

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053193.D
 Acq On : 24 Dec 2018 18:47
 Operator : MD\SY
 Sample : J6511-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-63(0-5)-GRAB

Quant Time: Dec 25 00:40:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

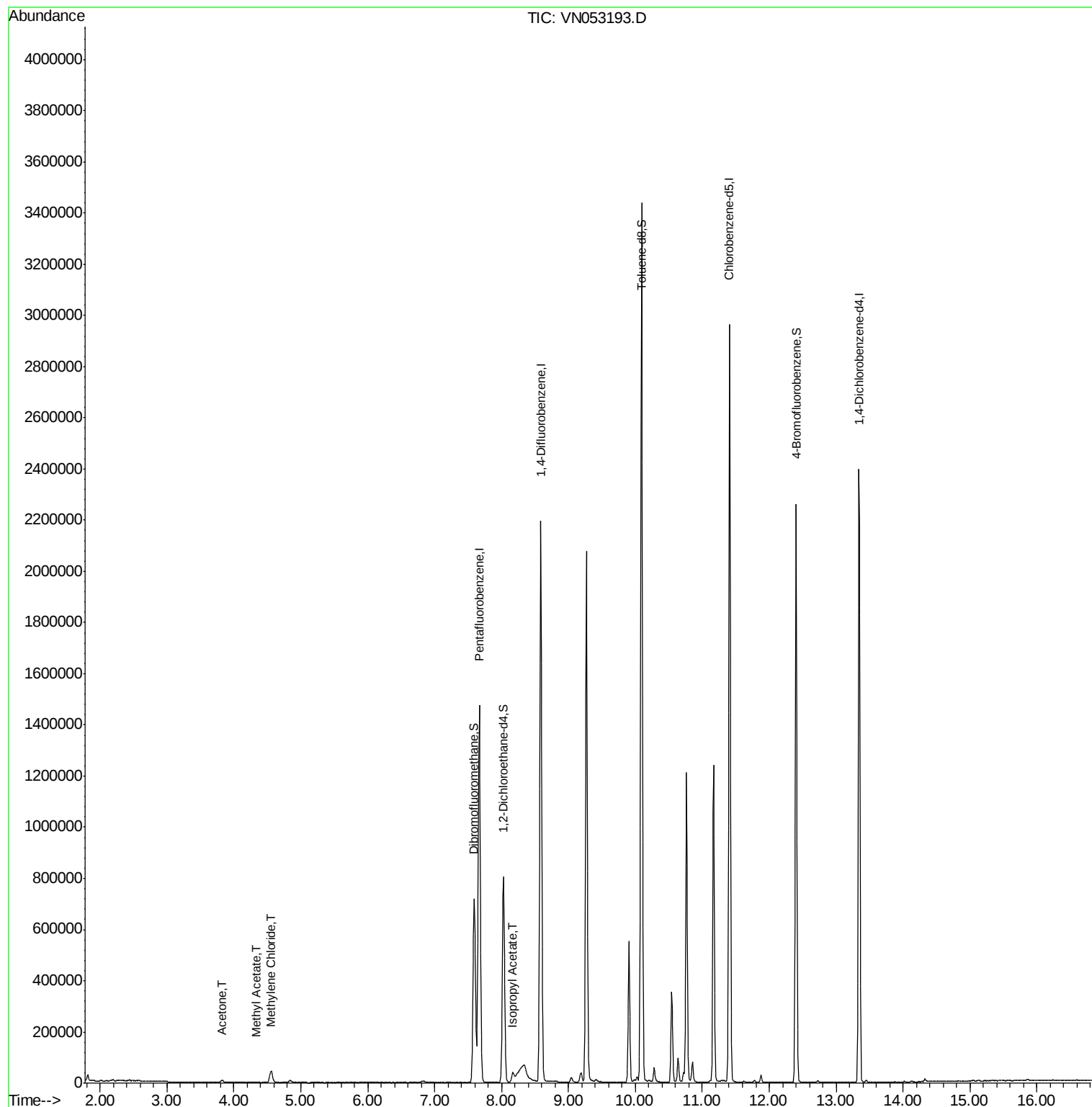
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1310544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2044346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1798750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	684505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	664900	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	7.59	113	555537	59.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.98%	
50) Toluene-d8	10.09	98	2479422	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	786851	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
Target Compounds						
16) Acetone	3.82	43	17957	6.886	ug/l	93
18) Methyl Acetate	4.33	43	6431	1.525	ug/l #	72
20) Methylene Chloride	4.56	84	34406	2.419	ug/l	95
43) Isopropyl Acetate	8.17	43	51984	1.438	ug/l #	83

