

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053195.D
 Acq On : 24 Dec 2018 19:40
 Operator : MD\SY
 Sample : J6511-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-65(0-5)-GRAB

Quant Time: Dec 25 00:47:30 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

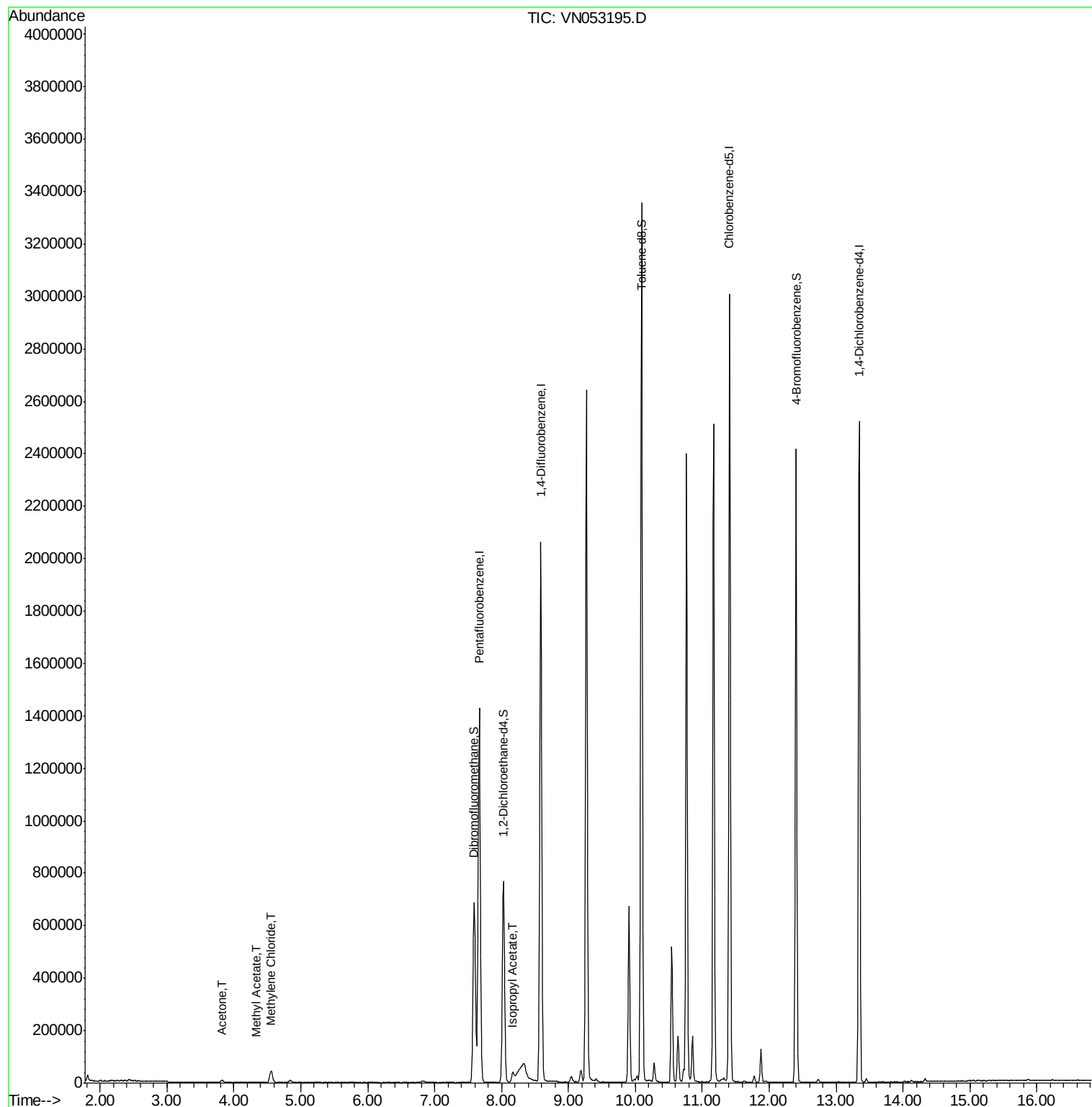
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1264320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1957733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1817321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	713747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	641697	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
35) Dibromofluoromethane	7.59	113	531015	59.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.76%	
50) Toluene-d8	10.09	98	2433598	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.40	95	818957	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
Target Compounds						
16) Acetone	3.82	43	17050	6.778	ug/l	99
18) Methyl Acetate	4.33	43	5584	1.471	ug/l	93
20) Methylene Chloride	4.56	84	33942	2.473	ug/l	96
43) Isopropyl Acetate	8.17	43	51491	1.524	ug/l #	85

