

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053187.D
 Acq On : 24 Dec 2018 16:06
 Operator : MD\SY
 Sample : J6511-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-57(0-5)-GRAB

Quant Time: Dec 25 00:26:09 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

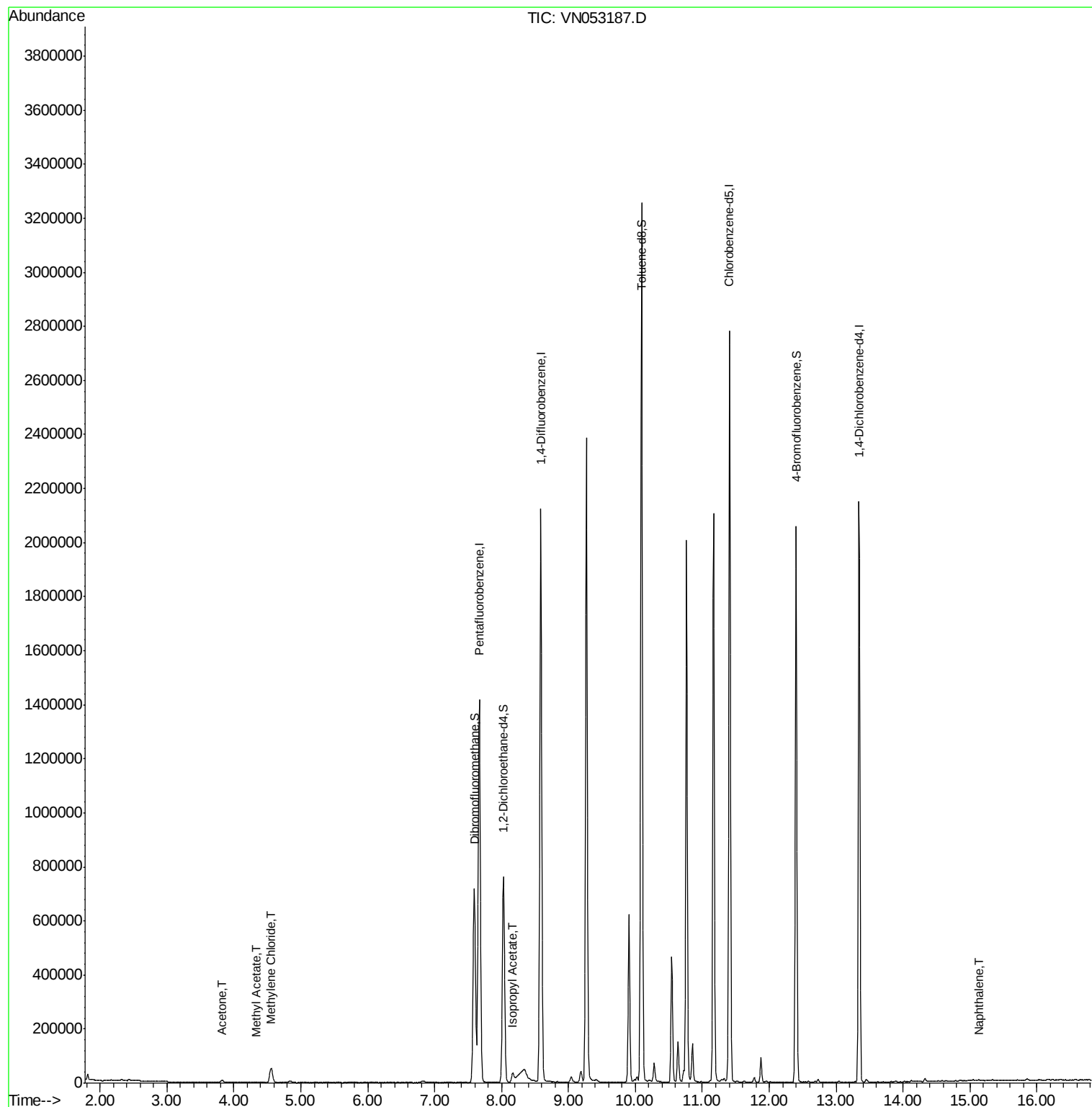
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1256859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1962889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1667665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	619173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	637492	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	7.59	113	550549	61.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.80%	
50) Toluene-d8	10.09	98	2346805	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.40	95	721247	42.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.36%	
Target Compounds						
16) Acetone	3.82	43	18147	7.256	ug/l	99
18) Methyl Acetate	4.33	43	5330	1.452	ug/l #	75
20) Methylene Chloride	4.55	84	42735	3.133	ug/l	94
43) Isopropyl Acetate	8.17	43	47180	1.301	ug/l #	87
95) Naphthalene	15.14	128	3162	1.274	ug/l #	86

