

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\
 Data File : VN052703.D
 Acq On : 6 Dec 2018 17:00
 Operator : MD\SY
 Sample : J6199-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-120518-A

Quant Time: Dec 07 07:18:03 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

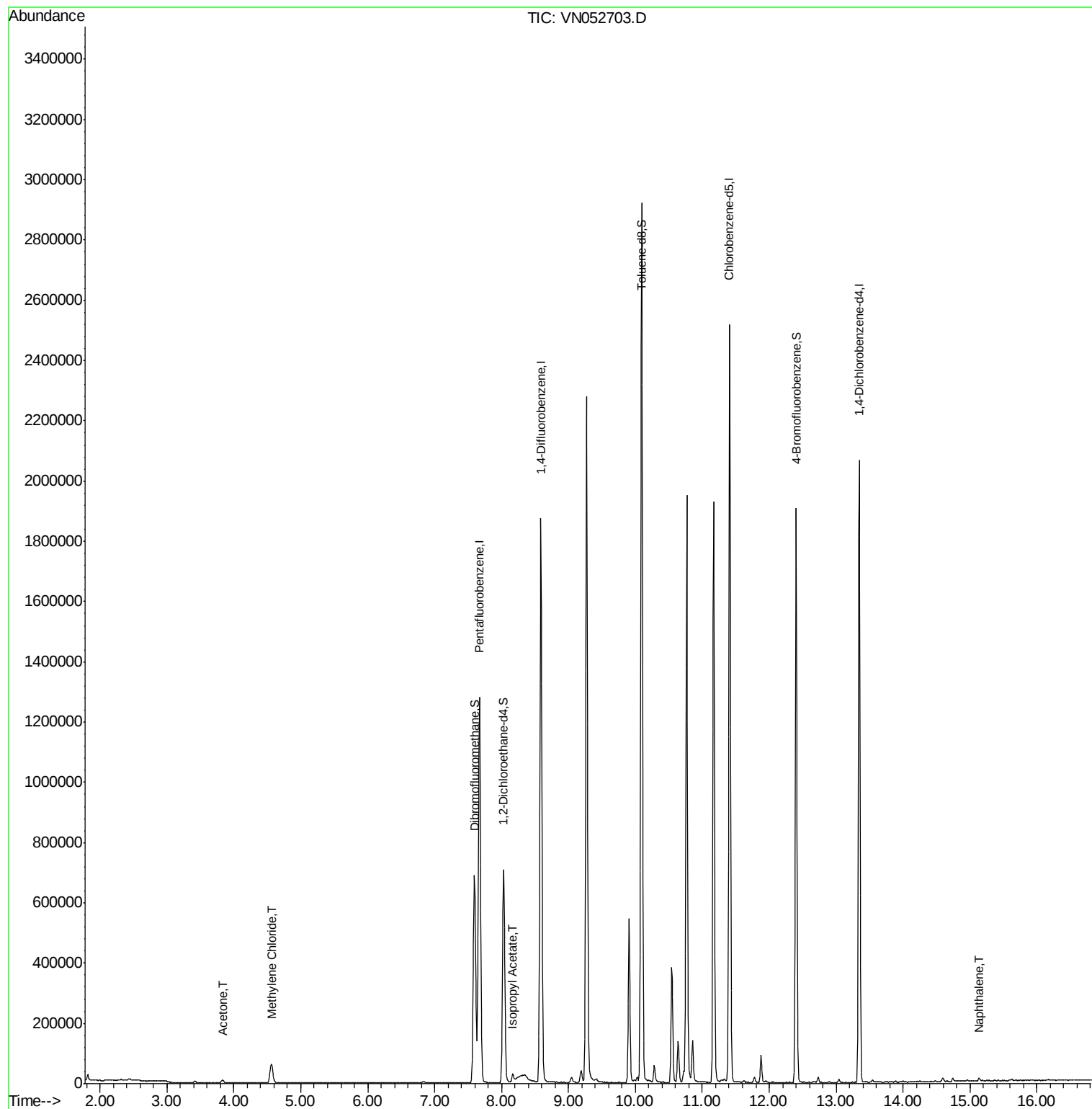
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1099171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1724757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1527464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	574493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	602184	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	7.60	113	534525	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	10.09	98	2121486	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.40	95	655188	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
Target Compounds						
16) Acetone	3.83	43	15706	4.975	ug/l	94
20) Methylene Chloride	4.56	84	48846	3.954	ug/l	99
43) Isopropyl Acetate	8.17	43	37574	2.234	ug/l #	85
95) Naphthalene	15.14	128	8703	3.803	ug/l	99