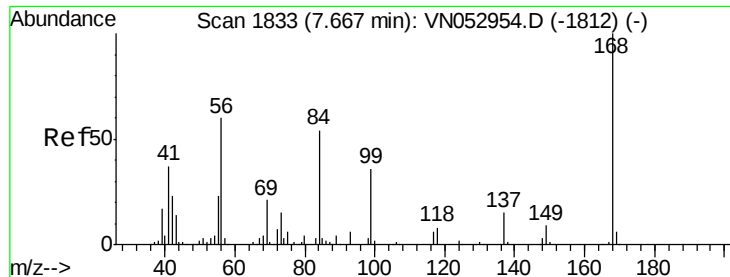
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053193.D

Acq: 24 Dec 2018 18:47

Instrument :

MSVOA_N

ClientSampleId :

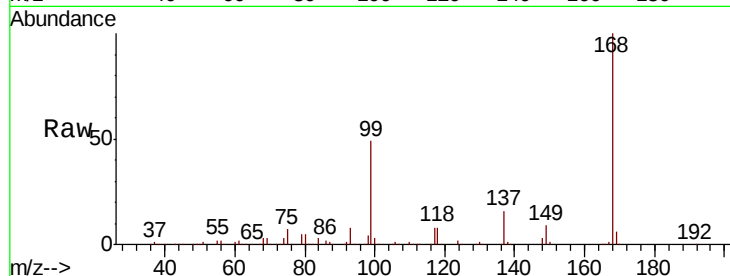
SB-63(0-5)-GRAB

Tot Ion:168 Resp: 1310544

Ion Ratio Lower Upper

168 100

99 49.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

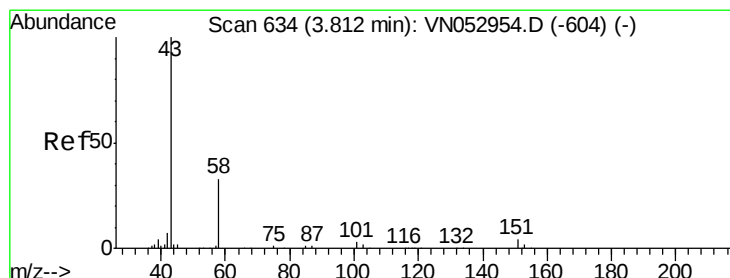
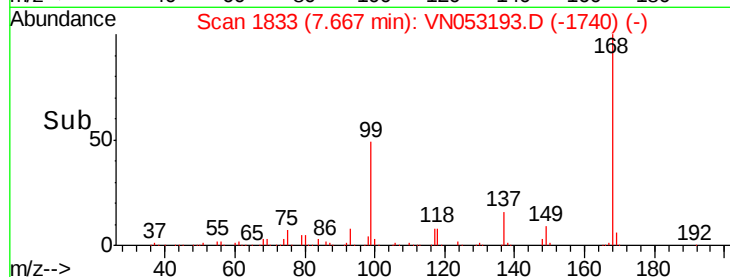
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.886 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053193.D