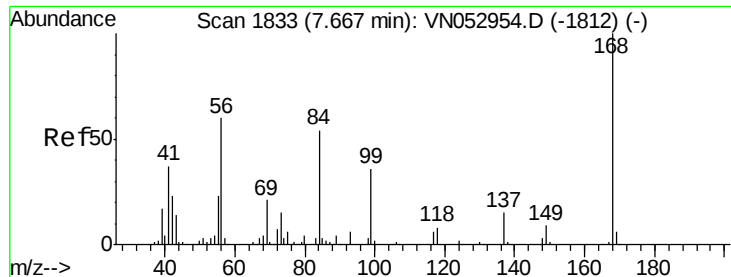
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053187.D

Acq: 24 Dec 2018 16:06

Instrument :

MSVOA_N

ClientSampleId :

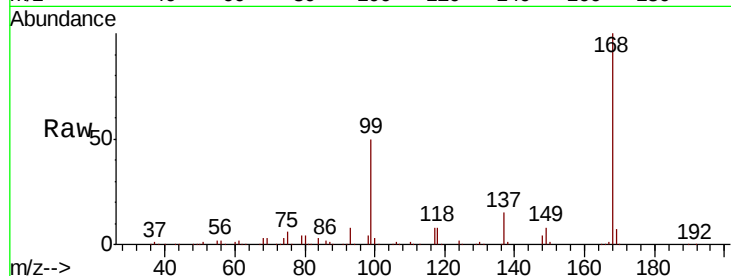
SB-57(0-5)-GRAB

Tot Ion:168 Resp: 1256859

Ion Ratio Lower Upper

168 100

99 50.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053187.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053187.D (-1740) (-)

7.67

600000

500000

400000

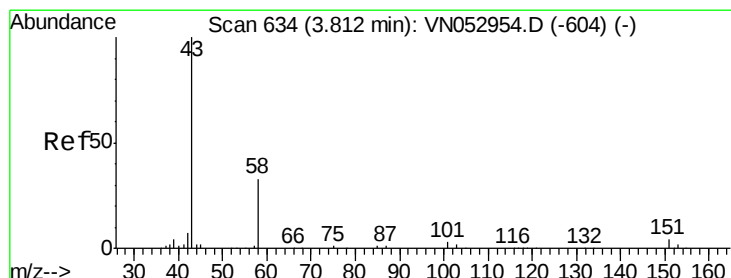
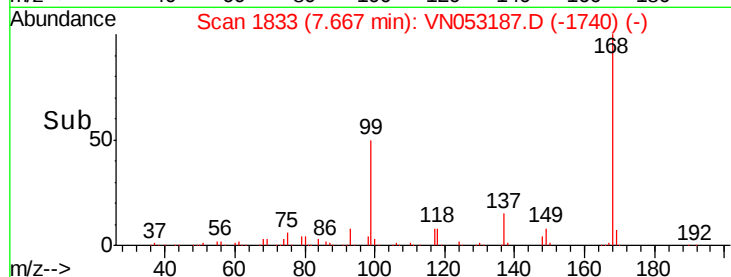
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.256 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053187.D

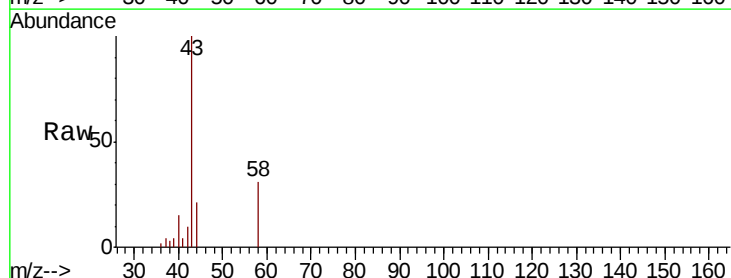
Acq: 24 Dec 2018 16:06

Tgt Ion: 43 Resp: 18147

Ion Ratio Lower Upper

43 100

58 31.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053187.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053187.D (-541) (-)