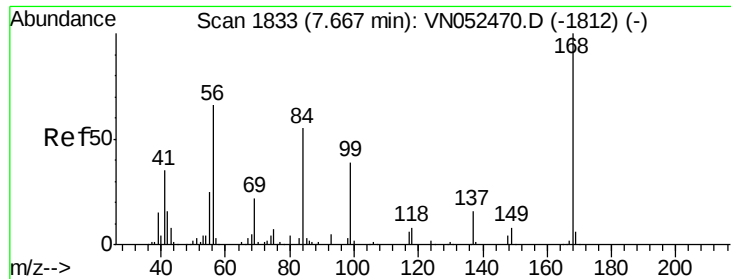
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120618\
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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# 1834

Delta R.T. 0.00 min

Lab File: VN052703.D

Acq: 6 Dec 2018 17:00

Instrument :

MSVOA_N

ClientSampleId :

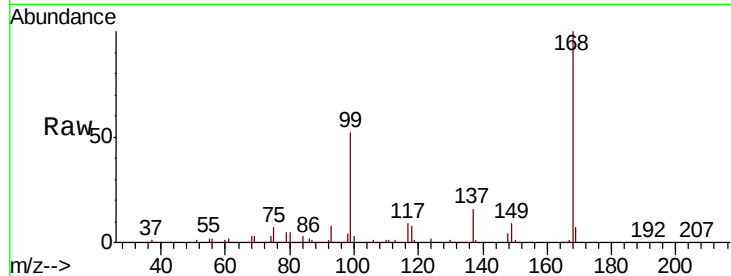
SU-01-120518-A

Tot Ion:168 Resp: 1099171

Ion Ratio Lower Upper

168 100

99 51.9 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

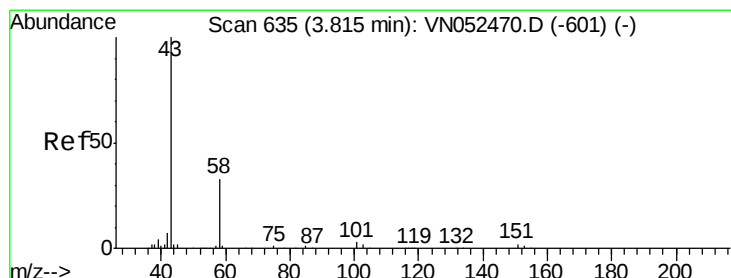
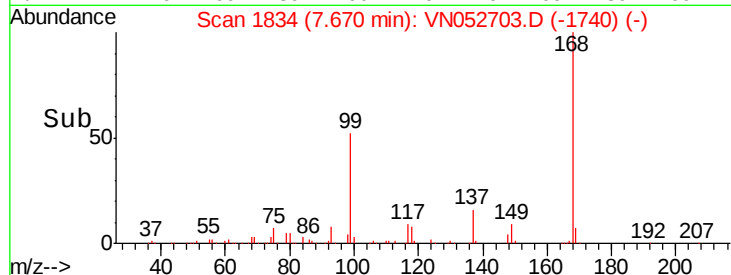
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.975 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.02 min

