

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052751.D
 Acq On : 10 Dec 2018 14:17
 Operator : MD\SY
 Sample : PB115448TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115448TB

Quant Time: Dec 11 02:31:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

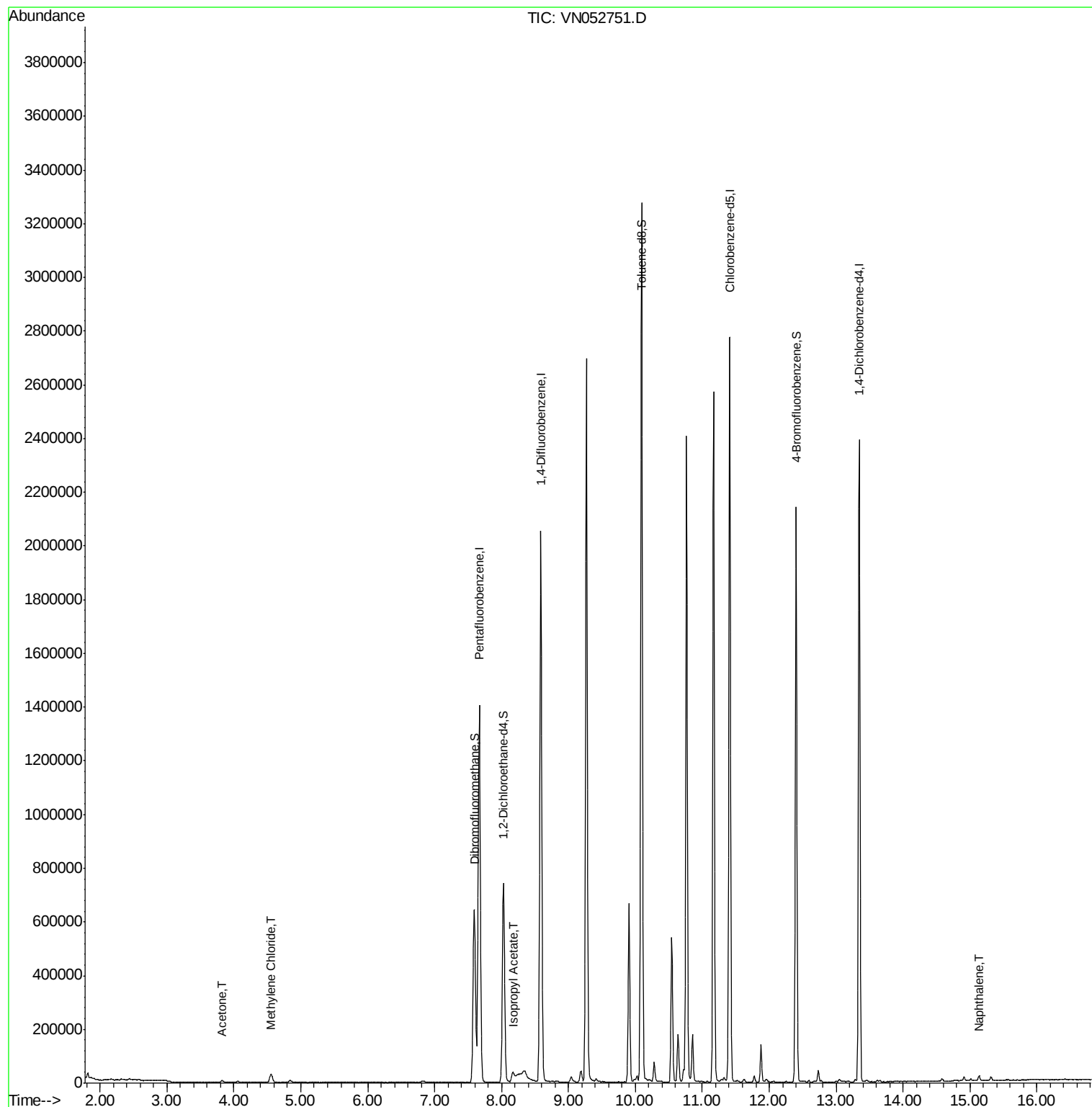
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1232296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1893564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1655993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	668923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	634767	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
35) Dibromofluoromethane	7.59	113	506947	43.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.86%	
50) Toluene-d8	10.09	98	2324703	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.40	95	743271	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
Target Compounds						
16) Acetone	3.82	43	10640	3.007	ug/l	94
20) Methylene Chloride	4.55	84	23151	1.672	ug/l	98
43) Isopropyl Acetate	8.17	43	54262	2.938	ug/l #	81
95) Naphthalene	15.14	128	16616	4.043	ug/l	98

