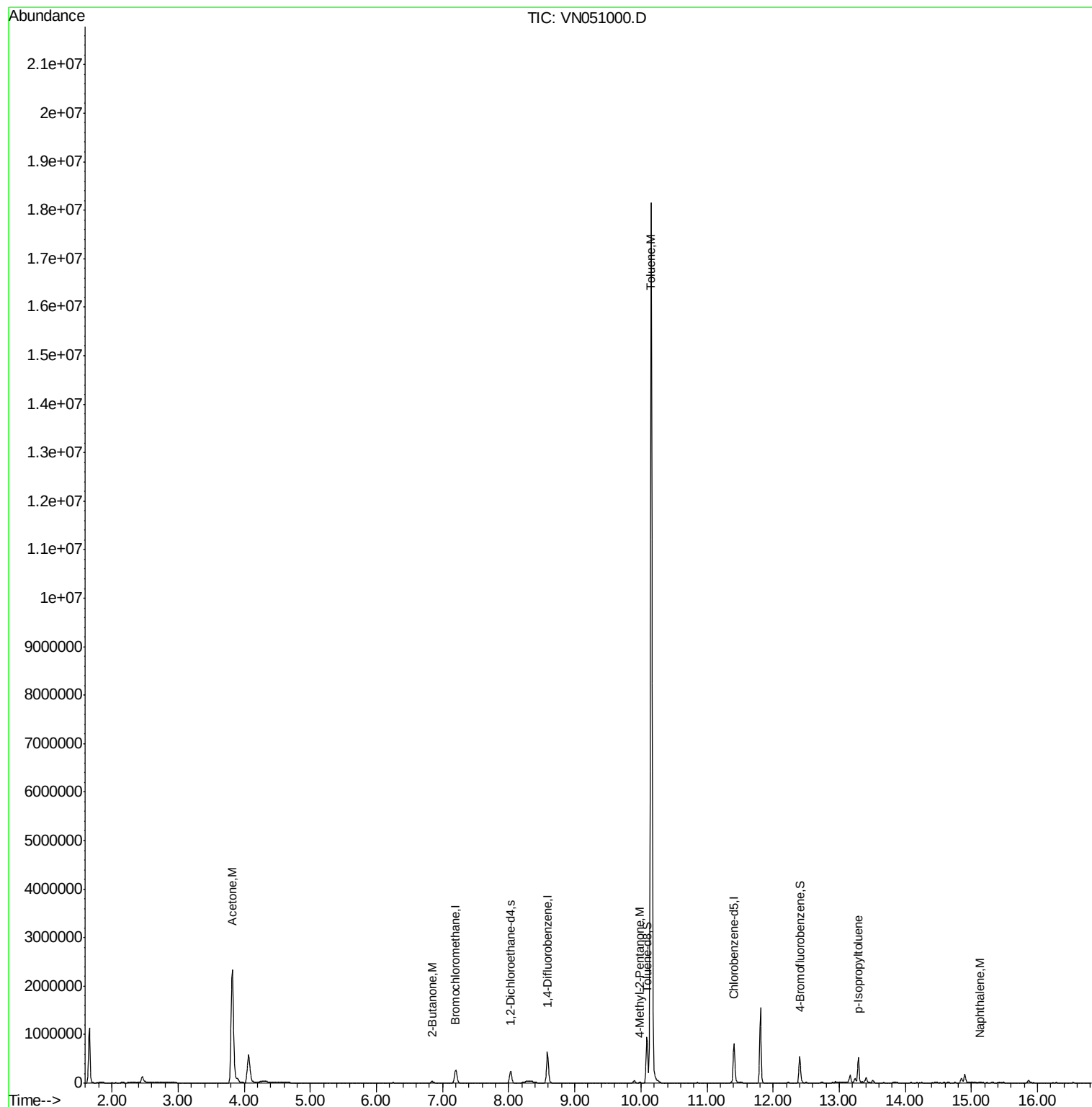
Target Compounds						Ovalue
15) Acetone	3.82	58	1354462	2257.81	ug/l	94
30) 2-Butanone	6.84	43	54186	19.96	ug/l #	82
58) 4-Methyl-2-Pentanone	9.99	43	13162	2.24	ug/l	96
62) Toluene	10.16	91	14454182	504.84	ug/l	99
82) p-Isopropyltoluene	13.29	119	300837	12.95	ug/l	99
91) Naphthalene	15.14	128	4128	8.81	ug/l #	93

