

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049954.D
 Acq On : 20 Jul 2018 8:25
 Operator : MD\SY
 Sample : J4016-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB5-L-12-7

Quant Time: Jul 20 09:05:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

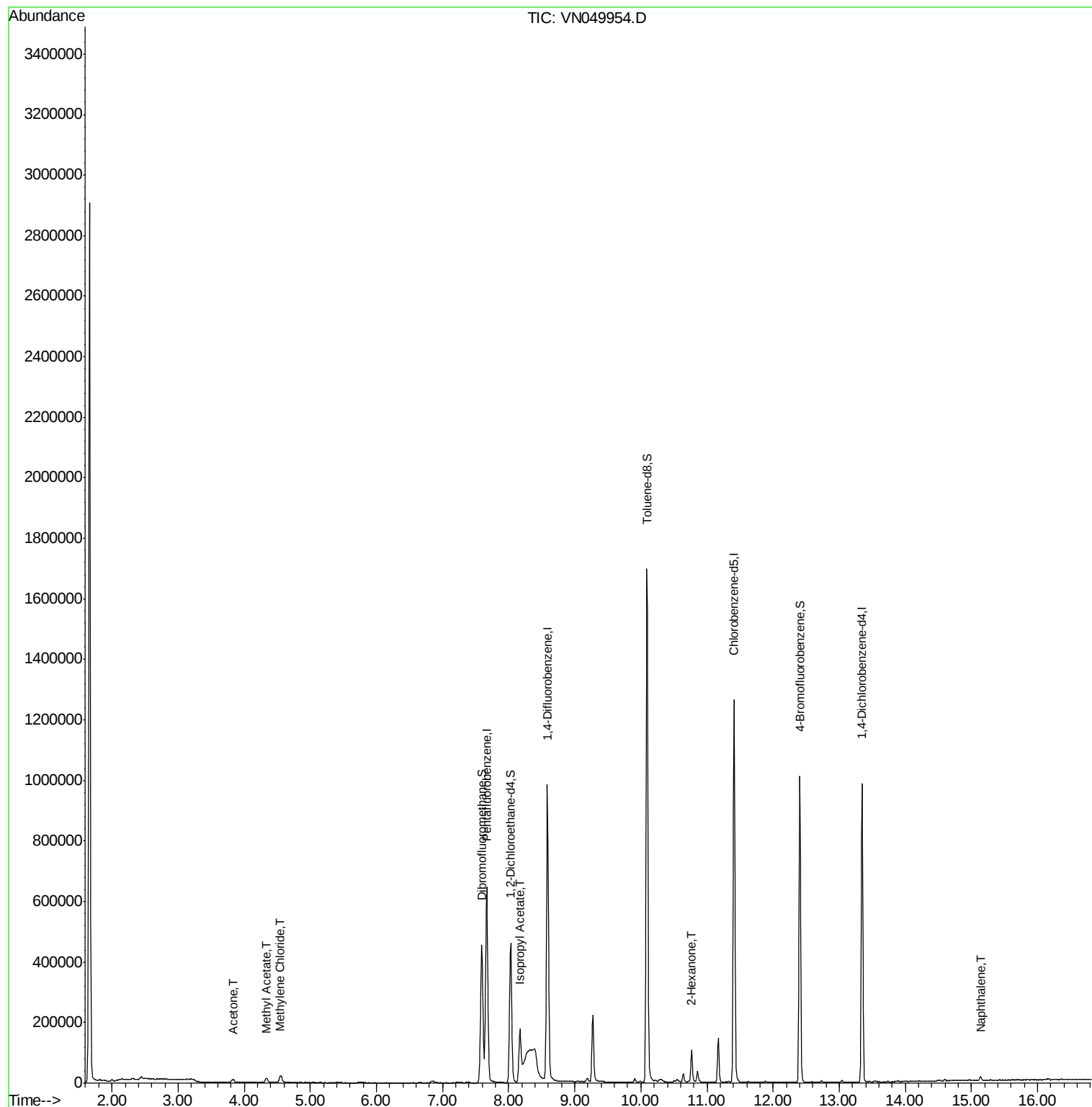
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	532636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	906341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	764029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	394516	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
35) Dibromofluoromethane	7.59	113	347255	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
50) Toluene-d8	10.09	98	1221525	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
62) 4-Bromofluorobenzene	12.40	95	329907	34.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.10%	
Target Compounds						
16) Acetone	3.82	43	20624	10.88	ug/l	90
18) Methyl Acetate	4.34	43	27836	3.91	ug/l	96
20) Methylene Chloride	4.55	84	17329	2.40	ug/l	98
43) Isopropyl Acetate	8.17	43	213800	17.68	ug/l	98
59) 2-Hexanone	10.77	43	15124	3.33	ug/l #	57
95) Naphthalene	15.14	128	10878	5.25	ug/l	97

