

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\
 Data File : VN052704.D
 Acq On : 6 Dec 2018 17:27
 Operator : MD\SY
 Sample : J6195-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-120518-B

Quant Time: Dec 07 07:19:54 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

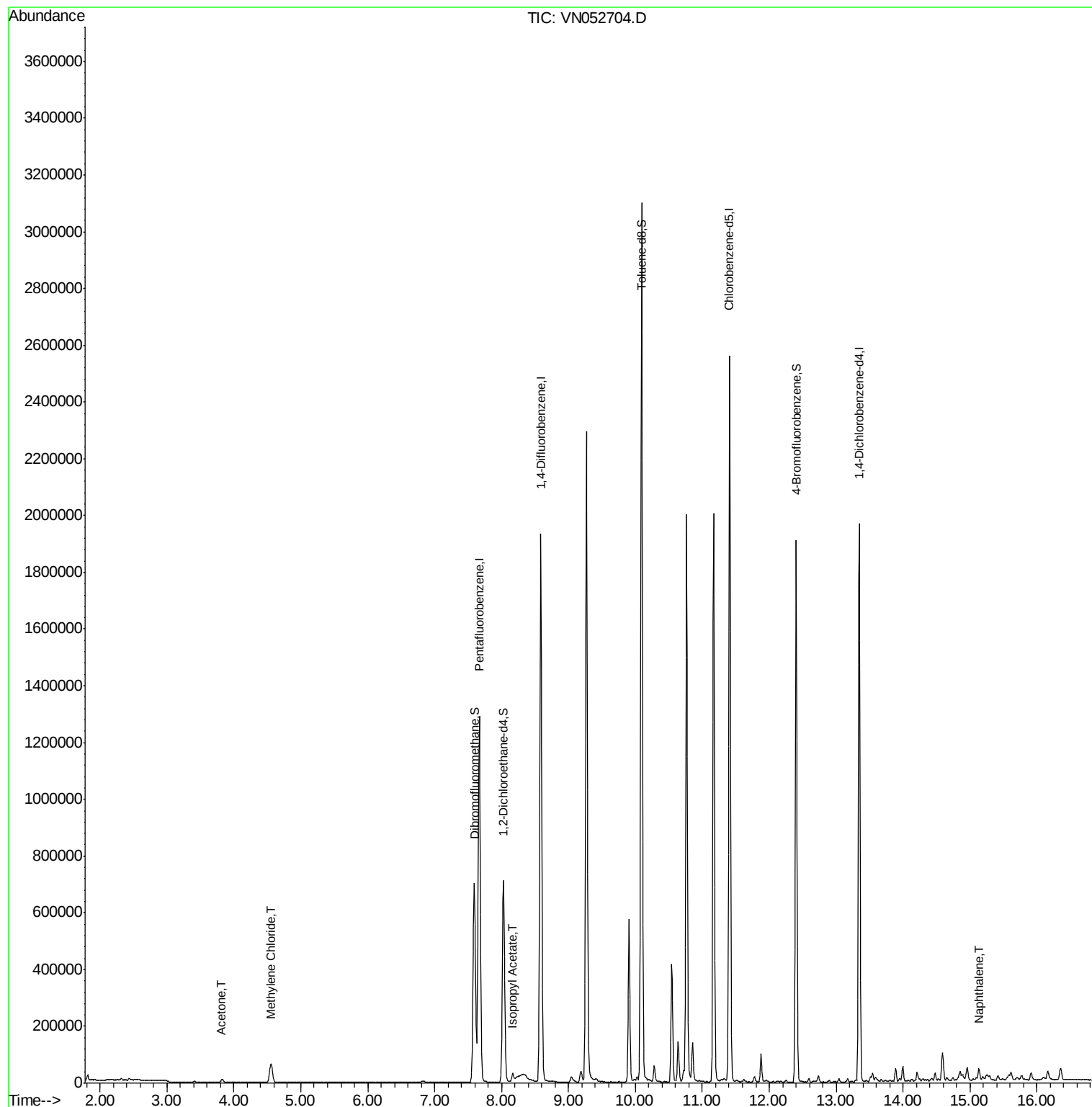
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1116603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1759404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1550495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	555905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	610526	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
35) Dibromofluoromethane	7.59	113	542382	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	10.09	98	2176395	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.40	95	659932	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
Target Compounds						
16) Acetone	3.82	43	19740	6.156	ug/l	91
20) Methylene Chloride	4.55	84	51634	4.115	ug/l	99
43) Isopropyl Acetate	8.17	43	40737	2.374	ug/l #	84
95) Naphthalene	15.13	128	37748	5.108	ug/l	98