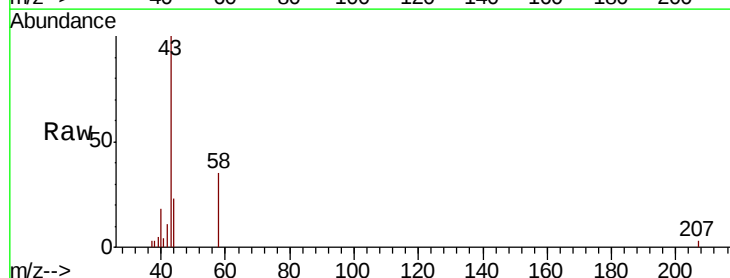
Acq: 24 Dec 2018 18:47

Tgt Ion: 43 Resp: 17957

Ion Ratio Lower Upper

43 100

58 35.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

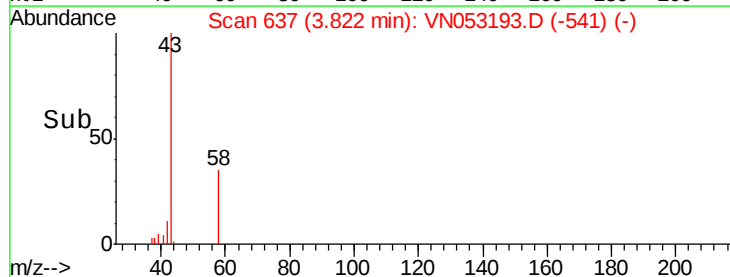
6000

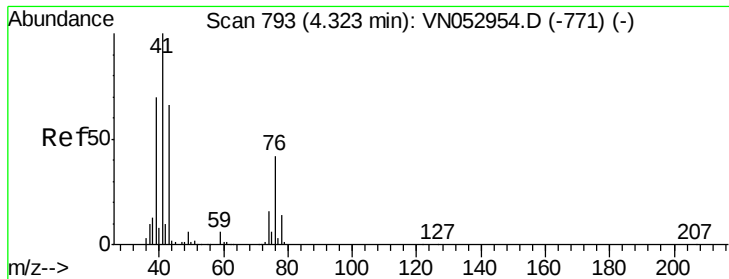
4000

2000

0

Time-->

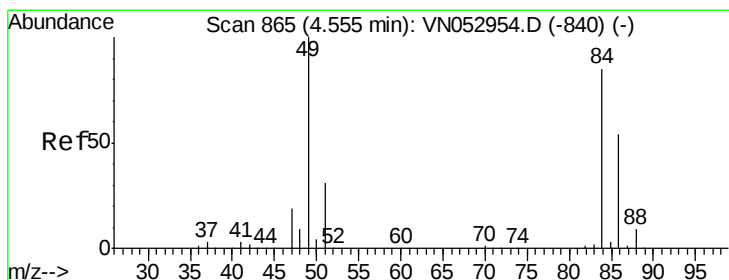
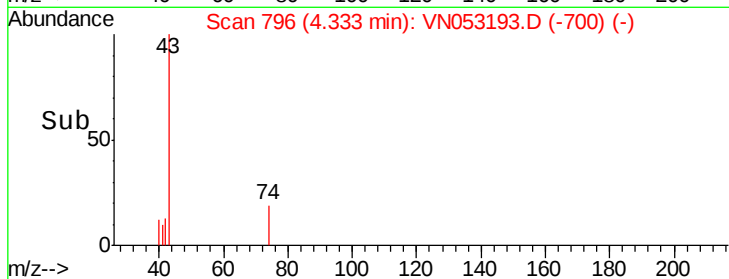
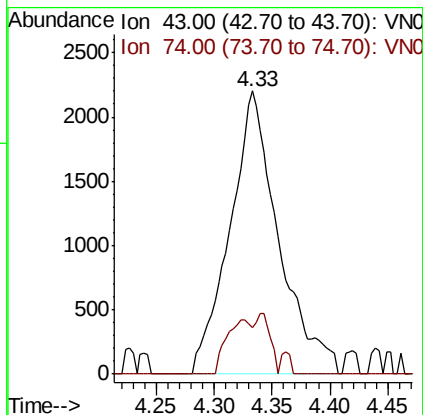
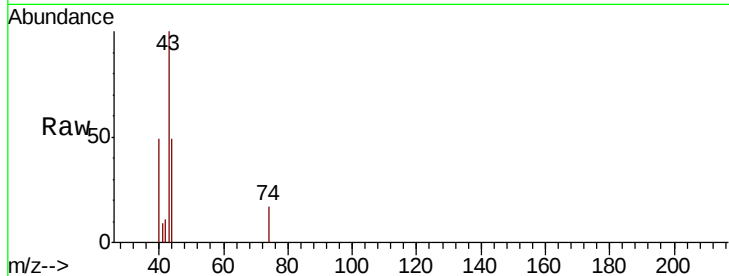




#18
Methyl Acetate
Concen: 1.525 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053193.D
Acq: 24 Dec 2018 18:47