Lab File: VN052703.D

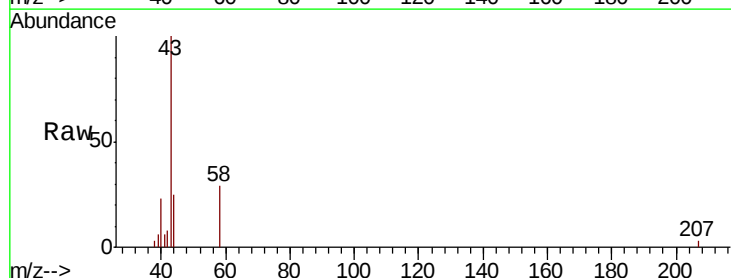
Acq: 6 Dec 2018 17:00

Tgt Ion: 43 Resp: 15706

Ion Ratio Lower Upper

43 100

58 29.2 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

6000

5000

4000

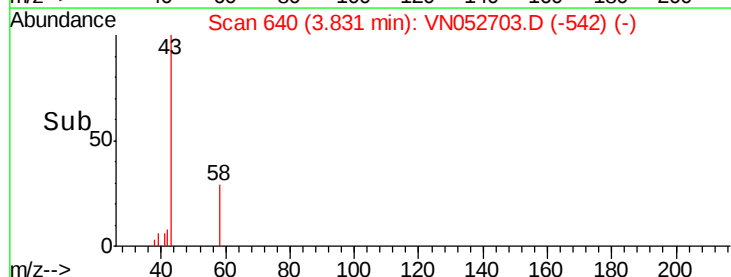
3000

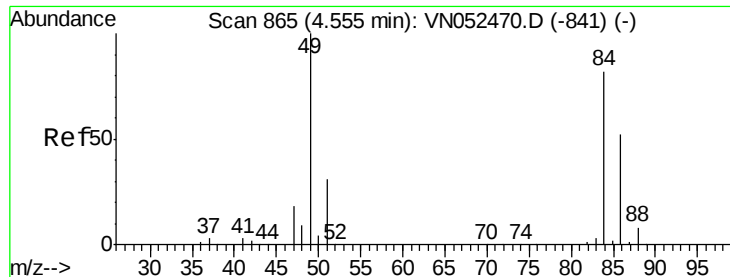
2000

1000

0

Time-->

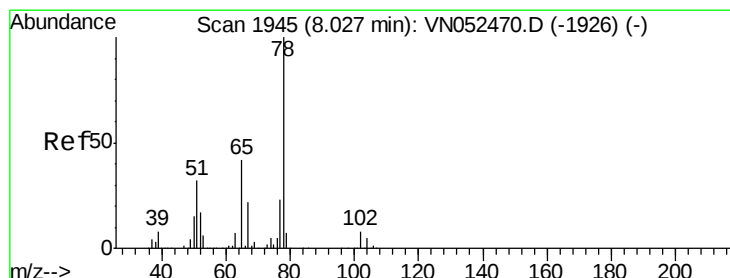
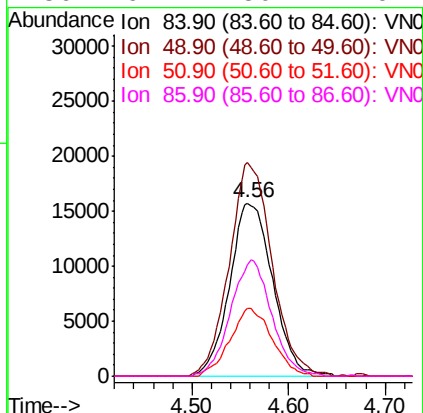
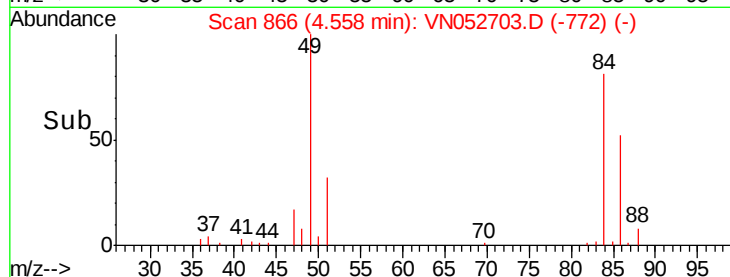
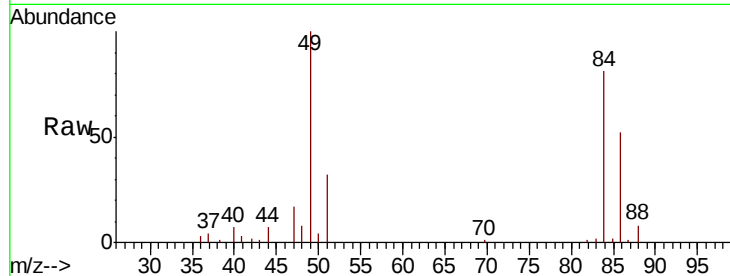




#20
Methvlene Chloride
Concen: 3.954 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052703.D
Acq: 6 Dec 2018 17:00