3.82

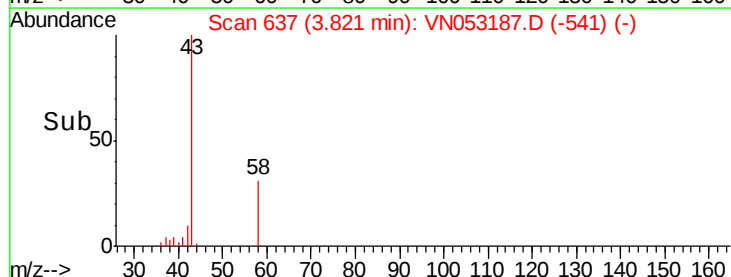
6000

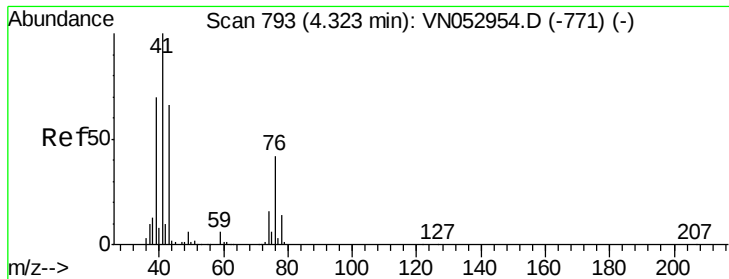
4000

2000

0

Time-->

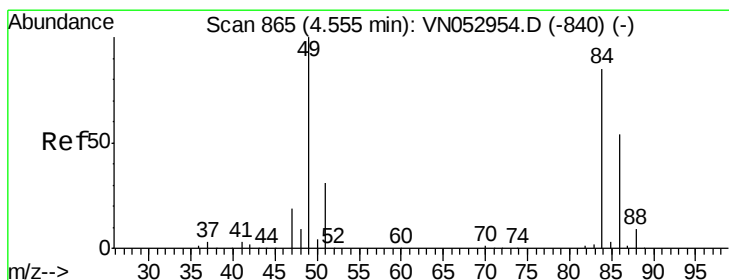
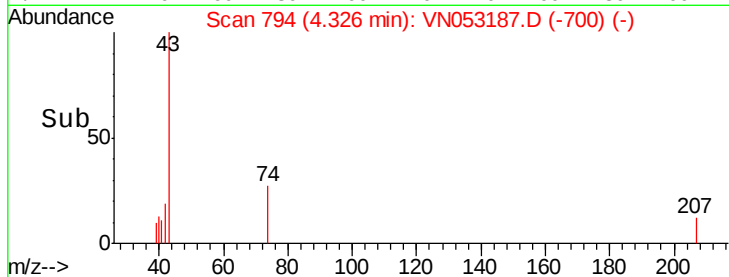
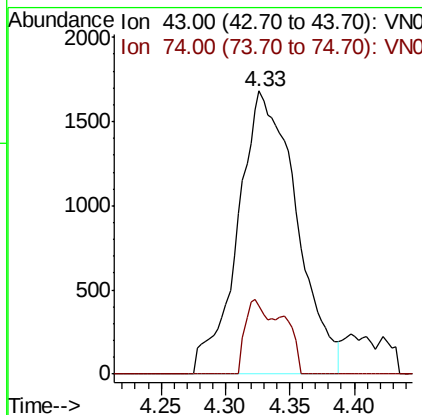
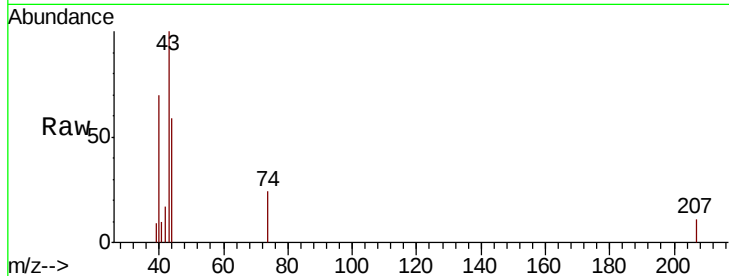




#18
Methyl Acetate
Concen: 1.452 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053187.D
Acq: 24 Dec 2018 16:06

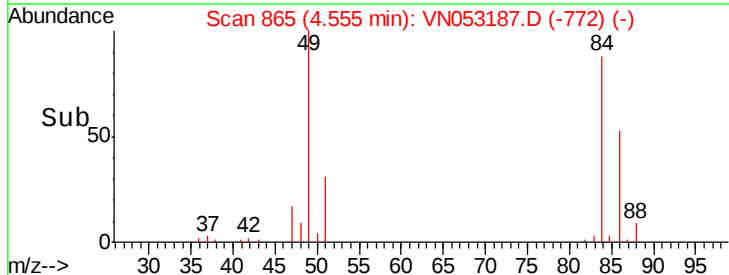
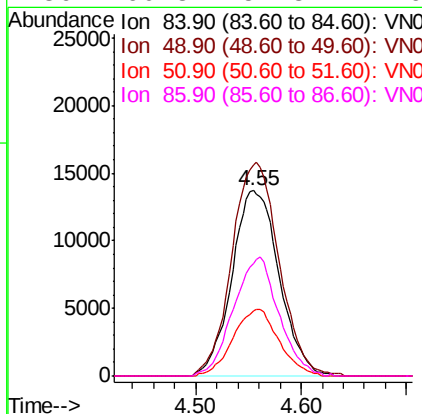
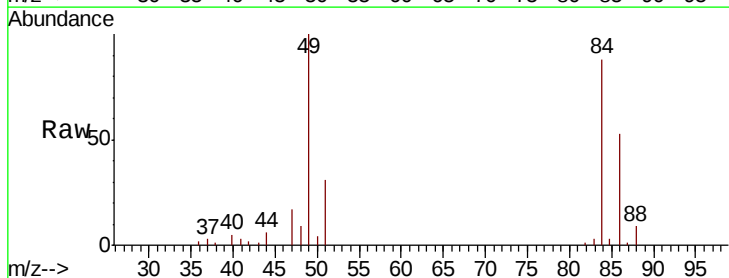
Instrument :
MSVOA_N
ClientSampleId :
SB-57(0-5)-GRAB

