

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053191.D
 Acq On : 24 Dec 2018 17:53
 Operator : MD\SY
 Sample : J6511-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-61(0-5)-GRAB

Quant Time: Dec 25 00:36:25 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

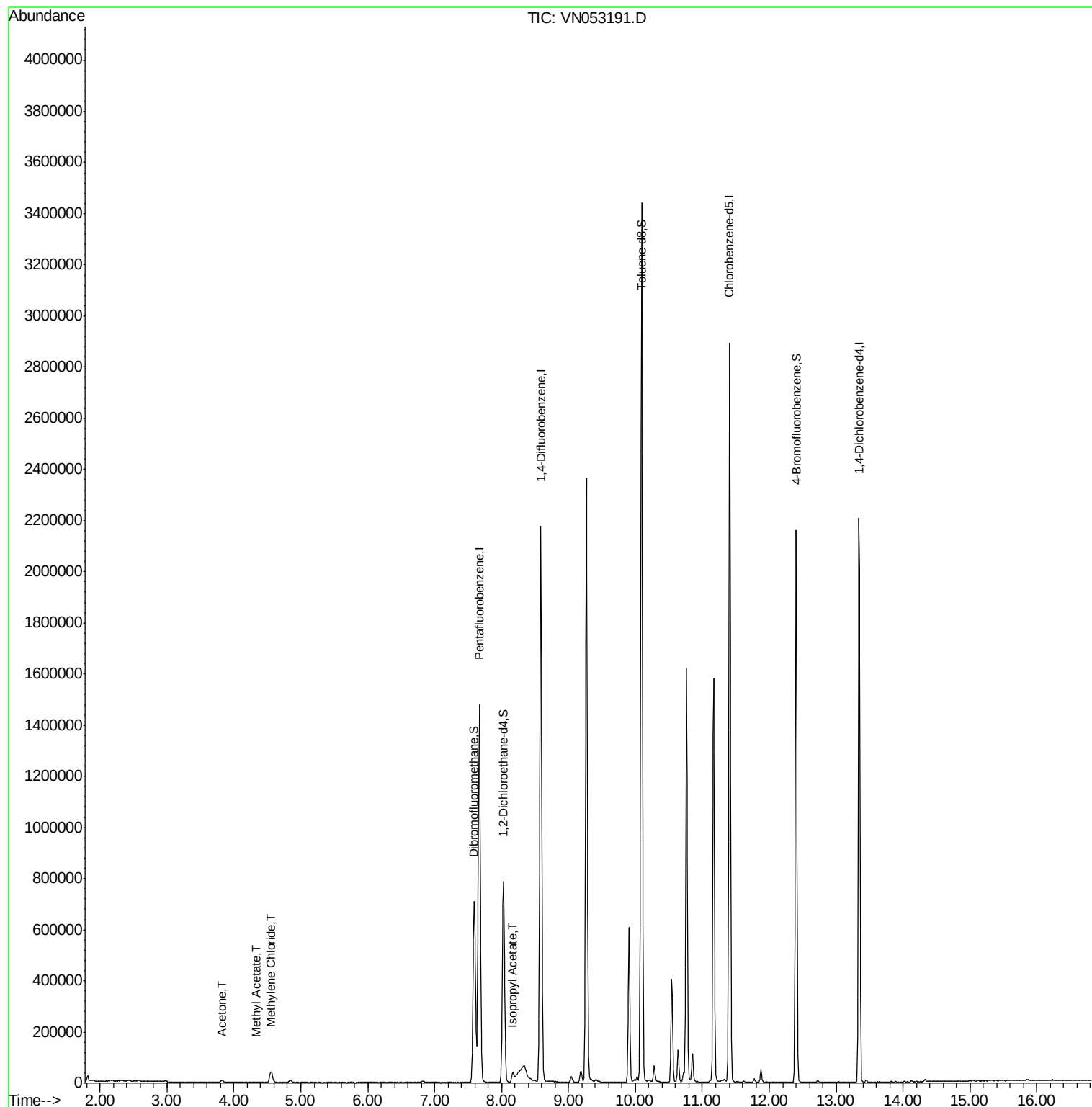
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1305079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2026367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1759697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	627221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	652930	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	7.59	113	544975	58.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.76%	
50) Toluene-d8	10.09	98	2469122	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.40	95	756872	43.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.78%	
Target Compounds						
16) Acetone	3.82	43	17575	6.768	ug/l	93
18) Methyl Acetate	4.33	43	5806	1.475	ug/l #	65
20) Methylene Chloride	4.55	84	33866	2.391	ug/l	99
43) Isopropyl Acetate	8.17	43	55325	1.622	ug/l #	83

