

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101518\
 Data File : VN051871.D
 Acq On : 15 Oct 2018 13:57
 Operator : MD\SY
 Sample : J5510-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-OCT

Quant Time: Oct 16 16:08:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	127776	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	727475	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	619906	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	243392	31.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.33%
60) 4-Bromofluorobenzene	12.40	95	231685	25.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.40%
63) Toluene-d8	10.09	98	829890	30.83	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.77%

Target Compounds

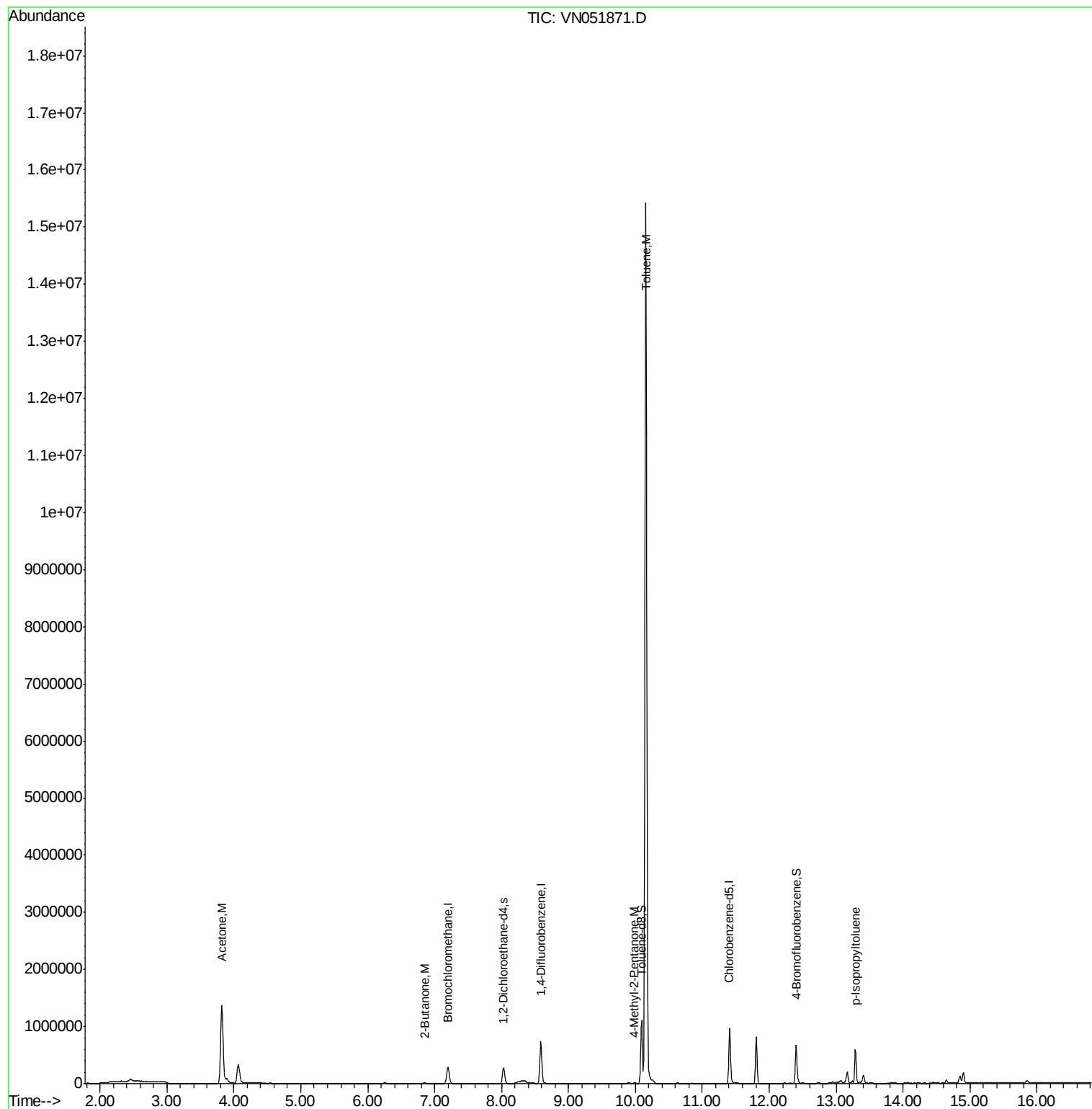
						Qvalue
15) Acetone	3.82	58	761753	1887.36	ug/l	96
30) 2-Butanone	6.85	43	24597	12.55	ug/l #	97
58) 4-Methyl-2-Pentanone	9.99	43	11345	2.73	ug/l #	86
62) Toluene	10.16	91	12444316	404.09	ug/l	98
82) p-Isopropyltoluene	13.29	119	340379	10.54	ug/l	98

