

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051045.D
 Acq On : 7 Sep 2018 10:25
 Operator : MD\SY
 Sample : J4817-02DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVEDL

Quant Time: Sep 08 01:28:30 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	135922	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	650948	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	586711	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	256944	29.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.73%
60) 4-Bromofluorobenzene	12.40	95	196382	22.51	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	75.03%
63) Toluene-d8	10.09	98	787192	28.77	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.90%

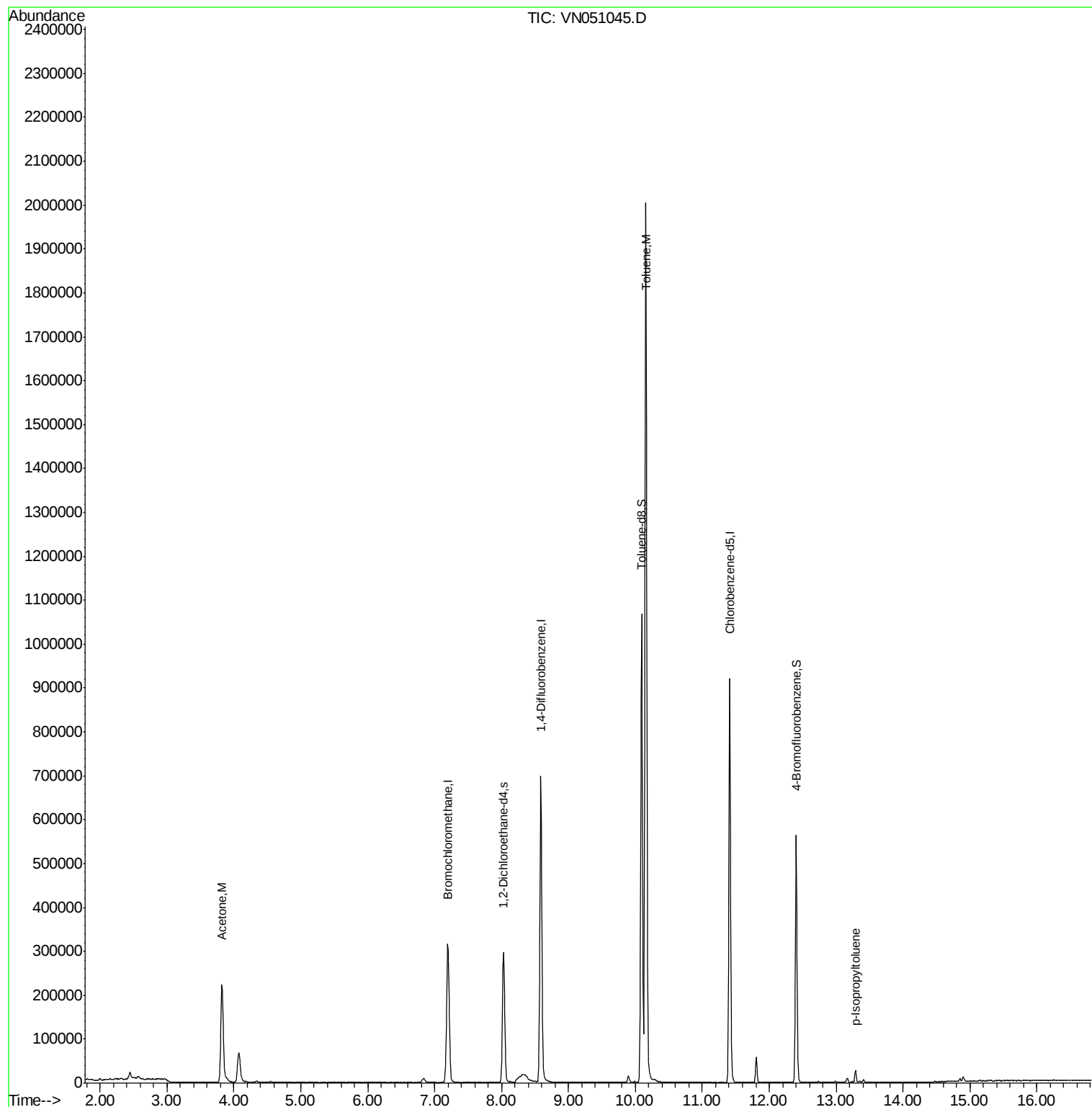
Target Compounds						Ovalue
15) Acetone	3.82	58	131746	179.30	ug/l	91
62) Toluene	10.16	91	1620215	49.50	ug/l	99
82) p-Isopropyltoluene	13.29	119	15380	0.58	ug/l	99