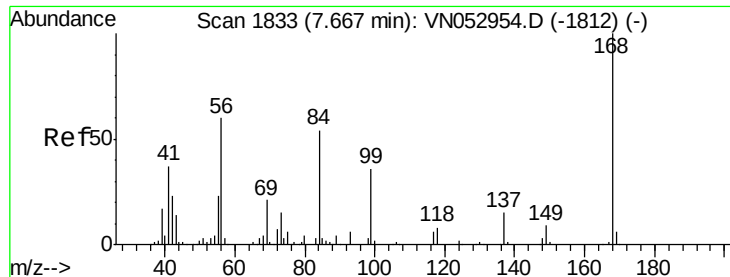
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053191.D

Acq: 24 Dec 2018 17:53

Instrument :

MSVOA_N

ClientSampleId :

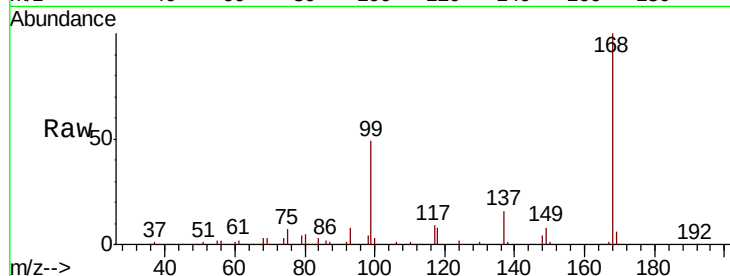
SB-61(0-5)-GRAB

Tot Ion:168 Resp: 1305079

Ion Ratio Lower Upper

168 100

99 49.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

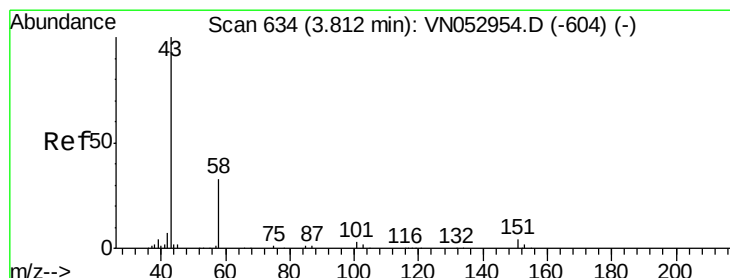
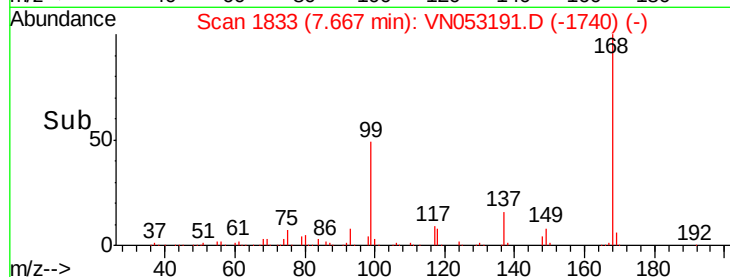
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.768 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053191.D

