

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053188.D
 Acq On : 24 Dec 2018 16:33
 Operator : MD\SY
 Sample : J6511-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-58(0-5)-GRAB

Quant Time: Dec 25 00:28:36 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

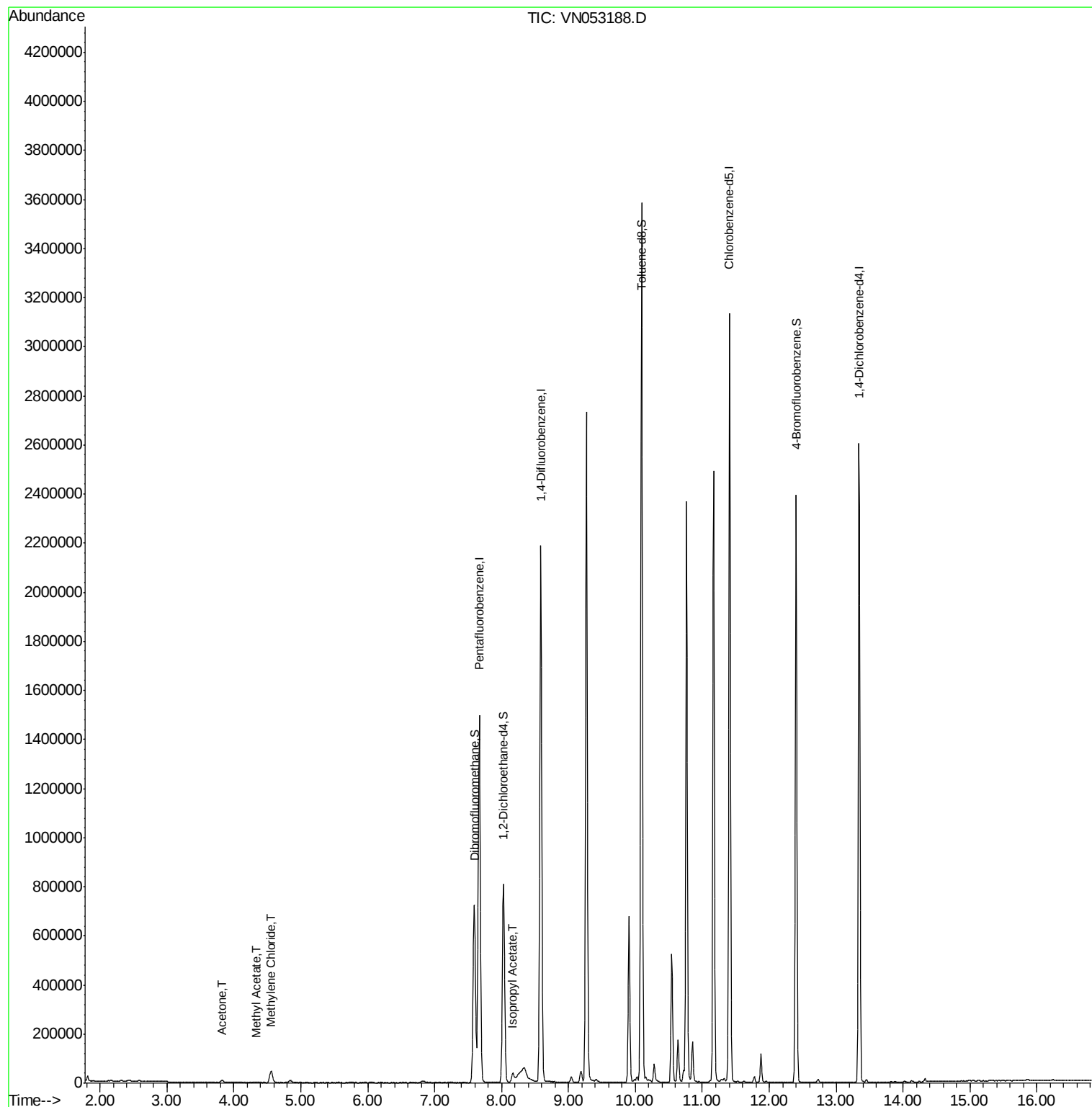
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1313154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2057034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1886594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	736664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	663933	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
35) Dibromofluoromethane	7.59	113	559883	59.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.16%	
50) Toluene-d8	10.09	98	2545133	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.40	95	842672	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
Target Compounds						
16) Acetone	3.82	43	18057	6.911	ug/l	93
18) Methyl Acetate	4.32	43	4284	1.346	ug/l	99
20) Methylene Chloride	4.56	84	38067	2.671	ug/l	96
43) Isopropyl Acetate	8.17	43	53552	1.497	ug/l #	86