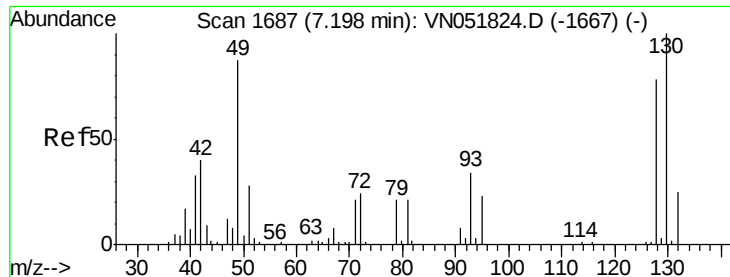
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051871.D

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MSVOA_N

ClientSampleId :

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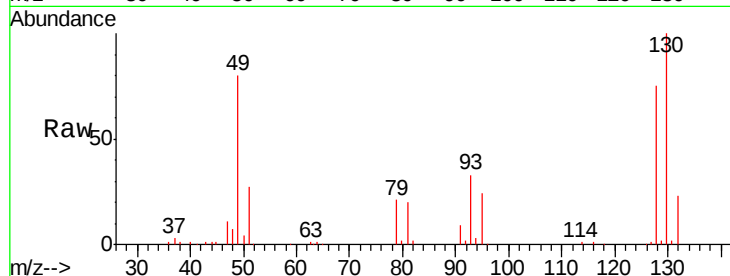
Tgt Ion:128 Resp: 127776

Ion Ratio Lower Upper

128 100

49 112.3 0.0 403.3

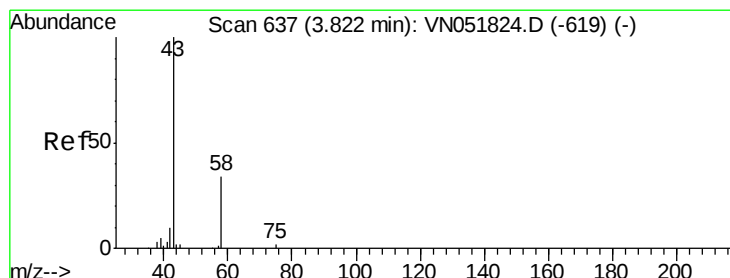
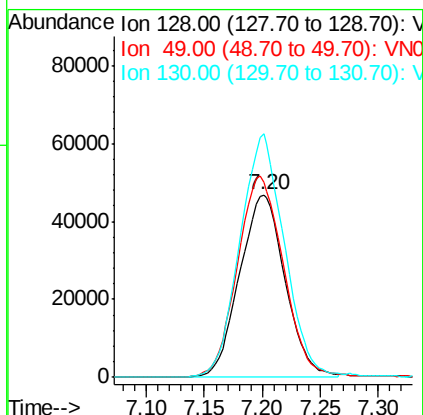
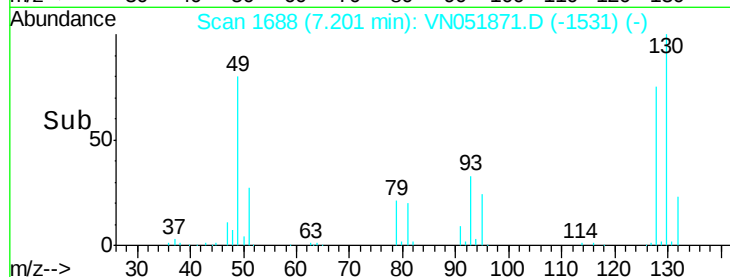
130 130.6 0.0 326.0



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: 1887.36 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN051871.D