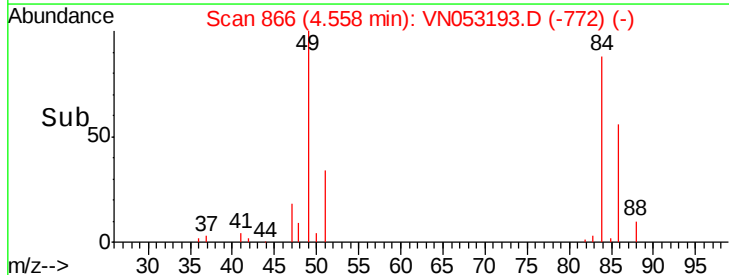
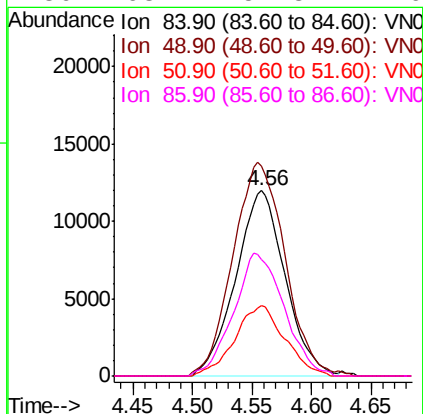
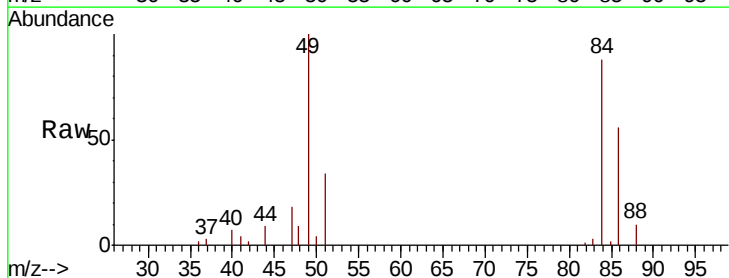
Instrument :
MSVOA_N
ClientSampleId :
SB-63(0-5)-GRAB

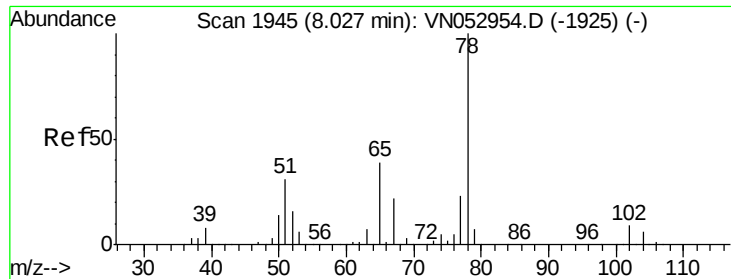
Tot Ion: 43 Resp: 6431
Ion Ratio Lower Upper
43 100
74 10.0 19.2 28.8#



#20
Methylene Chloride
Concen: 2.419 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053193.D
Acq: 24 Dec 2018 18:47

Tgt Ion: 84 Resp: 34406
Ion Ratio Lower Upper
84 100
49 113.2 96.8 145.2
51 38.3 29.9 44.9
86 63.1 51.8 77.6

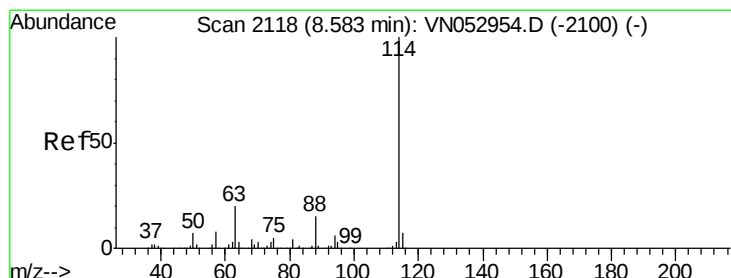
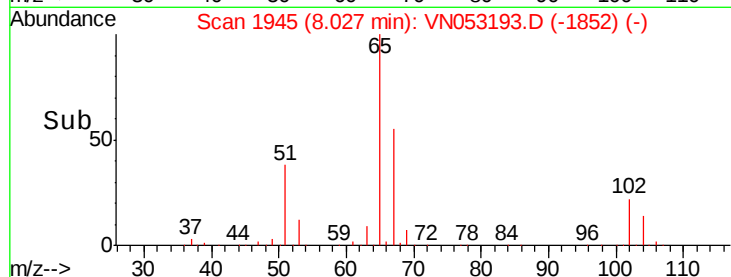
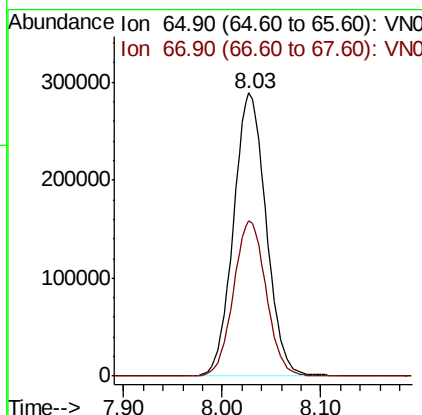
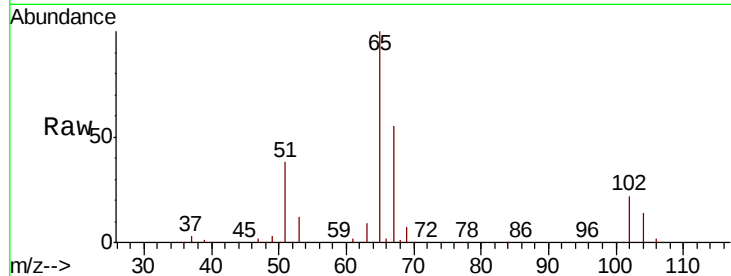