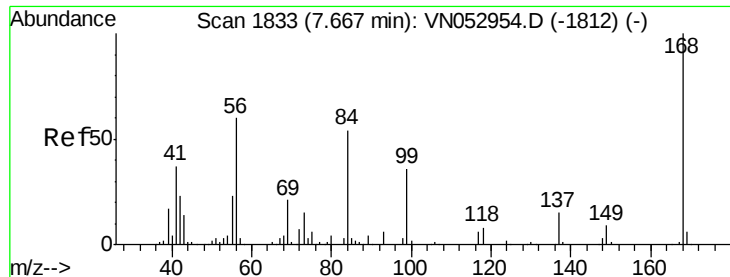
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053188.D

Acq: 24 Dec 2018 16:33

Instrument :

MSVOA_N

ClientSampleId :

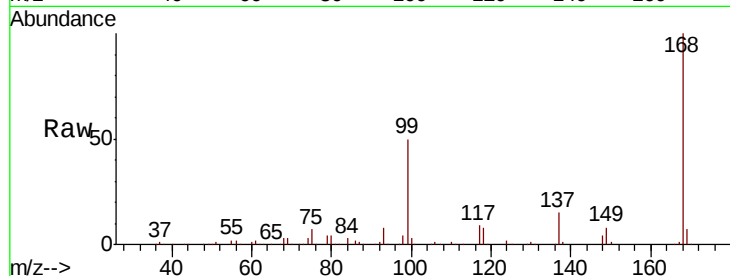
SB-58(0-5)-GRAB

Tot Ion:168 Resp: 1313154

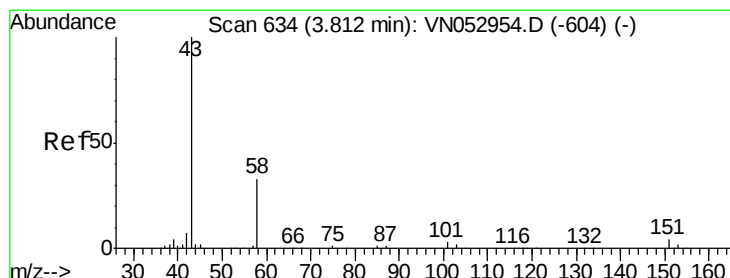
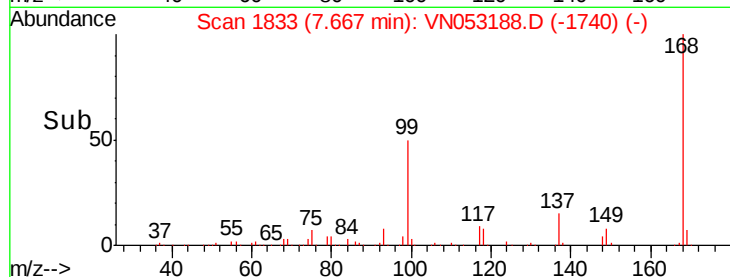
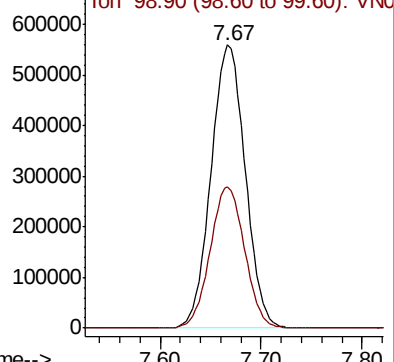
Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