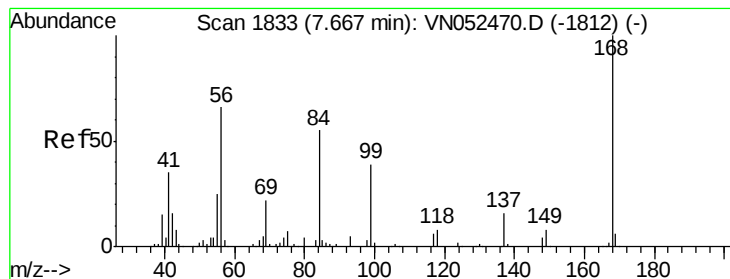
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052751.D

Acq: 10 Dec 2018 14:17

Instrument :

MSVOA_N

ClientSampleId :

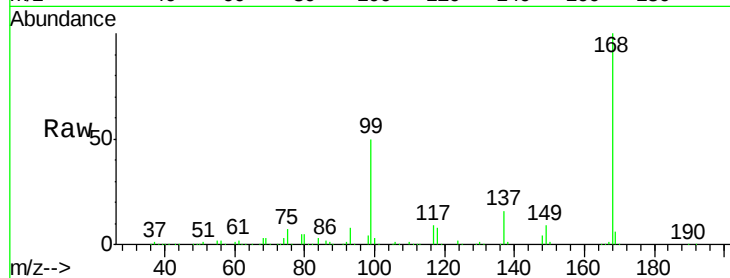
PB115448TB

Tot Ion:168 Resp: 1232296

Ion Ratio Lower Upper

168 100

99 50.3 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052751.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052751.D (-1740) (-)

7.67

600000

500000

400000

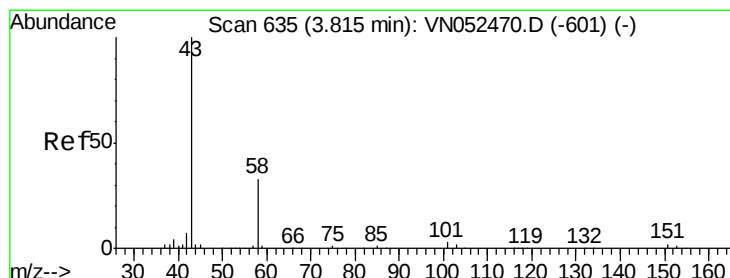
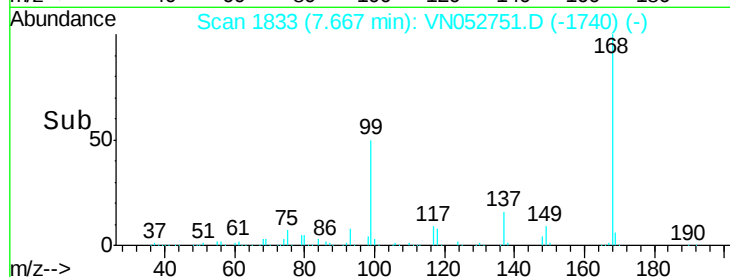
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 3.007 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052751.D

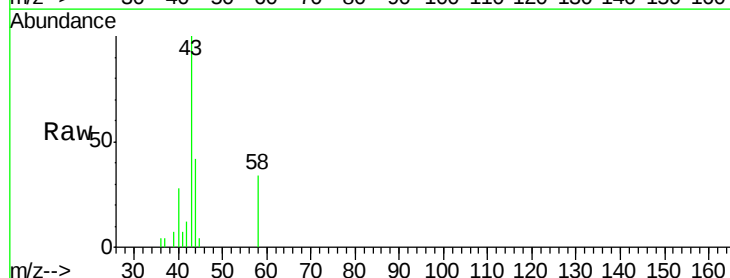
Acq: 10 Dec 2018 14:17

Tgt Ion: 43 Resp: 10640

Ion Ratio Lower Upper

43 100

58 35.9 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052751.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052751.D (-542) (-)