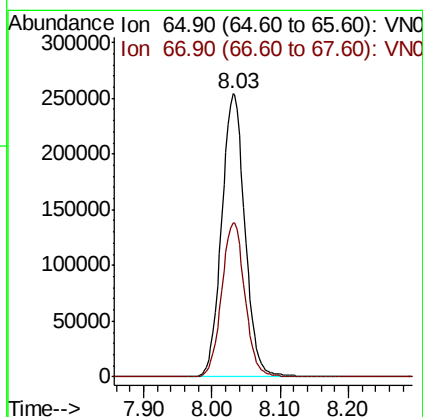
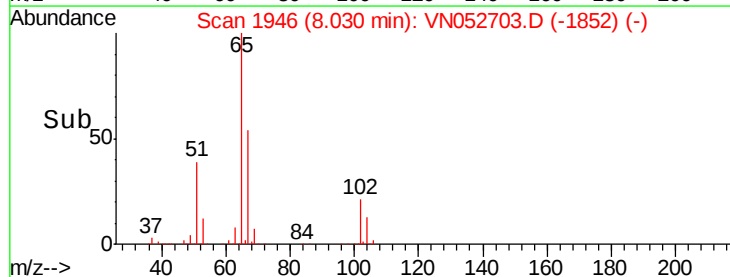
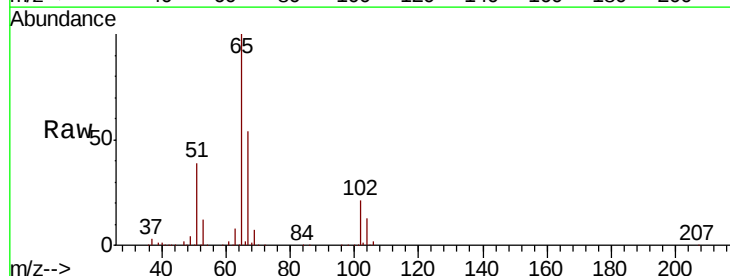
Instrument :
MSVOA_N
ClientSampleId :
SU-01-120518-A

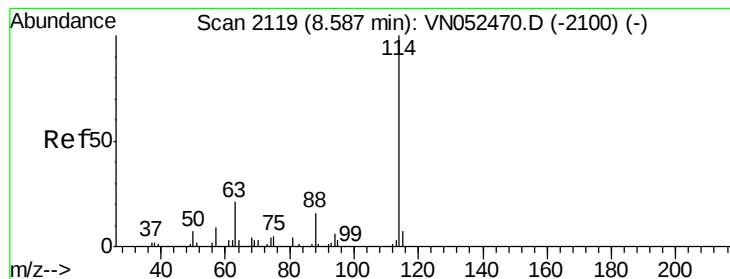
Tot Ion: 84 Resp: 48846
Ion Ratio Lower Upper
84 100
49 123.3 98.0 147.0
51 39.3 30.1 45.1
86 64.2 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052703.D
Acq: 6 Dec 2018 17:00

Tgt Ion: 65 Resp: 602184
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN052703.D

Acq: 6 Dec 2018 17:00

Instrument :

MSVOA_N

ClientSampleId :

SU-01-120518-A

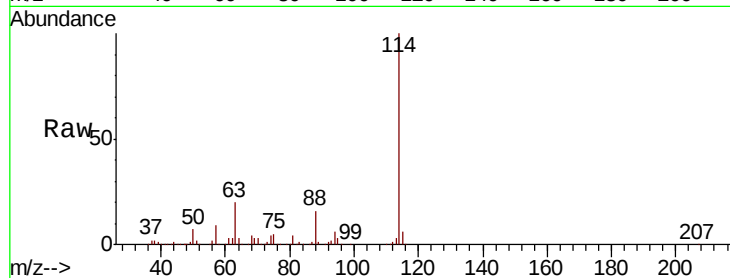
Tot Ion:114 Resp: 1724757

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.8
88	15.6	0.0	31.6

114 100

63 20.2 0.0 41.8

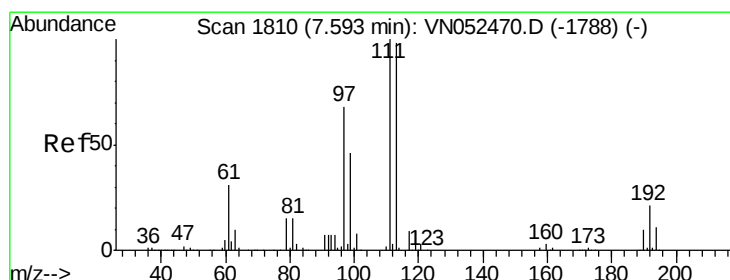
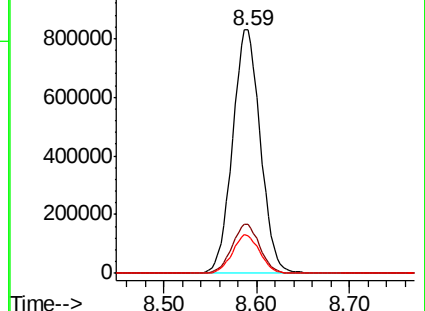
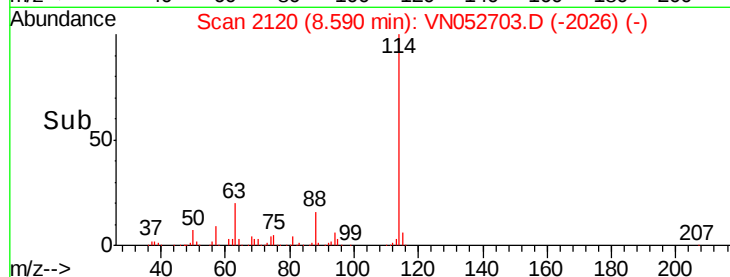
88 15.6 0.0 31.6