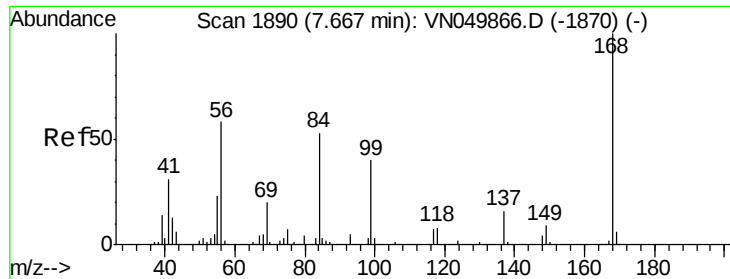
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049954.D

Acq: 20 Jul 2018 8:25

Instrument :

MSVOA_N

ClientSampled :

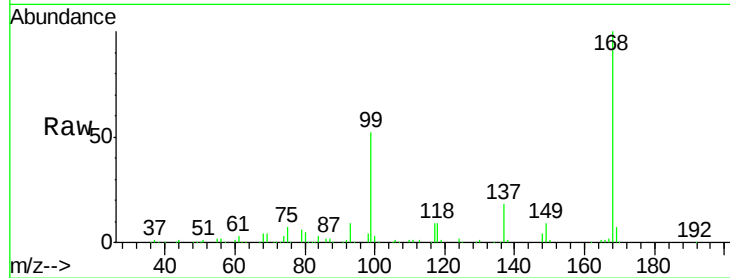
SB5-L-12-7

Tot Ion:168 Resp: 532636

Ion Ratio Lower Upper

168 100

99 52.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

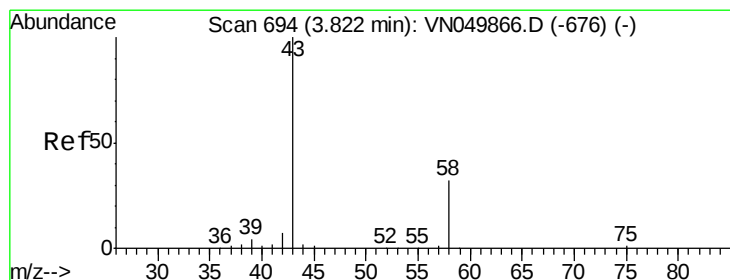
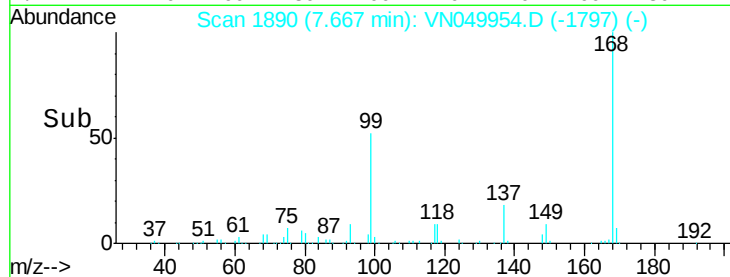
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 10.88 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049954.D

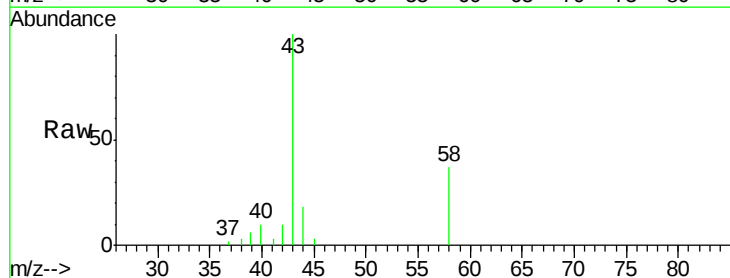
Acq: 20 Jul 2018 8:25

Tgt Ion: 43 Resp: 20624

Ion Ratio Lower Upper

43 100

58 37.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

8000

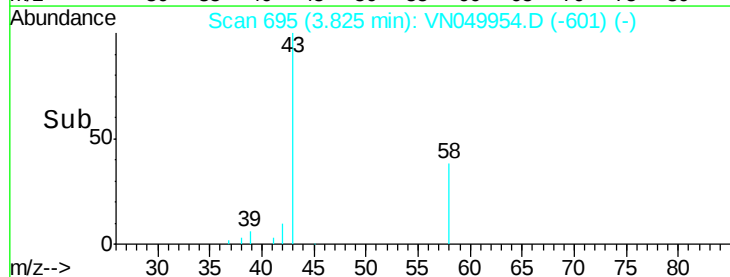
6000

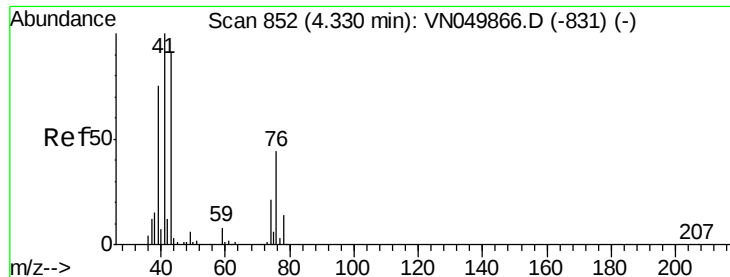
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