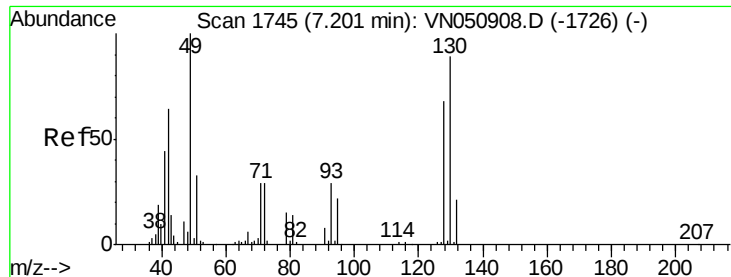
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051045.D

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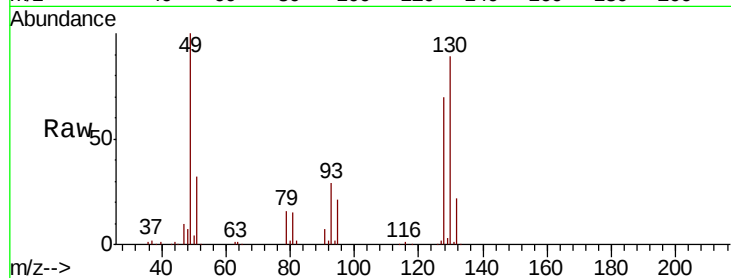
Tot Ion:128 Resp: 135922

Ion Ratio Lower Upper

128 100

49 142.6 0.0 380.3

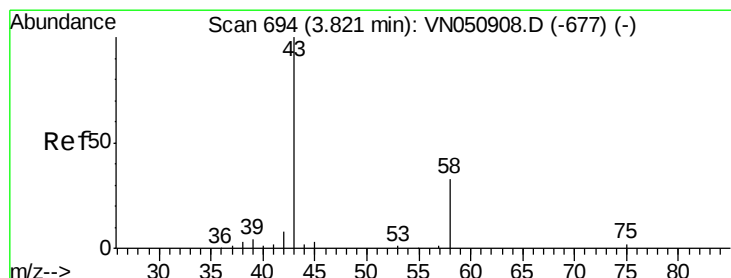
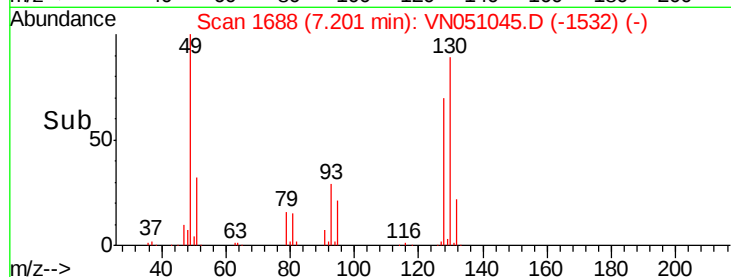
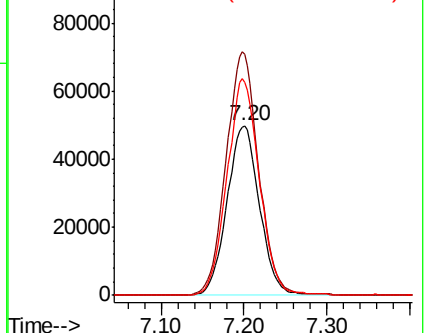
130 126.8 0.0 325.3



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: 179.30 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051045.D