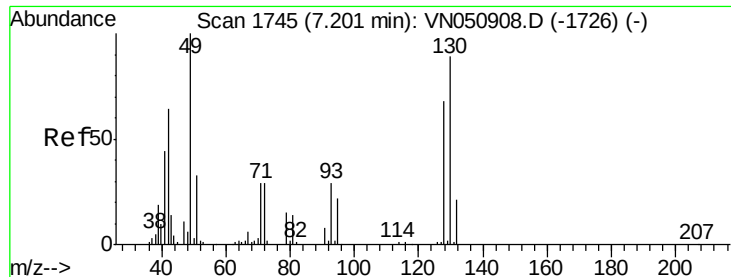
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN051000.D

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Instrument :

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ClientSampleId :

002M-35TH-AVE(AUG)

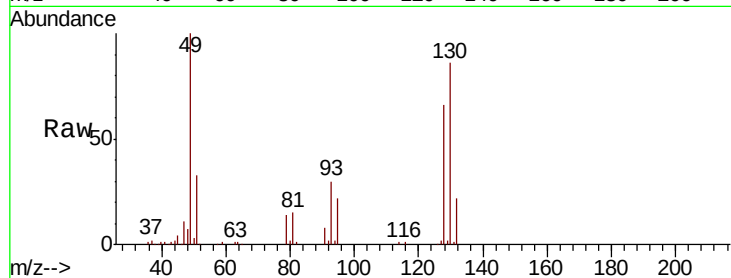
Tot Ion:128 Resp: 110973

Ion Ratio Lower Upper

128 100

49 149.3 0.0 380.3

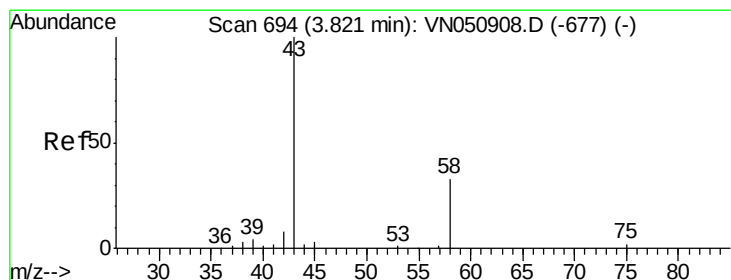
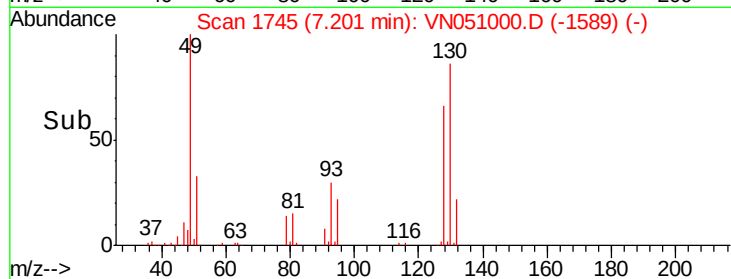
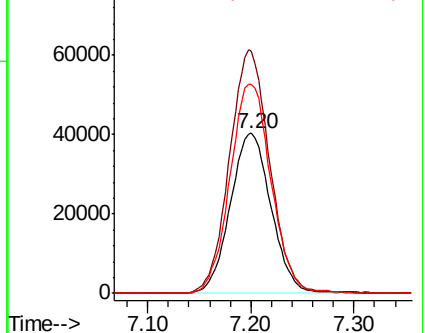
130 131.5 0.0 325.3



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: 2257.81 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN051000.D

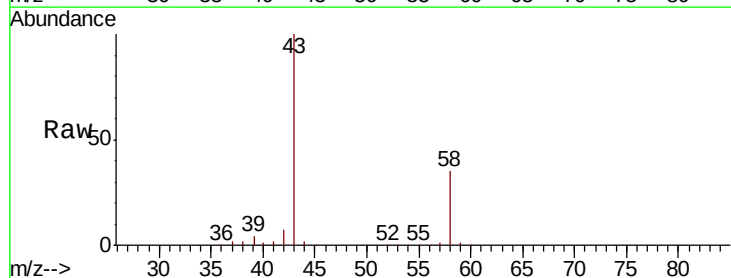
Acq: 31 Aug 2018 20:34

Tgt Ion: 58 Resp: 1354462

Ion Ratio Lower Upper

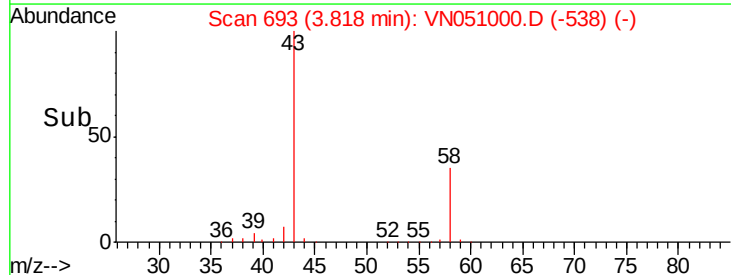
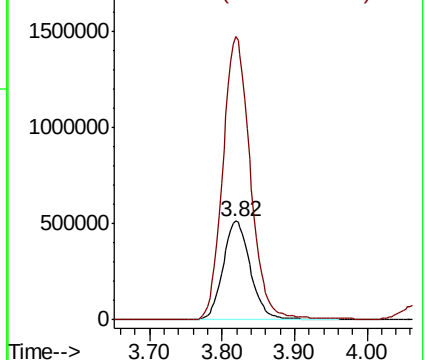
58 100