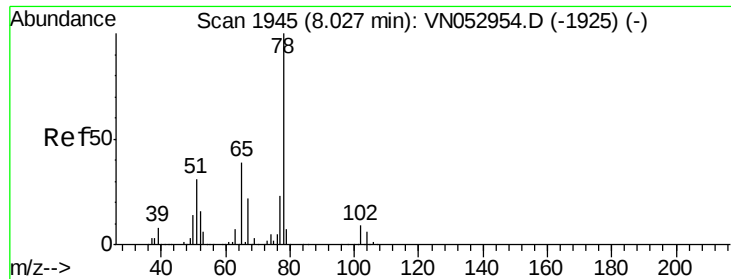
Tot Ion: 43 Resp: 5330
Ion Ratio Lower Upper
43 100
74 11.4 19.2 28.8#



#20
Methylene Chloride
Concen: 3.133 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053187.D
Acq: 24 Dec 2018 16:06

Tgt Ion: 84 Resp: 42735
Ion Ratio Lower Upper
84 100
49 114.0 96.8 145.2
51 34.9 29.9 44.9
86 60.8 51.8 77.6

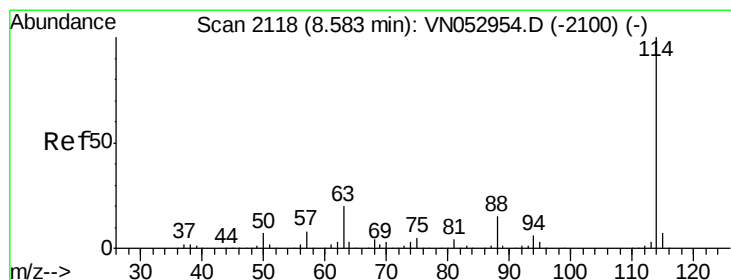
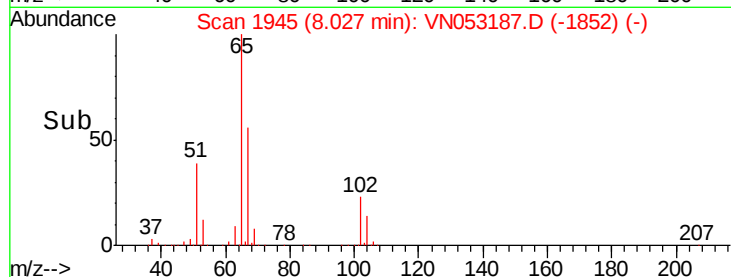
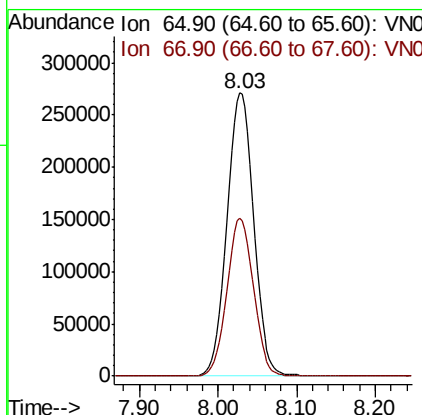
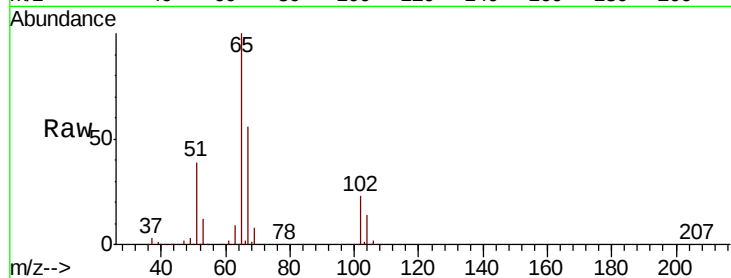




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053187.D
 Acq: 24 Dec 2018 16:06