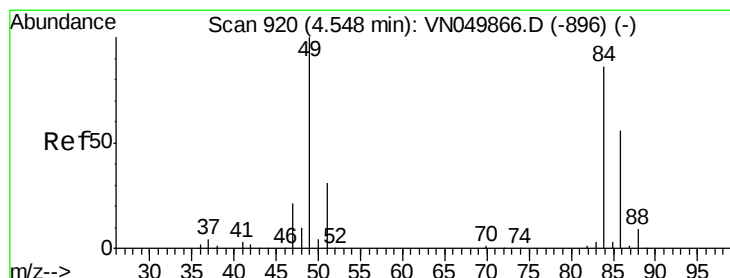
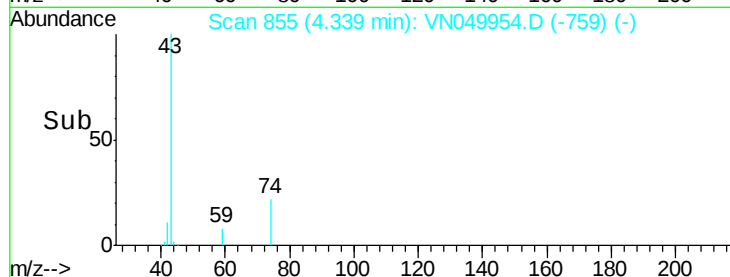
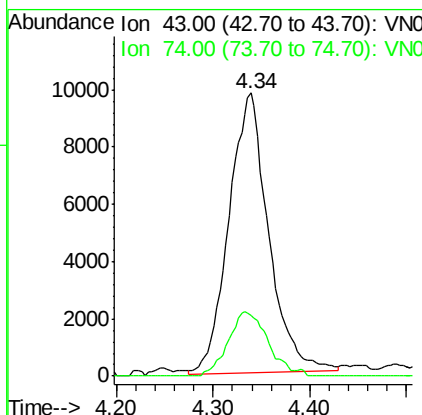
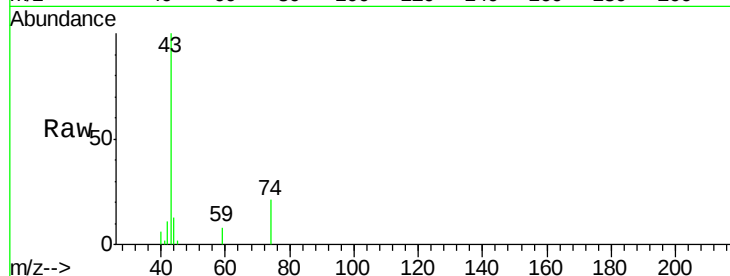




#18
Methvl Acetate
Concen: 3.91 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN049954.D
Acq: 20 Jul 2018 8:25

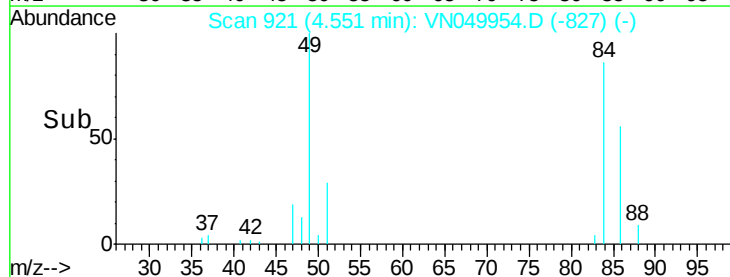
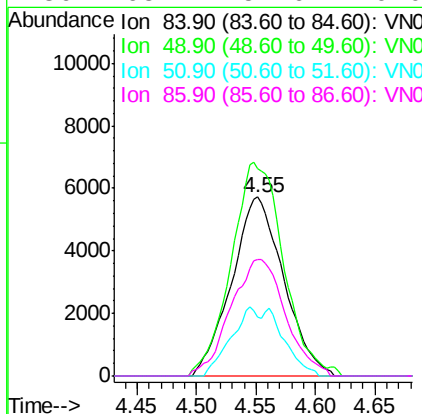
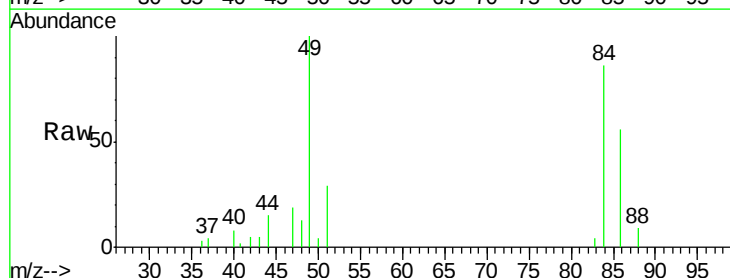
Instrument :
MSVOA_N
ClientSampled :
SB5-L-12-7

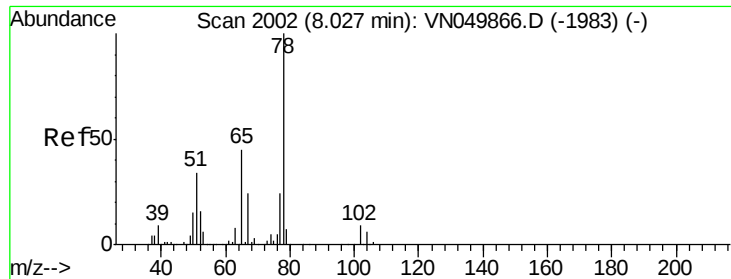
Tot Ion: 43 Resp: 27836
Ion Ratio Lower Upper
43 100
74 22.8 19.8 29.8