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



#16

Acetone

Concen: 6.911 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053188.D

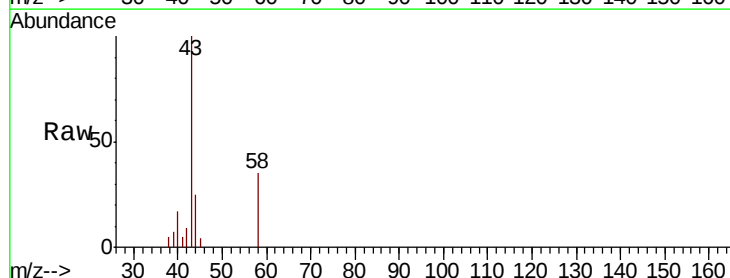
Acq: 24 Dec 2018 16:33

Tgt Ion: 43 Resp: 18057

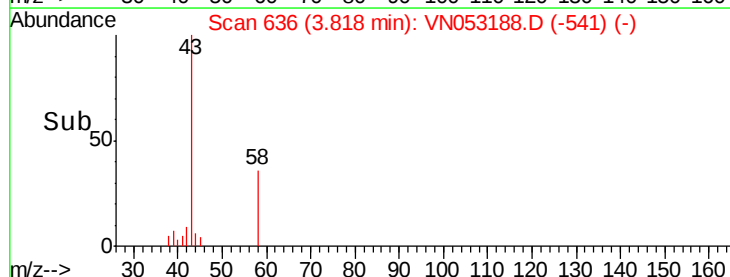
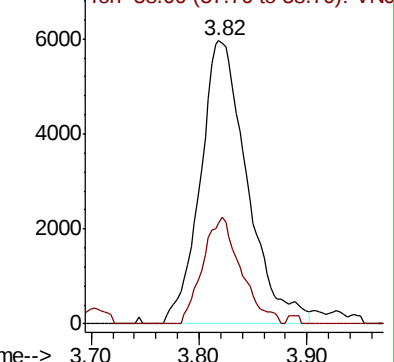
Ion Ratio Lower Upper

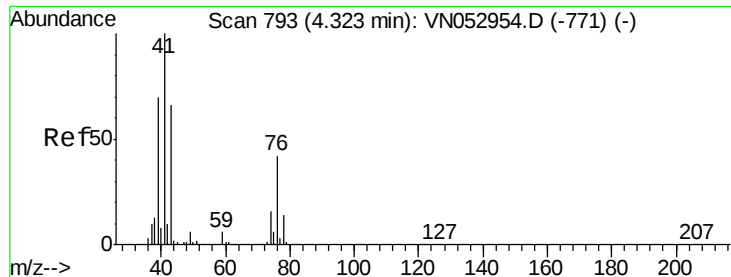
43 100

58 35.4 25.4 38.0



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

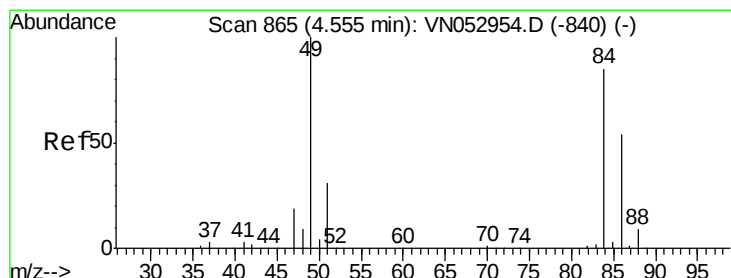
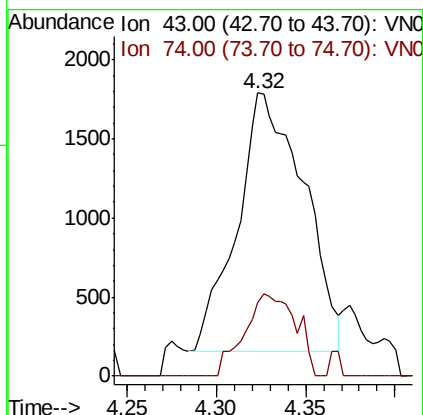
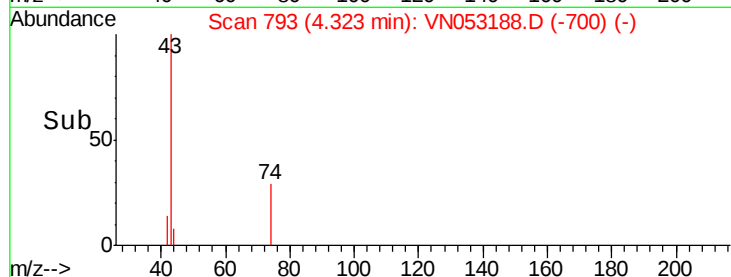
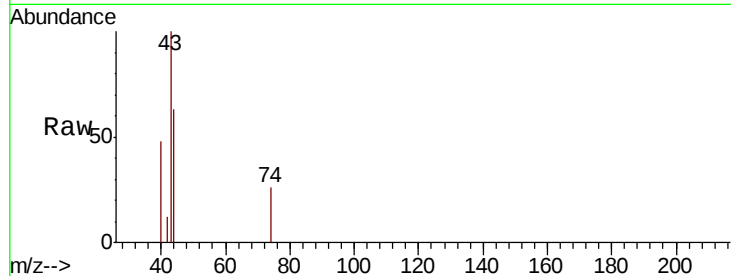




#18
Methyl Acetate
Concen: 1.346 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053188.D
Acq: 24 Dec 2018 16:33