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: 7.60 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VN052703.D

Acq: 6 Dec 2018 17:00

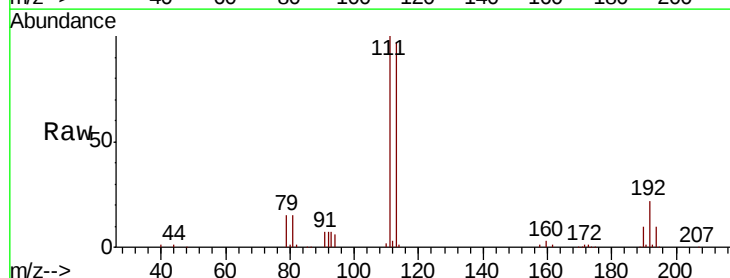
Tgt Ion:113 Resp: 534525

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	21.9	17.0	25.6

113 100

111 103.1 82.0 123.0

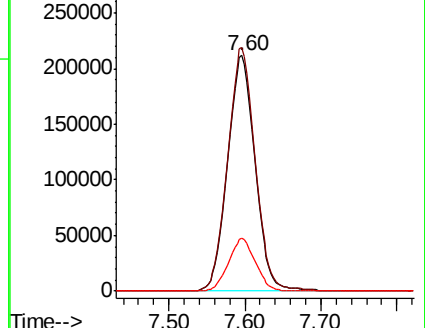
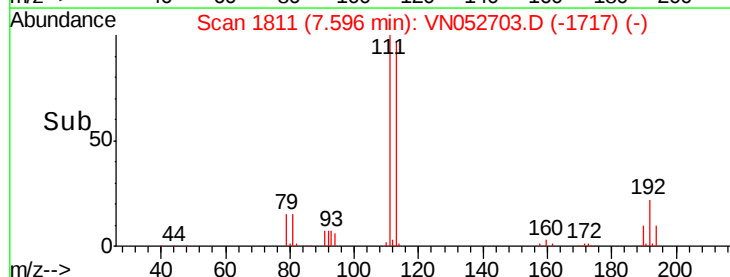
192 21.9 17.0 25.6

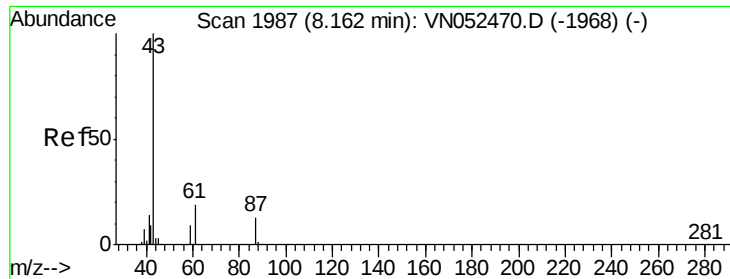


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.234 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052703.D

Acq: 6 Dec 2018 17:00

Instrument :

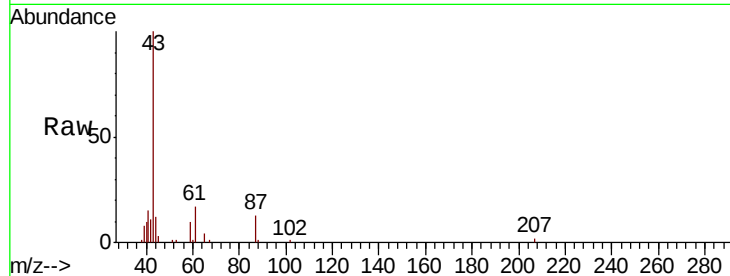
MSVOA_N

ClientSampleId :