3.82

4000

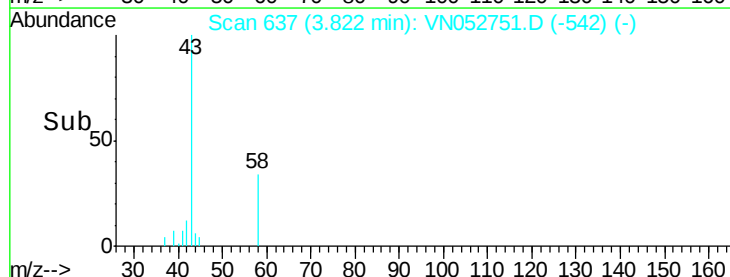
3000

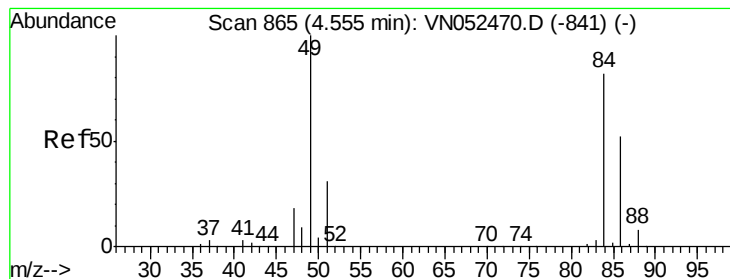
2000

1000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 1.672 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052751.D

Acq: 10 Dec 2018 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB115448TB

Tot Ion: 84 Resp: 23151

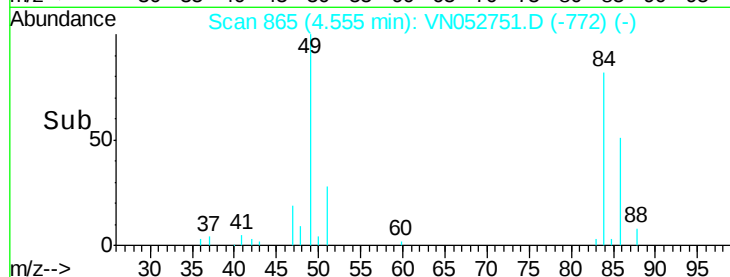
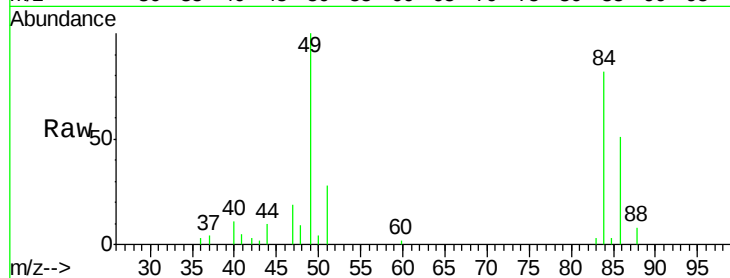
Ion Ratio Lower Upper

84 100

49 122.0 98.0 147.0

51 34.3 30.1 45.1

86 62.5 50.7 76.1

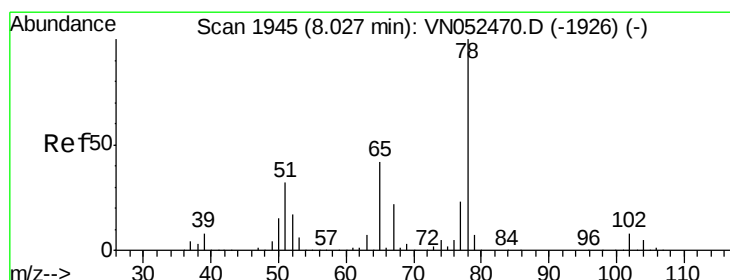
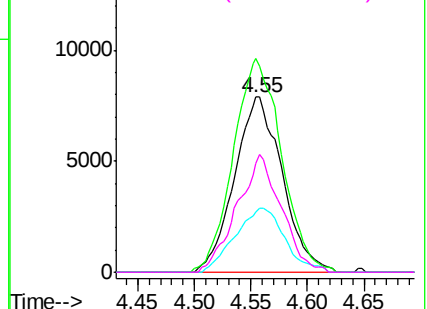