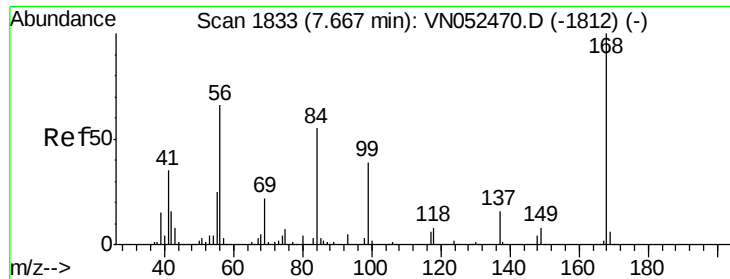
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120618\
Data File : VN052704.D
Acq On : 6 Dec 2018 17:27
Operator : MD\SY
Sample : J6195-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
OR-01-120518-B

Quant Time: Dec 07 07:19:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052704.D

Acq: 6 Dec 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

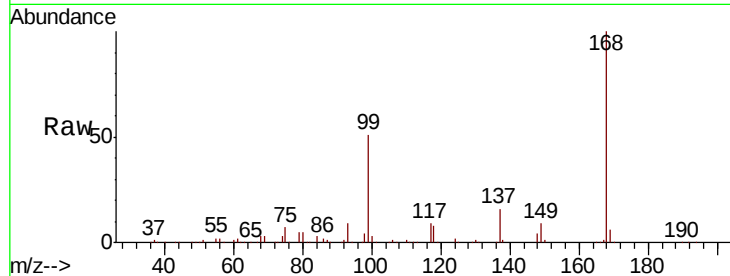
OR-01-120518-B

Tot Ion:168 Resp: 1116603

Ion Ratio Lower Upper

168 100

99 51.1 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052704.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052704.D (-1740) (-)

7.67

500000

400000

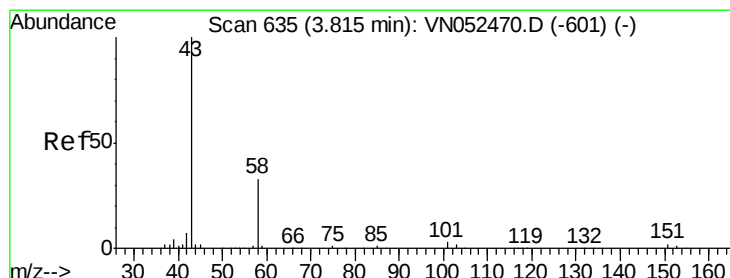
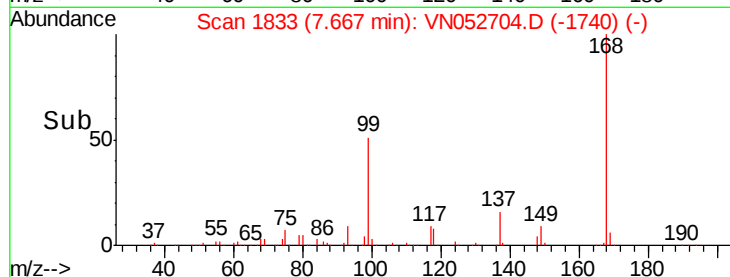
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.156 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052704.D

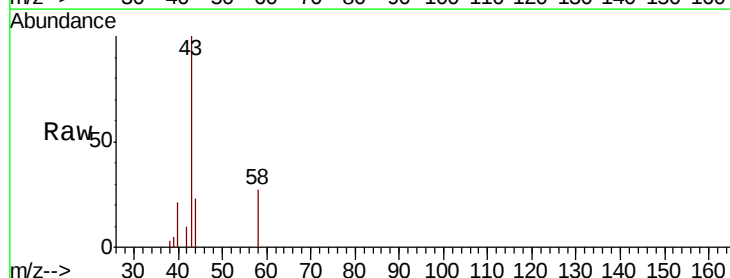
Acq: 6 Dec 2018 17:27

Tgt Ion: 43 Resp: 19740

Ion Ratio Lower Upper

43 100

58 27.5 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052704.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052704.D (-542) (-)