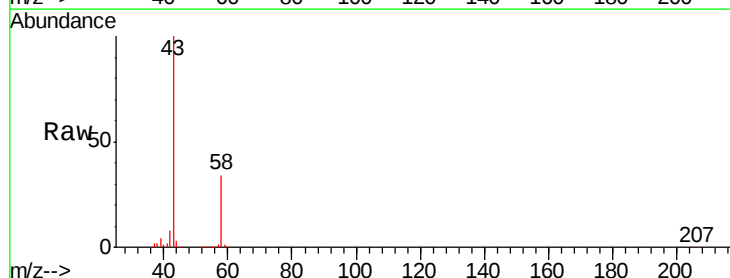
Acq: 15 Oct 2018 13:57

Tgt Ion: 58 Resp: 761753

Ion Ratio Lower Upper

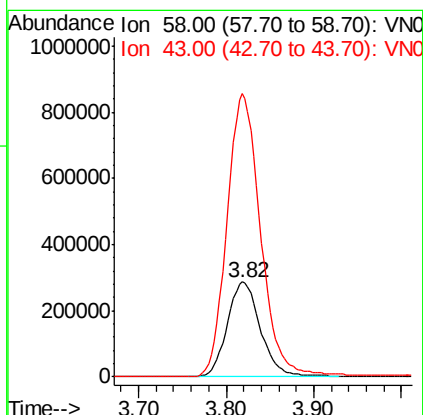
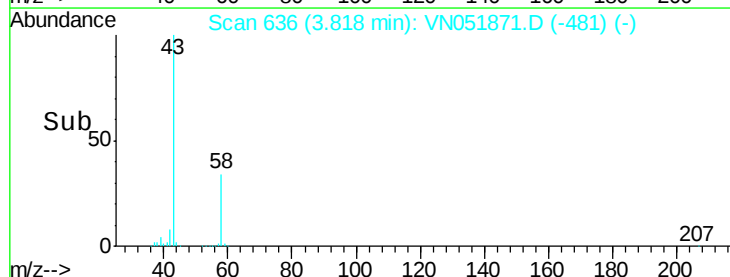
58 100

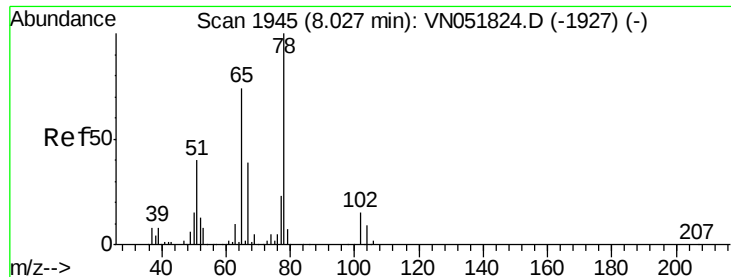
43 298.2 232.2 348.2



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: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051871.D

Acq: 15 Oct 2018 13:57

Instrument :

MSVOA_N

ClientSampleId :

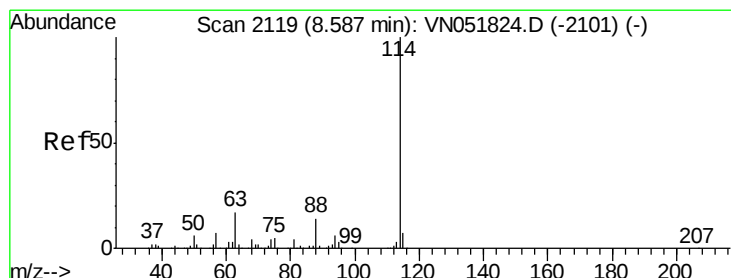
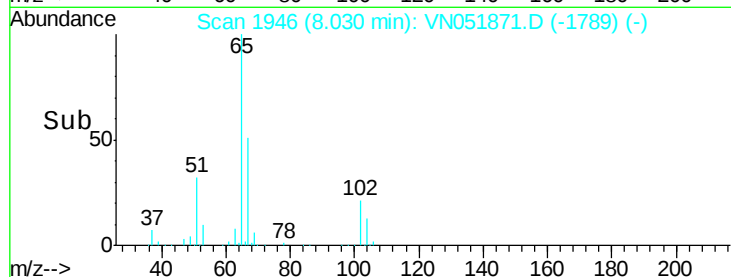
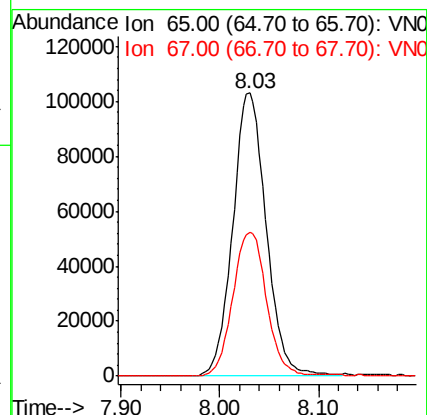
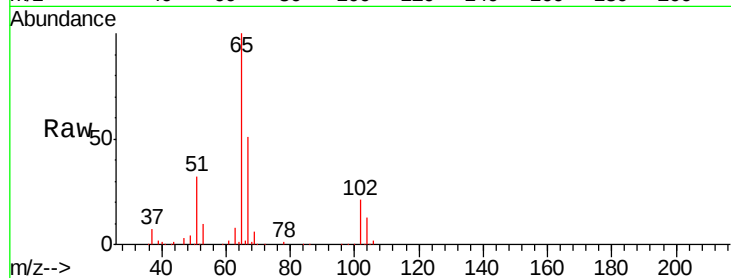
002M-35TH-AVE-OCT