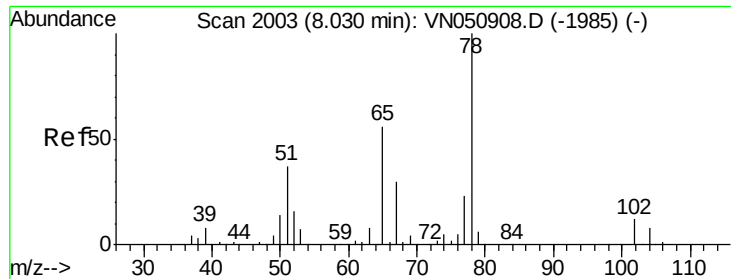
43 286.5 239.4 359.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

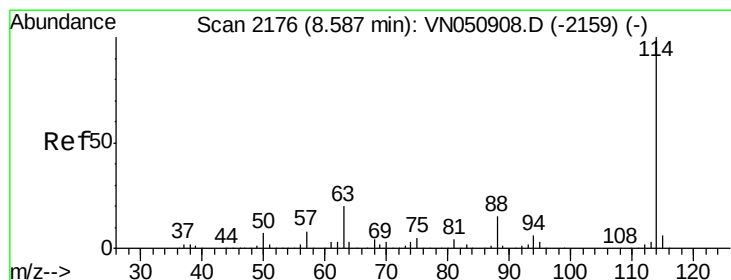
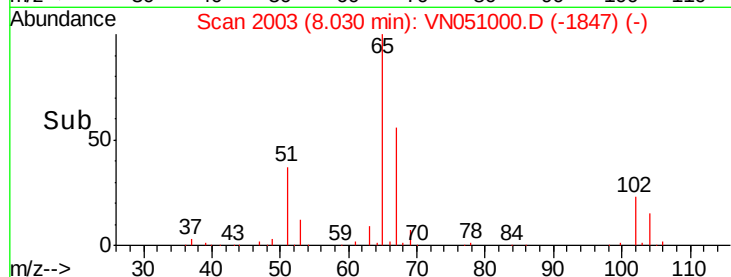
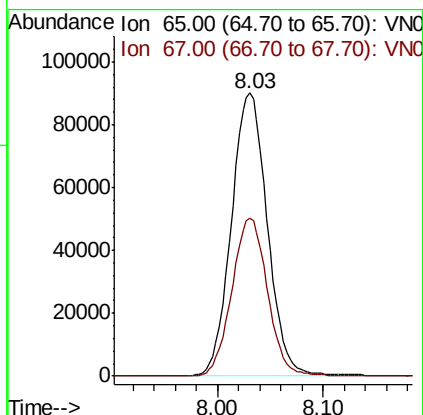
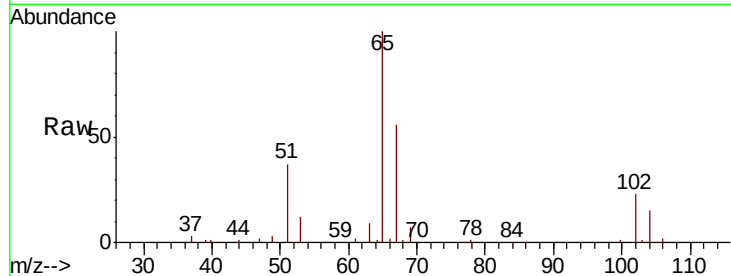




#27
 1,2-Dichloroethane-d4
 Concen: 30.09 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN051000.D
 Acq: 31 Aug 2018 20:34