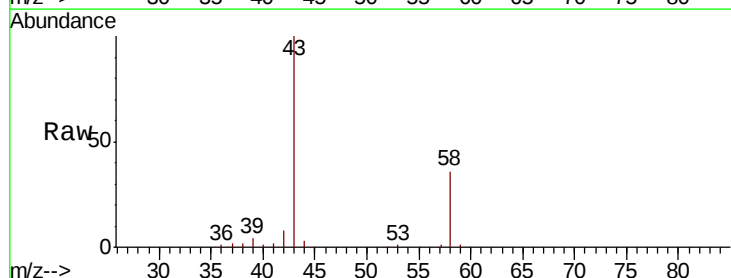
Acq: 7 Sep 2018 10:25

Tgt Ion: 58 Resp: 131746

Ion Ratio Lower Upper

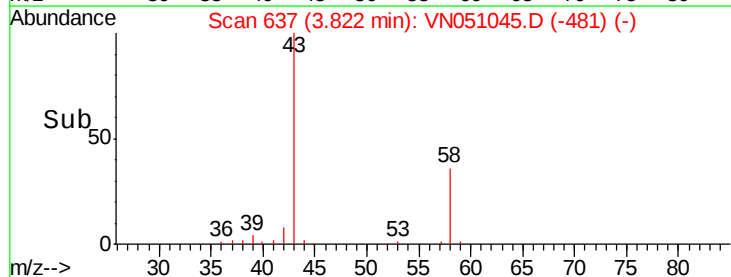
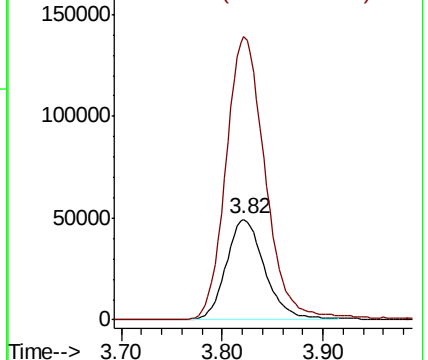
58 100

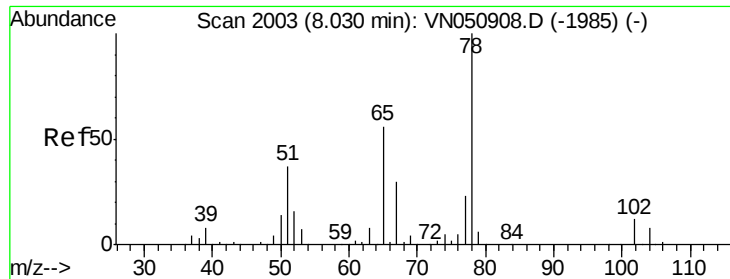
43 280.6 239.4 359.0



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: 29.62 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051045.D

Acq: 7 Sep 2018 10:25

Instrument :

MSVOA_N

ClientSampleId :

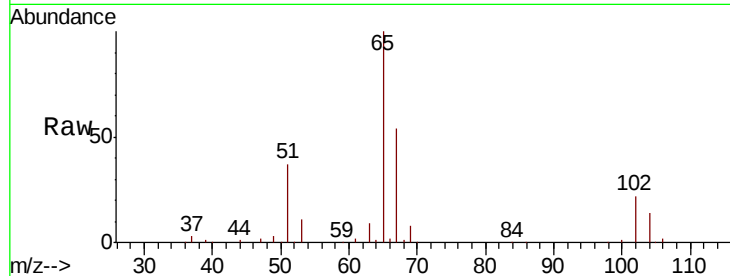
002M-35TH-AVEDL

Tot Ion: 65 Resp: 256944

Ion Ratio Lower Upper

65 100

67 54.8 43.7 65.5



Abundance Ion 65.00 (64.70 to 65.70): VN051045.D (-1946) (-)

Ion 67.00 (66.70 to 67.70): VN051045.D (-1946) (-)