3.82

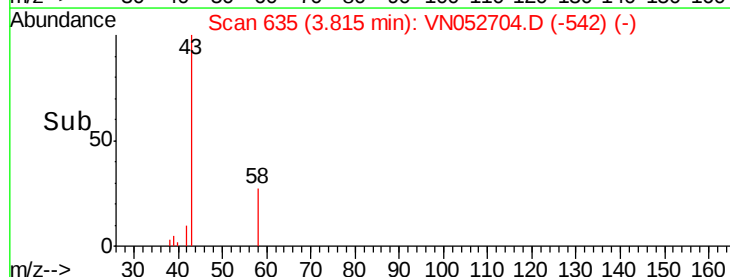
6000

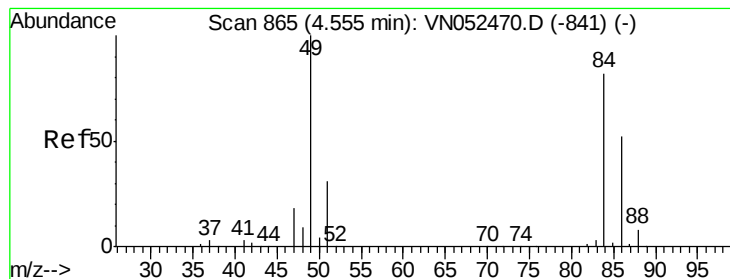
4000

2000

0

Time--> 3.70 3.80 3.90





#20

Methylene Chloride

Concen: 4.115 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052704.D

Acq: 6 Dec 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

OR-01-120518-B

Tot Ion: 84 Resp: 51634

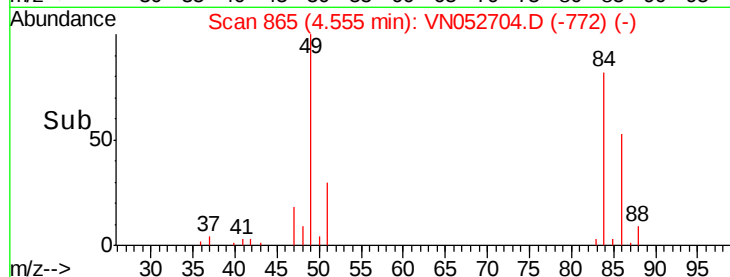
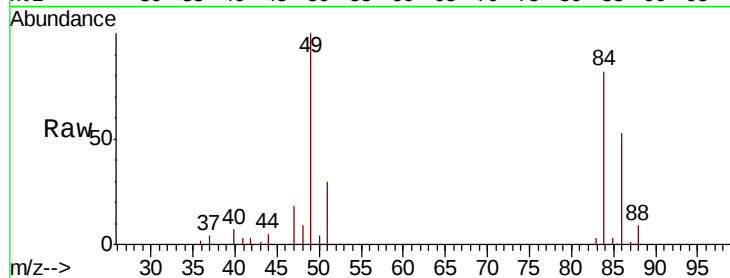
Ion Ratio Lower Upper

84 100

49 121.8 98.0 147.0

51 36.5 30.1 45.1

86 64.4 50.7 76.1



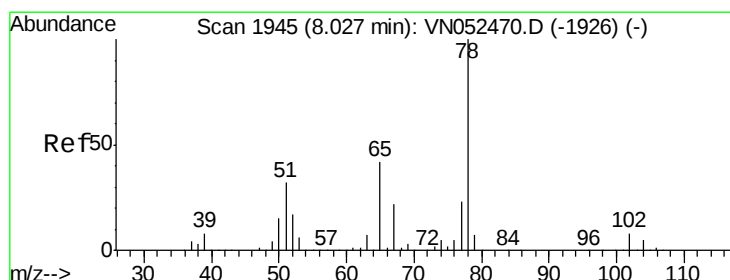
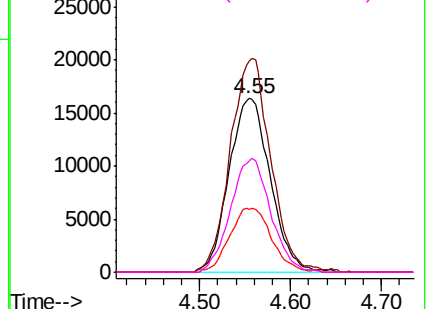
Abundance