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052751.D

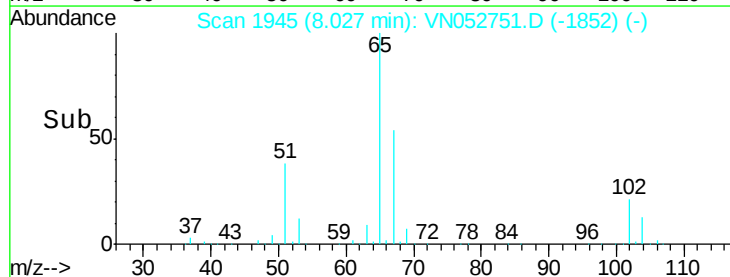
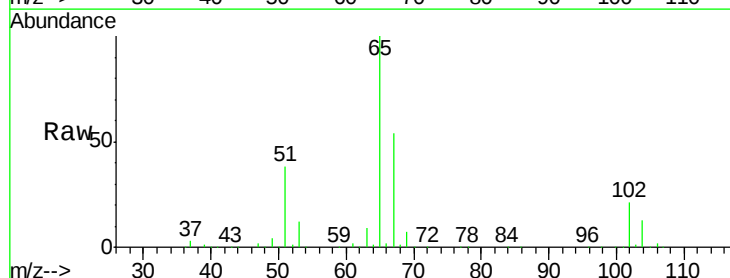
Acq: 10 Dec 2018 14:17

Tgt Ion: 65 Resp: 634767

Ion Ratio Lower Upper

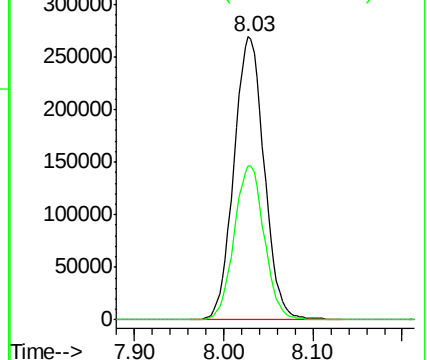
65 100

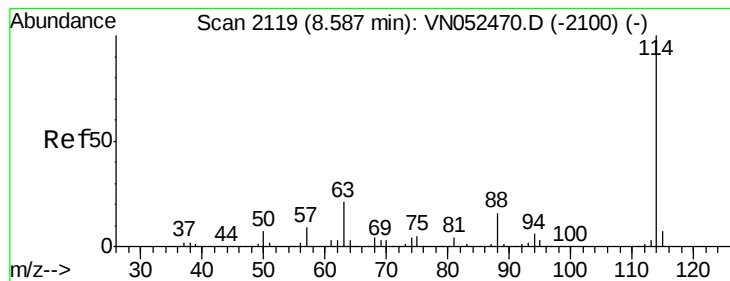
67 54.2 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052751.D

Acq: 10 Dec 2018 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB115448TB

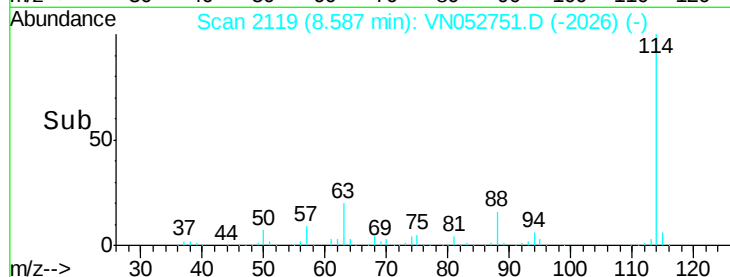
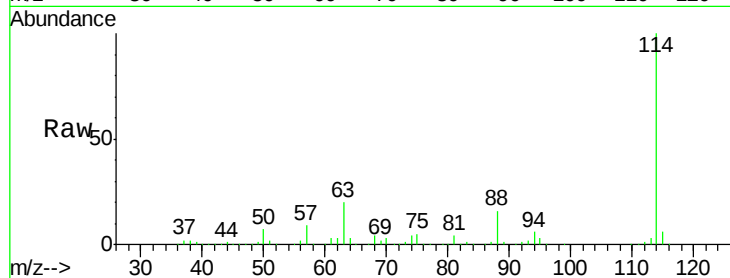
Tot Ion:114 Resp: 1893564