SU-01-120518-A

Tot Ion: 43 Resp: 37574

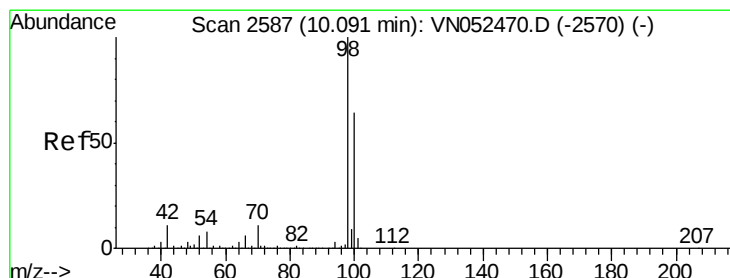
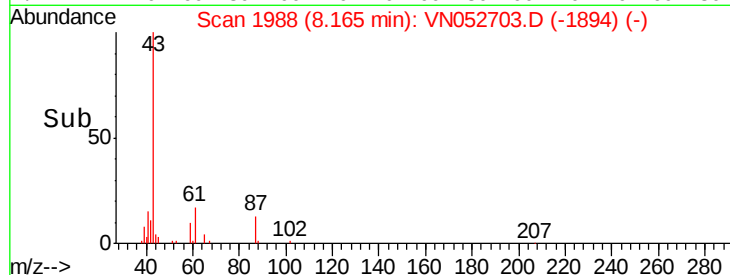
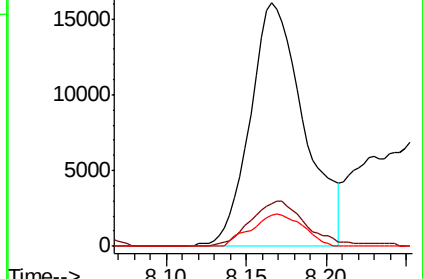
Ion	Ratio	Lower	Upper
43	100		
61	18.8	24.1	36.1#
87	12.6	10.6	15.8



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

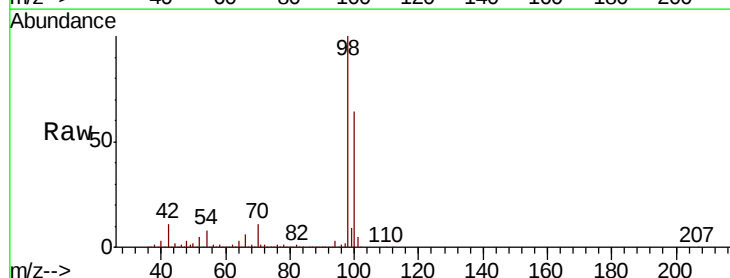
Delta R.T. 0.00 min

Lab File: VN052703.D

Acq: 6 Dec 2018 17:00

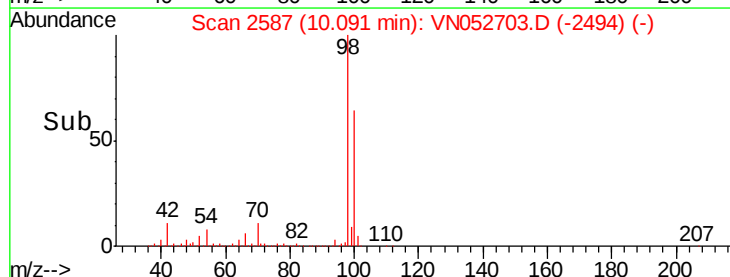
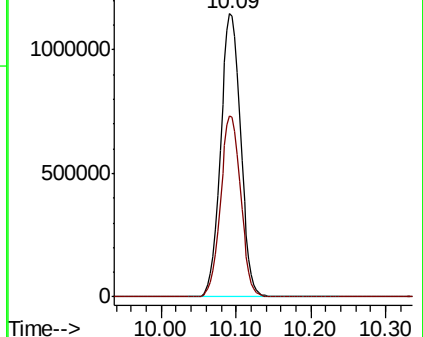
Tgt Ion: 98 Resp: 2121486

Ion	Ratio	Lower	Upper
98	100		
100	63.9	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) (-)

