

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050227.D
 Acq On : 31 Jul 2018 20:15
 Operator : MD\SY
 Sample : J3823-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-073018-A

Quant Time: Aug 01 04:46:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	635840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1056036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	890914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	349678	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	447343	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
35) Dibromofluoromethane	7.59	113	405424	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
50) Toluene-d8	10.09	98	1429928	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	
62) 4-Bromofluorobenzene	12.40	95	401348	38.45	ug/l	0.00
Spiked Amount			Recovery	=	76.90%	

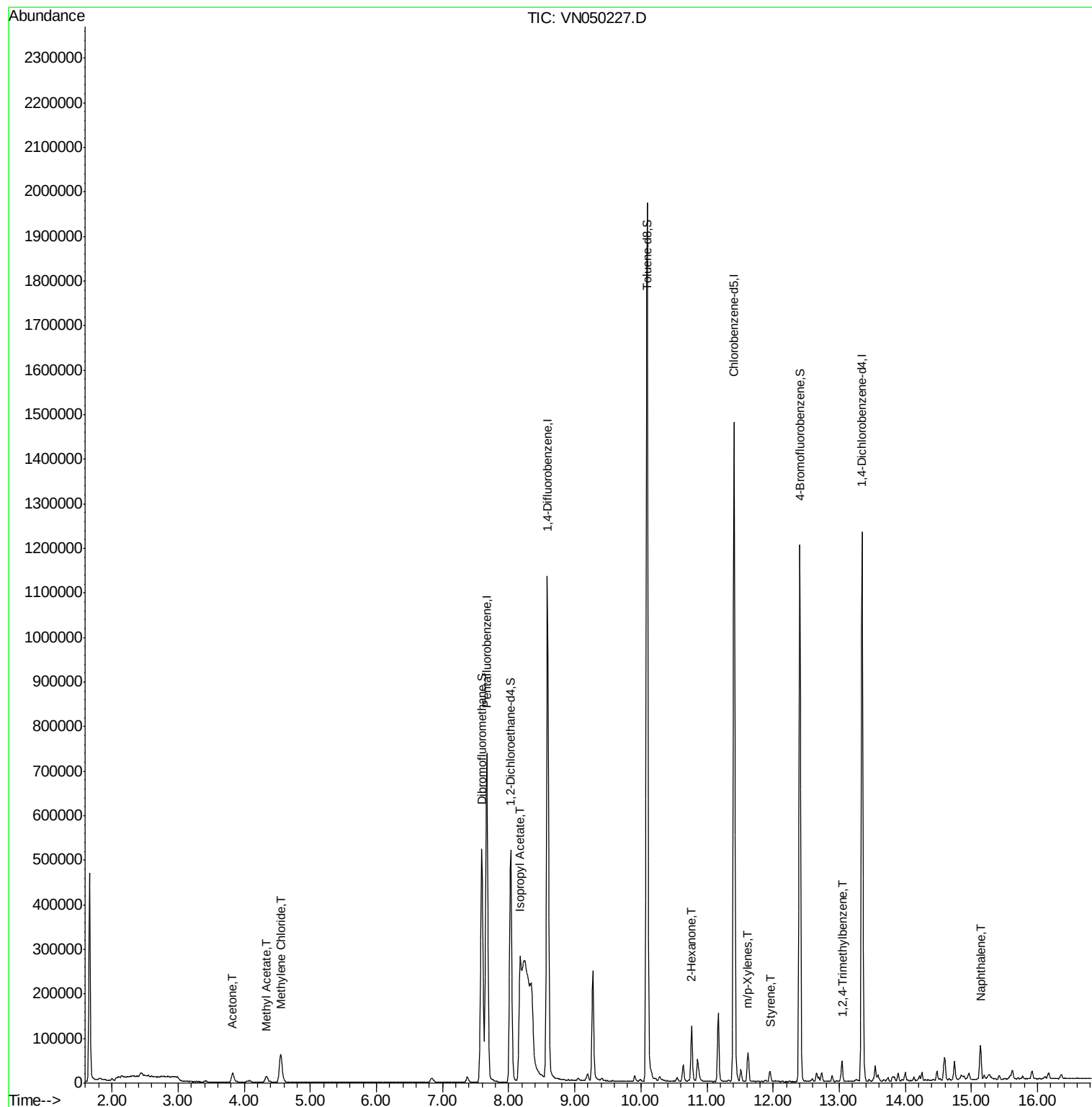
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	37263	13.728	ug/l	96
18) Methyl Acetate	4.33	43	25690	1.583	ug/l	99
20) Methylene Chloride	4.55	84	48656	5.058	ug/l	98
43) Isopropyl Acetate	8.17	43	385419	24.065	ug/l #	86
59) 2-Hexanone	10.77	43	17238	7.991	ug/l #	59
68) m/p-Xylenes	11.62	106	19885	1.454	ug/l	94
70) Styrene	11.97	104	2763	1.040	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.04	105	25391	1.181	ug/l	98
95) Naphthalene	15.14	128	67936	8.294	ug/l	99