Tgt Ion: 65 Resp: 243392

Ion Ratio Lower Upper

65 100

67 51.4 41.8 62.8



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051871.D

Acq: 15 Oct 2018 13:57

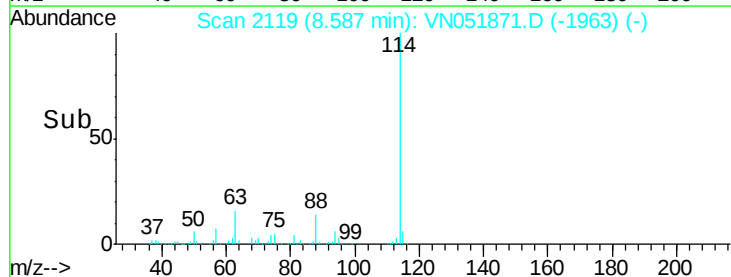
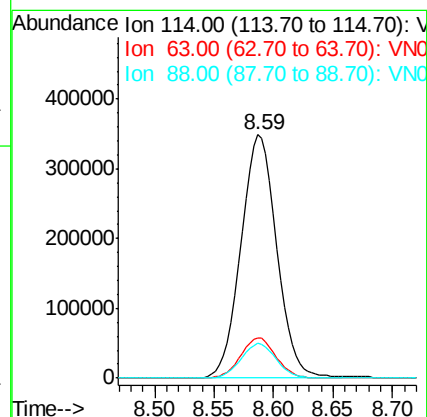
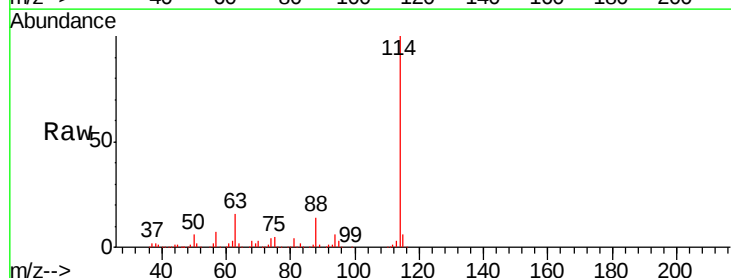
Tgt Ion: 114 Resp: 727475