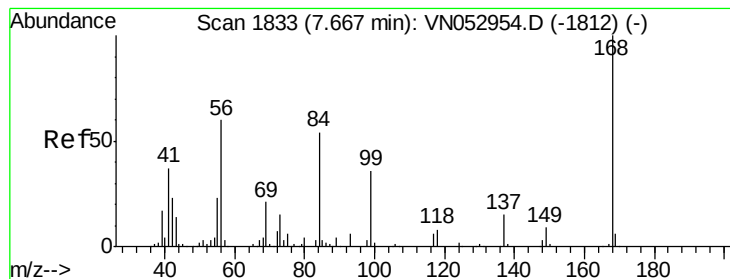
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053195.D

Acq: 24 Dec 2018 19:40

Instrument :

MSVOA_N

ClientSampleId :

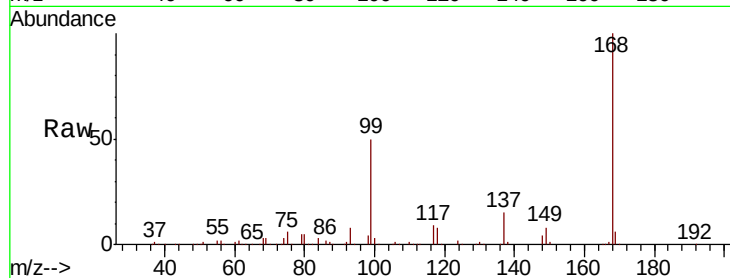
SB-65(0-5)-GRAB

Tot Ion:168 Resp: 1264320

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1812) (-)

7.67

600000

500000

400000

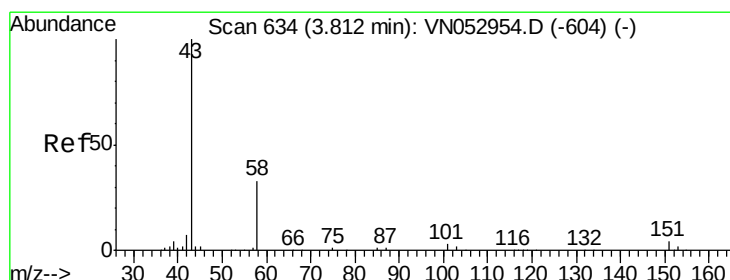
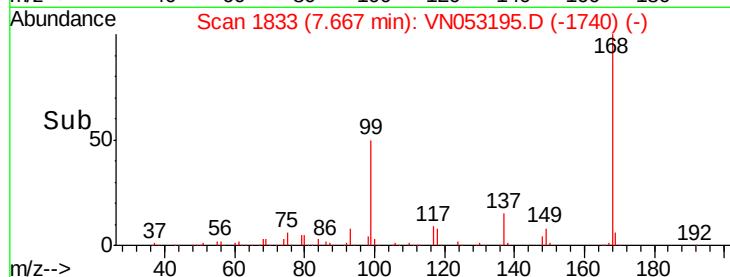
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.778 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053195.D

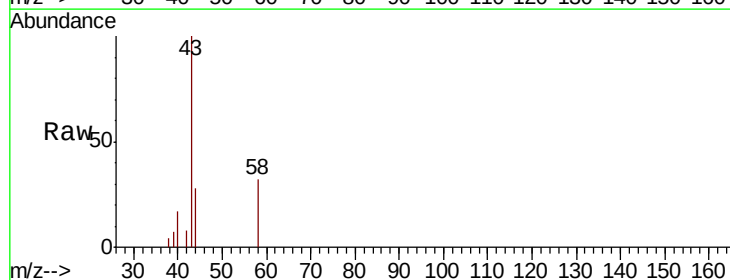
Acq: 24 Dec 2018 19:40

Tgt Ion: 43 Resp: 17050

Ion Ratio Lower Upper

43 100

58 32.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-604) (-)