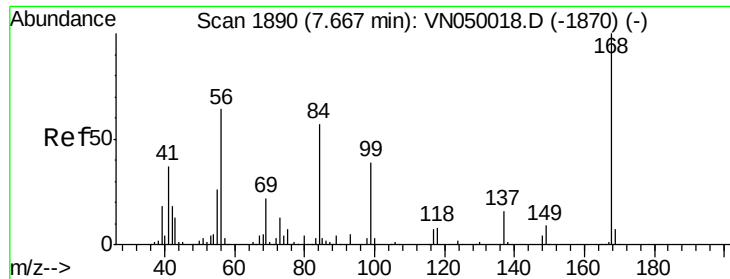
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073118\
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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

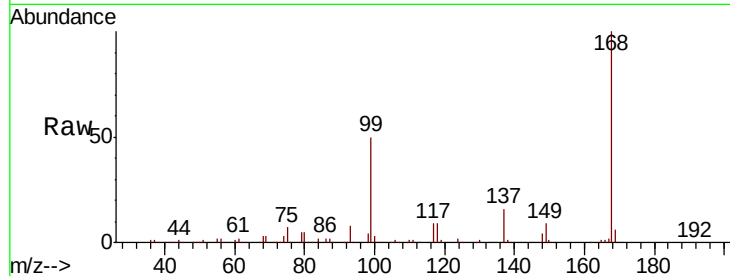
NB-08-073018-A

Tot Ion:168 Resp: 635840

Ion Ratio Lower Upper

168 100

99 50.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

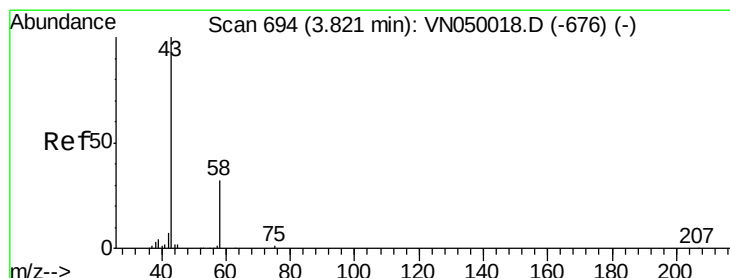
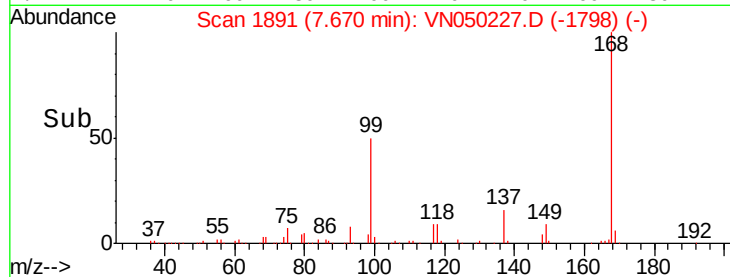
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.728 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050227.D