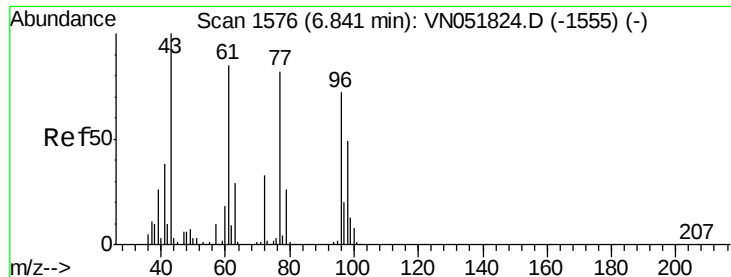
Ion Ratio Lower Upper

114 100

63 16.3 16.2 24.2

88 14.1 12.2 18.4

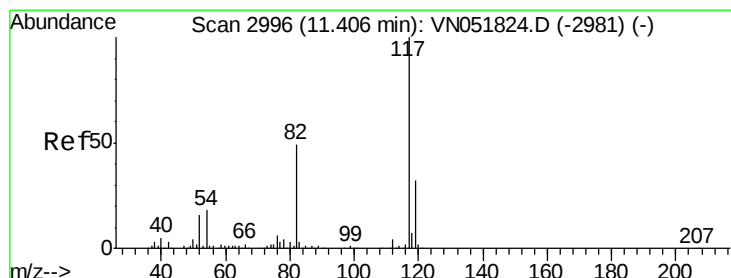
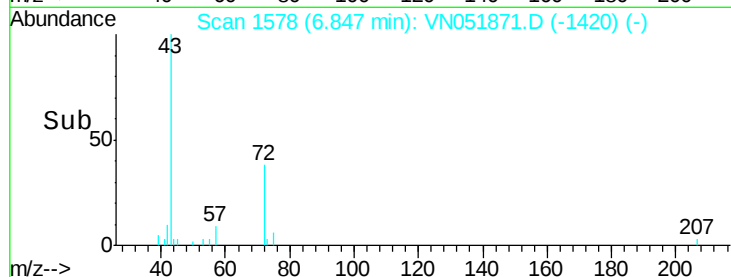
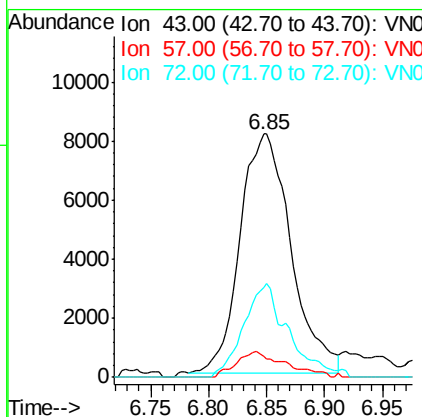
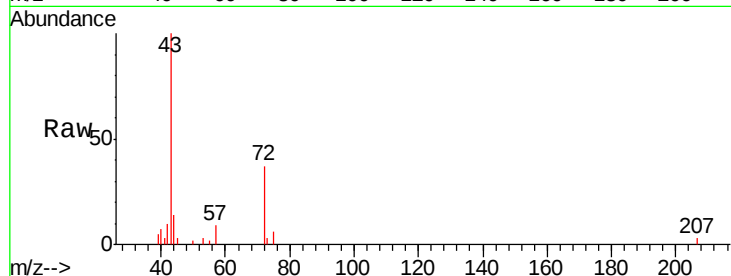




#30
2-Butanone
Concen: 12.55 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051871.D
Acq: 15 Oct 2018 13:57

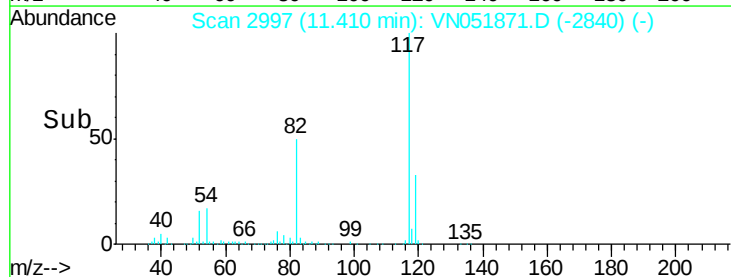
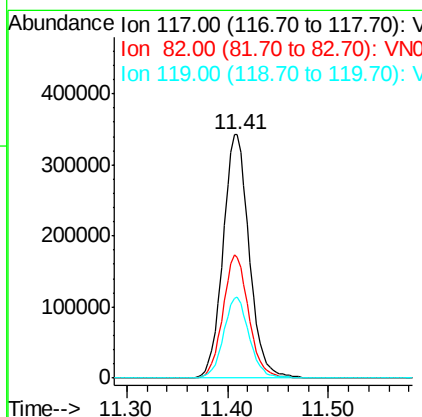
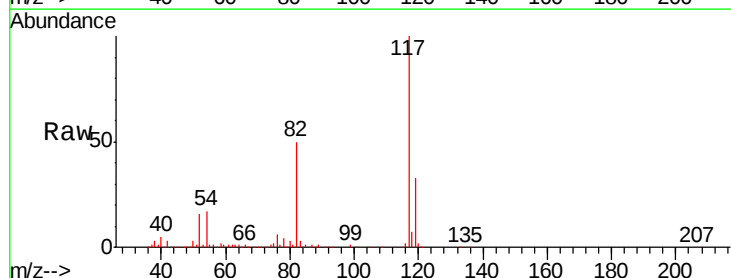
Instrument :
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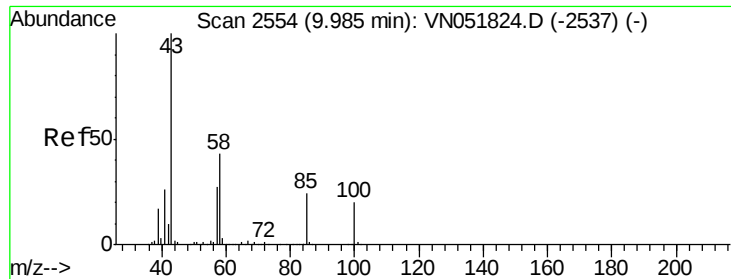
Tgt Ion: 43 Resp: 24597
Ion Ratio Lower Upper
43 100
57 7.5 4.5 6.7#
72 25.8 21.5 32.3