3.82

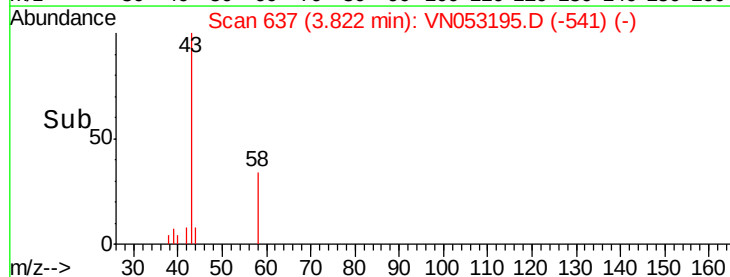
6000

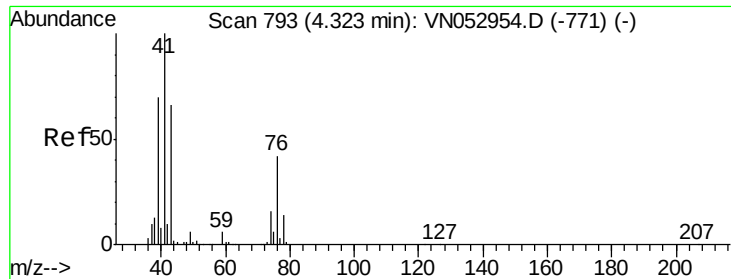
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

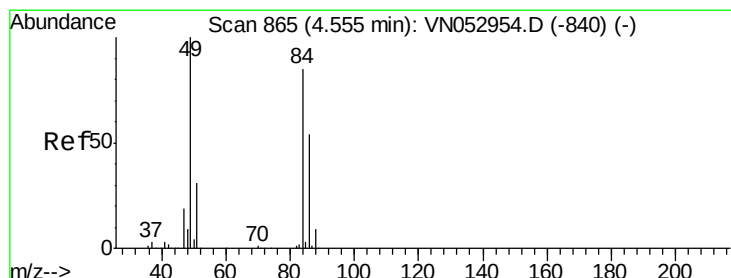
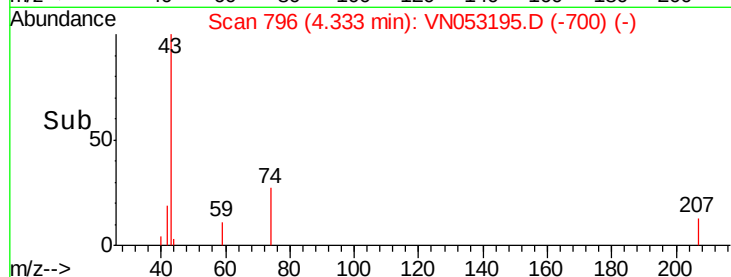
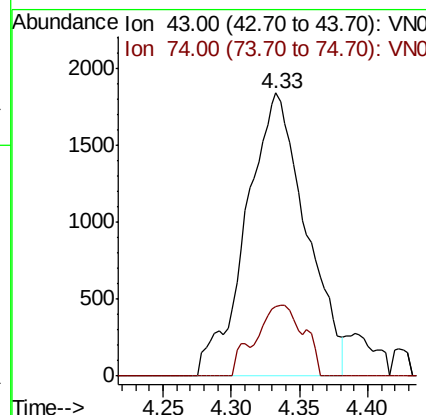
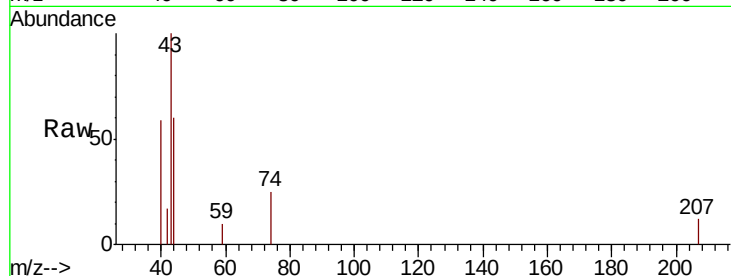




#18
Methvl Acetate
Concen: 1.471 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053195.D
Acq: 24 Dec 2018 19:40