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053193.D
 Acq: 24 Dec 2018 18:47

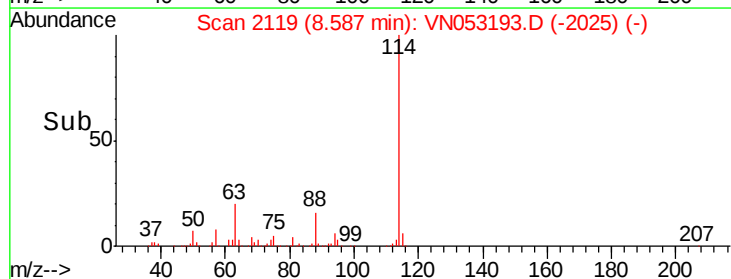
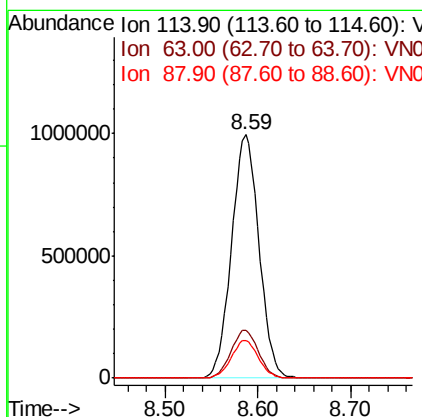
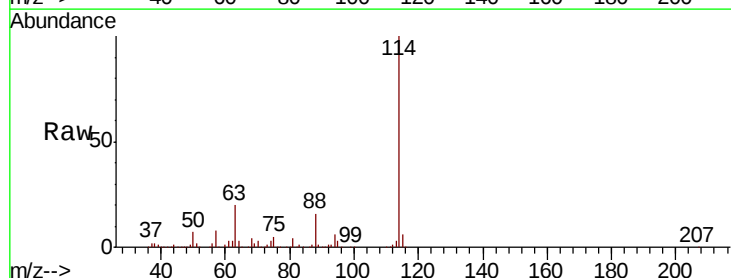
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-63(0-5)-GRAB

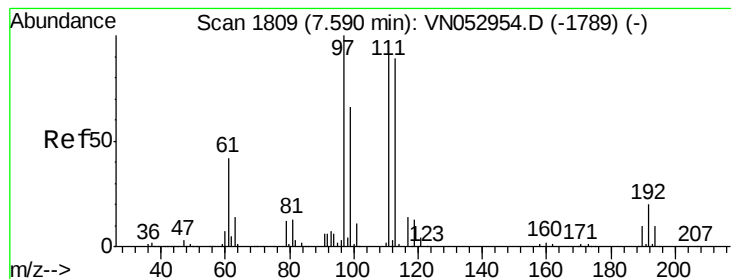
Tot Ion: 65 Resp: 664900
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053193.D
 Acq: 24 Dec 2018 18:47

Tgt Ion: 114 Resp: 2044346
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053193.D

Acq: 24 Dec 2018 18:47

Instrument :

MSVOA_N

ClientSampleId :