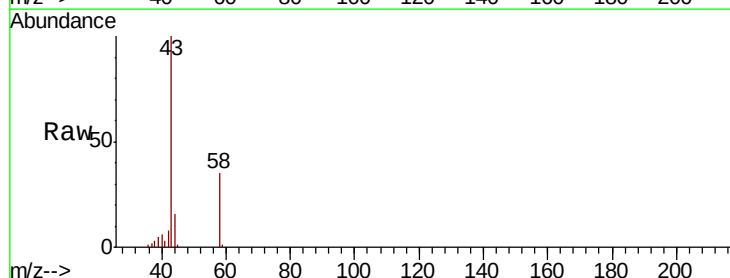
Acq: 31 Jul 2018 20:15

Tgt Ion: 43 Resp: 37263

Ion Ratio Lower Upper

43 100

58 34.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

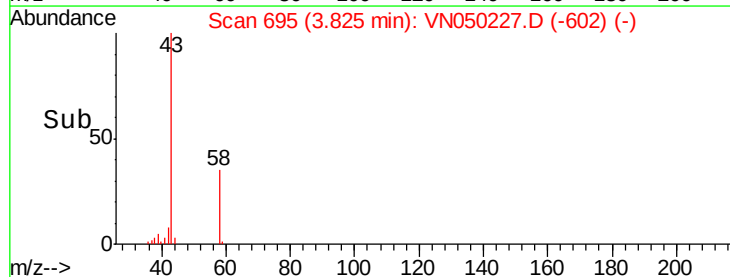
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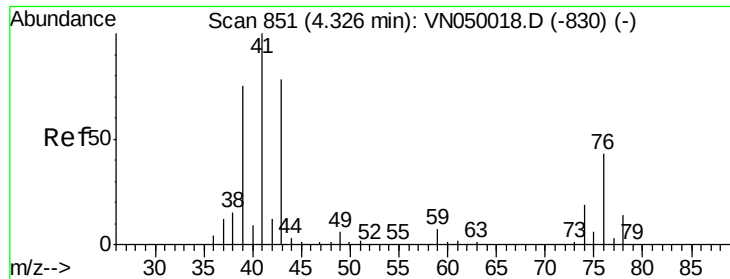
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Time-->

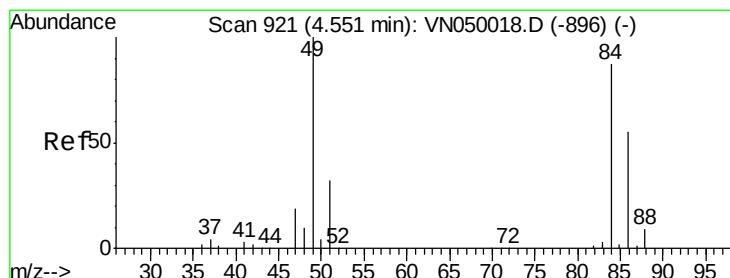
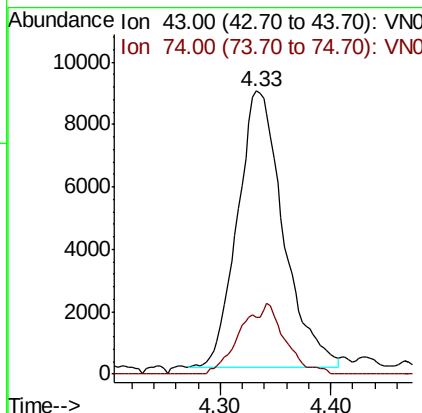
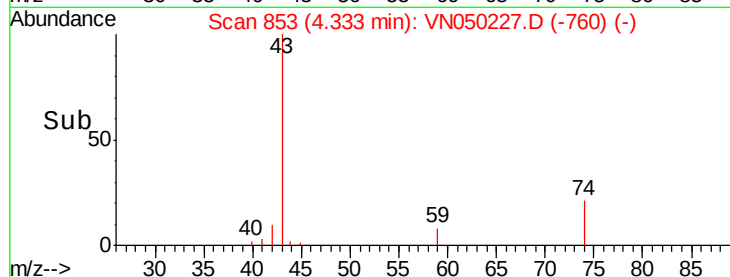
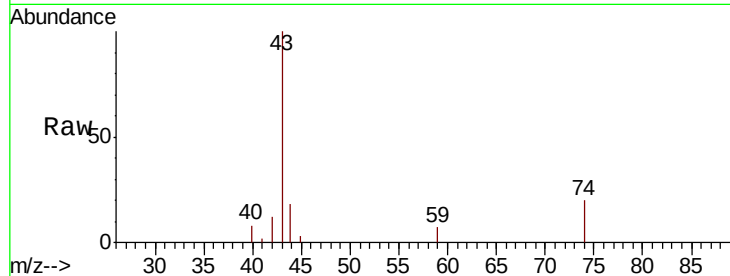