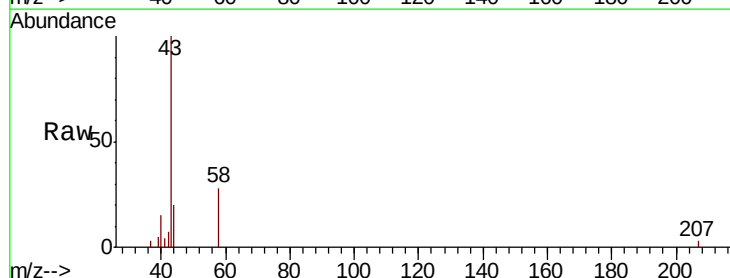
Acq: 24 Dec 2018 17:53

Tgt Ion: 43 Resp: 17575

Ion Ratio Lower Upper

43 100

58 27.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

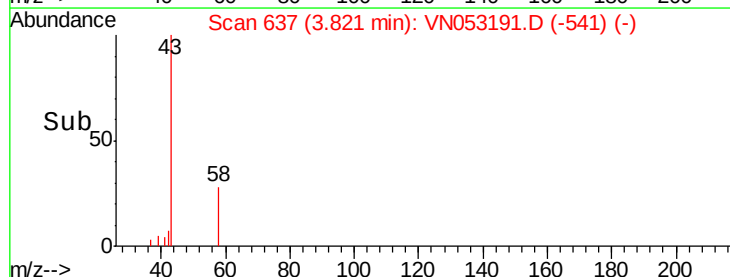
6000

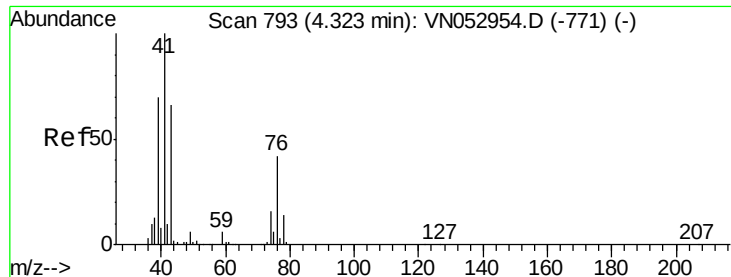
4000

2000

0

Time-->

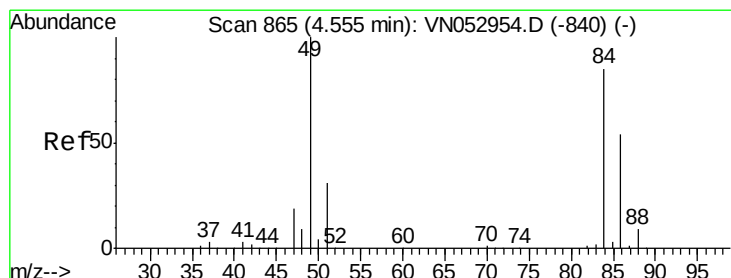
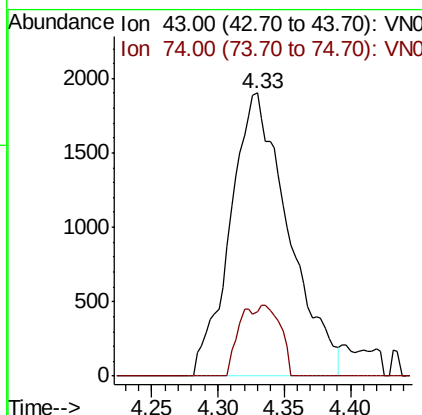
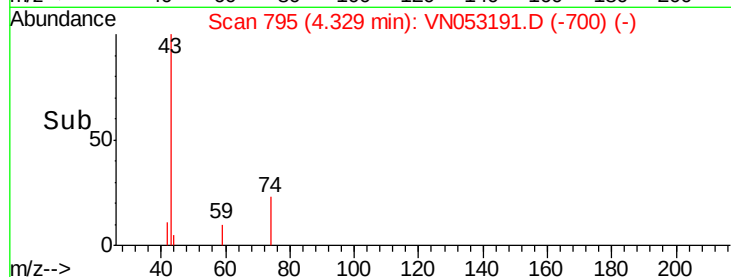
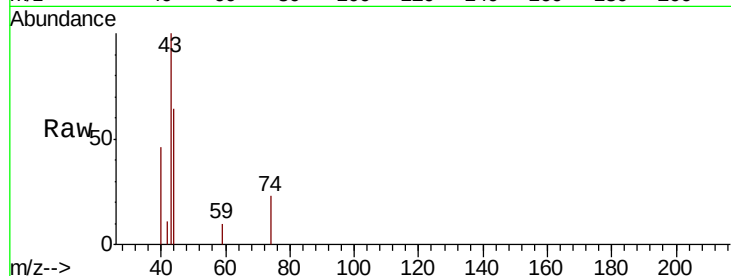




#18
Methyl Acetate
Concen: 1.475 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053191.D
Acq: 24 Dec 2018 17:53