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.8

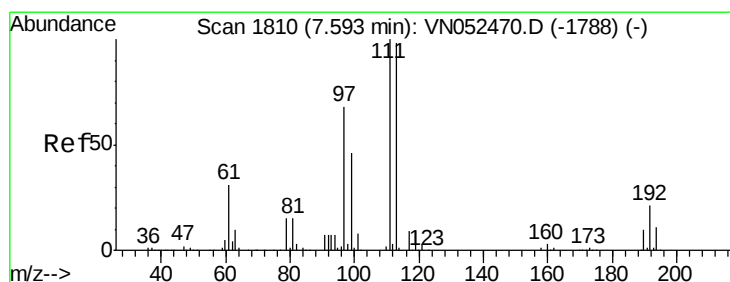
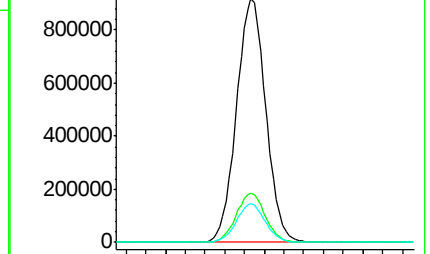
88 15.9 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052751.D

Acq: 10 Dec 2018 14:17

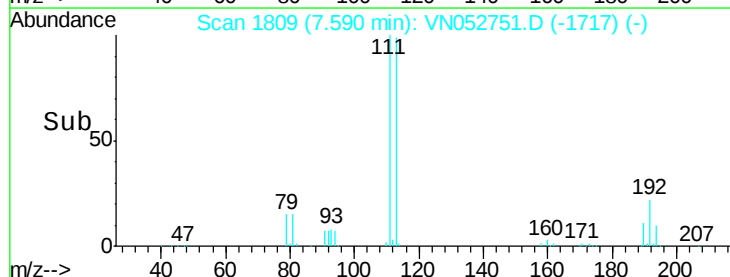
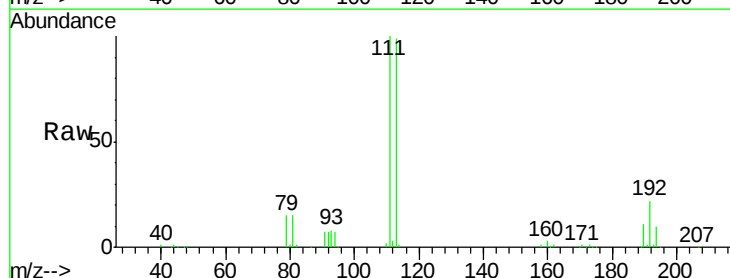
Tgt Ion:113 Resp: 506947

Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

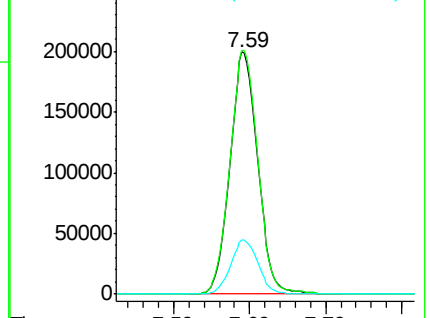
192 22.1 17.0 25.6

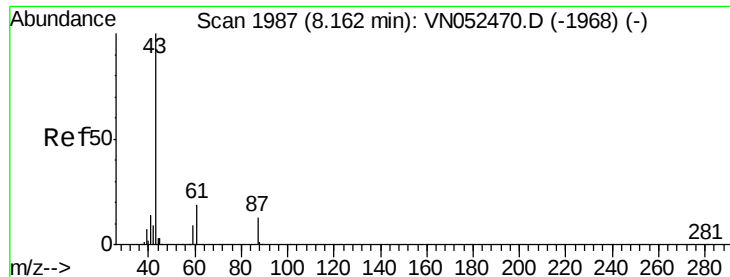


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.938 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052751.D