#18
Methvl Acetate
Concen: 1.583 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

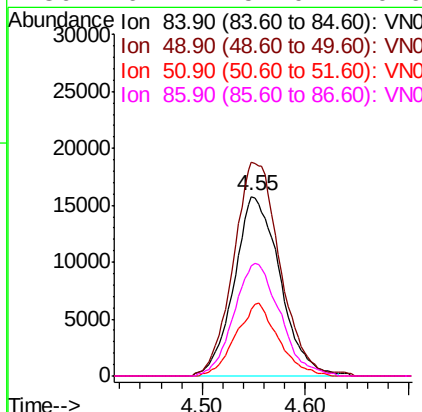
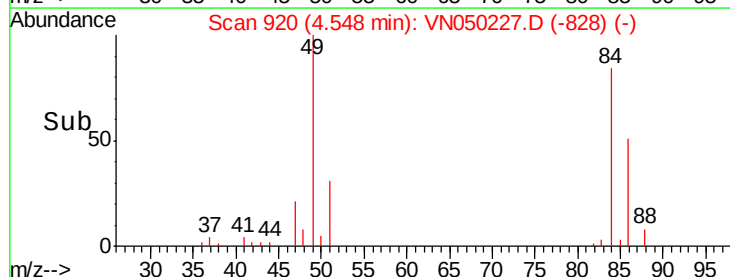
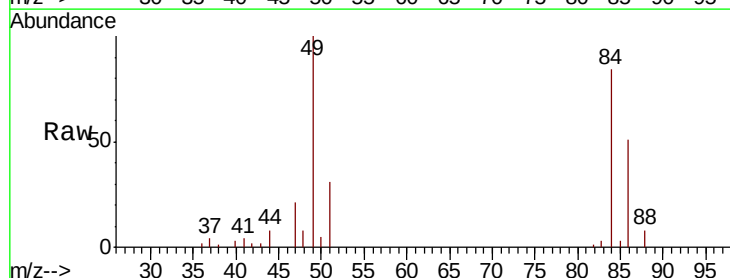
Instrument :
MSVOA_N
ClientSampleId :
NB-08-073018-A

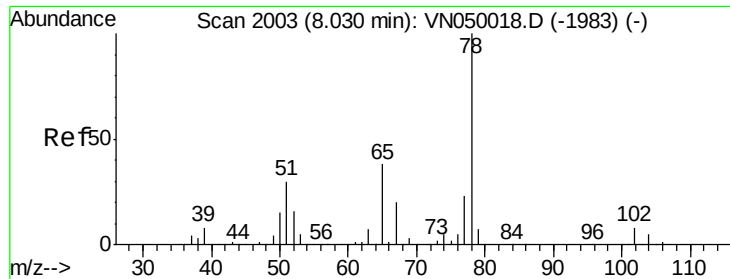
Tot Ion: 43 Resp: 25690
Ion Ratio Lower Upper
43 100
74 24.7 19.2 28.8



#20
Methylene Chloride
Concen: 5.058 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

Tgt Ion: 84 Resp: 48656
Ion Ratio Lower Upper
84 100
49 119.0 94.8 142.2
51 36.9 28.3 42.5
86 61.2 51.0 76.6