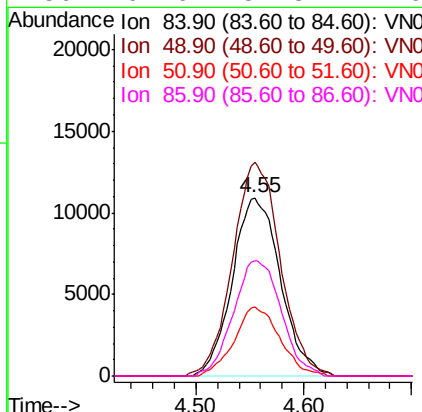
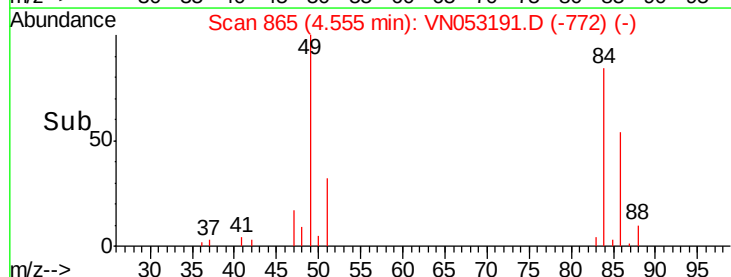
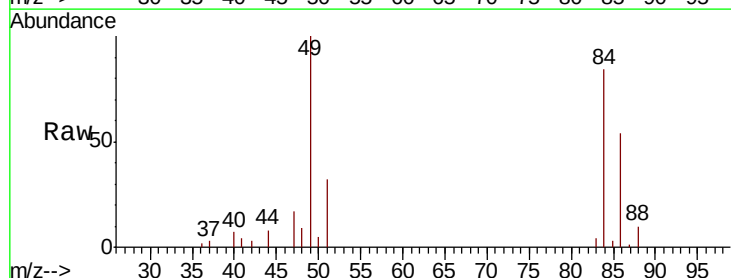
Instrument :
MSVOA_N
ClientSampleId :
SB-61(0-5)-GRAB

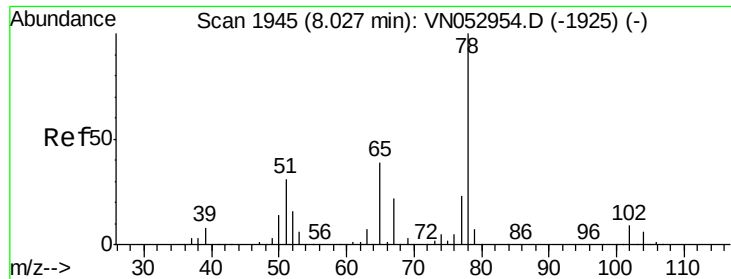
Tot Ion: 43 Resp: 5806
Ion Ratio Lower Upper
43 100
74 7.0 19.2 28.8#



#20
Methylene Chloride
Concen: 2.391 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053191.D
Acq: 24 Dec 2018 17:53

Tgt Ion: 84 Resp: 33866
Ion Ratio Lower Upper
84 100
49 119.7 96.8 145.2
51 38.5 29.9 44.9
86 64.6 51.8 77.6

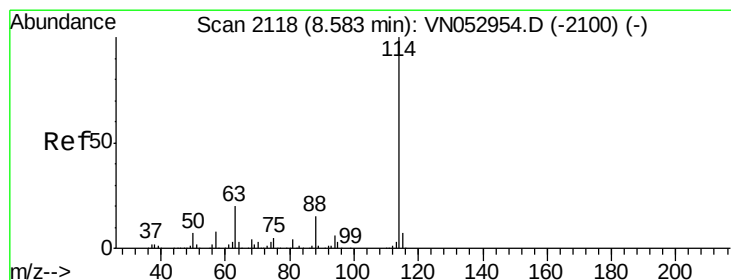
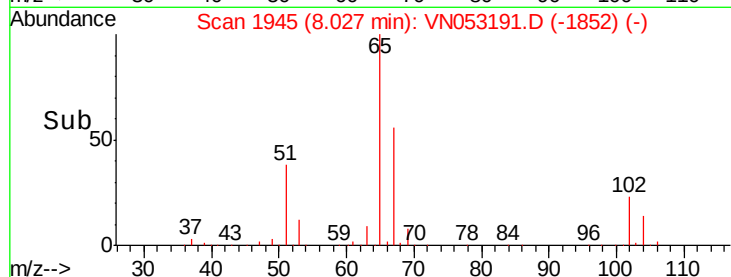
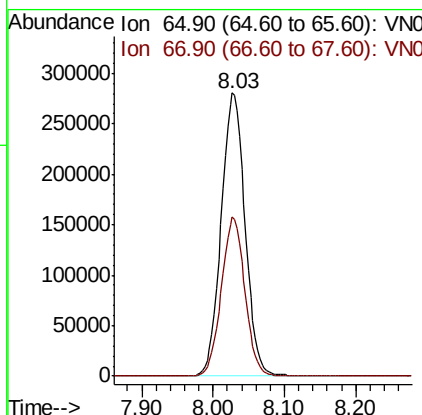
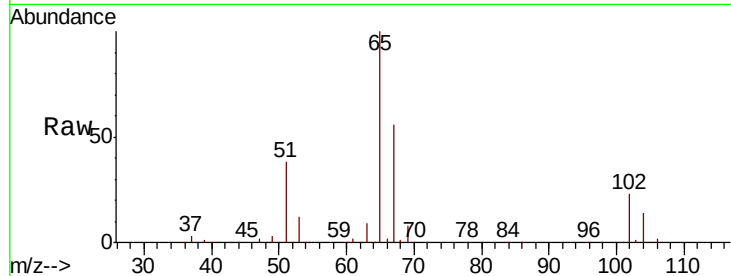