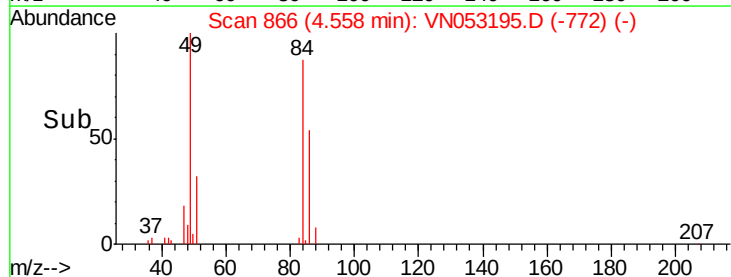
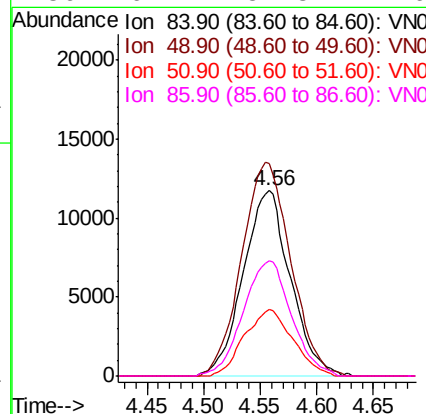
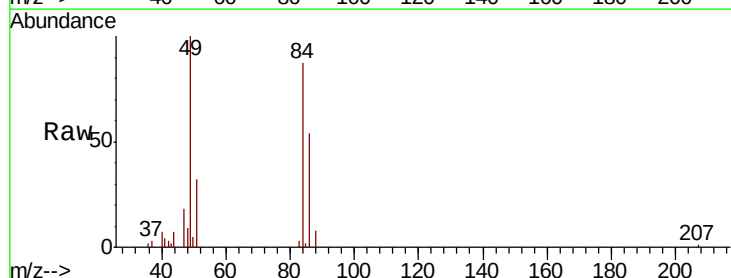
Instrument :
MSVOA_N
ClientSampleId :
SB-65(0-5)-GRAB

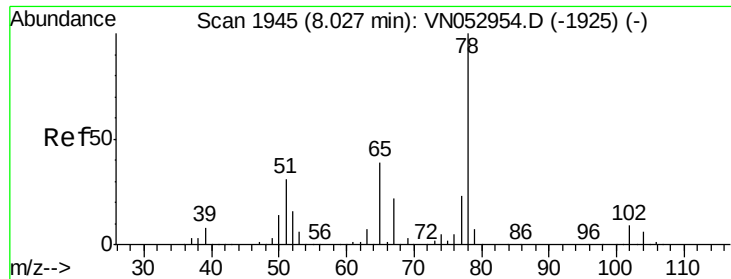
Tot Ion: 43 Resp: 5584
Ion Ratio Lower Upper
43 100
74 20.3 19.2 28.8



#20
Methylene Chloride
Concen: 2.473 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053195.D
Acq: 24 Dec 2018 19:40

Tgt Ion: 84 Resp: 33942
Ion Ratio Lower Upper
84 100
49 114.5 96.8 145.2
51 36.1 29.9 44.9
86 62.1 51.8 77.6

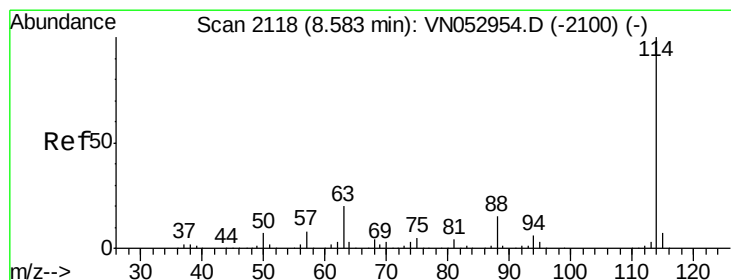
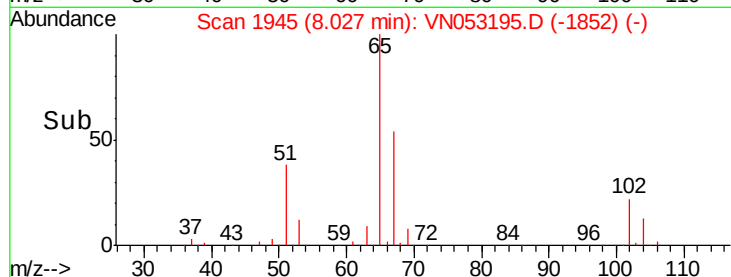
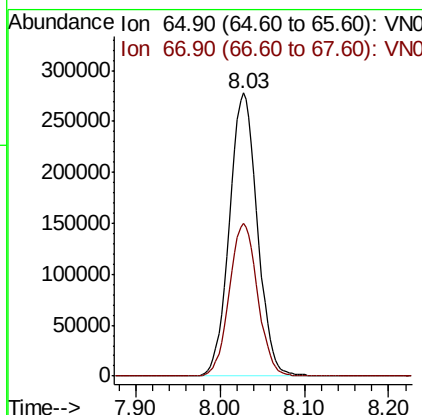
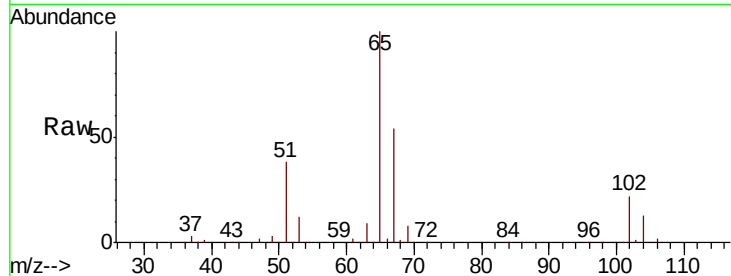