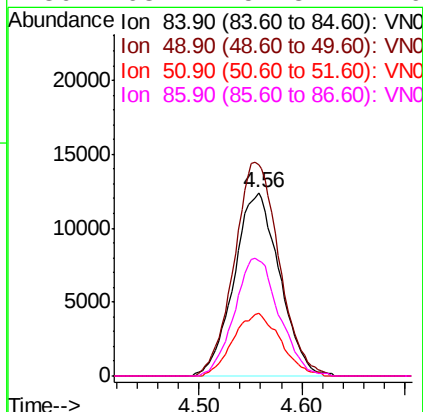
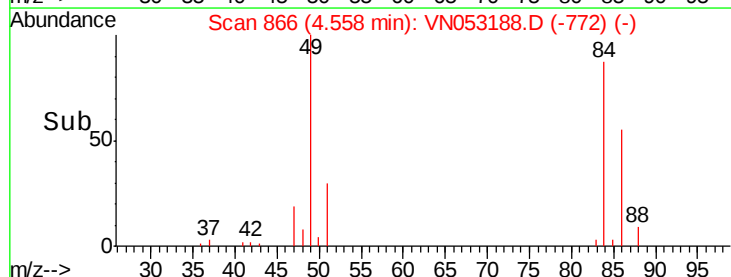
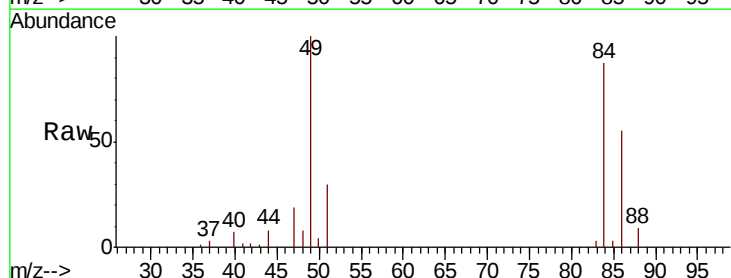
Instrument :
MSVOA_N
ClientSampled :
SB-58(0-5)-GRAB

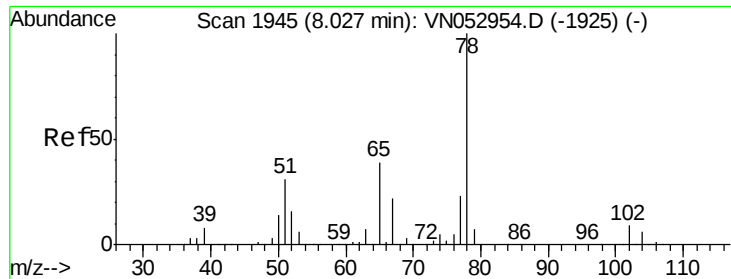
Tot Ion: 43 Resp: 4284
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8



#20
Methylene Chloride
Concen: 2.671 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053188.D
Acq: 24 Dec 2018 16:33

Tgt Ion: 84 Resp: 38067
Ion Ratio Lower Upper
84 100
49 115.6 96.8 145.2
51 34.2 29.9 44.9
86 63.2 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: VN053188.D

Acq: 24 Dec 2018 16:33

Instrument :

MSVOA_N

ClientSampleId :

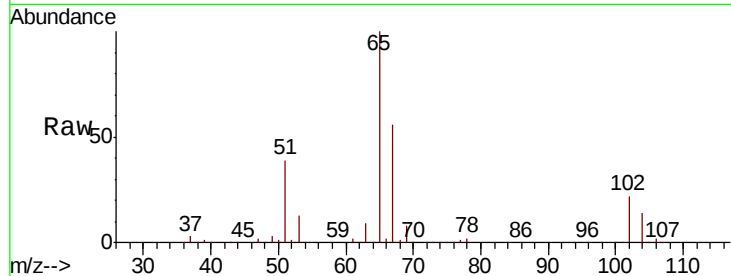
SB-58(0-5)-GRAB

Tot Ion: 65 Resp: 663933

Ion Ratio Lower Upper

65 100

67 55.7 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN053188.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053188.D (-1925) (-)