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053191.D
 Acq: 24 Dec 2018 17:53

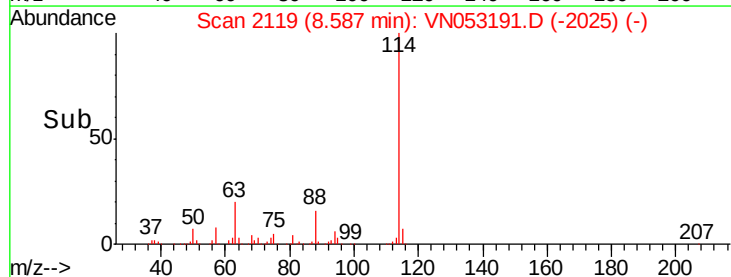
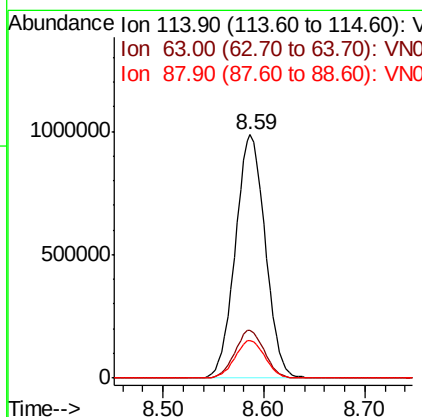
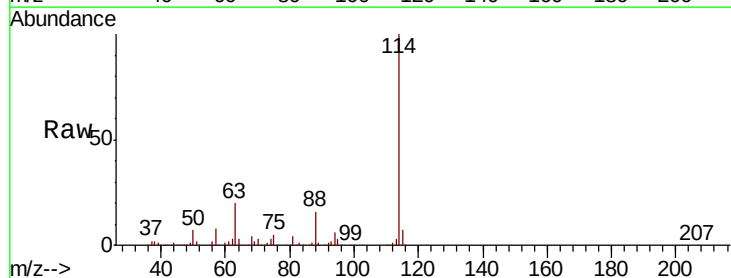
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-61(0-5)-GRAB

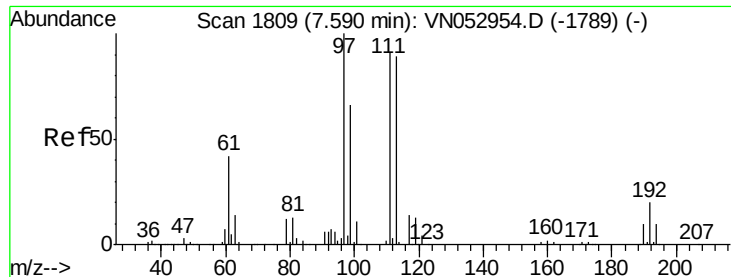
Tot Ion: 65 Resp: 652930
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053191.D
 Acq: 24 Dec 2018 17:53

Tgt Ion: 114 Resp: 2026367
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.6 0.0 31.0