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053195.D
 Acq: 24 Dec 2018 19:40

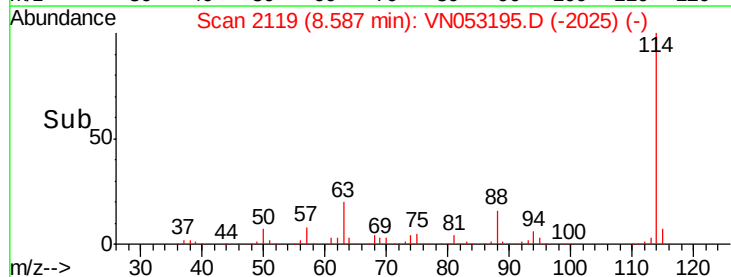
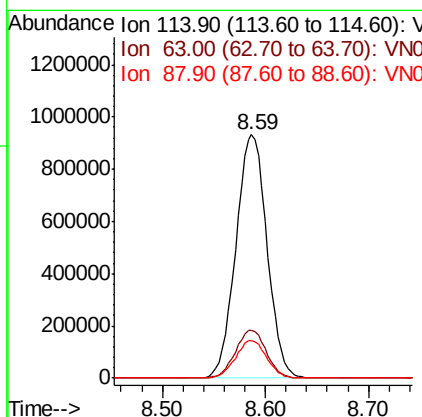
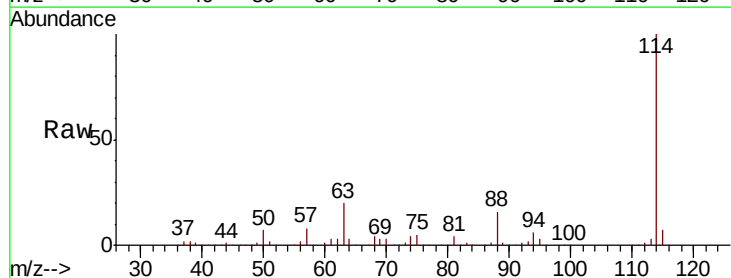
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-65(0-5)-GRAB

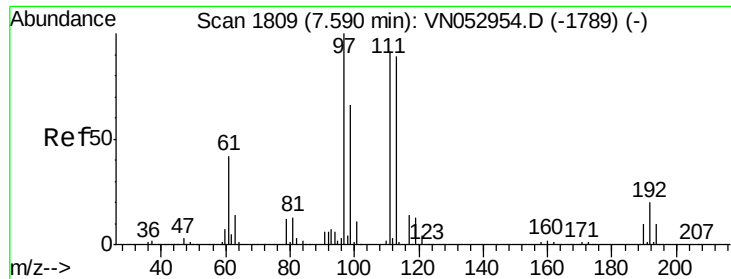
Tot Ion: 65 Resp: 641697
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053195.D
 Acq: 24 Dec 2018 19:40

Tgt Ion: 114 Resp: 1957733
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.5 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: VN053195.D

Acq: 24 Dec 2018 19:40

Instrument :

MSVOA_N

ClientSampleId :