SB-63(0-5)-GRAB

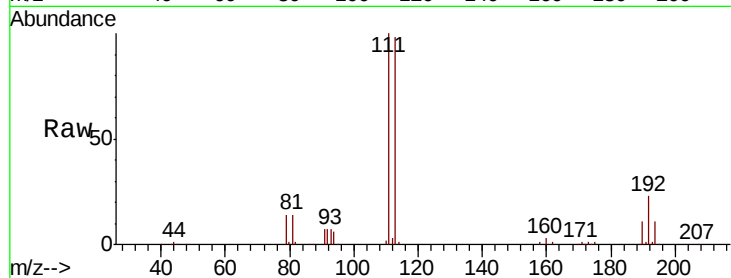
Tot Ion:113 Resp: 55537

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

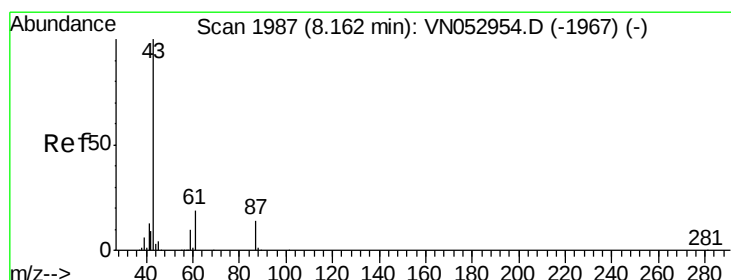
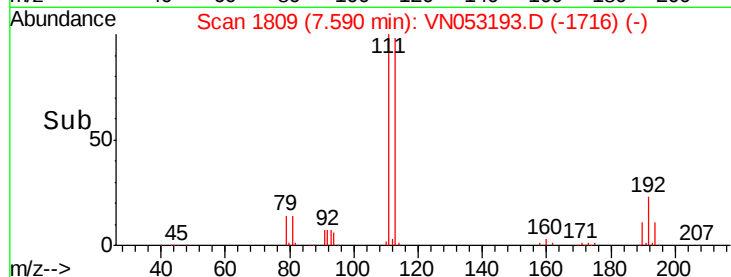
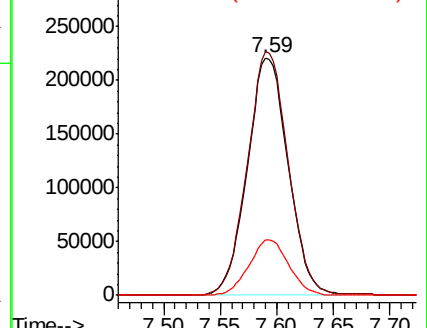
192 22.8 17.5 26.3



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: 1.438 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053193.D

Acq: 24 Dec 2018 18:47

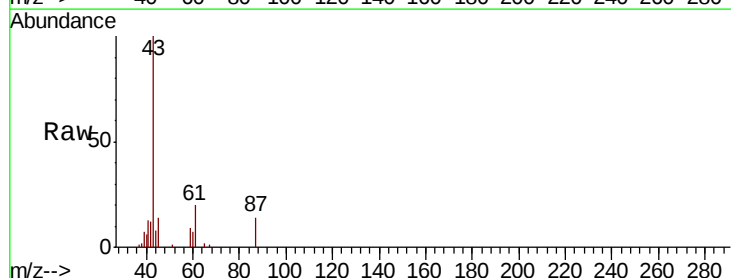
Tgt Ion: 43 Resp: 51984

Ion Ratio Lower Upper

43 100

61 17.0 22.9 34.3#

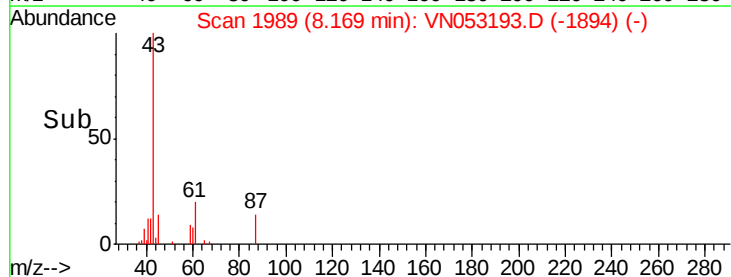
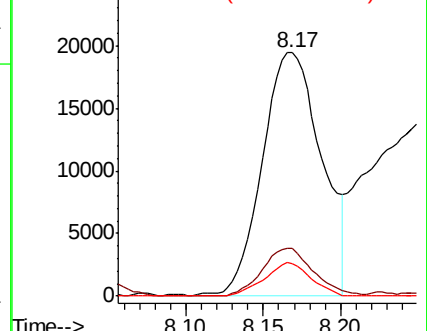
87 10.7 10.6 15.8

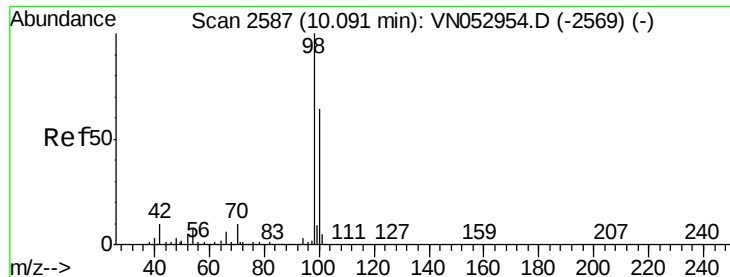


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053193.D

Acq: 24 Dec 2018 18:47

Instrument :