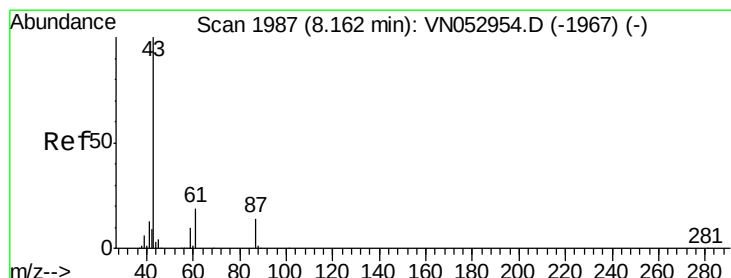
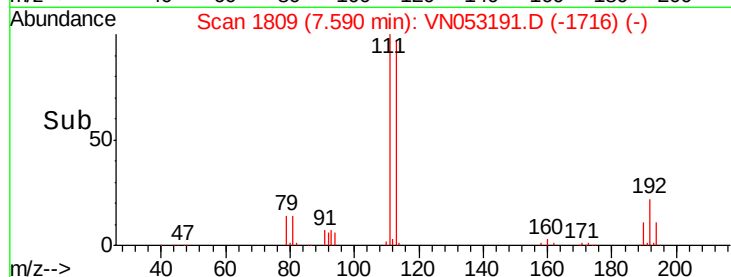
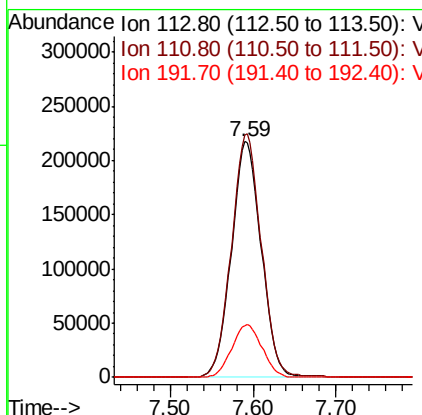
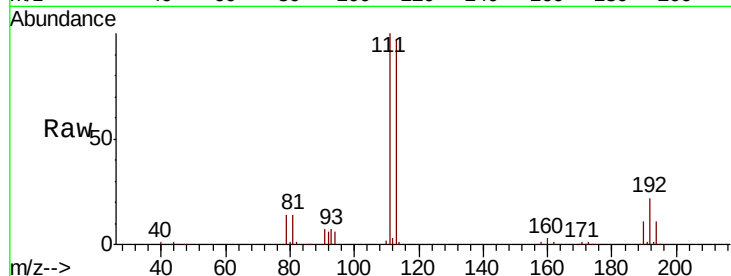




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053191.D
 Acq: 24 Dec 2018 17:53

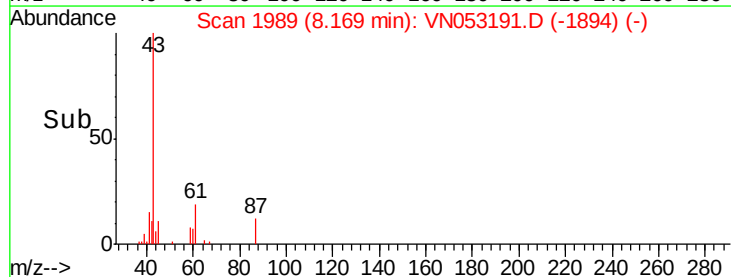
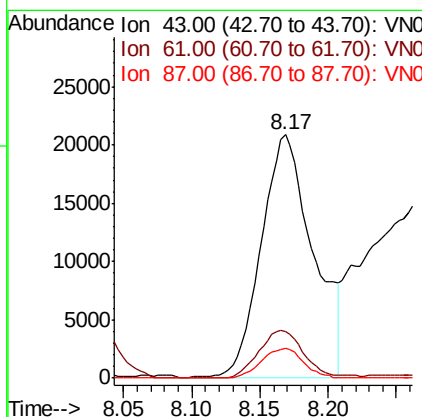
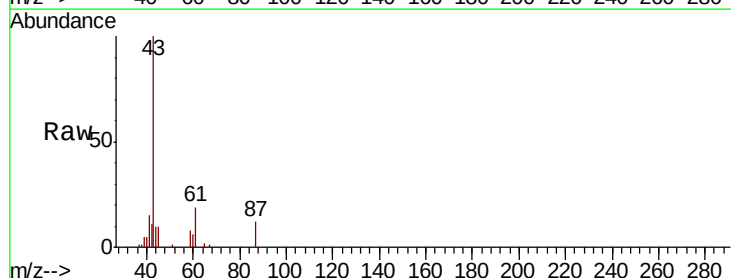
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-61(0-5)-GRAB

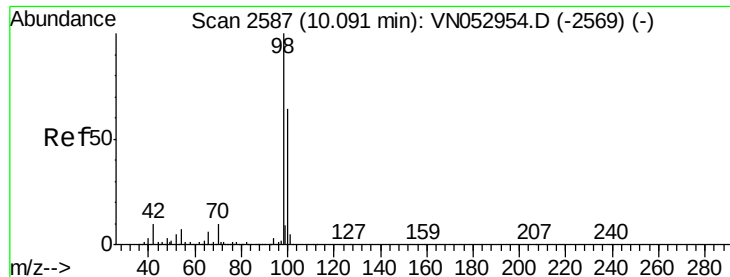
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.0	124.4
192	22.7	17.5	26.3