#20
Methylene Chloride
Concen: 2.40 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049954.D
Acq: 20 Jul 2018 8:25

Tgt Ion: 84 Resp: 17329
Ion Ratio Lower Upper
84 100
49 115.9 95.4 143.2
51 33.1 28.4 42.6
86 65.4 52.6 79.0

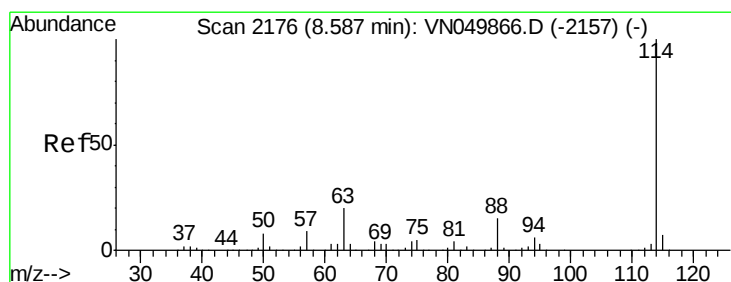
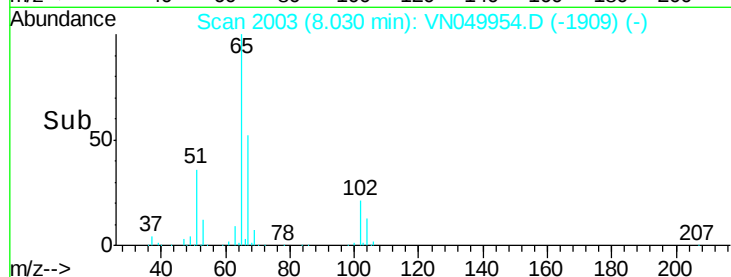
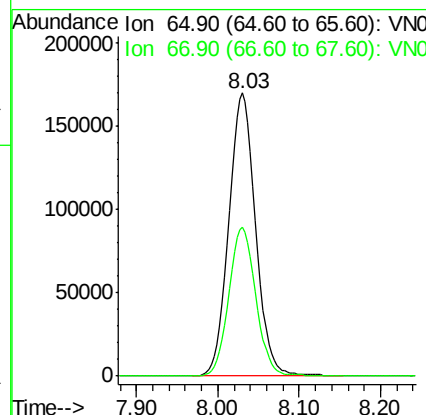
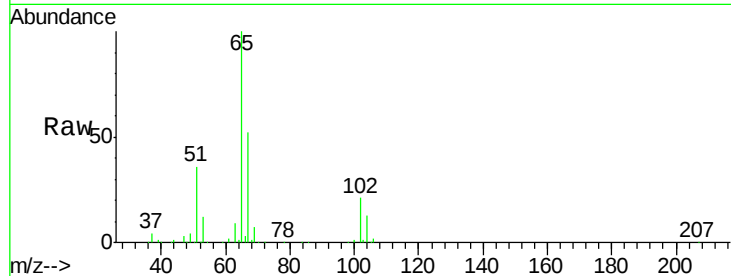




#33
 1,2-Dichloroethane-d4
 Concen: 53.89 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049954.D
 Acq: 20 Jul 2018 8:25

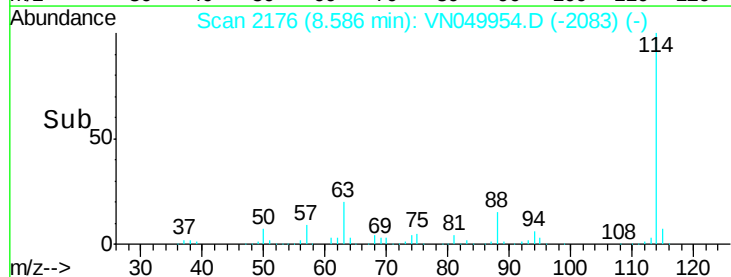
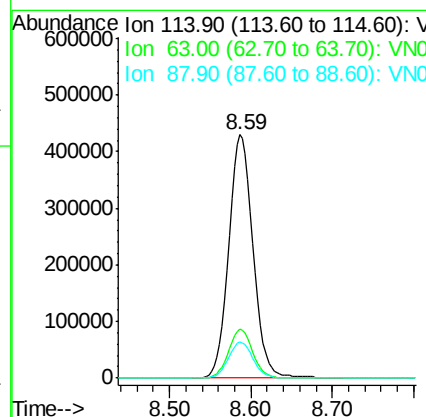
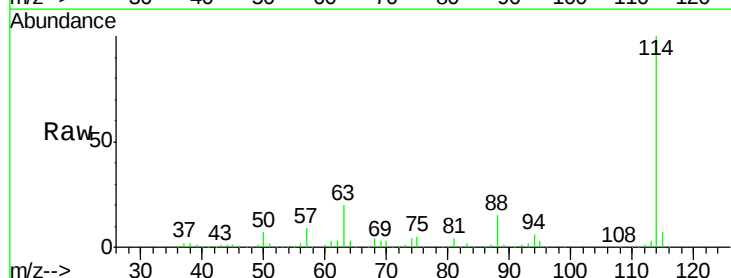
Instrument :
 MSVOA_N
 ClientSampleId :
 SB5-L-12-7