MSVOA_N

ClientSampleId :

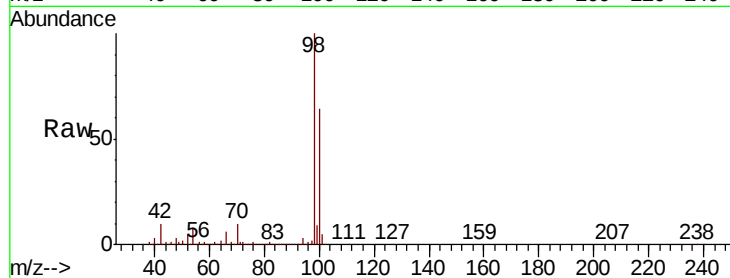
SB-63(0-5)-GRAB

Tot Ion: 98 Resp: 2479422

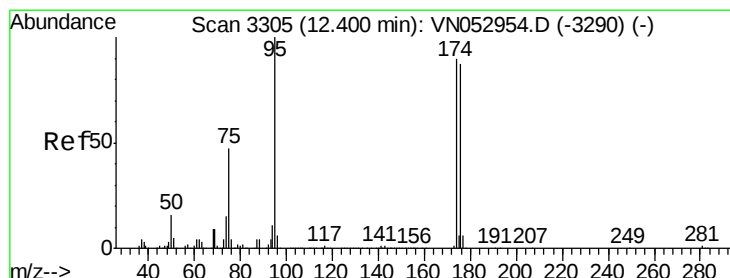
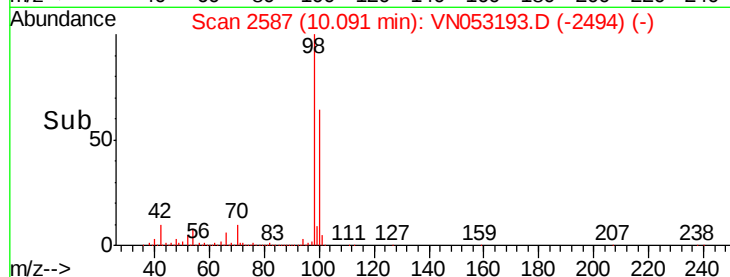
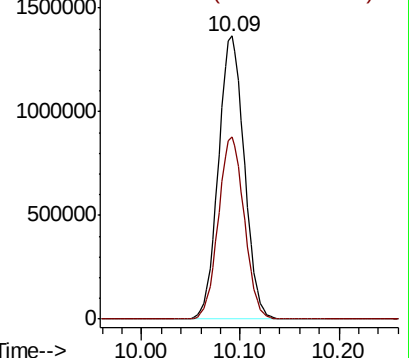
Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053193.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053193.D

Acq: 24 Dec 2018 18:47

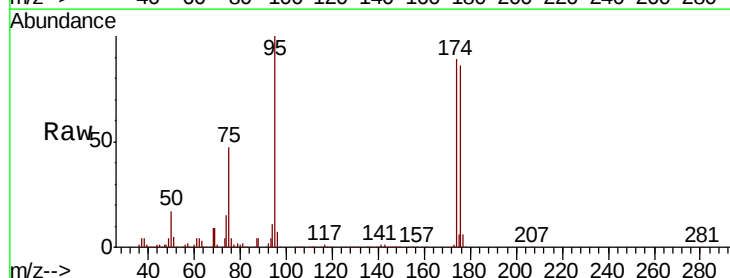
Tgt Ion: 95 Resp: 786851

Ion Ratio Lower Upper

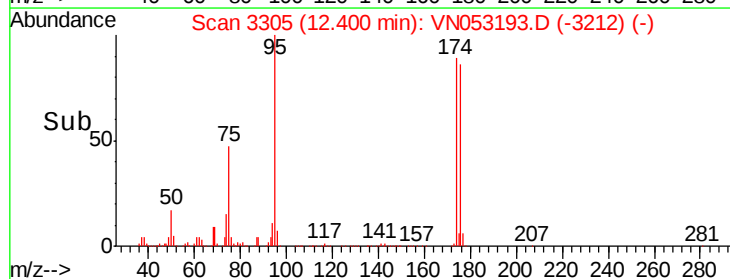
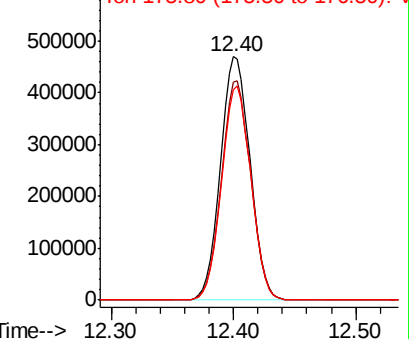
95 100