Acq: 10 Dec 2018 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB115448TB

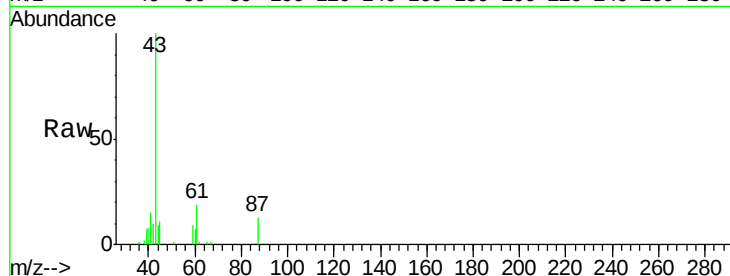
Tot Ion: 43 Resp: 54262

Ion Ratio Lower Upper

43 100

61 16.7 24.1 36.1#

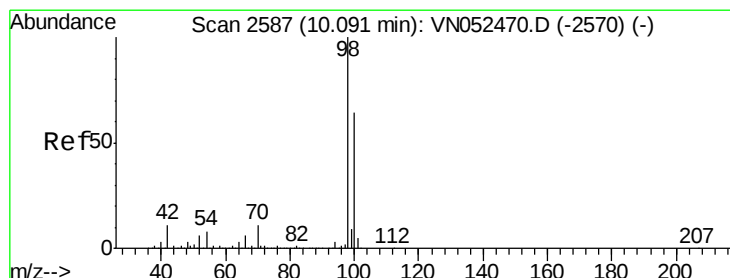
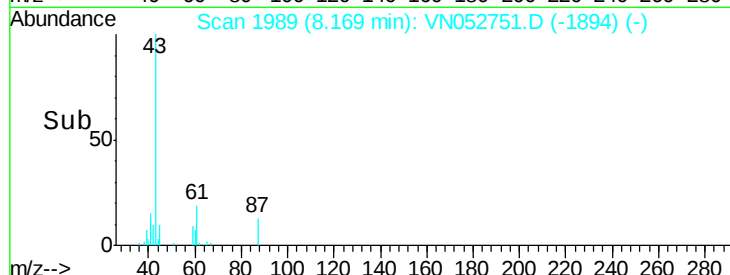
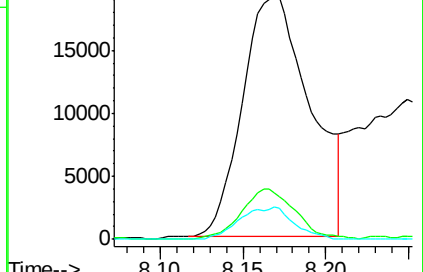
87 10.6 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052751.D

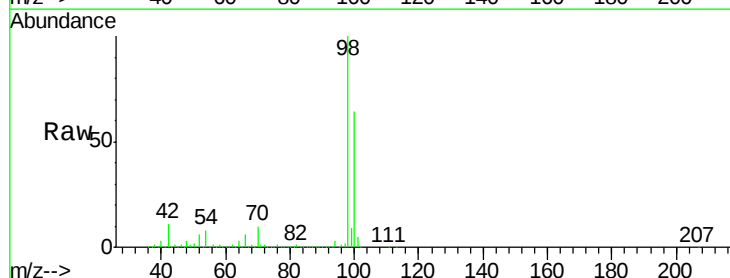
Acq: 10 Dec 2018 14:17

Tgt Ion: 98 Resp: 2324703

Ion Ratio Lower Upper

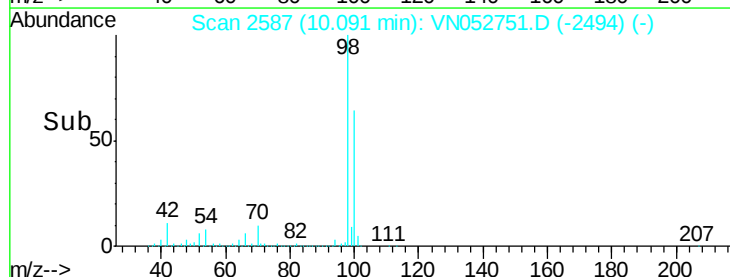
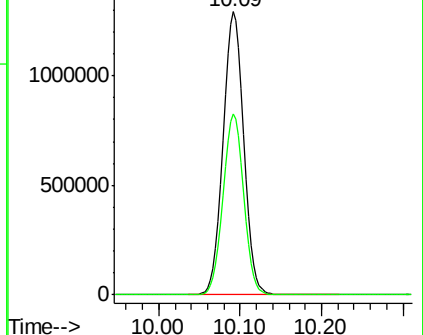
98 100