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: VN052704.D

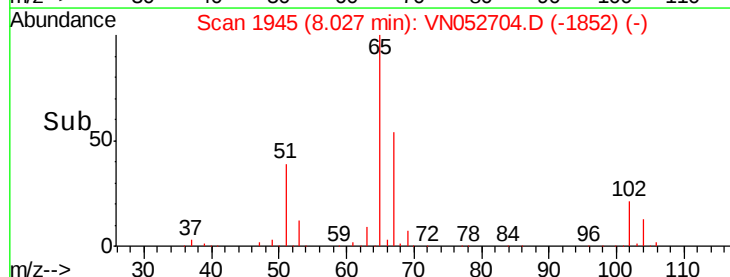
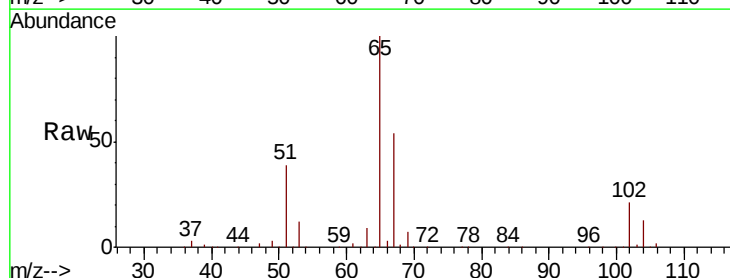
Acq: 6 Dec 2018 17:27

Tgt Ion: 65 Resp: 610526

Ion Ratio Lower Upper

65 100

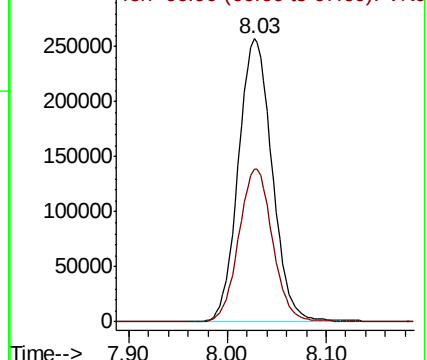
67 54.1 0.0 109.8

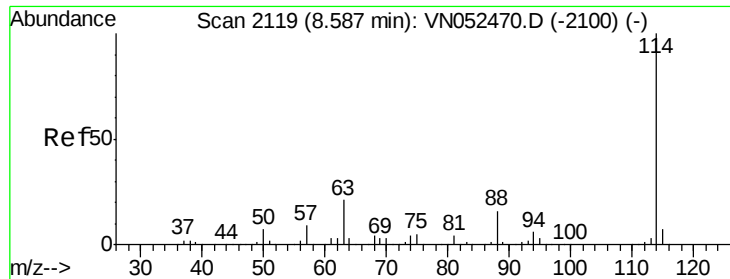


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

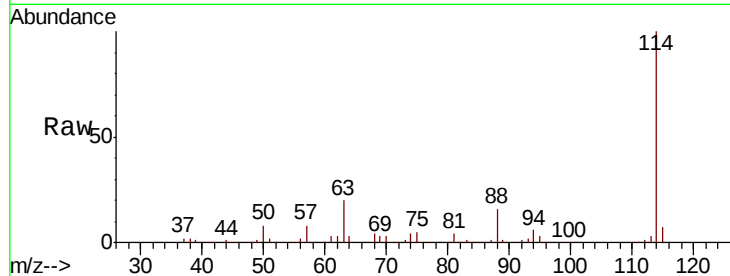




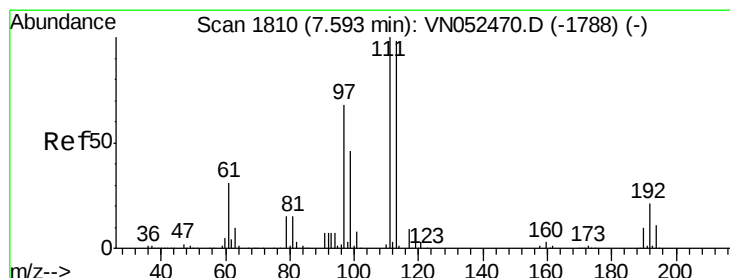
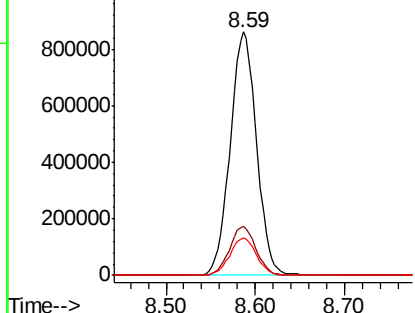
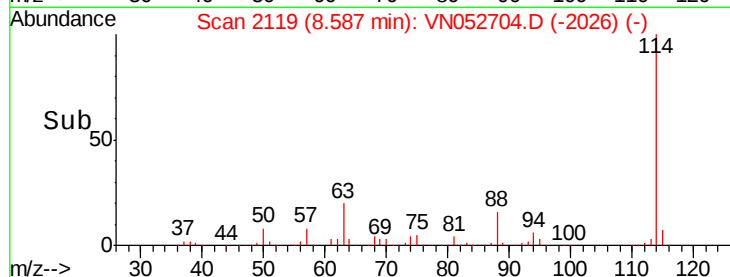
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052704.D
 Acq: 6 Dec 2018 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-120518-B