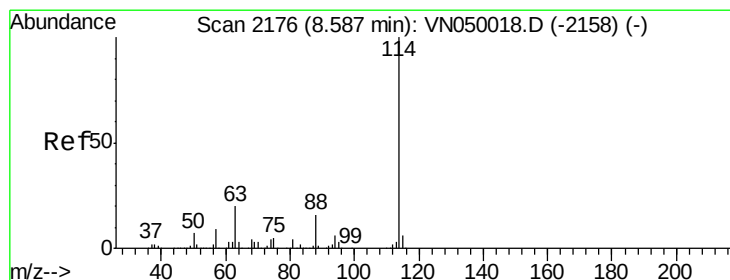
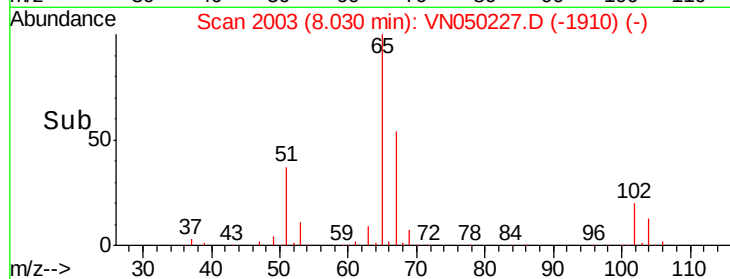
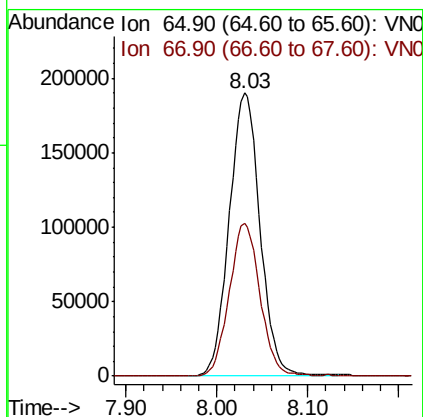
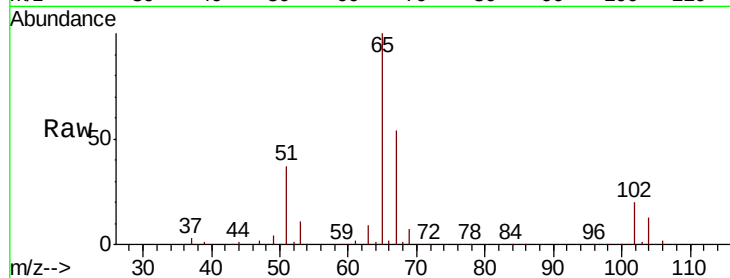




#33
 1,2-Dichloroethane-d4
 Concen: 50.425 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050227.D
 Acq: 31 Jul 2018 20:15

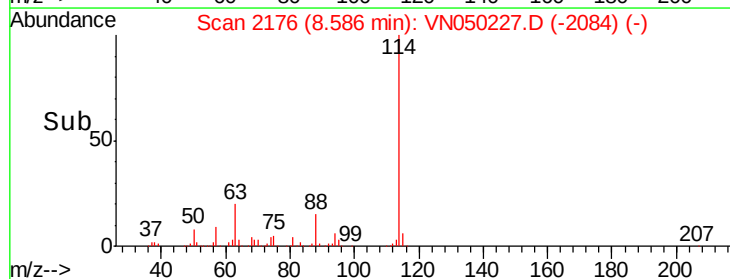
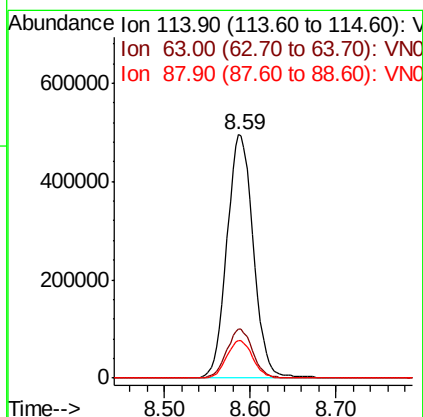
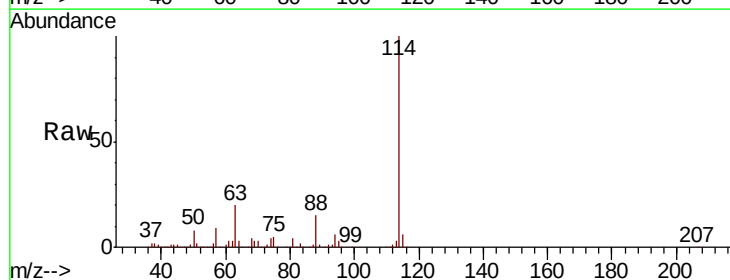
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-073018-A