100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

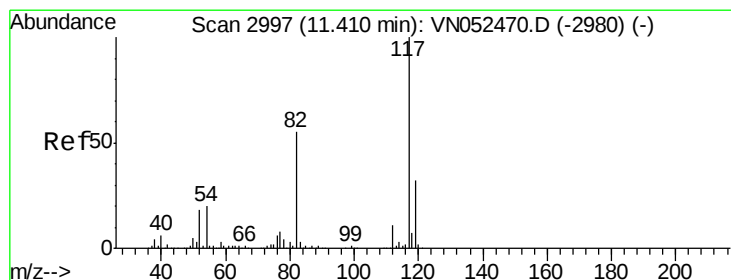
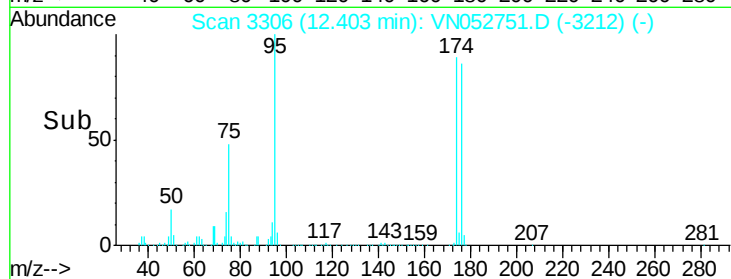
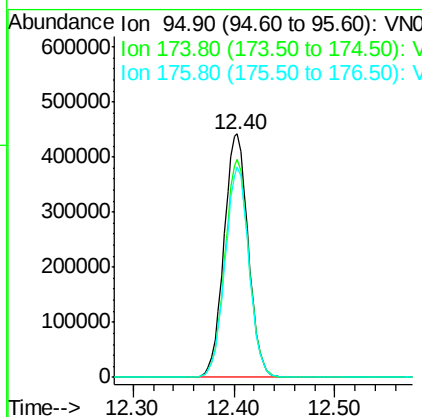
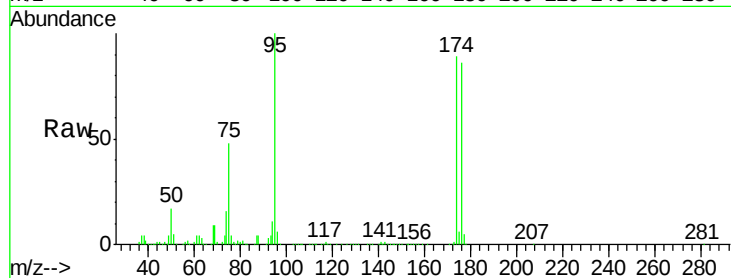




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052751.D
Acq: 10 Dec 2018 14:17

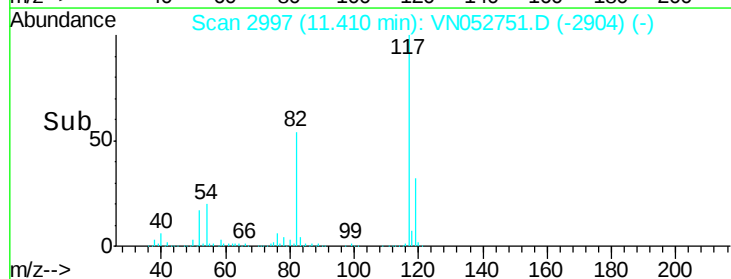
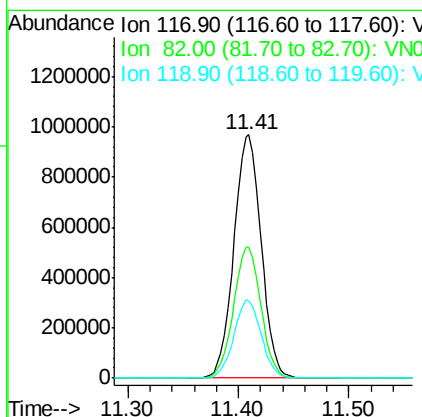
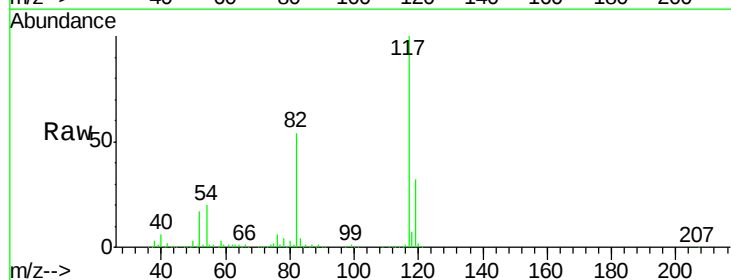
Instrument :
MSVOA_N
ClientSampleId :
PB115448TB