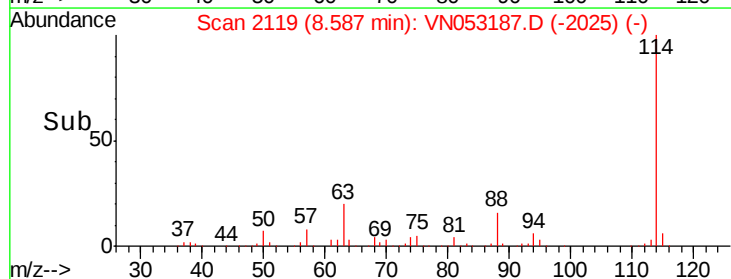
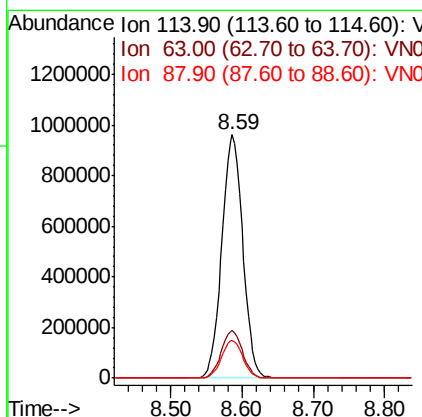
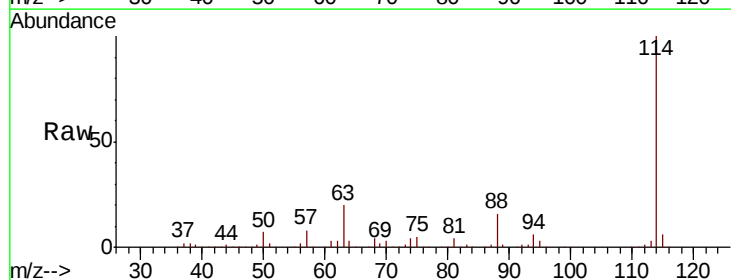
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-57(0-5)-GRAB

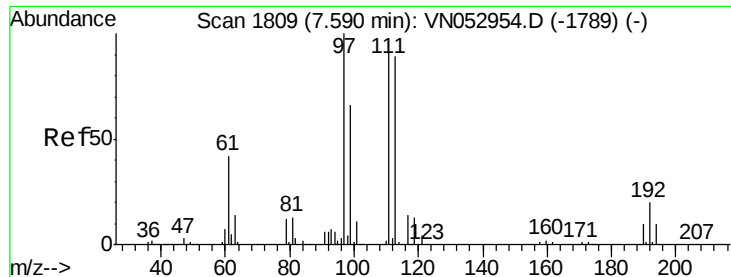
Tot Ion: 65 Resp: 637492
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053187.D
 Acq: 24 Dec 2018 16:06

Tgt Ion: 114 Resp: 1962889
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.5 0.0 31.0

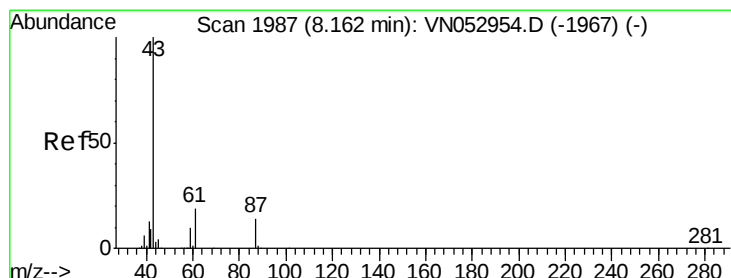
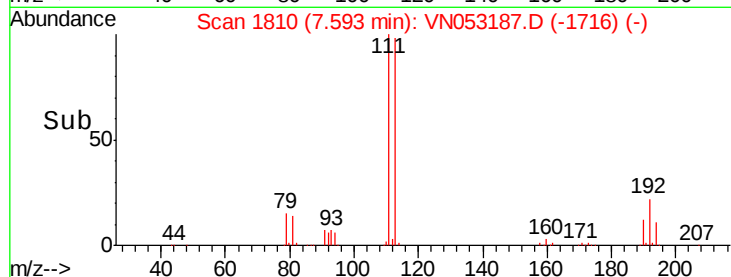
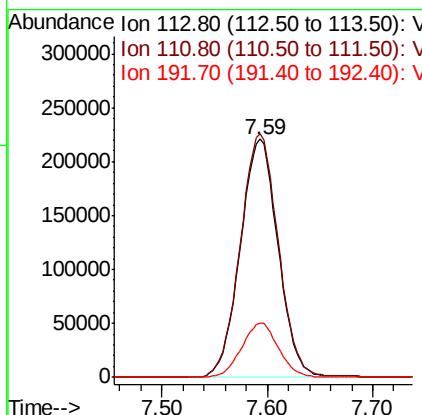
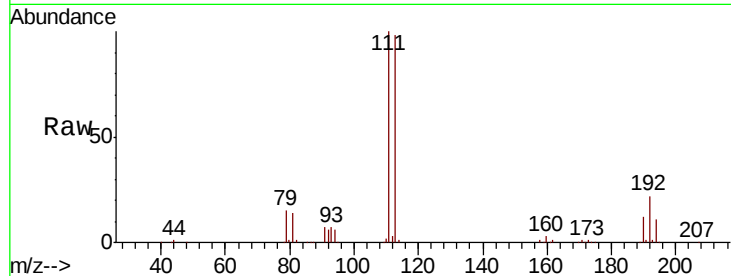