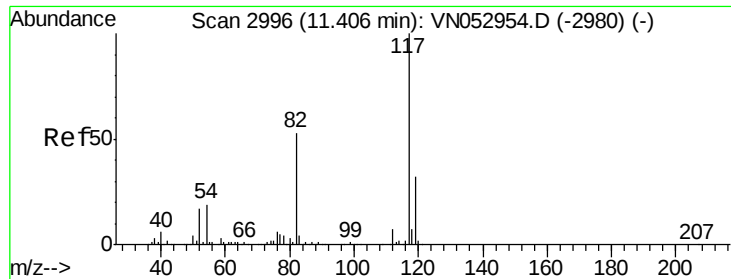
174 89.4 0.0 178.8

176 87.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053193.D (-3212) (-)

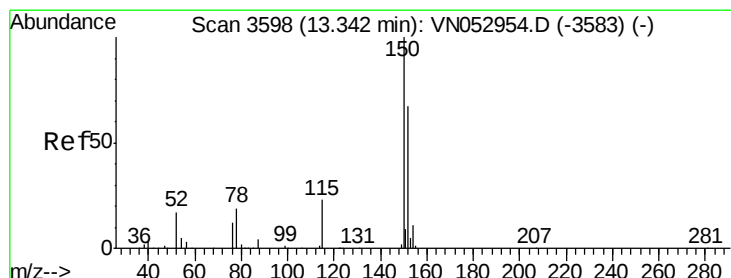
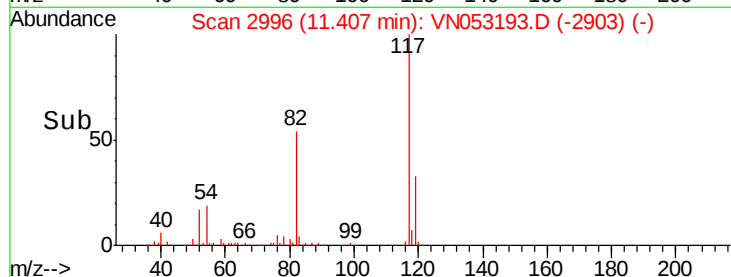
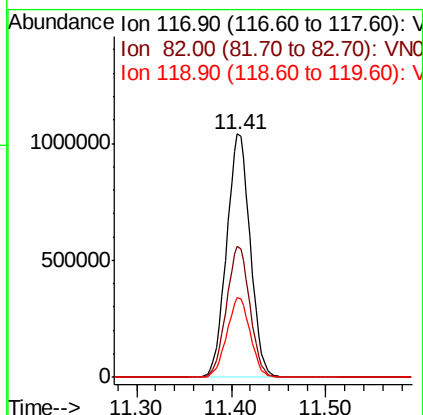
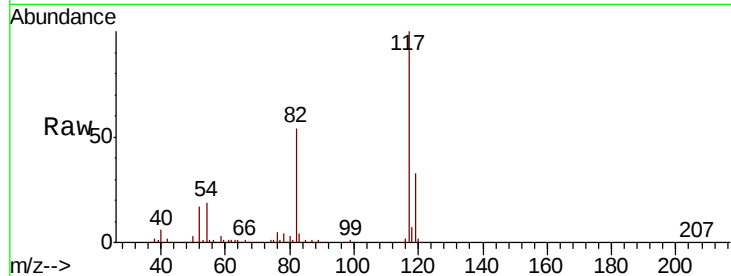




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053193.D
Acq: 24 Dec 2018 18:47

Instrument :
MSVOA_N
ClientSampled :
SB-63(0-5)-GRAB

Tot Ion:117 Resp: 1798750
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053193.D
Acq: 24 Dec 2018 18:47

Tgt Ion:152 Resp: 684505
Ion Ratio Lower Upper
152 100
115 56.4 28.3 85.0
150 157.3 0.0 347.8