8.03

120000

100000

80000

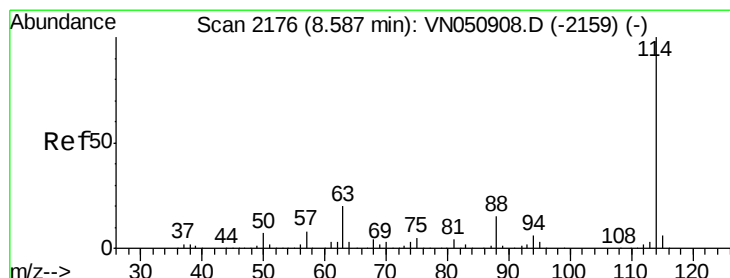
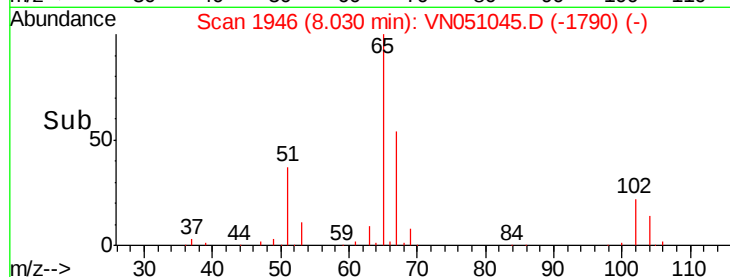
60000

40000

20000

0

Time-->



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051045.D

Acq: 7 Sep 2018 10:25

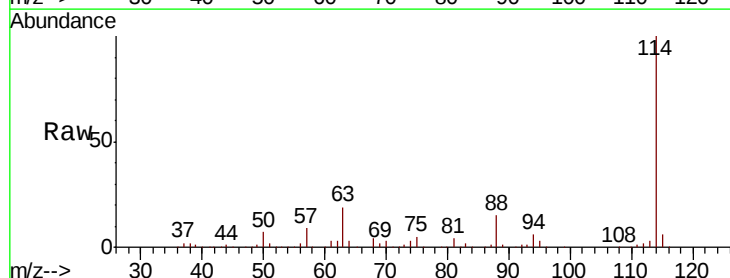
Tgt Ion: 114 Resp: 650948

Ion Ratio Lower Upper

114 100

63 19.1 15.6 23.4

88 15.3 12.2 18.4



Abundance Ion 114.00 (113.70 to 114.70): VN051045.D (-2120) (-)

Ion 63.00 (62.70 to 63.70): VN051045.D (-2120) (-)

Ion 88.00 (87.70 to 88.70): VN051045.D (-2120) (-)