Tot Ion:114 Resp: 1759404
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.8
 88 15.5 0.0 31.6

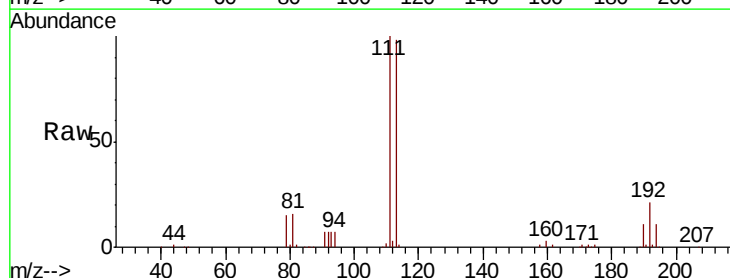


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

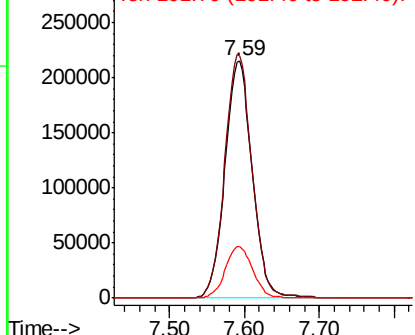
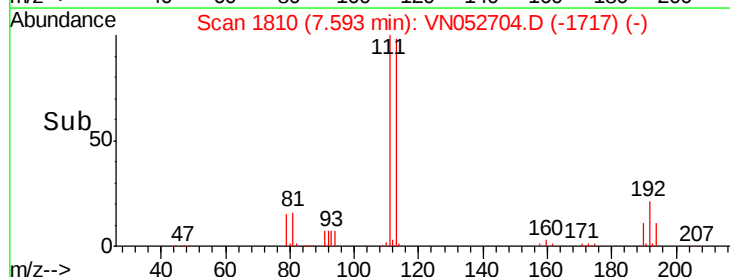


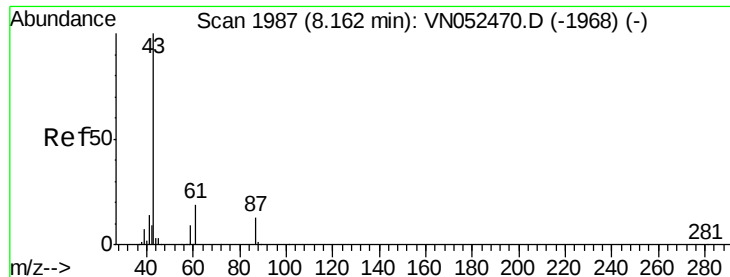
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052704.D
 Acq: 6 Dec 2018 17:27

Tgt Ion:113 Resp: 542382
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 21.9 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: 2.374 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052704.D