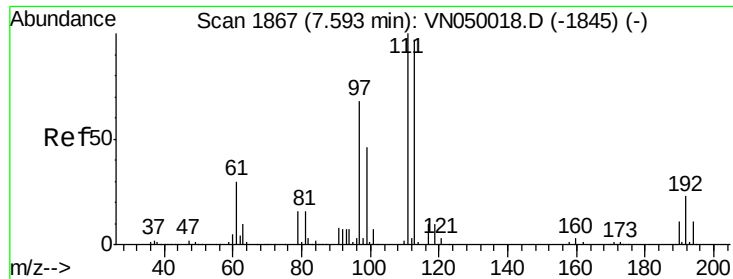
Tot Ion: 65 Resp: 447343
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050227.D
 Acq: 31 Jul 2018 20:15

Tgt Ion: 114 Resp: 1056036
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.4 0.0 31.2

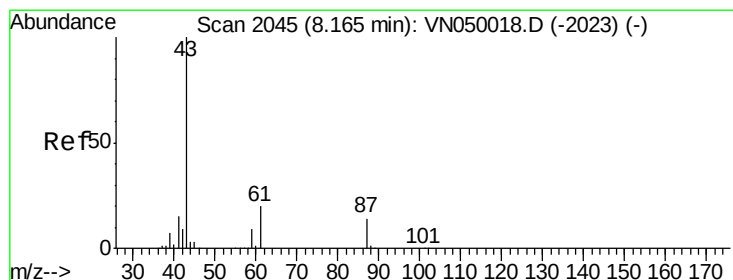
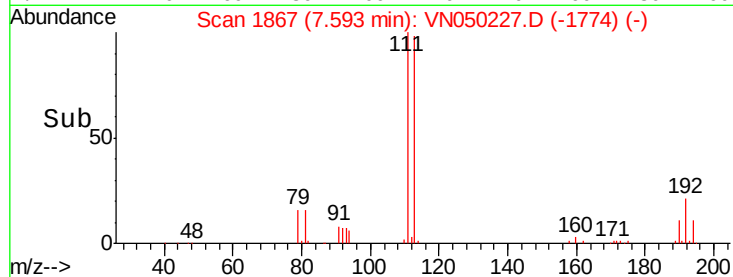
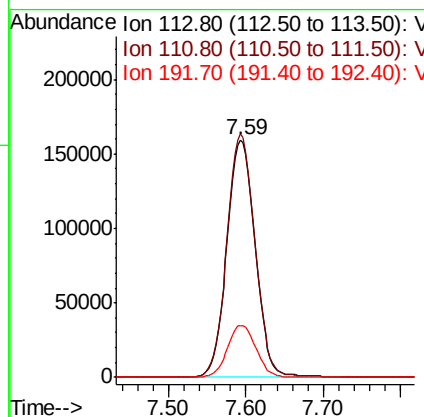
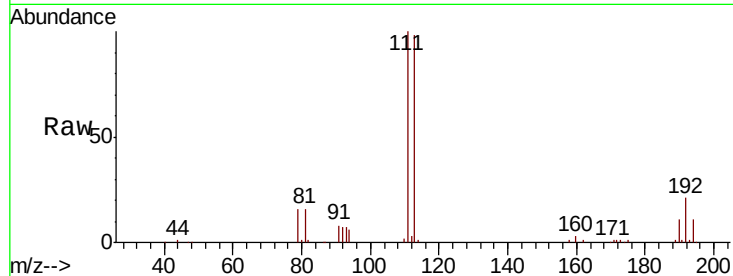




#35
 Dibromofluoromethane
 Concen: 47.021 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050227.D
 Acq: 31 Jul 2018 20:15