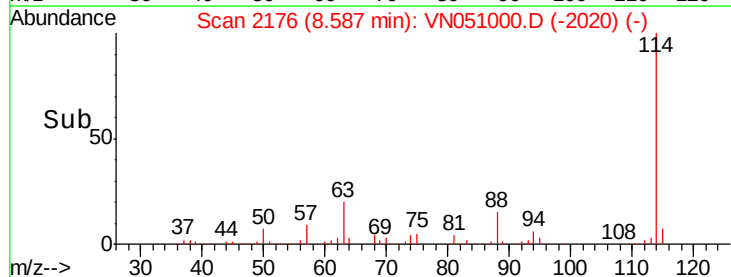
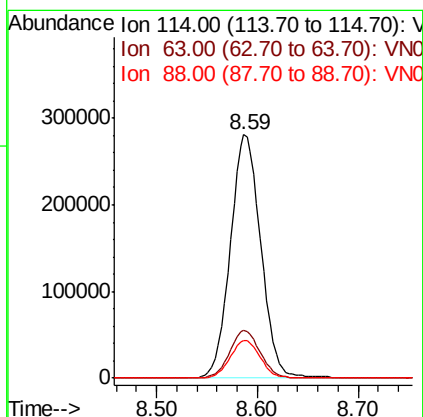
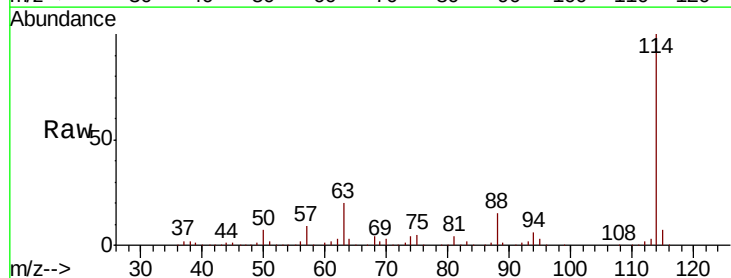
Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE(AUG)

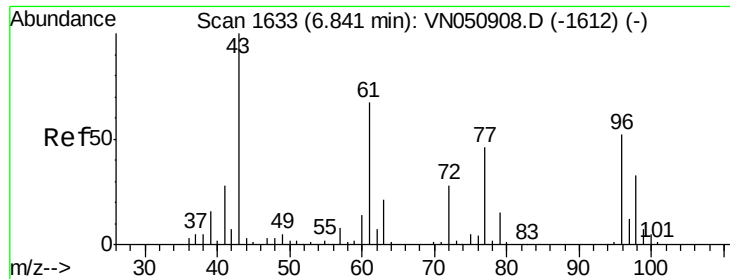
Tot Ion: 65 Resp: 213094
 Ion Ratio Lower Upper
 65 100
 67 55.2 43.7 65.5



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN051000.D
 Acq: 31 Aug 2018 20:34

Tgt Ion: 114 Resp: 589457
 Ion Ratio Lower Upper
 114 100
 63 19.6 15.6 23.4
 88 15.3 12.2 18.4

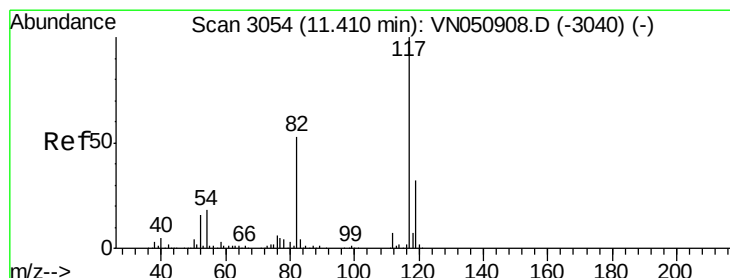
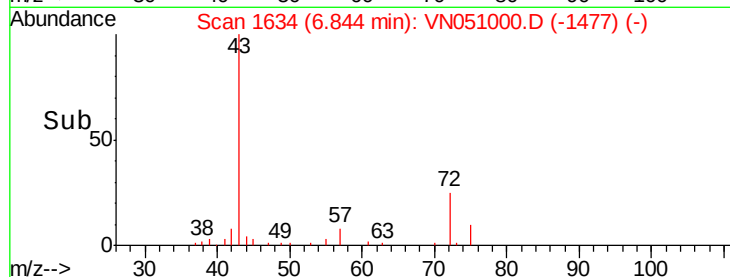
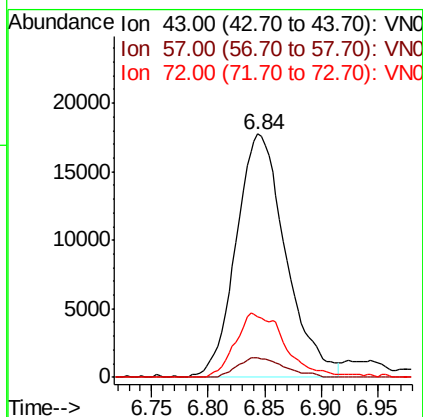
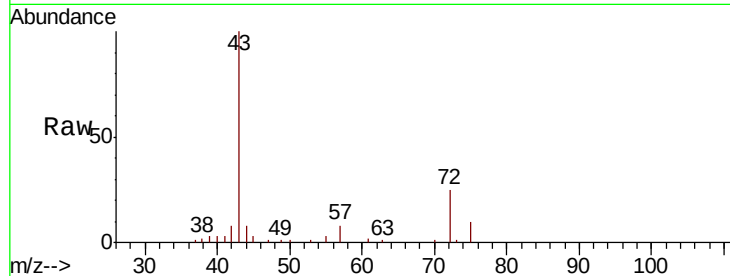