Tot Ion: 65 Resp: 394516
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049954.D
 Acq: 20 Jul 2018 8:25

Tgt Ion: 114 Resp: 906341
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 14.7 0.0 30.6

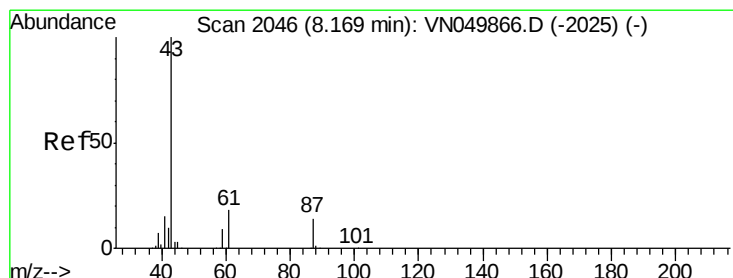
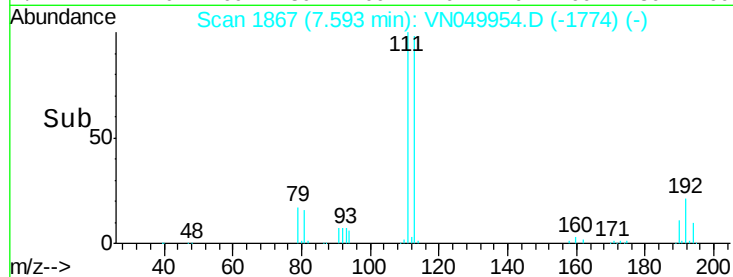
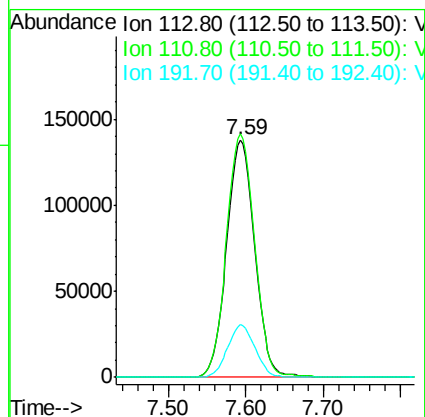
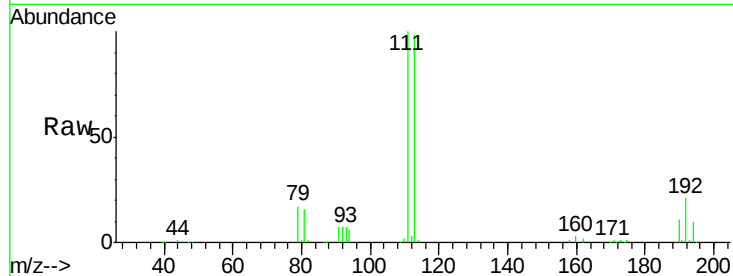




#35
 Dibromofluoromethane
 Concen: 45.64 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049954.D
 Acq: 20 Jul 2018 8:25

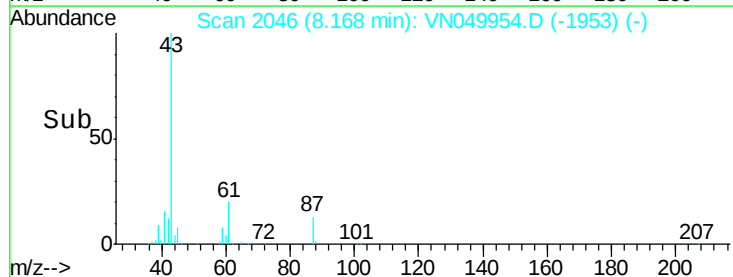
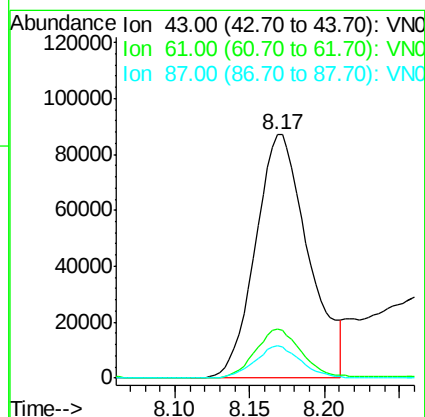
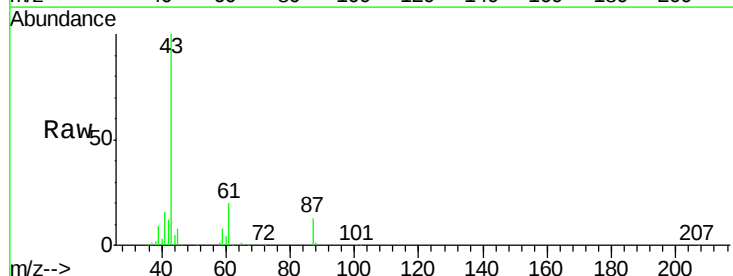
Instrument :
 MSVOA_N
 ClientSampleId :
 SB5-L-12-7