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053187.D
 Acq: 24 Dec 2018 16:06

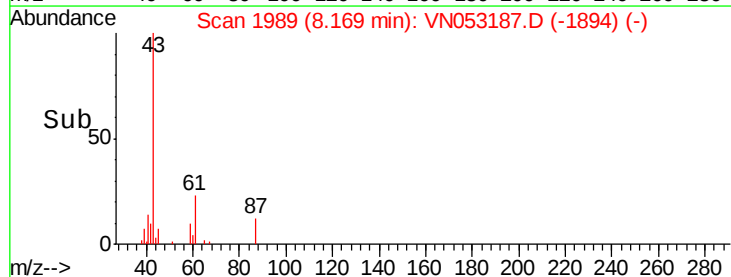
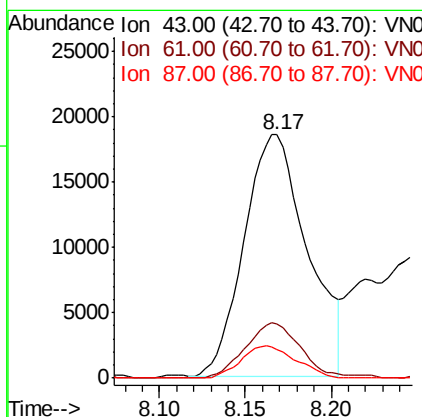
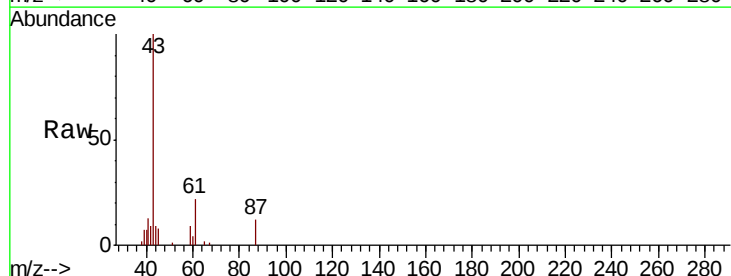
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-57(0-5)-GRAB

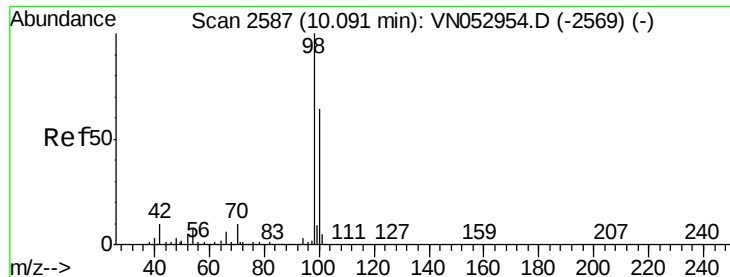
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.0	124.4
192	22.4	17.5	26.3



#43
 Isopropyl Acetate
 Concen: 1.301 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN053187.D
 Acq: 24 Dec 2018 16:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.8	22.9	34.3#
87	11.5	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: VN053187.D

Acq: 24 Dec 2018 16:06

Instrument :

MSVOA_N

ClientSampleId :

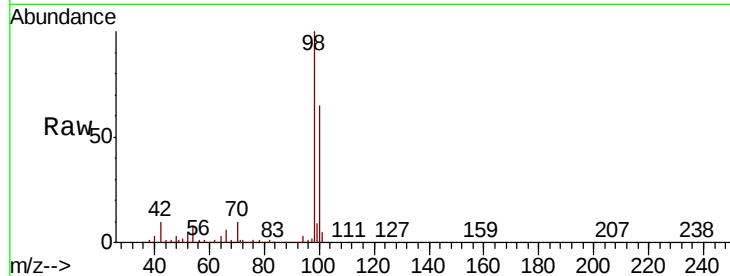
SB-57(0-5)-GRAB

Tot Ion: 98 Resp: 2346805

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053187.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053187.D (-2494) (-)