8.03

300000

250000

200000

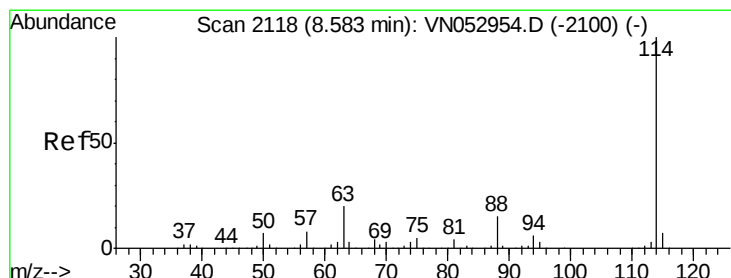
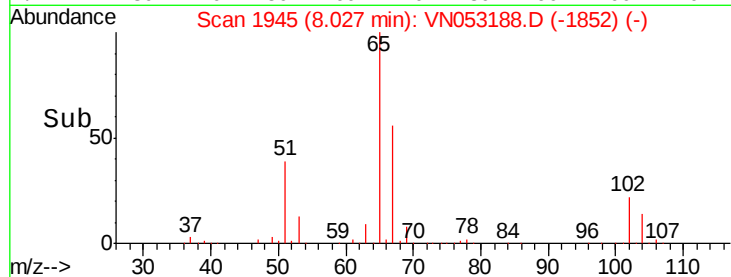
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053188.D

Acq: 24 Dec 2018 16:33

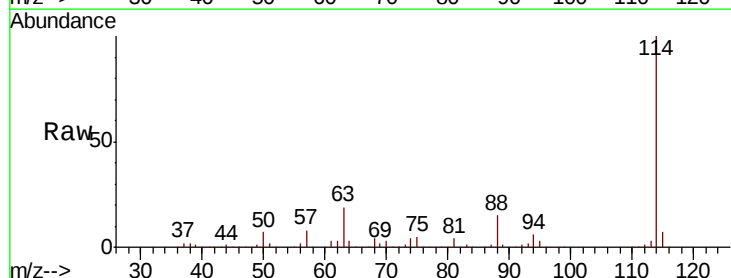
Tgt Ion: 114 Resp: 2057034

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN053188.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN053188.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN053188.D (-2100) (-)

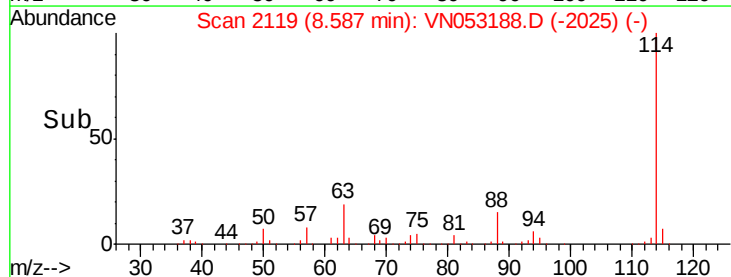
8.59

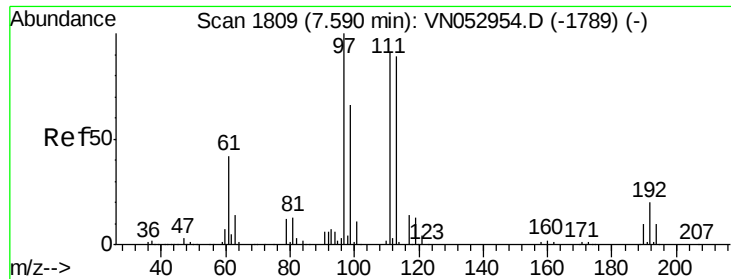
1000000

500000

0

Time-->

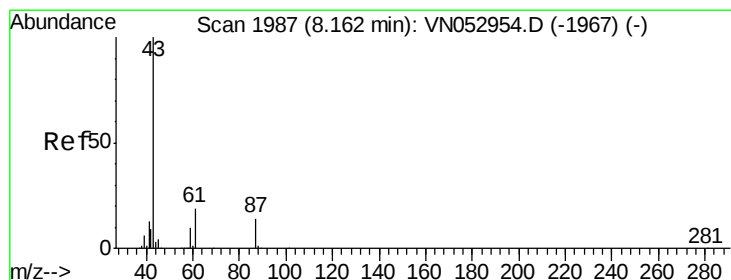
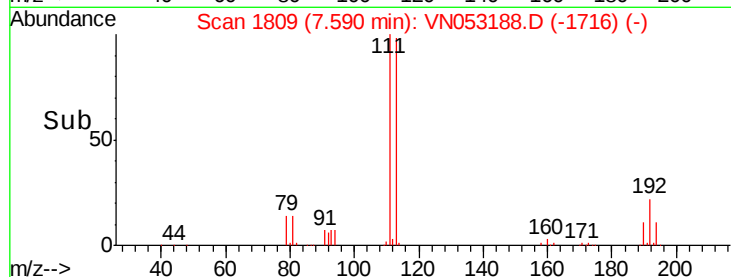
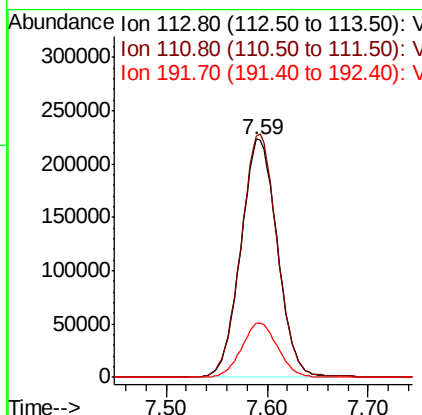
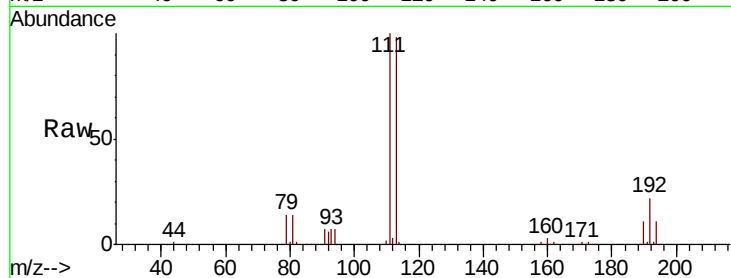