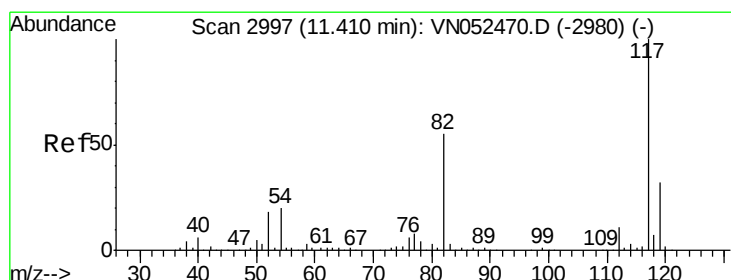
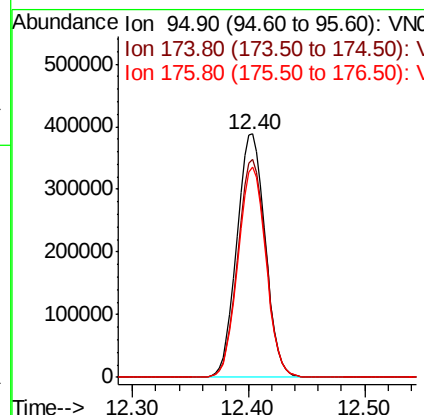
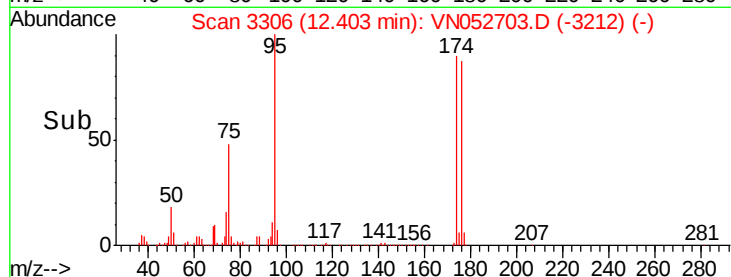
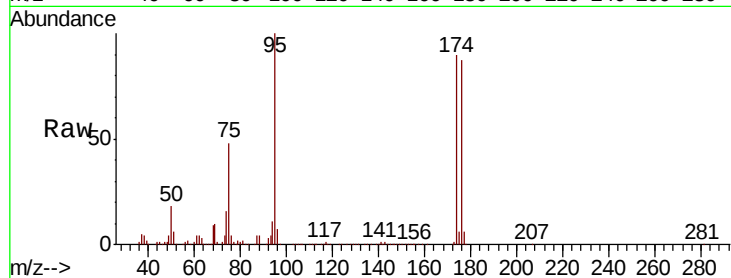




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052703.D
Acq: 6 Dec 2018 17:00

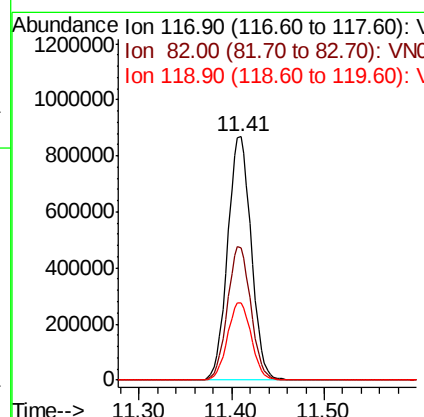
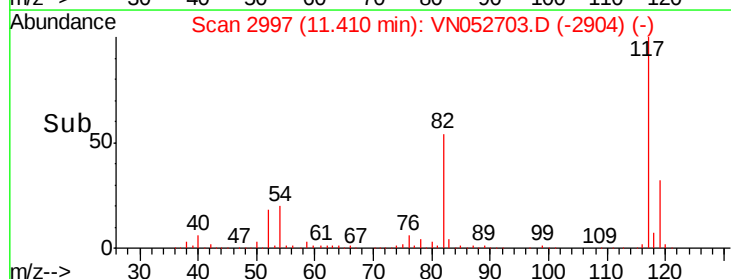
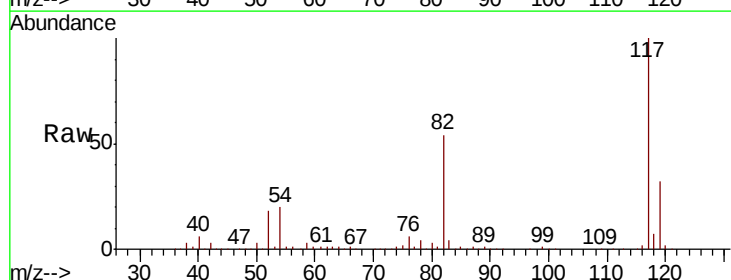
Instrument :
MSVOA_N
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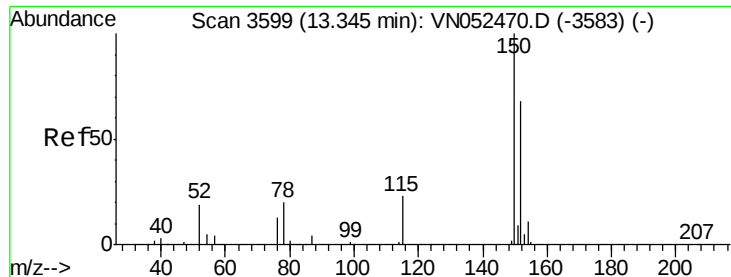
Tot Ion: 95 Resp: 655188
Ion Ratio Lower Upper
95 100
174 89.1 0.0 173.0
176 85.3 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052703.D
Acq: 6 Dec 2018 17:00