Acq: 6 Dec 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

OR-01-120518-B

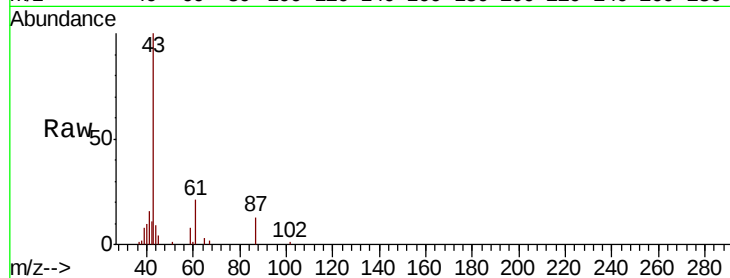
Tot Ion: 43 Resp: 40737

Ion Ratio Lower Upper

43 100

61 18.2 24.1 36.1#

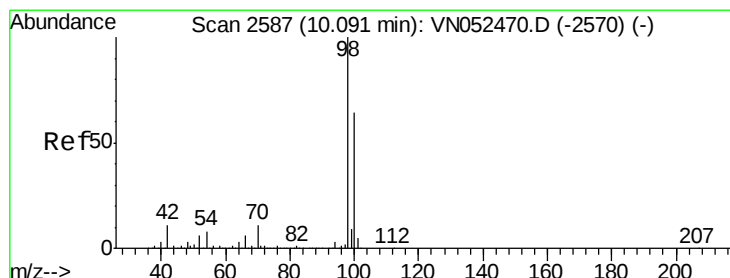
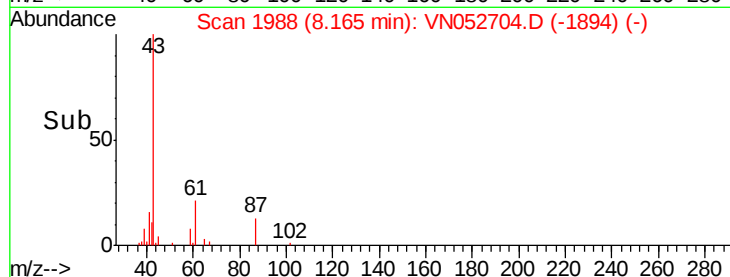
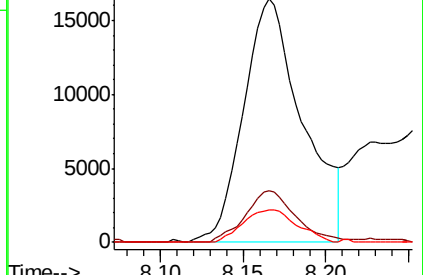
87 12.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052704.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052704.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052704.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052704.D

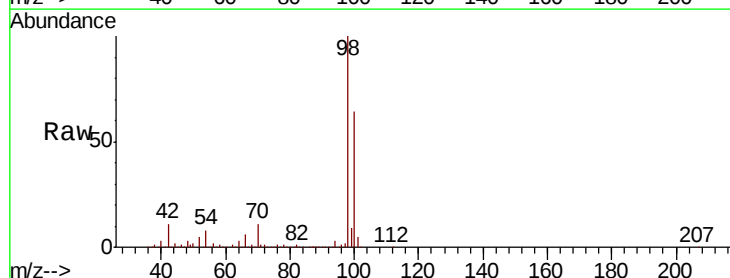
Acq: 6 Dec 2018 17:27

Tgt Ion: 98 Resp: 2176395

Ion Ratio Lower Upper

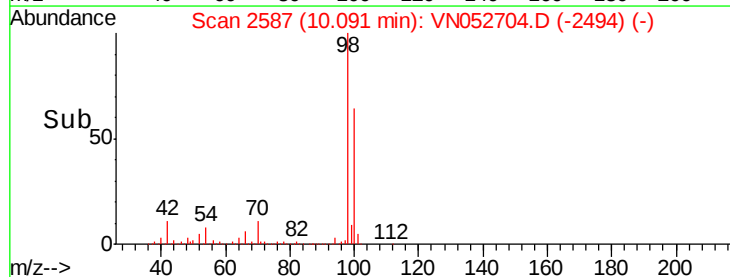
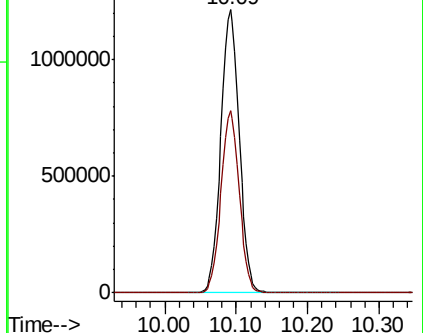
98 100

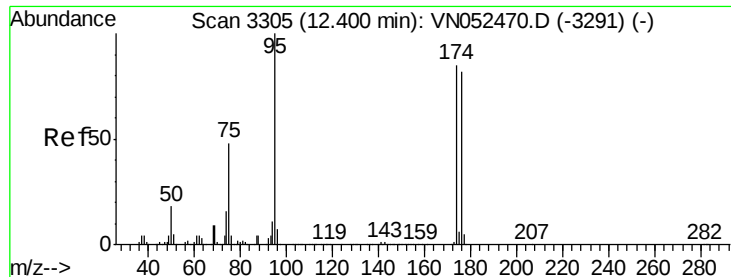
100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052704.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052704.D (-2570) (-)