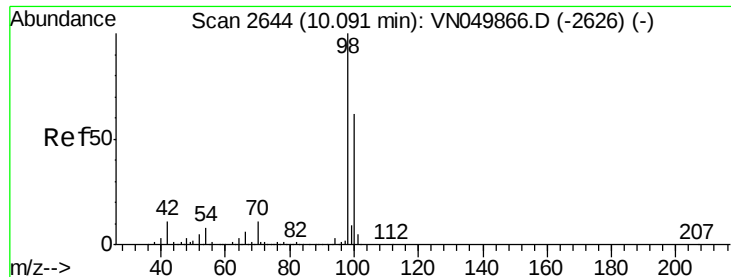
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	21.9	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 17.68 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: VN049954.D
 Acq: 20 Jul 2018 8:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.9	22.3
87	11.5	10.0	15.0

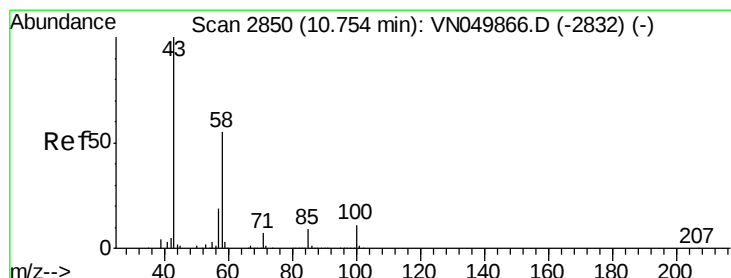
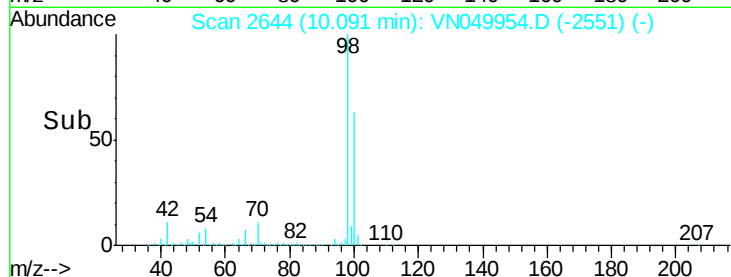
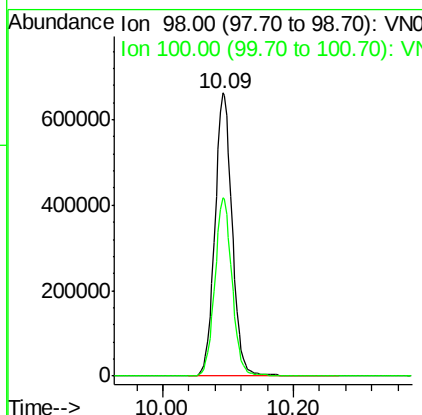
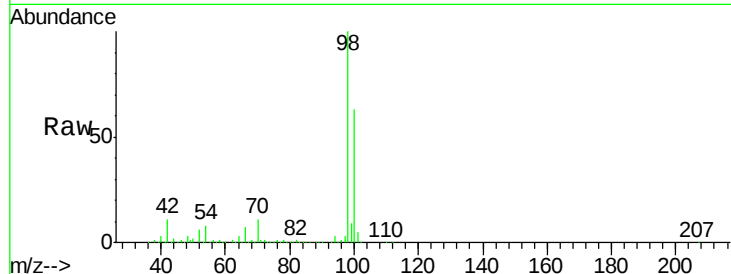




#50
Toluene-d8
Concen: 44.06 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049954.D
Acq: 20 Jul 2018 8:25

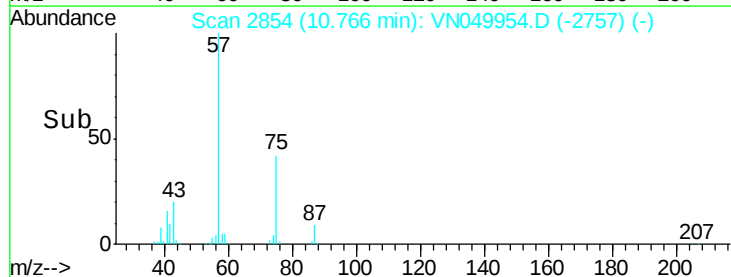
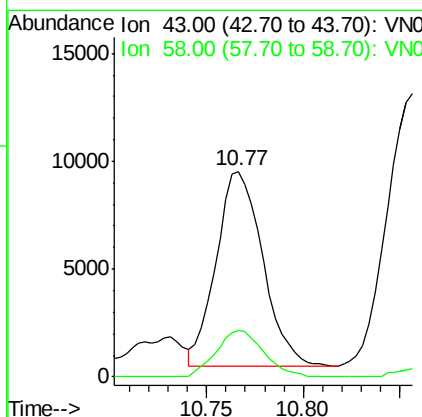
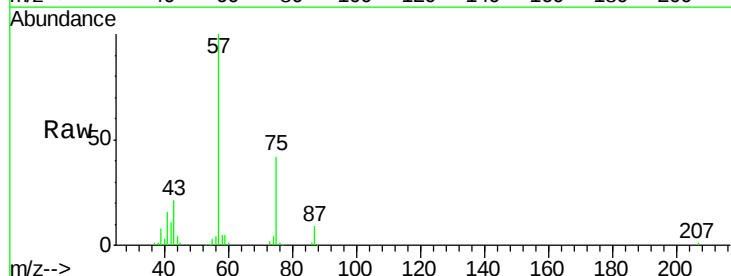
Instrument :
MSVOA_N
ClientSampled :
SB5-L-12-7