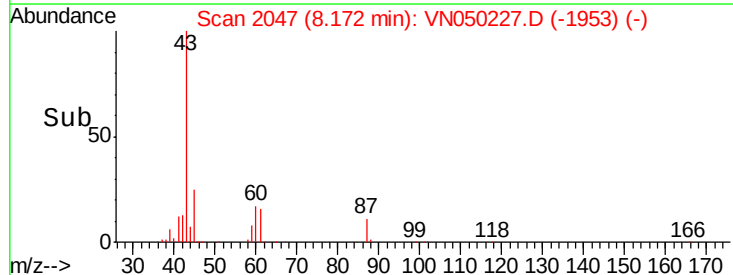
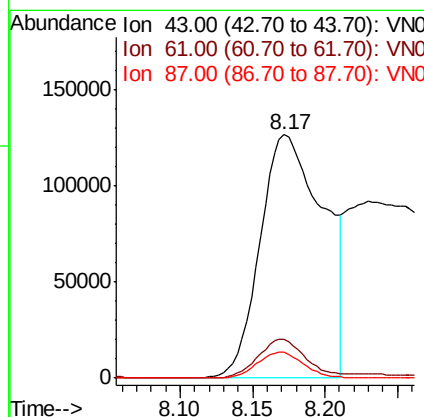
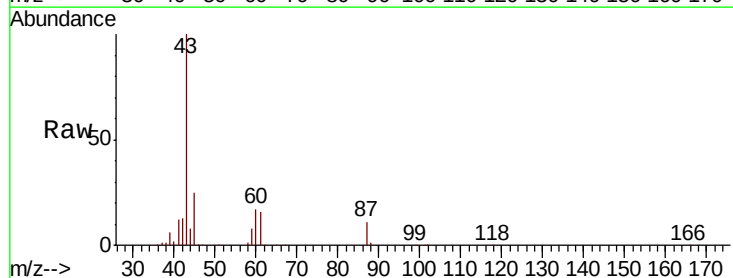
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-073018-A

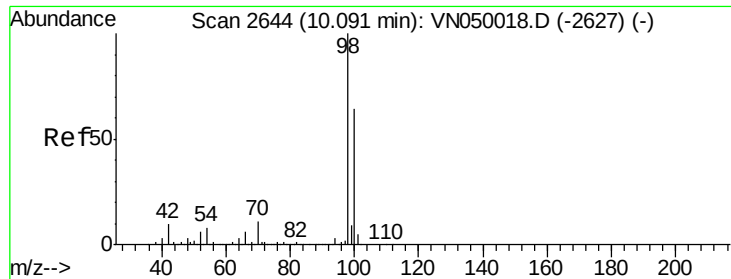
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.7	121.1
192	22.1	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 24.065 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050227.D
 Acq: 31 Jul 2018 20:15

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	15.8	23.6#
87	8.0	10.3	15.5#





#50

Toluene-d8

Concen: 45.110 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

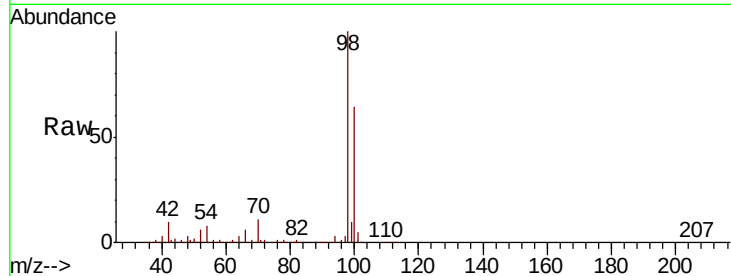
NB-08-073018-A

Tot Ion: 98 Resp: 1429928

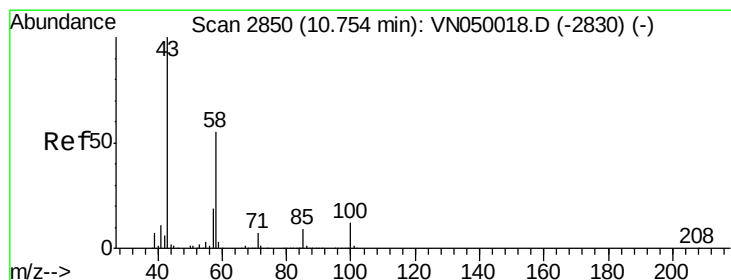
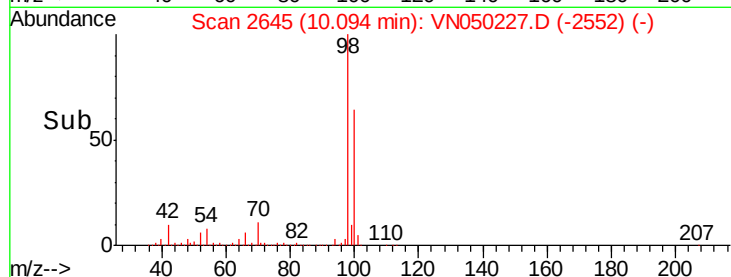
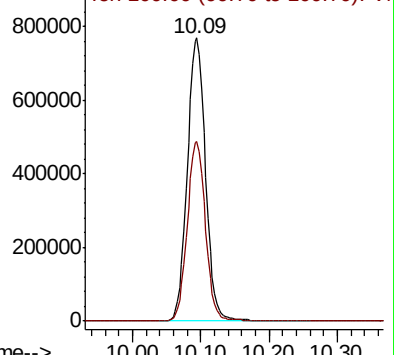
Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)