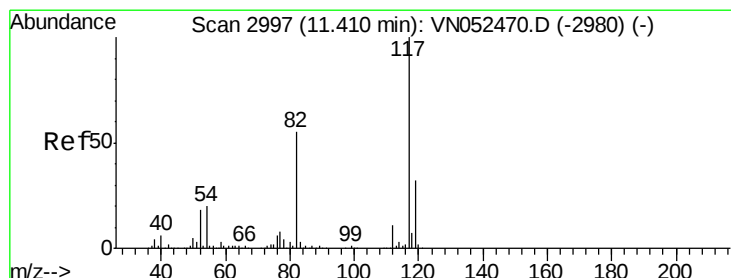
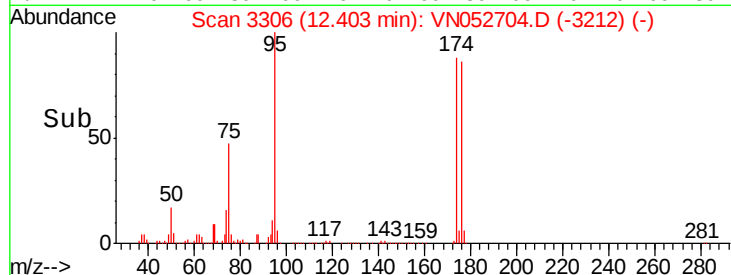
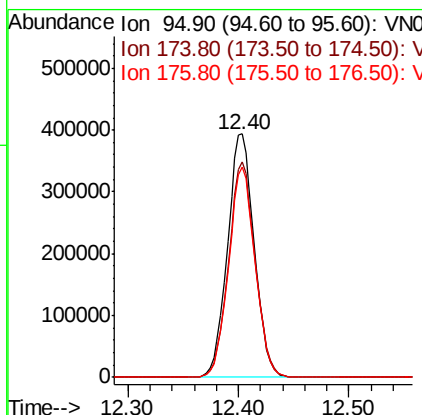
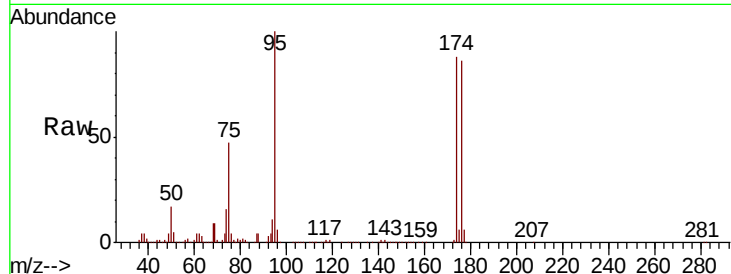




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052704.D
Acq: 6 Dec 2018 17:27

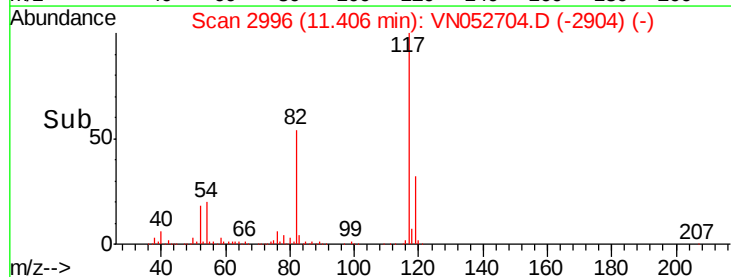
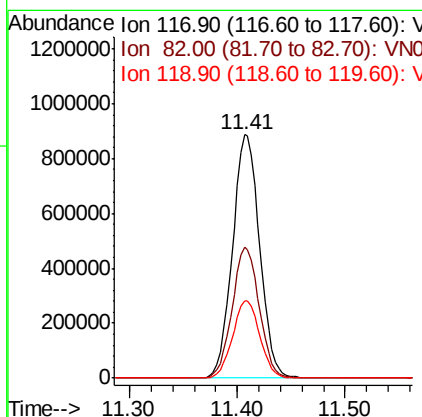
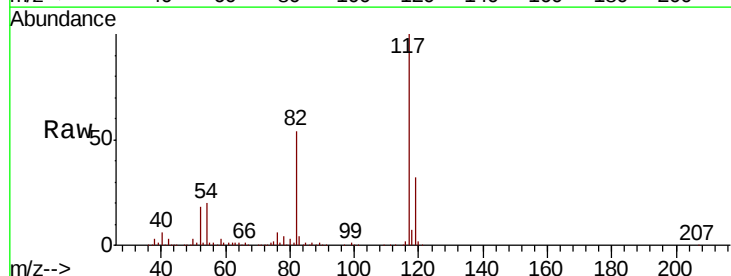
Instrument :
MSVOA_N
ClientSampleId :
OR-01-120518-B