10.09

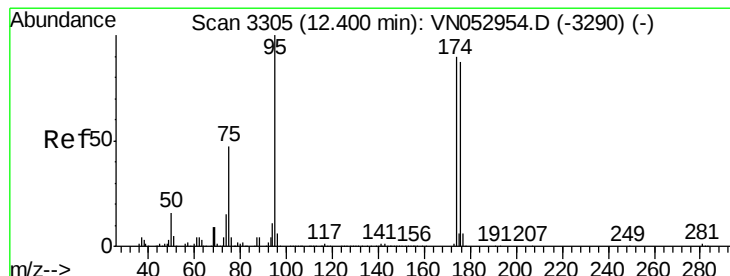
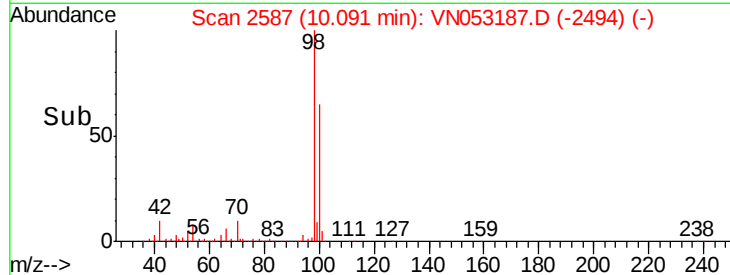
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053187.D

Acq: 24 Dec 2018 16:06

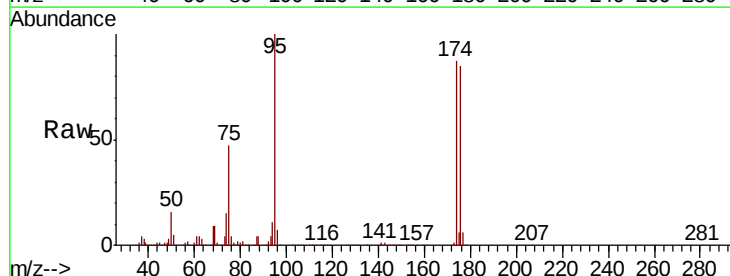
Tgt Ion: 95 Resp: 721247

Ion Ratio Lower Upper

95 100

174 87.5 0.0 178.8

176 86.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053187.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053187.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053187.D (-3212) (-)

12.40

600000

500000

400000

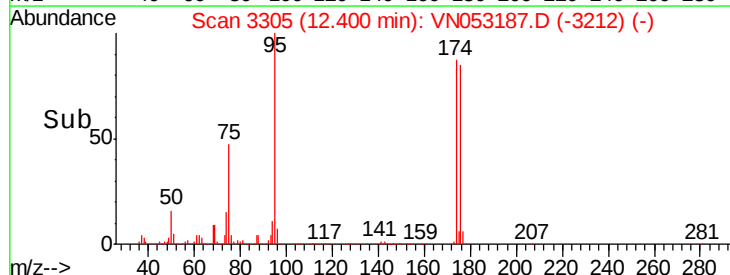
300000

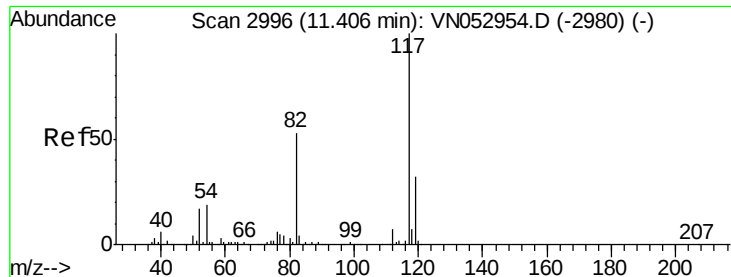
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100000