#30
2-Butanone
Concen: 19.96 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN051000.D
Acq: 31 Aug 2018 20:34

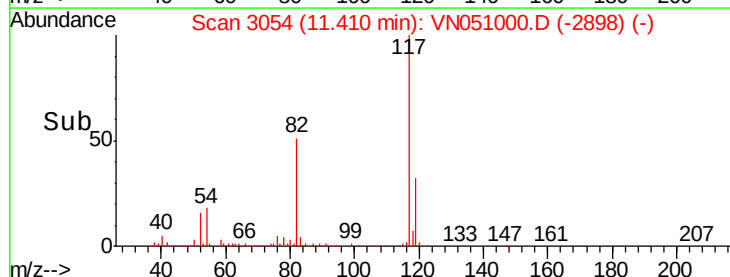
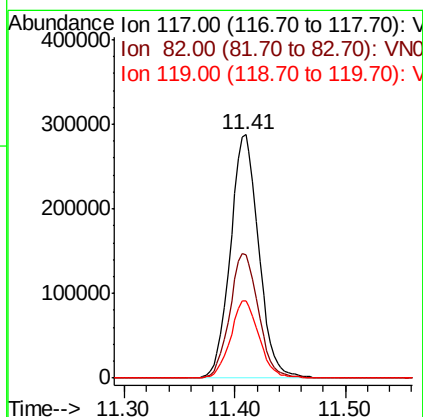
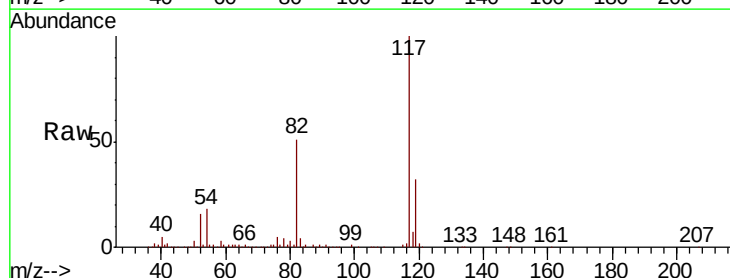
Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)

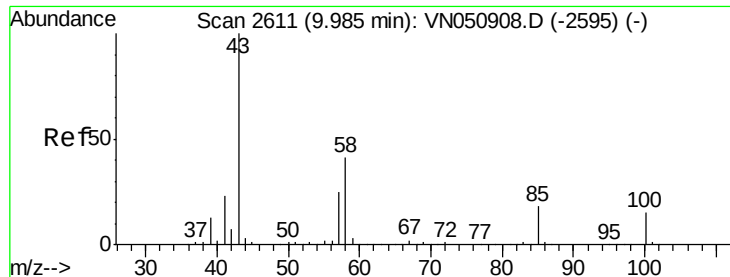
Tot Ion: 43 Resp: 54186
Ion Ratio Lower Upper
43 100
57 7.3 6.9 10.3
72 16.8 22.8 34.2#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN051000.D
Acq: 31 Aug 2018 20:34

Tgt Ion: 117 Resp: 513204
Ion Ratio Lower Upper
117 100
82 51.9 42.6 64.0
119 31.9 25.7 38.5