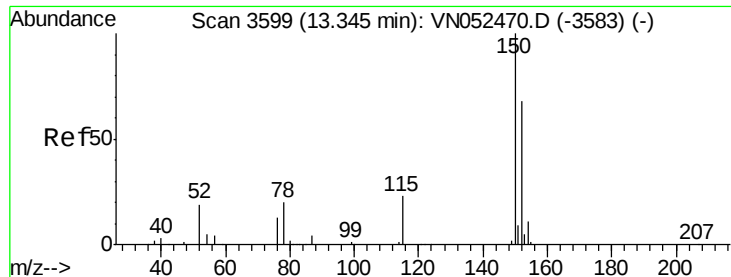
Tot Ion: 95 Resp: 659932
Ion Ratio Lower Upper
95 100
174 87.9 0.0 173.0
176 85.6 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052704.D
Acq: 6 Dec 2018 17:27

Tgt Ion: 117 Resp: 1550495
Ion Ratio Lower Upper
117 100
82 54.0 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: VN052704.D

Acq: 6 Dec 2018 17:27

Instrument :

MSVOA_N

ClientSampleId :

OR-01-120518-B

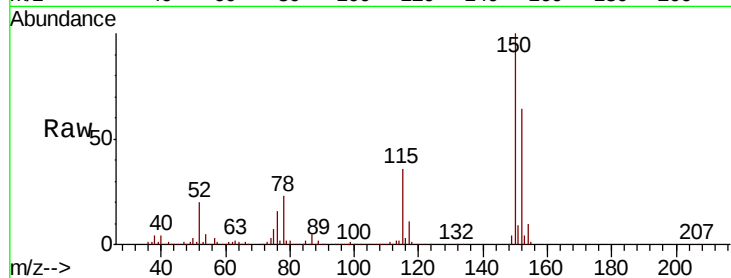
Tot Ion:152 Resp: 555905

Ion Ratio Lower Upper

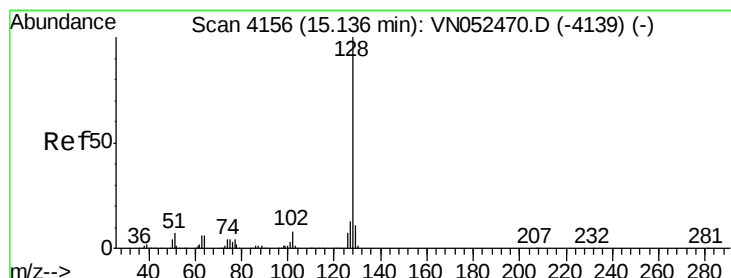
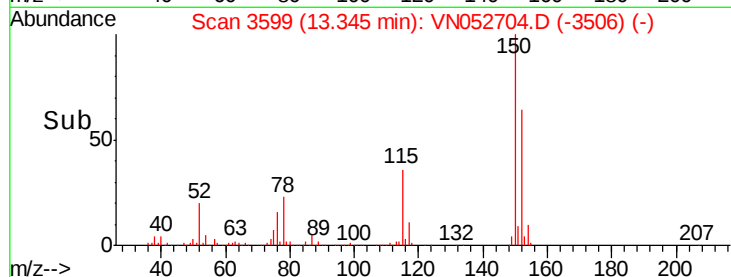
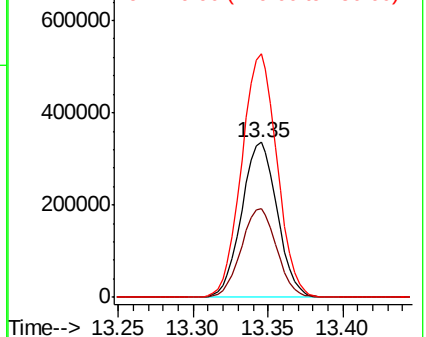
152 100

115 57.1 28.4 85.2

150 156.7 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: 5.108 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052704.D

Acq: 6 Dec 2018 17:27

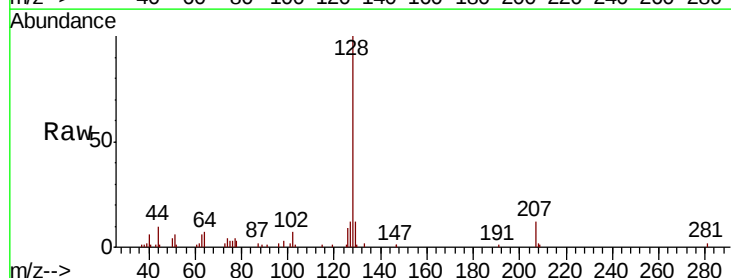
Tgt Ion:128 Resp: 37748

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 12.7 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