SB-65(0-5)-GRAB

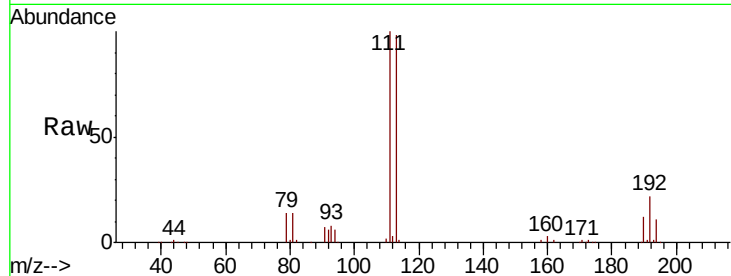
Tot Ion:113 Resp: 531015

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

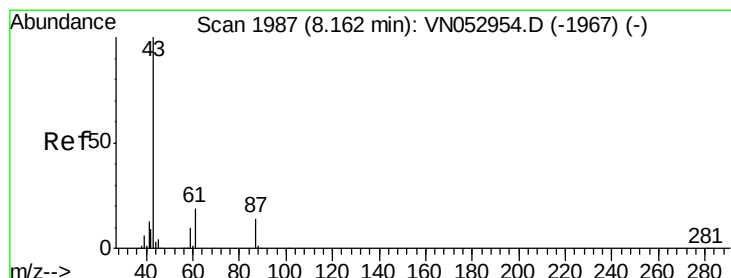
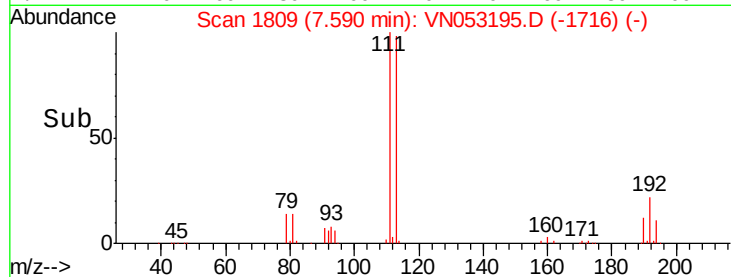
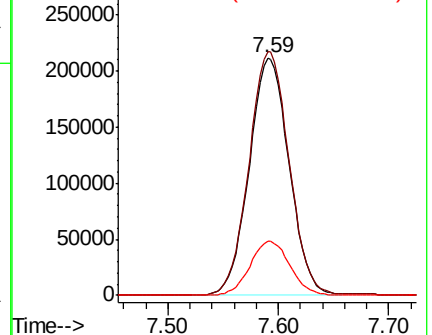
192 22.9 17.5 26.3



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: 1.524 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053195.D

Acq: 24 Dec 2018 19:40

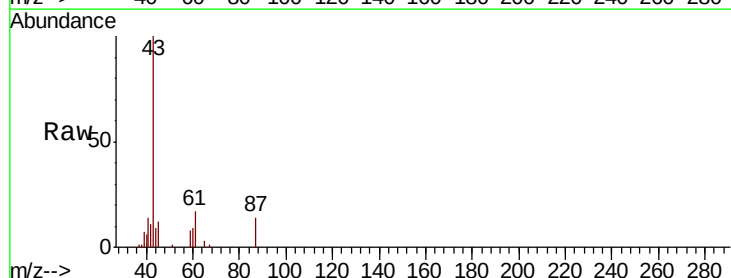
Tgt Ion: 43 Resp: 51491

Ion Ratio Lower Upper

43 100

61 17.8 22.9 34.3#

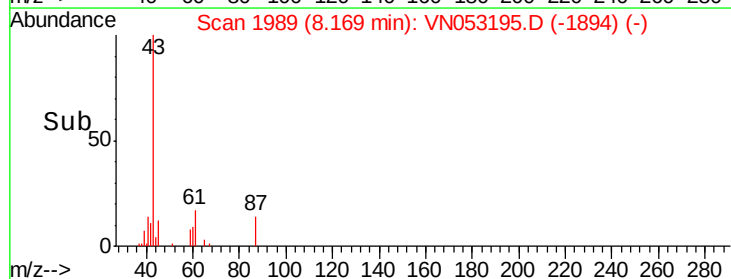
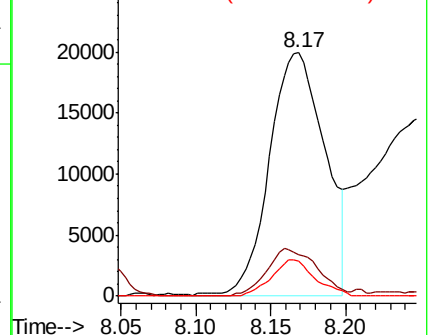
87 11.7 10.6 15.8

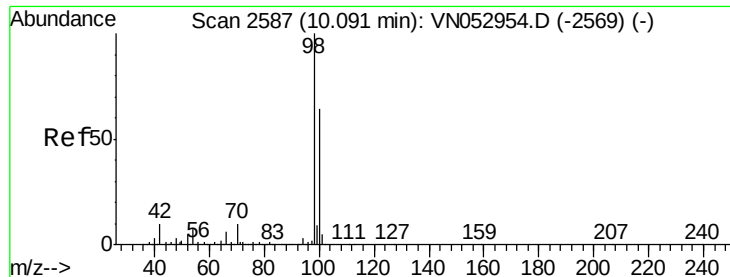


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: VN053195.D

Acq: 24 Dec 2018 19:40

Instrument :

MSVOA_N

ClientSampled :