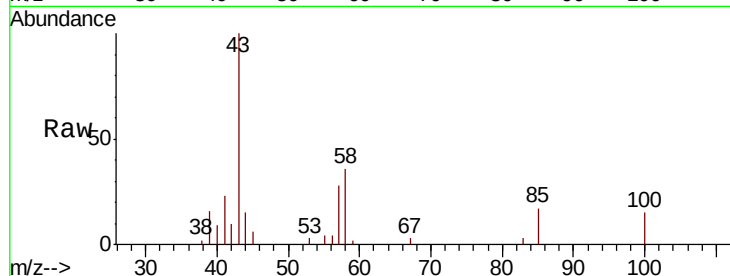




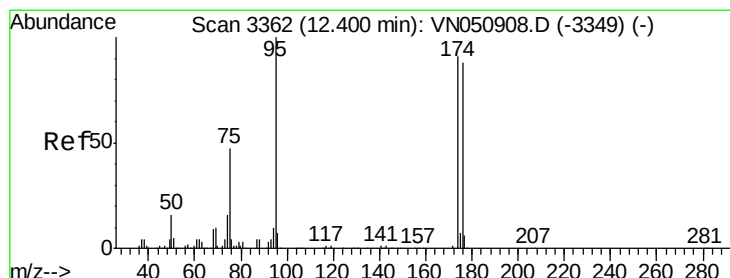
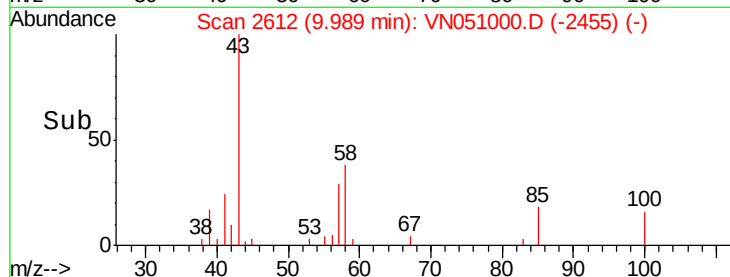
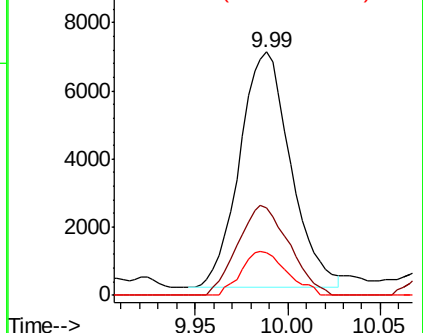
#58
 4-Methyl-2-Pentanone
 Concen: 2.24 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN051000.D
 Acq: 31 Aug 2018 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE(AUG)

Tot Ion: 43 Resp: 13162
 Ion Ratio Lower Upper
 43 100
 58 38.4 32.3 48.5
 85 16.6 14.9 22.3

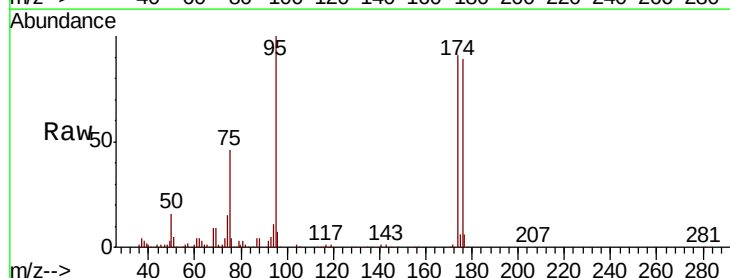


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0

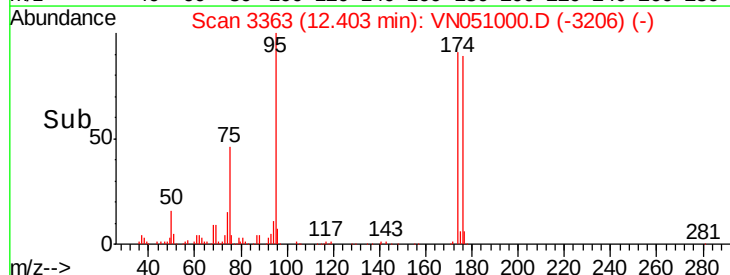
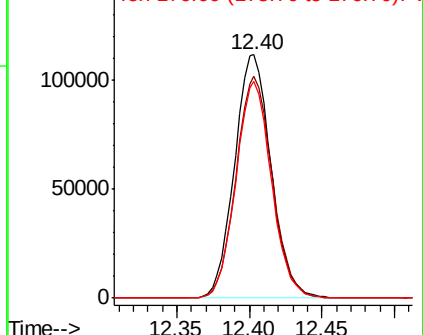


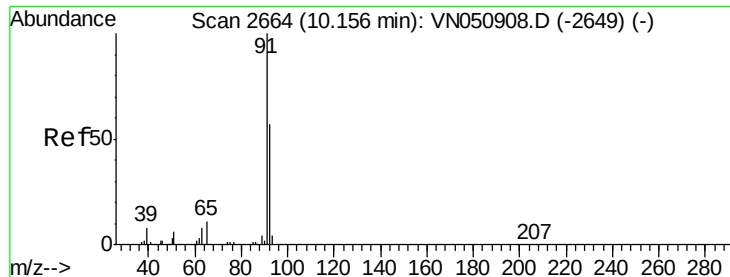
#60
 4-Bromofluorobenzene
 Concen: 25.60 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN051000.D
 Acq: 31 Aug 2018 20:34

Tgt Ion: 95 Resp: 195370
 Ion Ratio Lower Upper
 95 100
 174 90.5 74.6 112.0
 176 86.7 71.5 107.3



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: 504.84 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN051000.D

Acq: 31 Aug 2018 20:34

Instrument :

MSVOA_N

ClientSampleId :