#43
 Isopropyl Acetate
 Concen: 1.622 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN053191.D
 Acq: 24 Dec 2018 17:53

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.1	22.9	34.3#
87	9.9	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: VN053191.D

Acq: 24 Dec 2018 17:53

Instrument :

MSVOA_N

ClientSampleId :

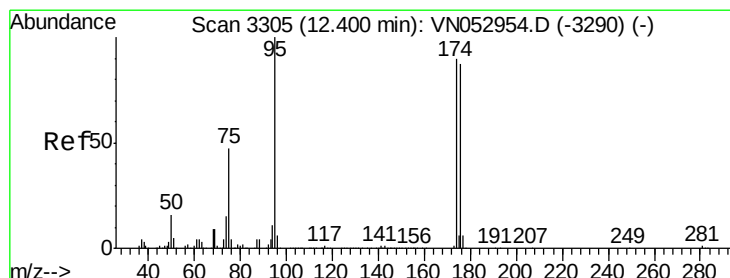
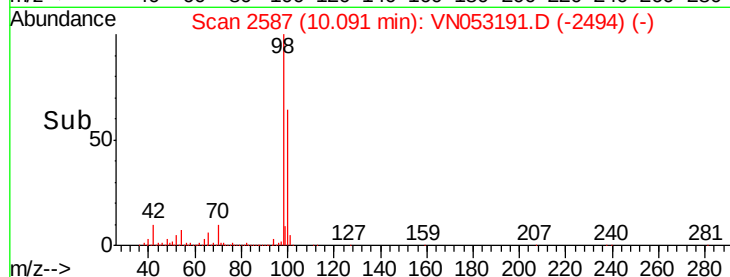
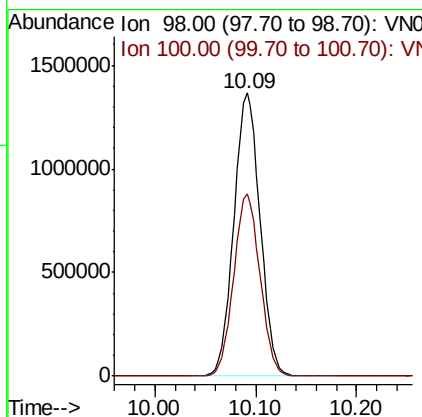
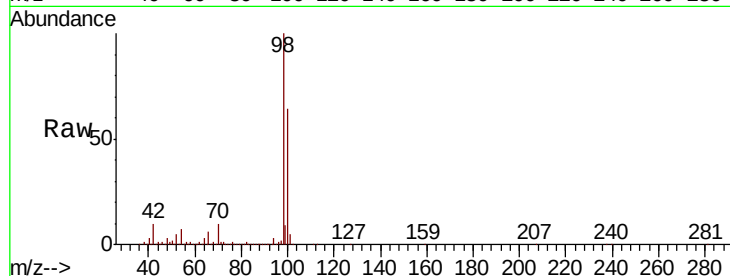
SB-61(0-5)-GRAB

Tot Ion: 98 Resp: 2469122

Ion Ratio Lower Upper

98 100

100 64.5 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: VN053191.D

Acq: 24 Dec 2018 17:53

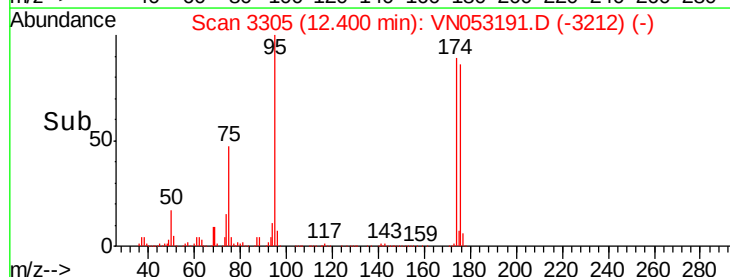
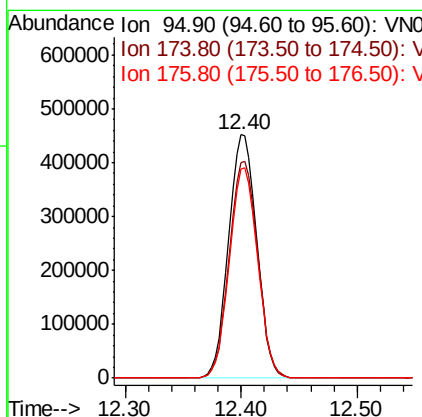
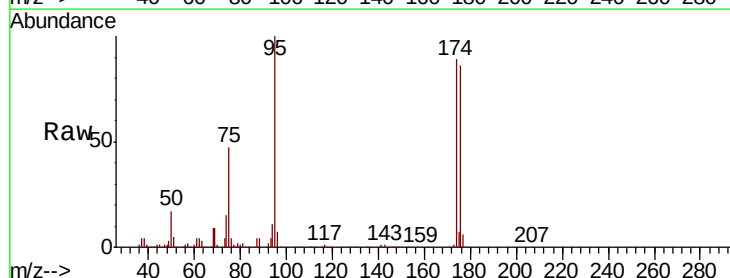
Tgt Ion: 95 Resp: 756872