Tot Ion: 98 Resp: 1221525
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5



#59
2-Hexanone
Concen: 3.33 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049954.D
Acq: 20 Jul 2018 8:25

Tgt Ion: 43 Resp: 15124
Ion Ratio Lower Upper
43 100
58 24.3 27.8 83.4#

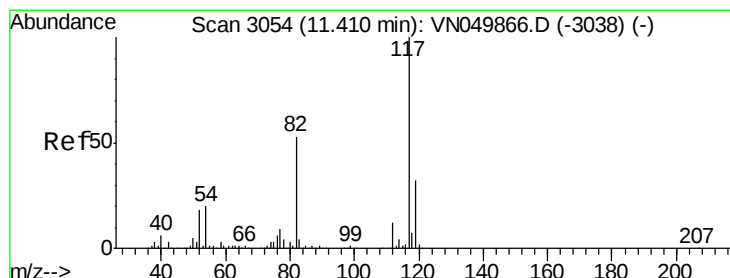
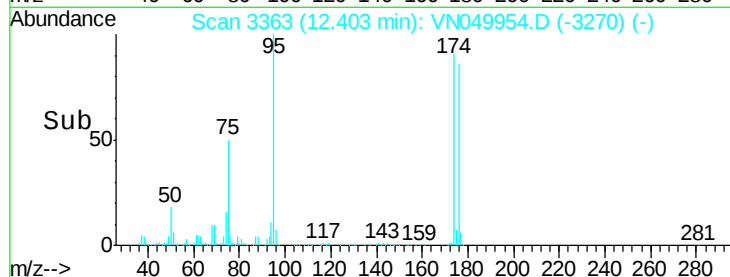
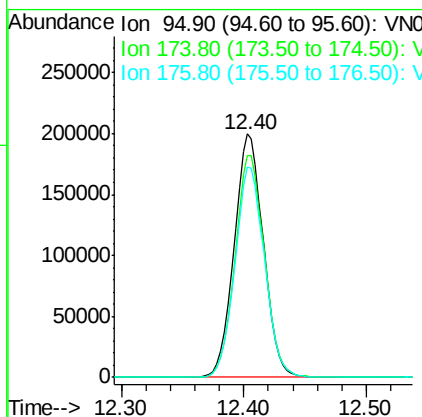
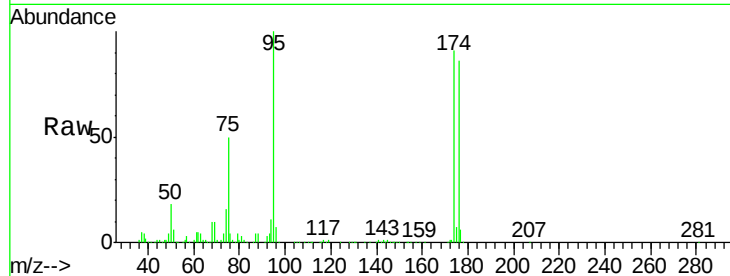




#62
4-Bromofluorobenzene
Concen: 34.55 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049954.D
Acq: 20 Jul 2018 8:25

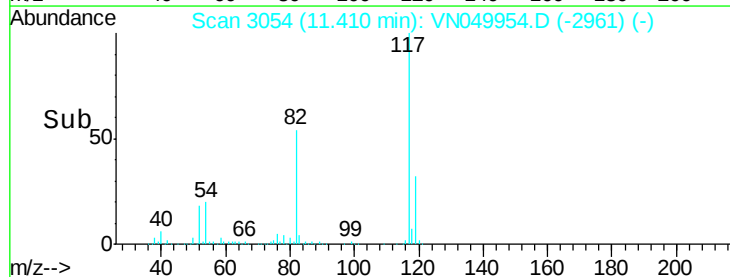
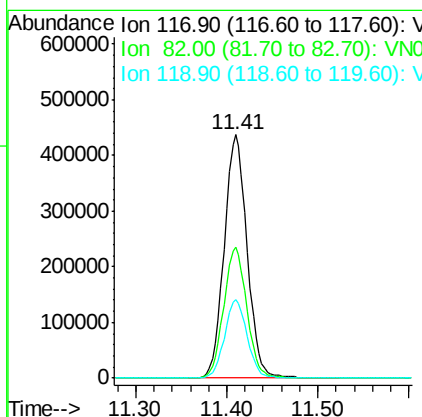
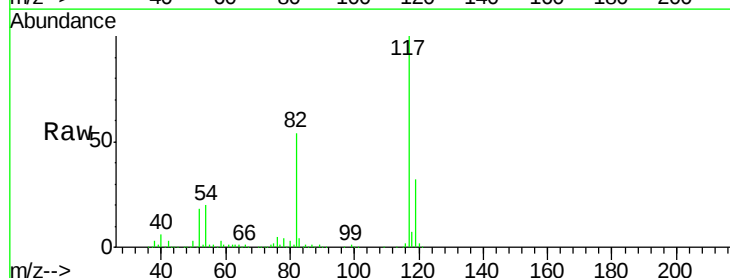
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MSVOA_N
ClientSampled :
SB5-L-12-7