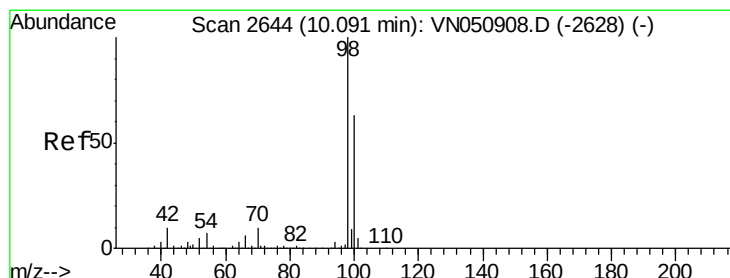
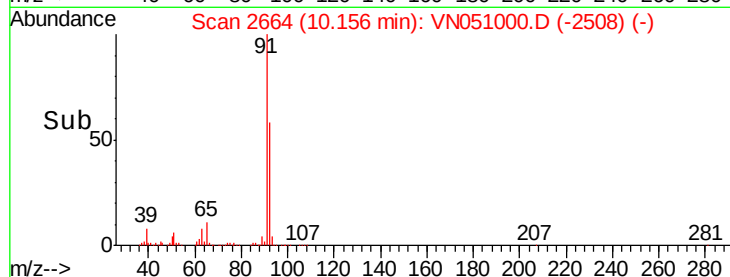
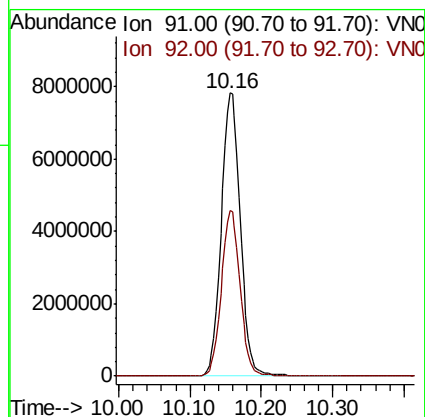
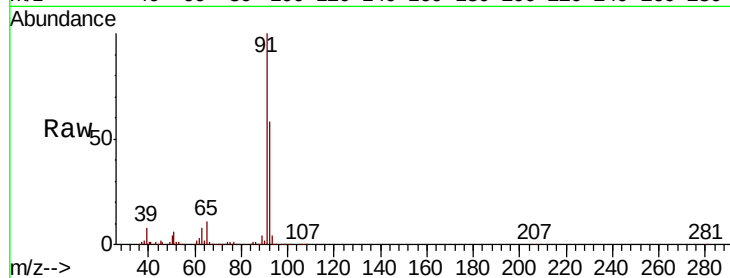
002M-35TH-AVE(AUG)

Tot Ion: 91 Resp:14454182

Ion Ratio Lower Upper

91 100

92 57.8 45.8 68.8



#63

Toluene-d8

Concen: 29.01 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN051000.D

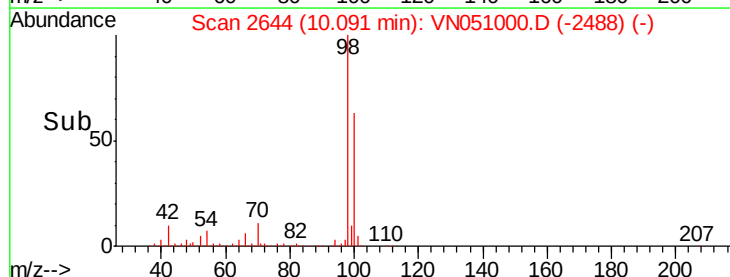
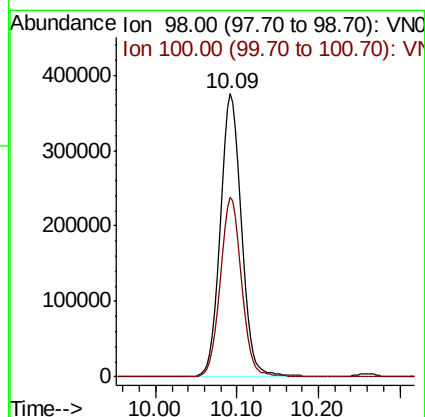
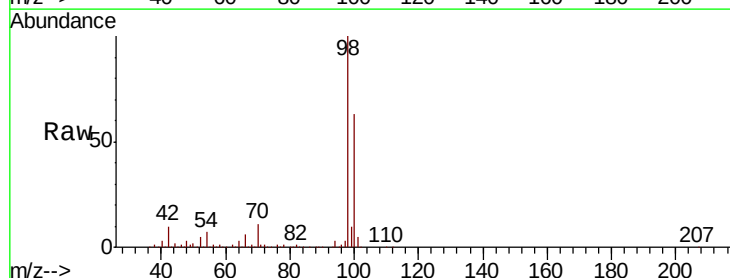
Acq: 31 Aug 2018 20:34