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Time-->

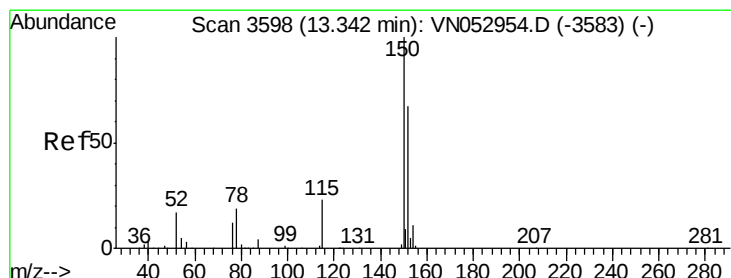
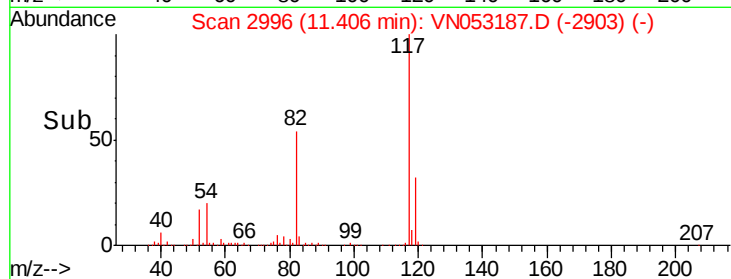
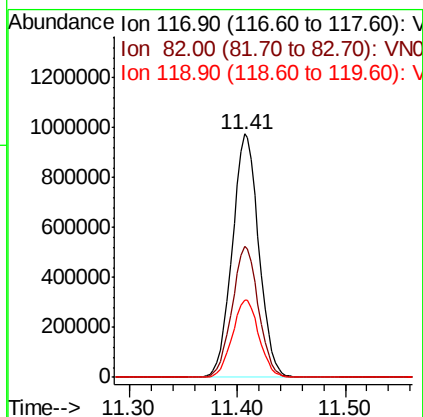
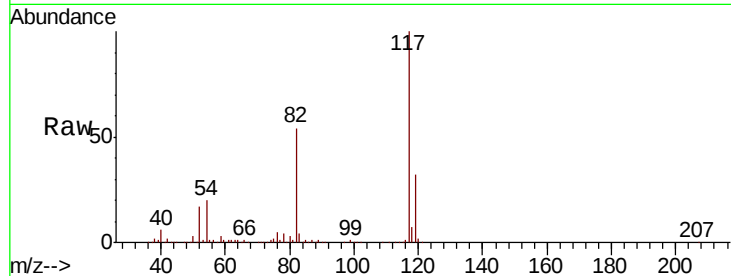




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053187.D
Acq: 24 Dec 2018 16:06

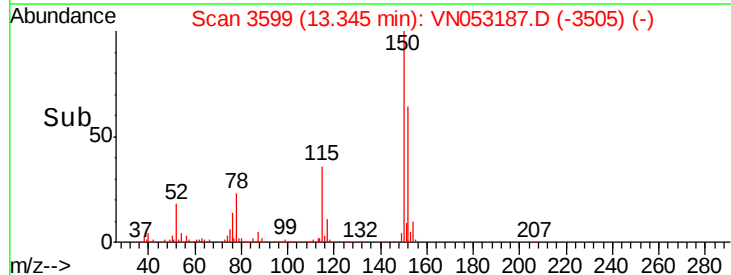
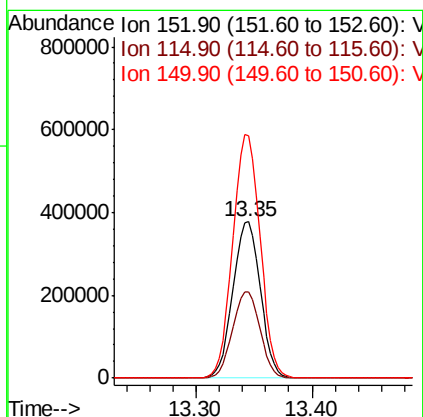
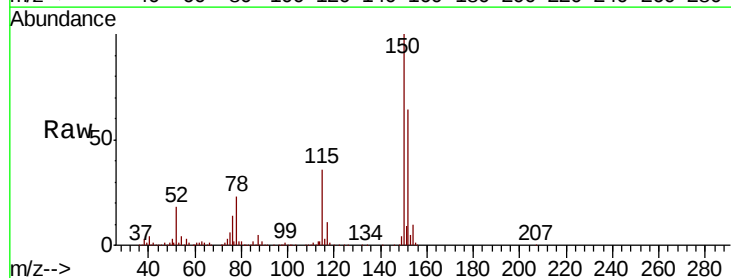
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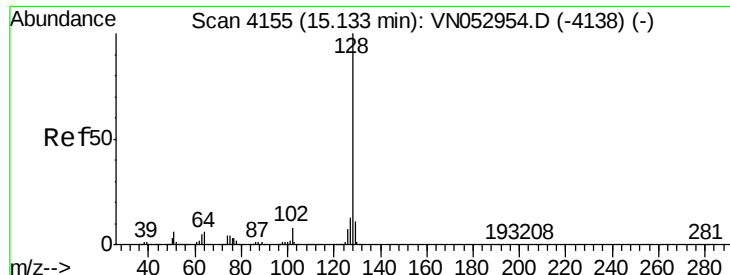
Tot Ion:117 Resp: 1667665
Ion Ratio Lower Upper
117 100
82 53.6 42.8 64.2
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053187.D
Acq: 24 Dec 2018 16:06

Tgt Ion:152 Resp: 619173
Ion Ratio Lower Upper
152 100
115 55.1 28.3 85.0
150 155.4 0.0 347.8





#95
Naphthalene
Concen: 1.274 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053187.D
Acq: 24 Dec 2018 16:06

Instrument :
MSVOA_N
ClientSampleId :
SB-57(0-5)-GRAB

Tot Ion	Ratio	Lower	Upper
128	100		
127	8.9	10.2	15.4#
129	3.9	8.6	13.0#