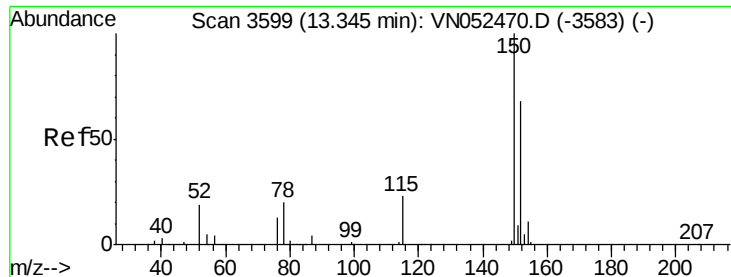
Tot Ion: 95 Resp: 743271
Ion Ratio Lower Upper
95 100
174 88.3 0.0 173.0
176 85.1 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052751.D
Acq: 10 Dec 2018 14:17

Tgt Ion: 117 Resp: 1655993
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052751.D

Acq: 10 Dec 2018 14:17

Instrument :

MSVOA_N

ClientSampleId :

PB115448TB

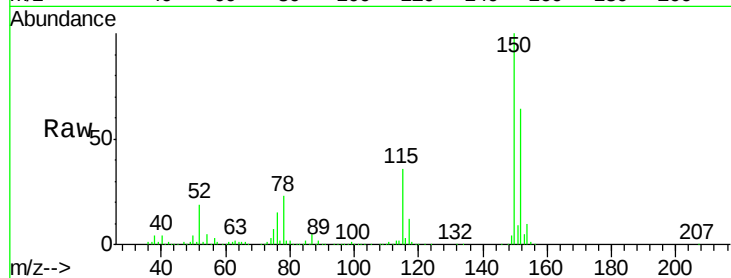
Tot Ion:152 Resp: 668923

Ion Ratio Lower Upper

152 100

115 56.4 28.4 85.2

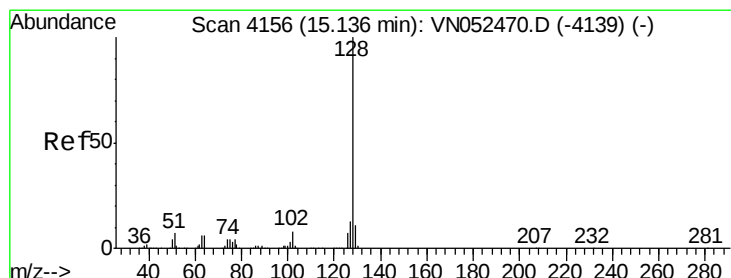
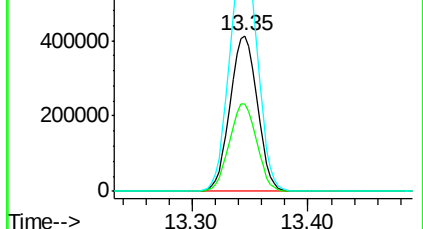
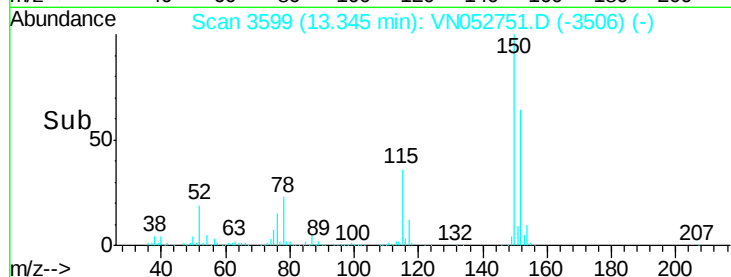
150 156.8 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 4.043 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052751.D

Acq: 10 Dec 2018 14:17

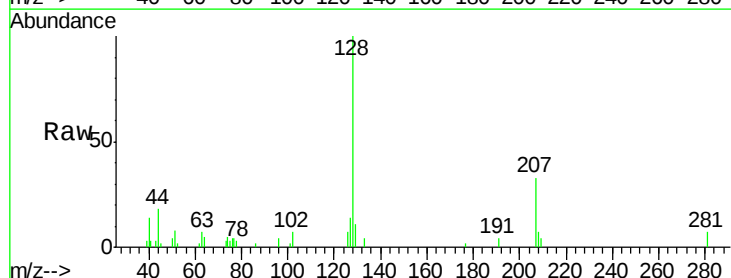
Tgt Ion:128 Resp: 16616

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 9.7 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