8.59

400000

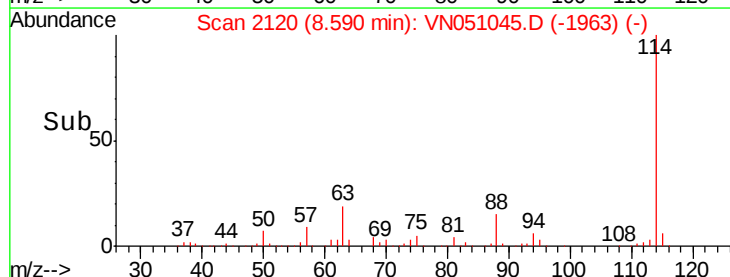
300000

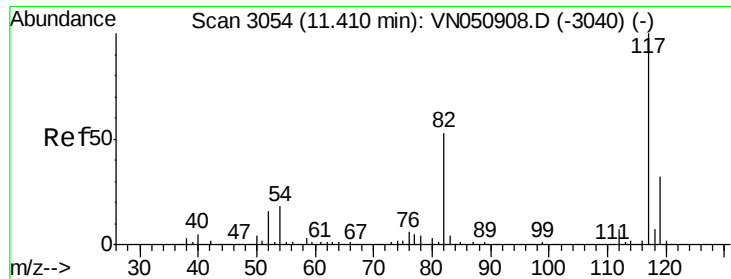
200000

100000

0

Time-->

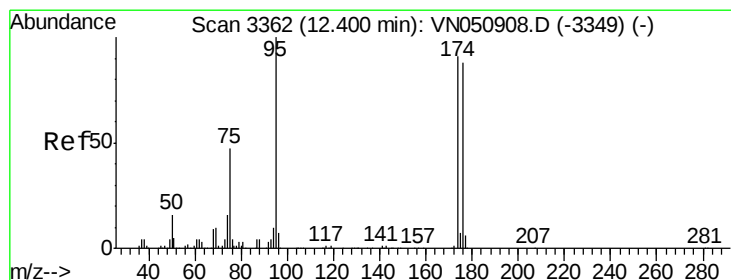
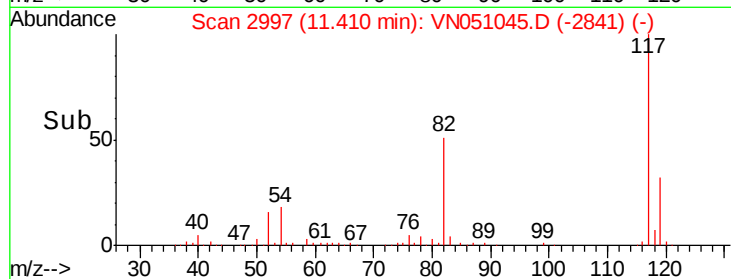
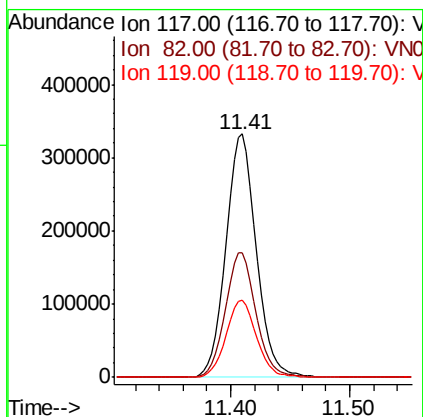
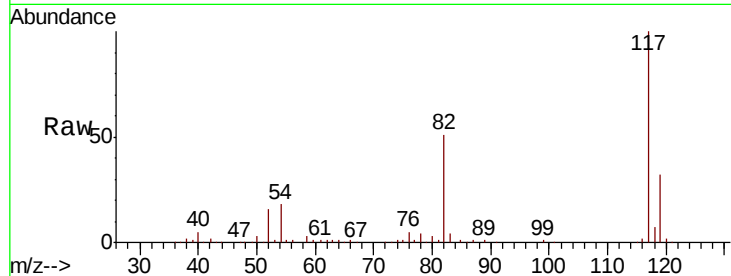




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051045.D
Acq: 7 Sep 2018 10:25

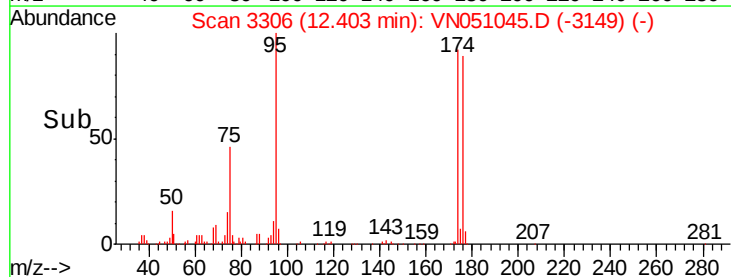
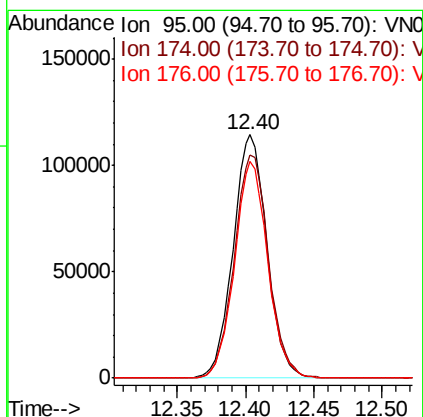
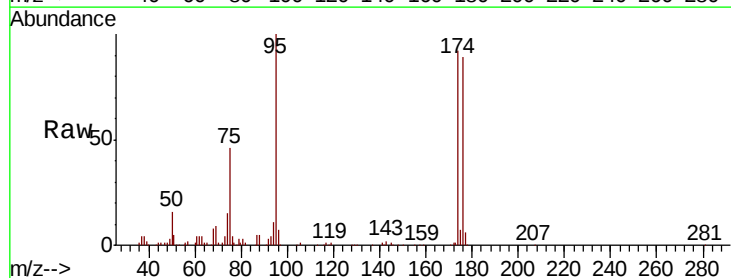
Instrument :
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002M-35TH-AVEDL