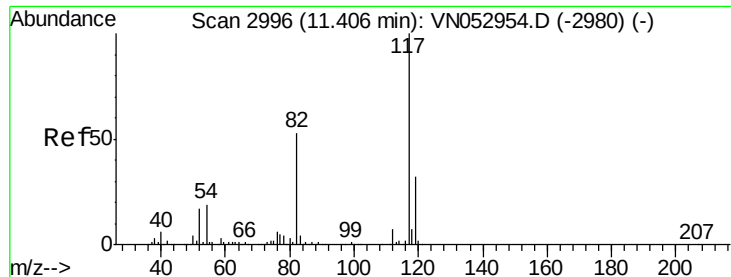
Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.8

176 86.2 0.0 173.8

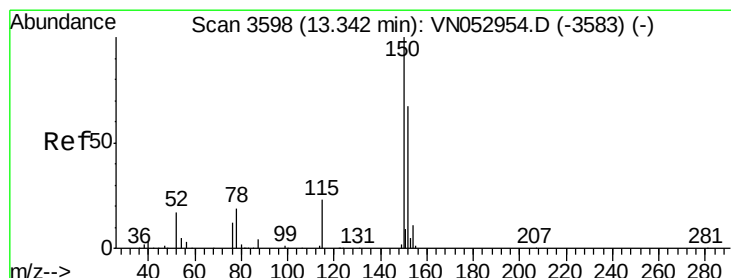
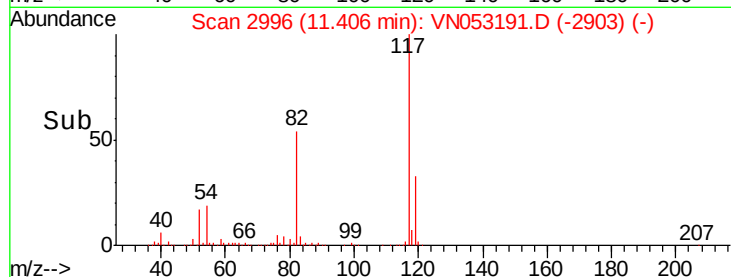
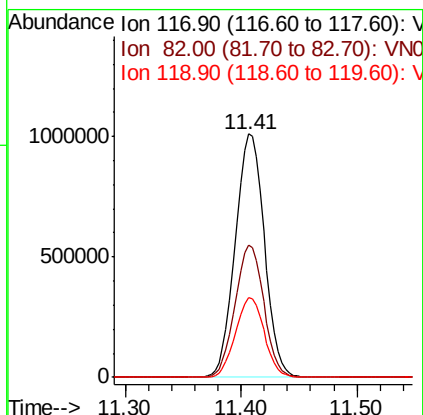
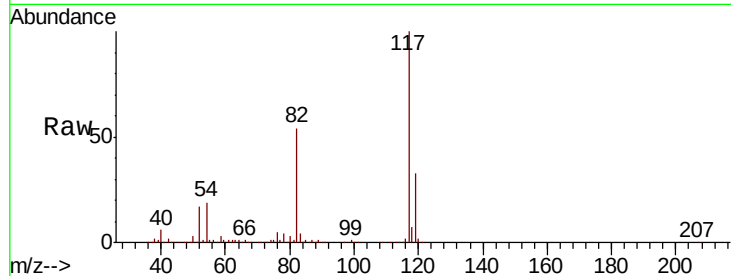




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053191.D
Acq: 24 Dec 2018 17:53

Instrument :
MSVOA_N
ClientSampled :
SB-61(0-5)-GRAB

Tot Ion:117 Resp: 1759697
Ion Ratio Lower Upper
117 100
82 54.5 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: VN053191.D
Acq: 24 Dec 2018 17:53

Tgt Ion:152 Resp: 627221
Ion Ratio Lower Upper
152 100
115 56.4 28.3 85.0
150 156.4 0.0 347.8