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051871.D
Acq: 15 Oct 2018 13:57

Tgt Ion: 117 Resp: 619906
Ion Ratio Lower Upper
117 100
82 49.9 44.1 66.1
119 32.6 25.8 38.8

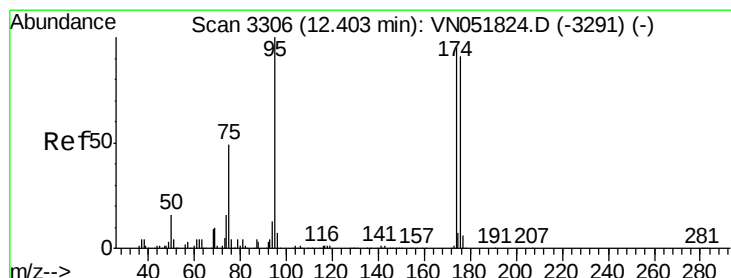
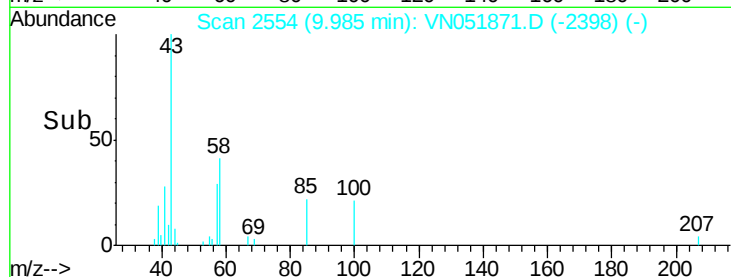
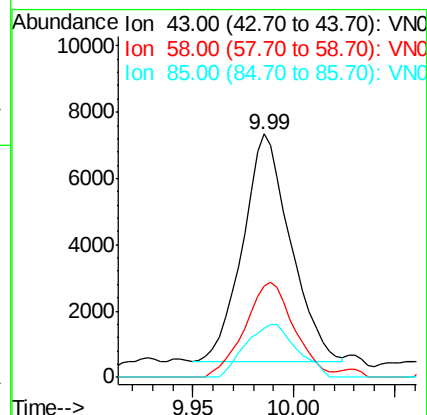
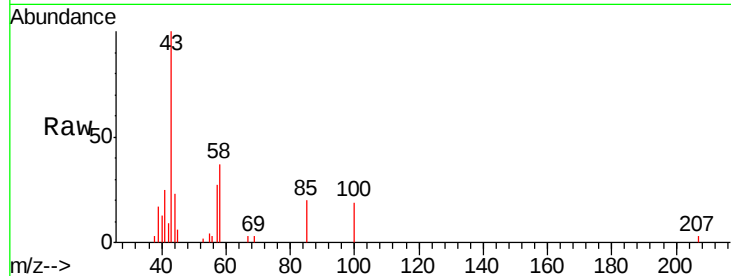




#58
 4-Methyl-2-Pentanone
 Concen: 2.73 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN051871.D
 Acq: 15 Oct 2018 13:57