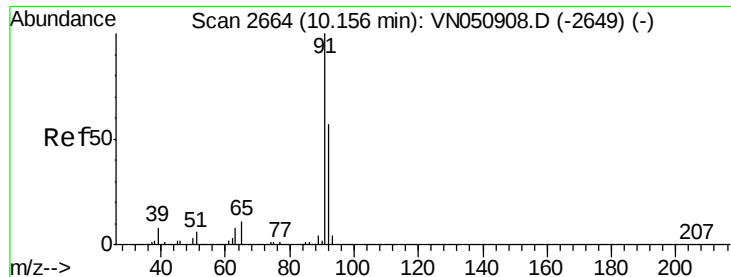
Tot Ion:117 Resp: 586711
Ion Ratio Lower Upper
117 100
82 51.7 42.6 64.0
119 32.0 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 22.51 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051045.D
Acq: 7 Sep 2018 10:25

Tgt Ion: 95 Resp: 196382
Ion Ratio Lower Upper
95 100
174 93.6 74.6 112.0
176 88.0 71.5 107.3





#62

Toluene

Concen: 49.50 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051045.D

Acq: 7 Sep 2018 10:25

Instrument :

MSVOA_N

ClientSampleId :

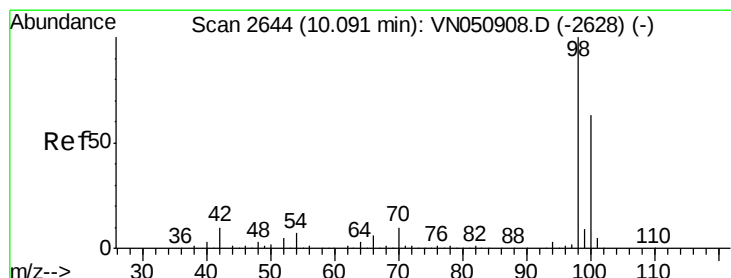
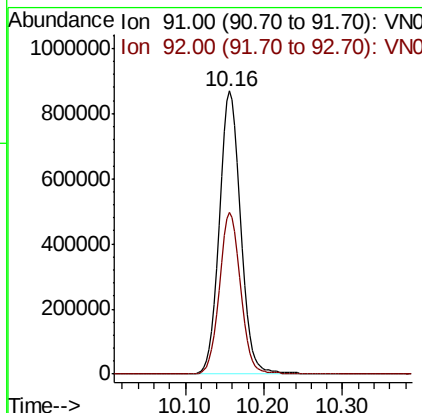
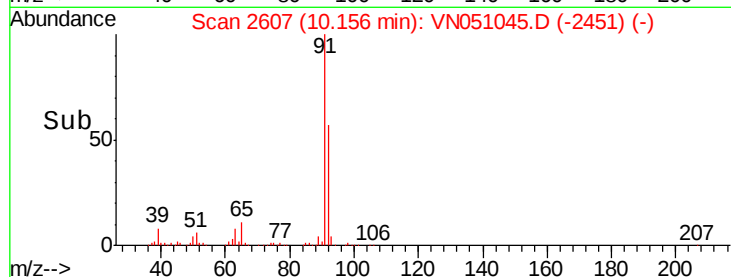
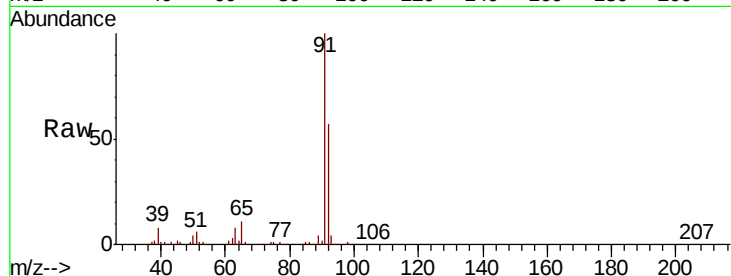
002M-35TH-AVEDL