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053188.D
 Acq: 24 Dec 2018 16:33

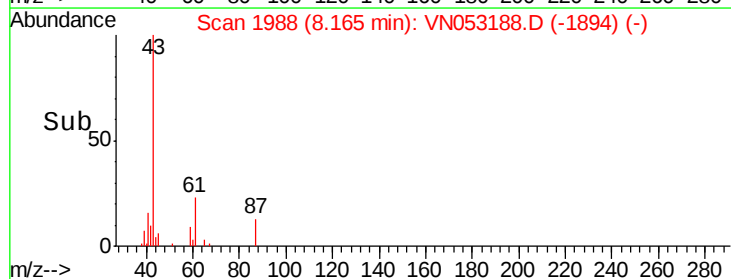
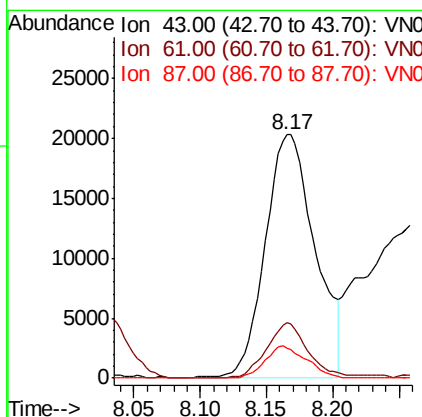
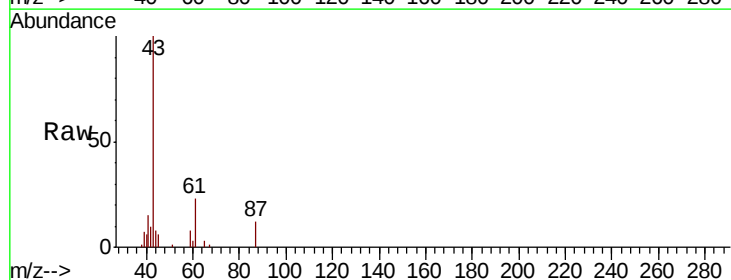
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-58(0-5)-GRAB

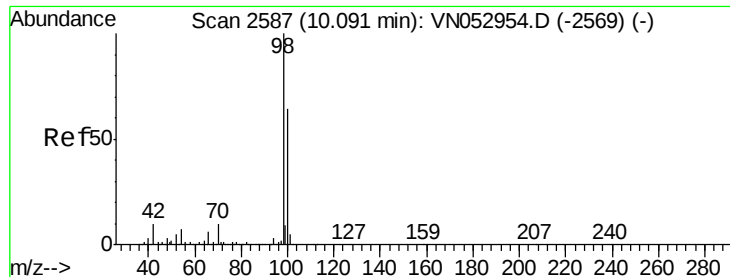
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.4
192	22.7	17.5	26.3



#43
 Isopropyl Acetate
 Concen: 1.497 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN053188.D
 Acq: 24 Dec 2018 16:33

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.9	22.9	34.3#
87	10.9	10.6	15.8





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053188.D

Acq: 24 Dec 2018 16:33

Instrument :

MSVOA_N

ClientSampleId :