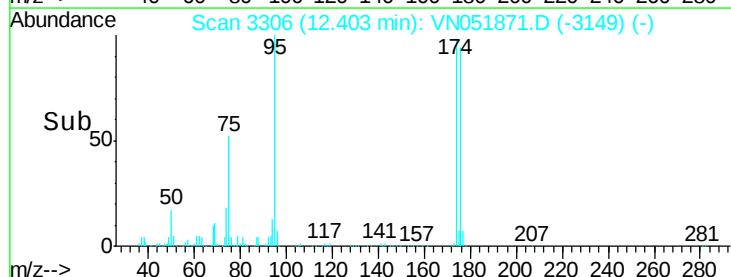
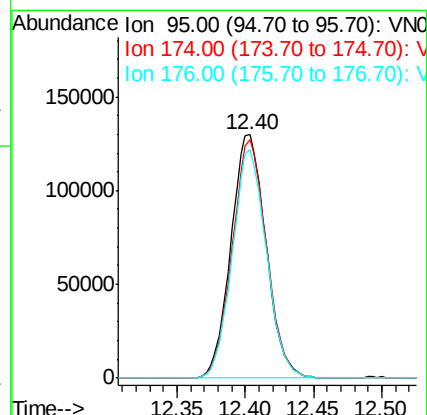
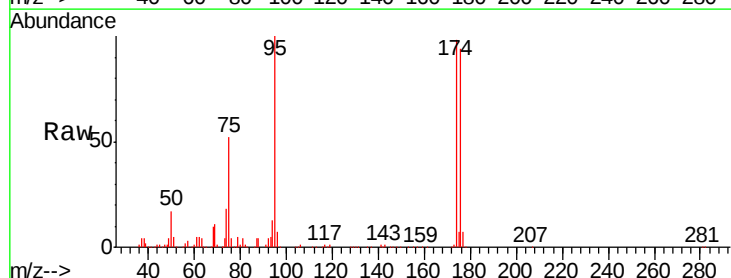
Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-OCT

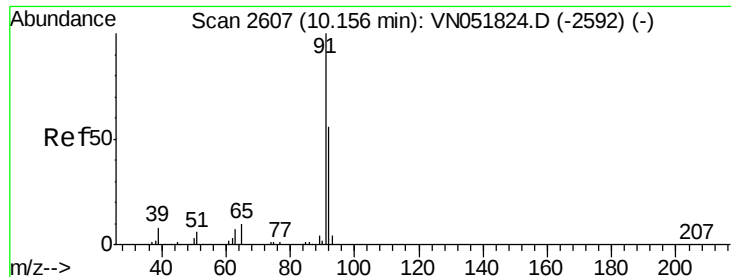
Tgt Ion	Ratio	Lower	Upper
43	100		
58	42.9	29.3	43.9
85	25.1	12.6	18.8#



#60
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051871.D
 Acq: 15 Oct 2018 13:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.9	73.5	110.3
176	91.8	70.2	105.2





#62

Toluene

Concen: 404.09 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051871.D

Acq: 15 Oct 2018 13:57

Instrument :

MSVOA_N

ClientSampleId :

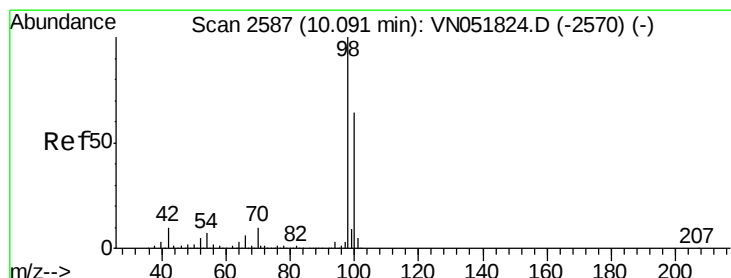
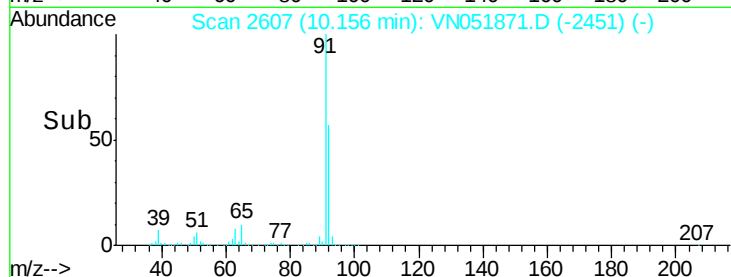
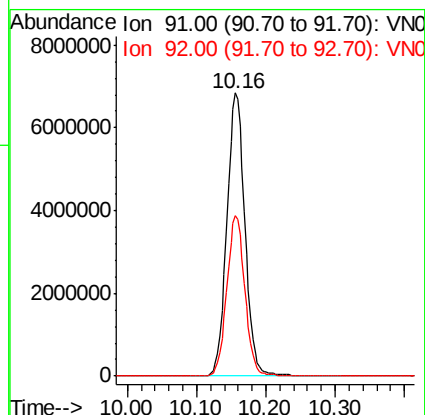
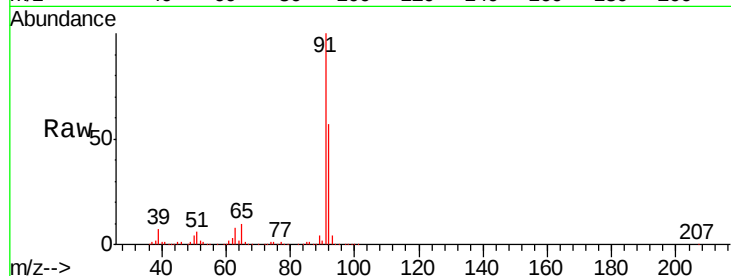
002M-35TH-AVE-OCT