Tot Ion: 91 Resp: 1620215

Ion Ratio Lower Upper

91 100

92 56.9 45.8 68.8



#63

Toluene-d8

Concen: 28.77 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051045.D

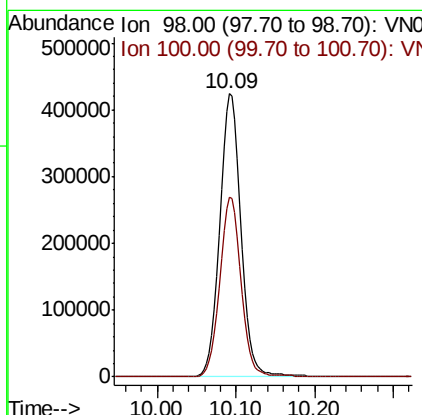
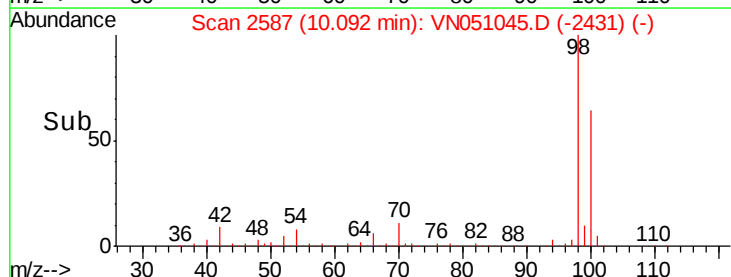
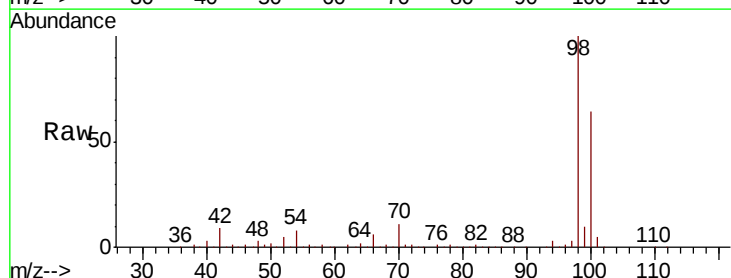
Acq: 7 Sep 2018 10:25

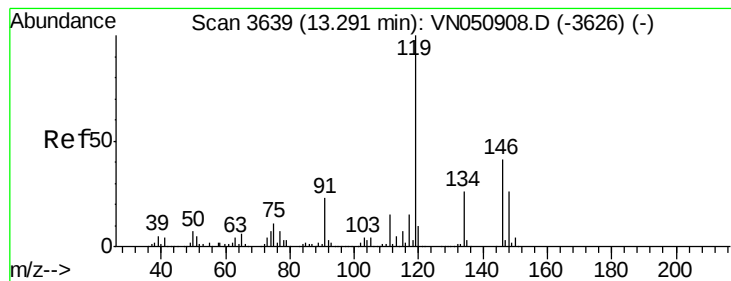
Tgt Ion: 98 Resp: 787192

Ion Ratio Lower Upper

98 100

100 63.7 50.6 75.8





#82

p-Isopropyltoluene

Concen: 0.58 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051045.D

Acq: 7 Sep 2018 10:25

Instrument :

MSVOA_N

ClientSampleId :

002M-35TH-AVEDL

Tot Ion:119 Resp: 15380

Ion Ratio Lower Upper

119 100

134 27.3 0.0 53.2

91 22.2 0.0 46.0