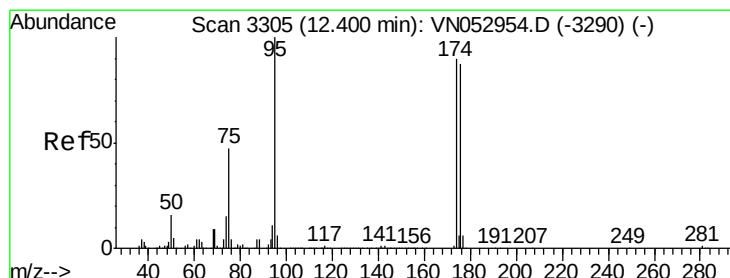
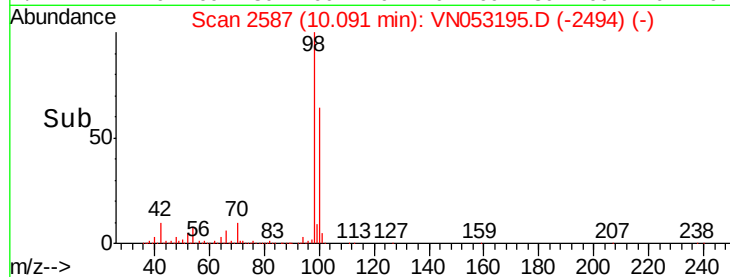
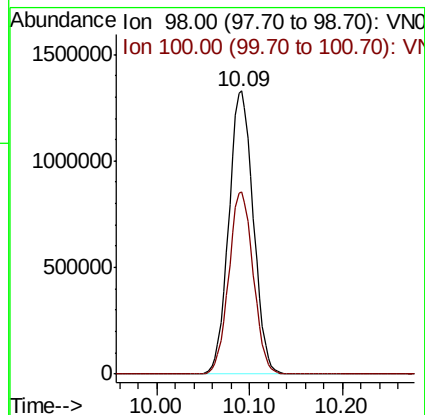
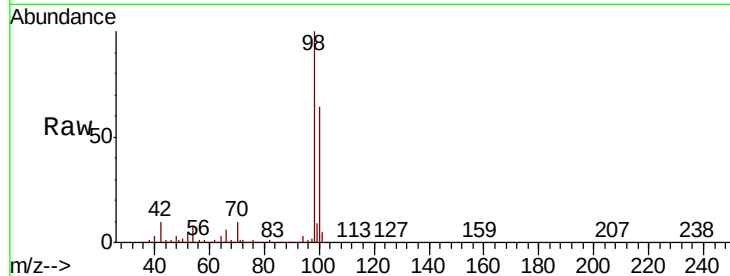
SB-65(0-5)-GRAB

Tot Ion: 98 Resp: 2433598

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053195.D

Acq: 24 Dec 2018 19:40

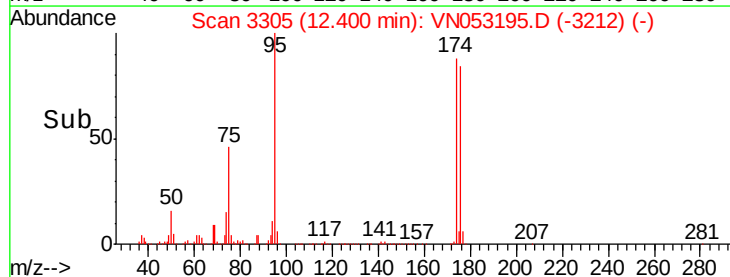
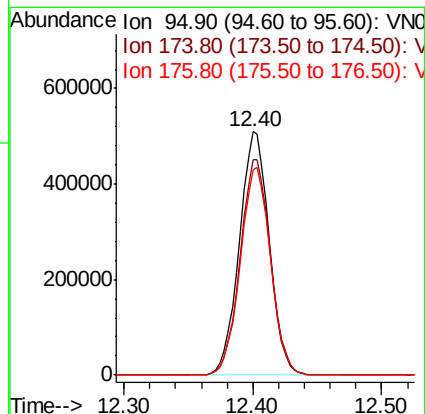
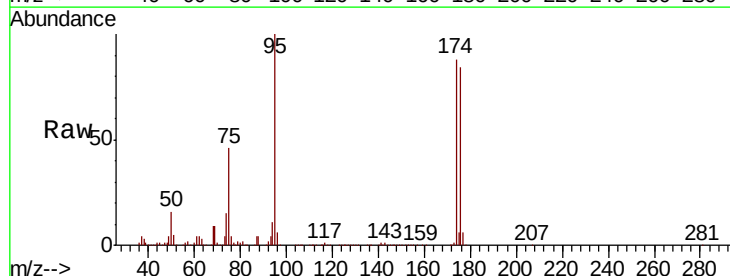
Tgt Ion: 95 Resp: 818957