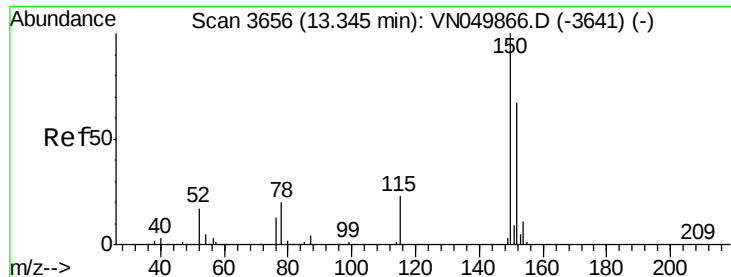
Tot Ion: 95 Resp: 329907
Ion Ratio Lower Upper
95 100
174 91.9 0.0 179.6
176 87.4 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049954.D
Acq: 20 Jul 2018 8:25

Tgt Ion: 117 Resp: 764029
Ion Ratio Lower Upper
117 100
82 53.6 41.9 62.9
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049954.D

Acq: 20 Jul 2018 8:25

Instrument :

MSVOA_N

ClientSampleId :

SB5-L-12-7

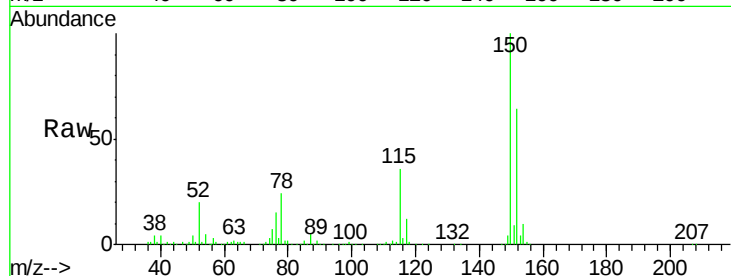
Tot Ion:152 Resp: 276280

Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.2

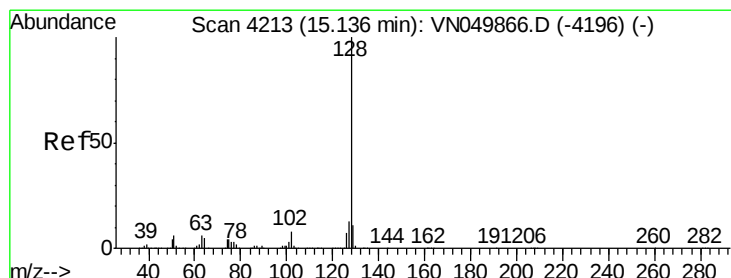
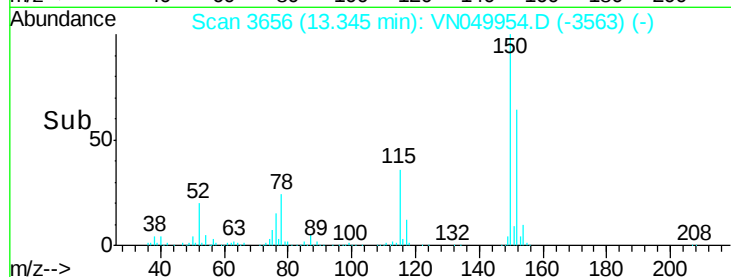
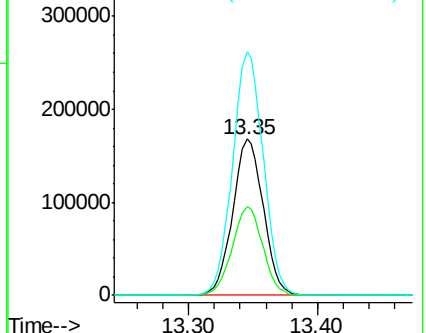
150 156.9 0.0 347.6



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



#95

Naphthalene

Concen: 5.25 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049954.D

Acq: 20 Jul 2018 8:25

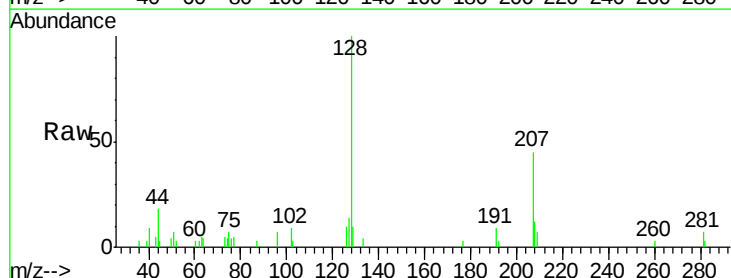
Tgt Ion:128 Resp: 10878

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 9.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