Tgt Ion: 91 Resp:12444316

Ion Ratio Lower Upper

91 100

92 56.8 44.6 66.8



#63

Toluene-d8

Concen: 404.09 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051871.D

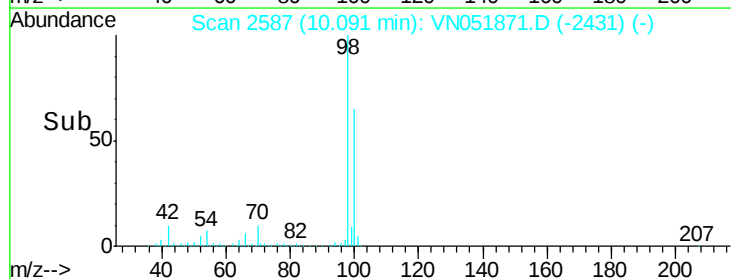
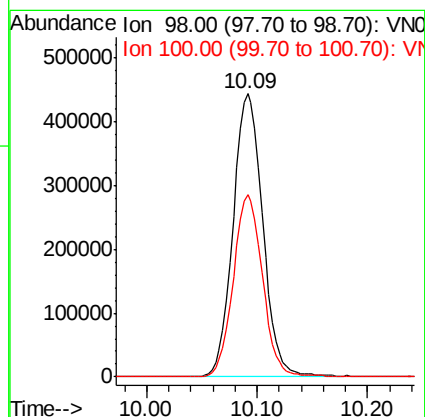
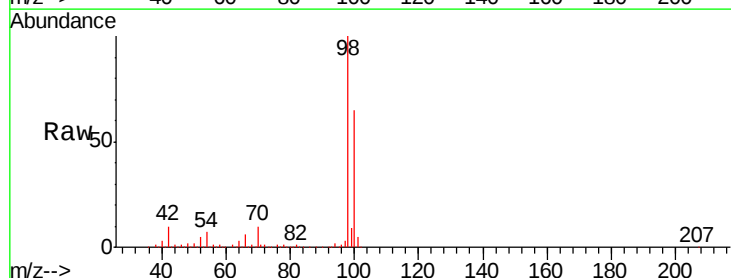
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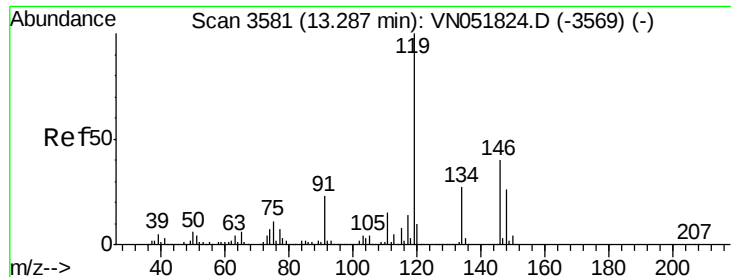
Tgt Ion: 98 Resp: 829890

Ion Ratio Lower Upper

98 100

100 63.5 50.8 76.2





#82
 p-Isopropyltoluene
 Concen: 10.54 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051871.D
 Acq: 15 Oct 2018 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE-OCT

Tgt Ion:	119	Resp:	340379
Ion	Ratio	Lower	Upper
119	100		
134	26.8	0.0	53.6
91	23.5	0.0	52.0