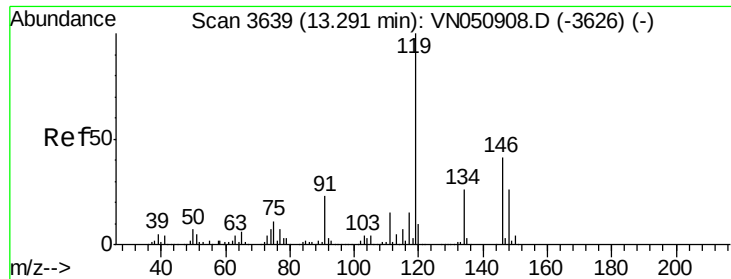
Tgt Ion: 98 Resp: 694313

Ion Ratio Lower Upper

98 100

100 63.5 50.6 75.8

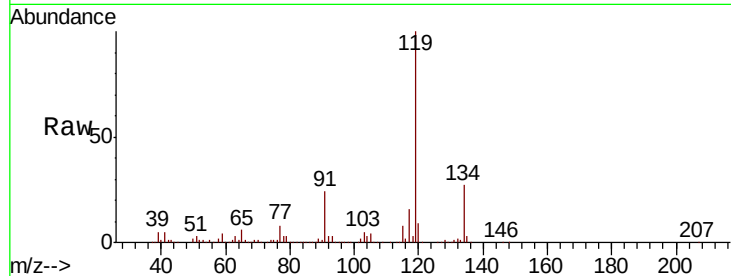




#82
p-Isopropyltoluene
Concen: 12.95 ug/l
RT: 13.29 min Scan# 3639
Delta R.T. 0.00 min
Lab File: VN051000.D
Acq: 31 Aug 2018 20:34

Instrument :
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Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	0.0	53.2
91	23.3	0.0	46.0

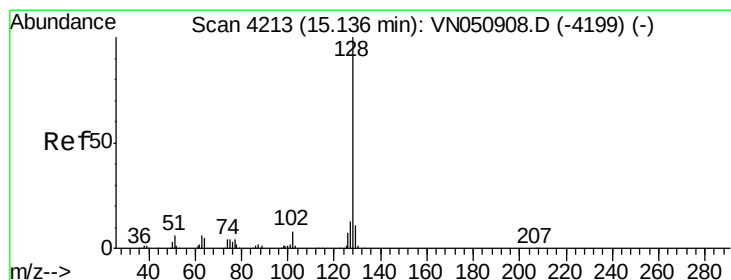
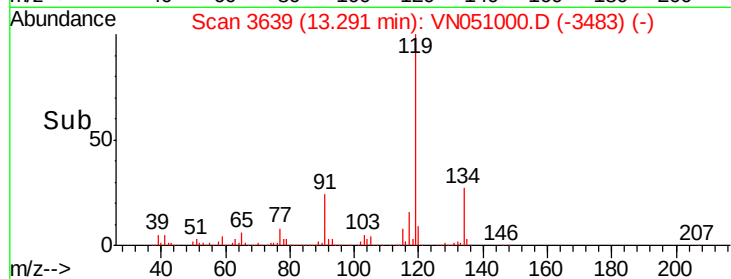
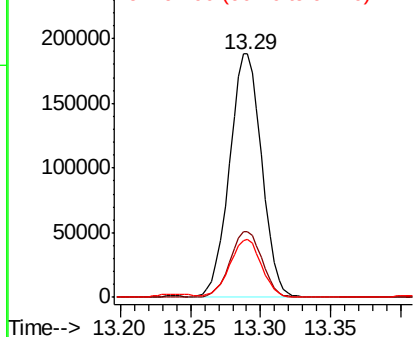


Abundance

Ion 119.00 (118.70 to 119.70): V

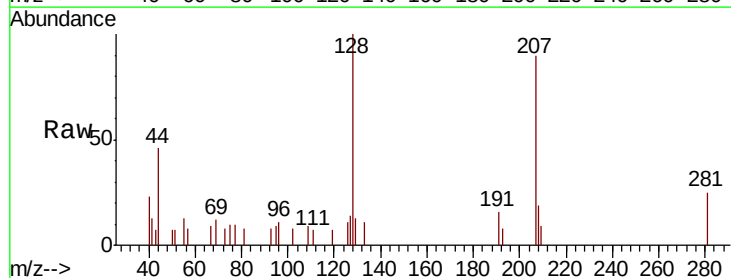
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#91
Naphthalene
Concen: 8.81 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN051000.D
Acq: 31 Aug 2018 20:34

Tgt Ion	Ratio	Lower	Upper
128	100		
127	9.6	10.6	16.0#
129	9.5	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