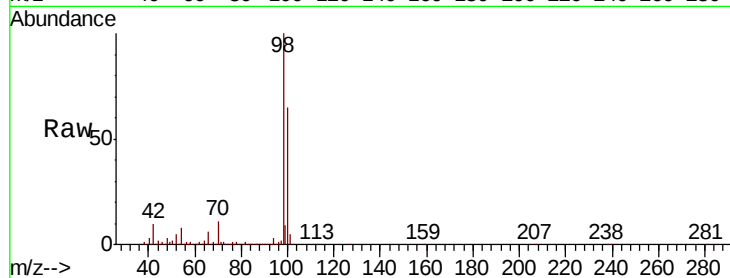
SB-58(0-5)-GRAB

Tot Ion: 98 Resp: 2545133

Ion Ratio Lower Upper

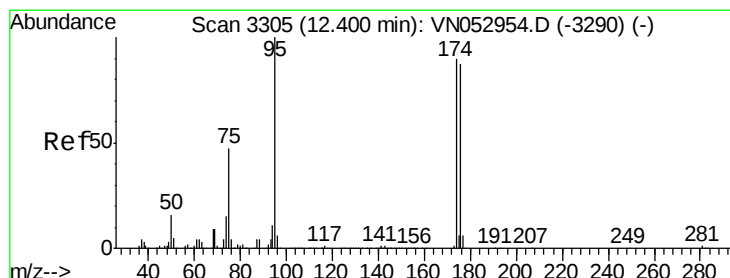
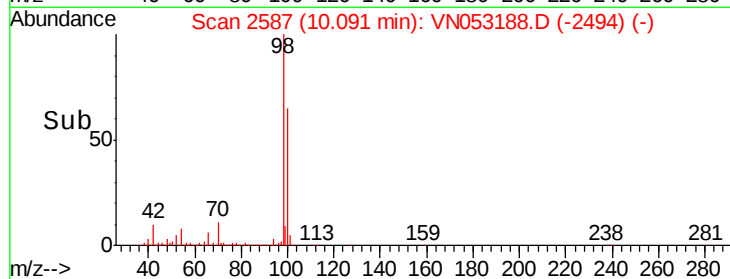
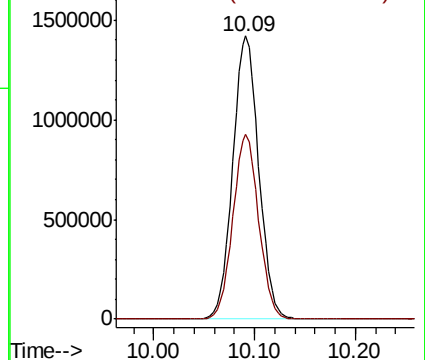
98 100

100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053188.D

Acq: 24 Dec 2018 16:33

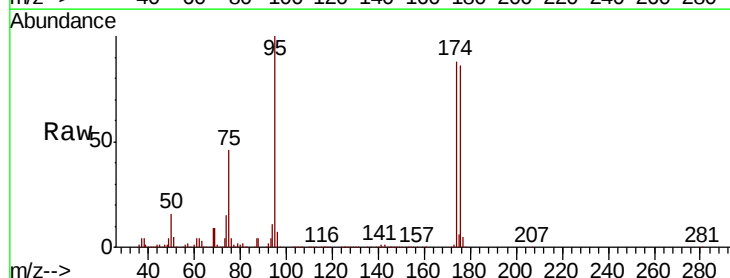
Tgt Ion: 95 Resp: 842672

Ion Ratio Lower Upper

95 100

174 89.0 0.0 178.8

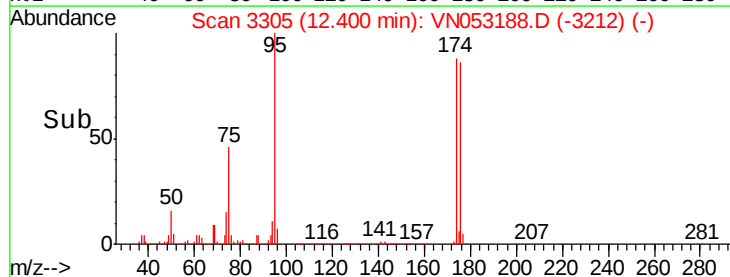
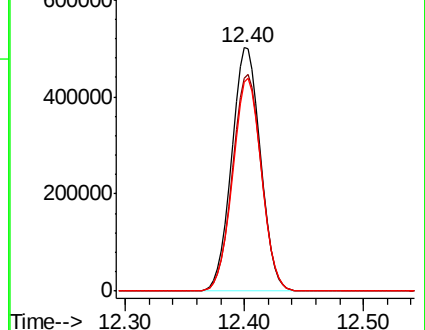
176 87.1 0.0 173.8