Tgt Ion: 117 Resp: 1527464
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 31.9 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: VN052703.D

Acq: 6 Dec 2018 17:00

Instrument :

MSVOA_N

ClientSampleId :

SU-01-120518-A

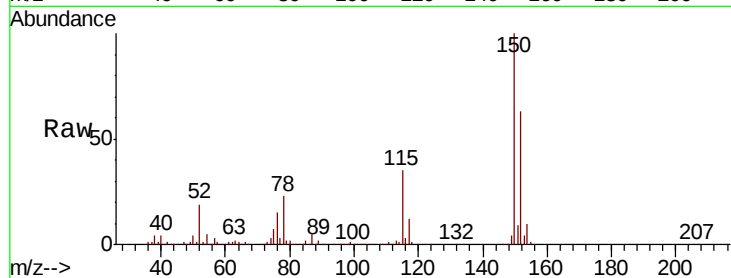
Tot Ion:152 Resp: 574493

Ion Ratio Lower Upper

152 100

115 56.0 28.4 85.2

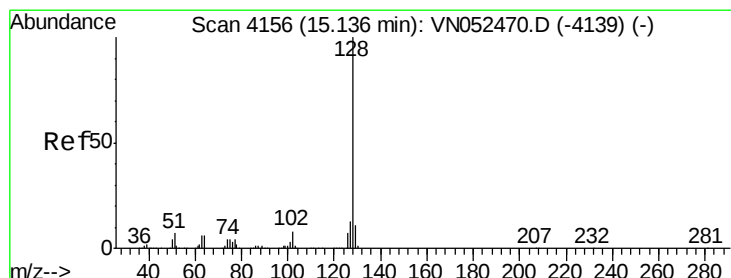
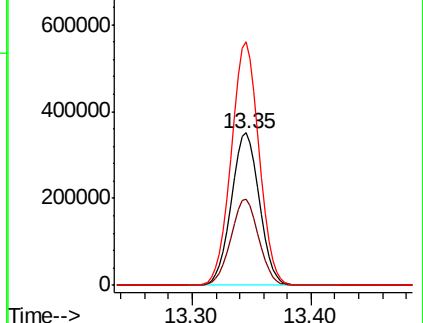
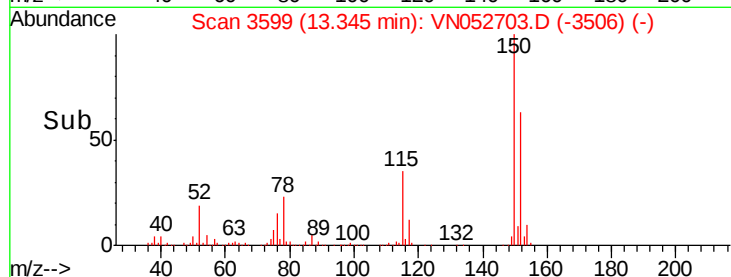
150 157.4 0.0 346.0



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: 3.803 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052703.D

Acq: 6 Dec 2018 17:00

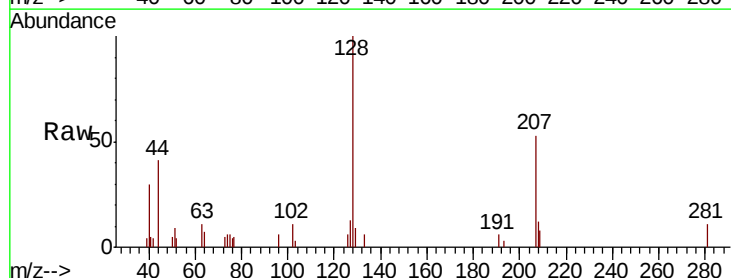
Tgt Ion:128 Resp: 8703

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

129 11.1 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