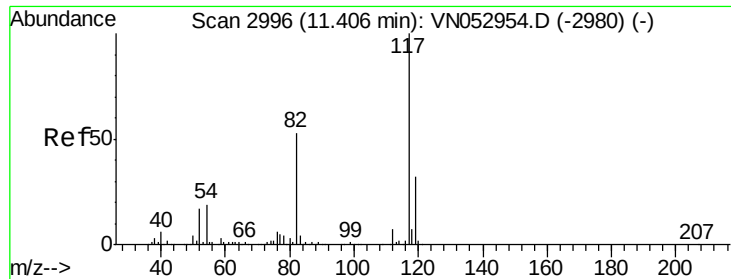
Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.8

176 86.5 0.0 173.8

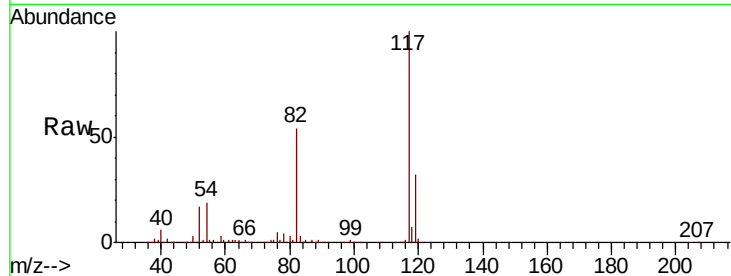




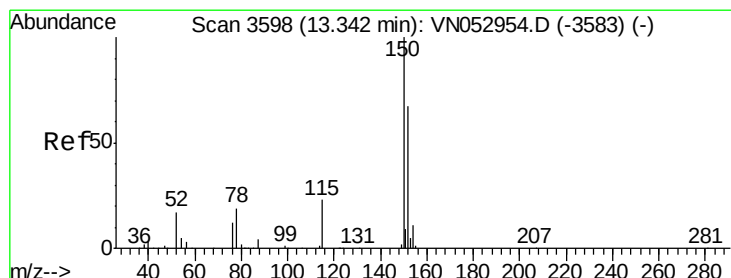
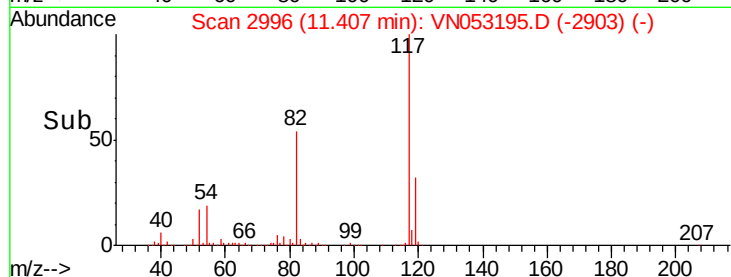
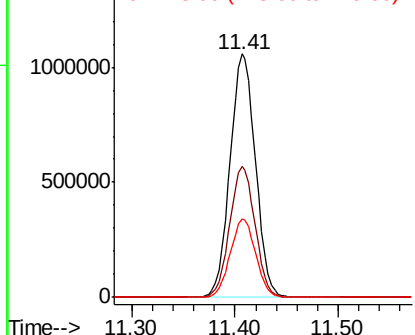
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053195.D
Acq: 24 Dec 2018 19:40

Instrument :
MSVOA_N
ClientSampled :
SB-65(0-5)-GRAB

Tot Ion:117 Resp: 1817321
Ion Ratio Lower Upper
117 100
82 53.8 42.8 64.2
119 32.1 25.5 38.3

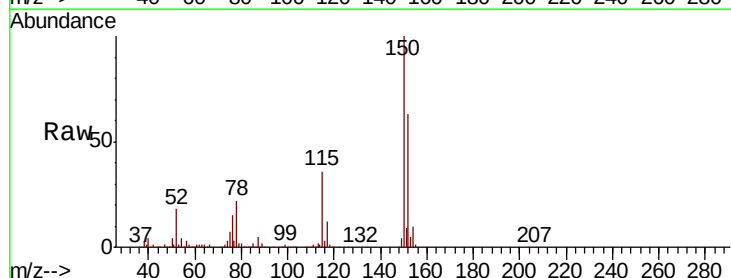


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053195.D
Acq: 24 Dec 2018 19:40

Tgt Ion:152 Resp: 713747
Ion Ratio Lower Upper
152 100
115 56.3 28.3 85.0
150 157.8 0.0 347.8



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