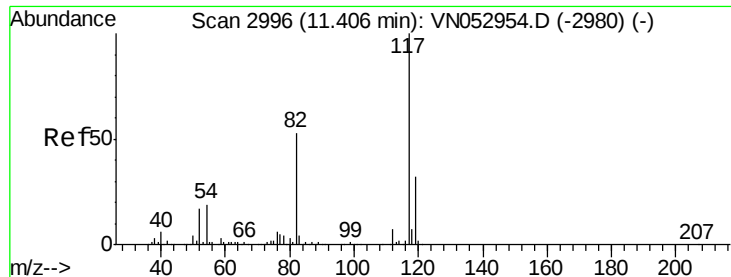


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

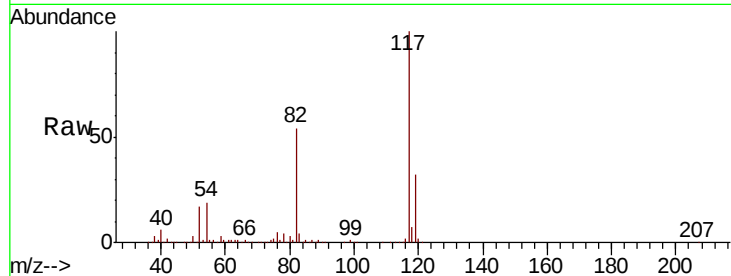




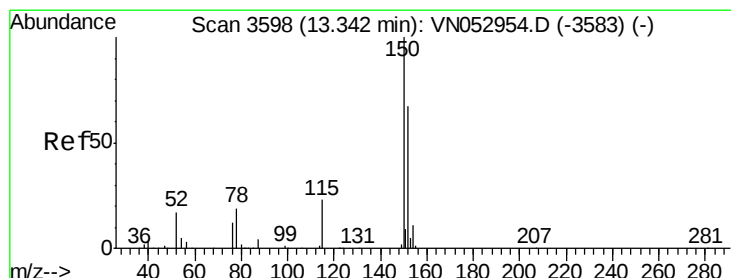
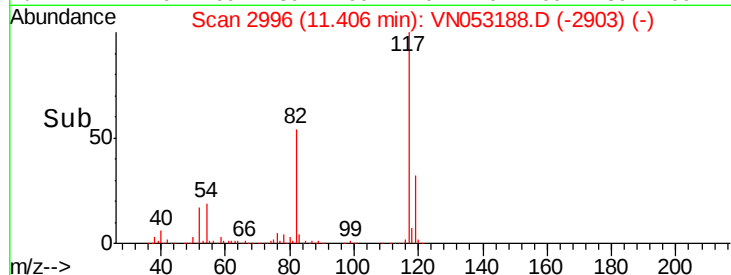
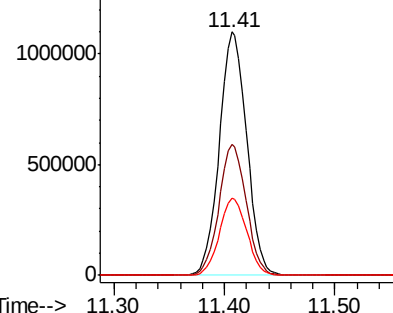
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053188.D
Acq: 24 Dec 2018 16:33

Instrument :
MSVOA_N
ClientSampled :
SB-58(0-5)-GRAB

Tot Ion:117 Resp: 1886594
Ion Ratio Lower Upper
117 100
82 54.0 42.8 64.2
119 32.0 25.5 38.3

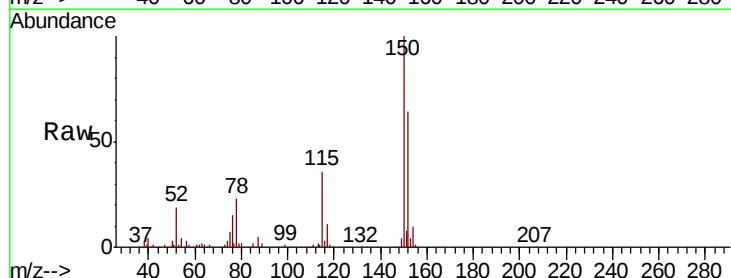


Abundance Ion 116.90 (116.60 to 117.60): V
1500000 Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053188.D
Acq: 24 Dec 2018 16:33

Tgt Ion:152 Resp: 736664
Ion Ratio Lower Upper
152 100
115 56.8 28.3 85.0
150 158.0 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