#59

2-Hexanone

Concen: 7.991 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050227.D

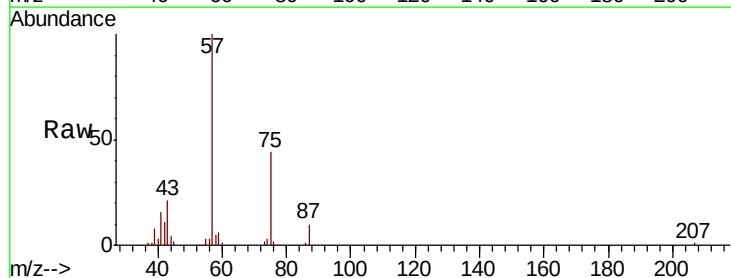
Acq: 31 Jul 2018 20:15

Tgt Ion: 43 Resp: 17238

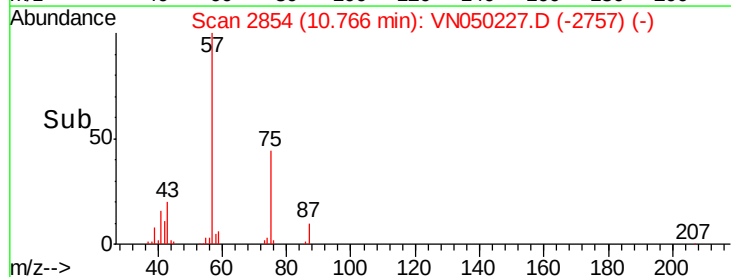
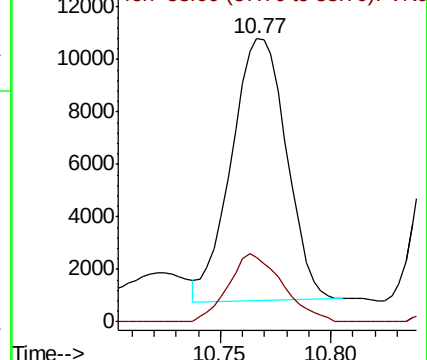
Ion Ratio Lower Upper

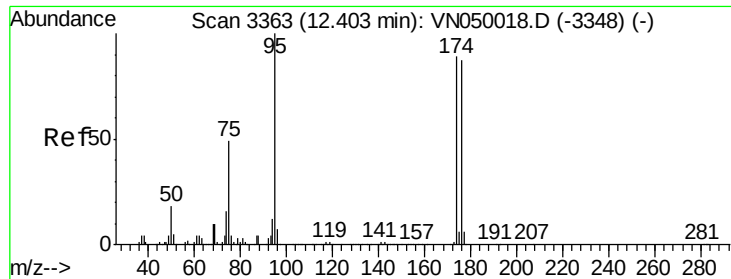
43 100

58 25.7 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2830) (-)

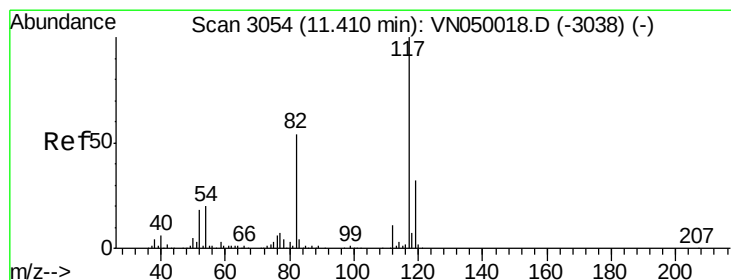
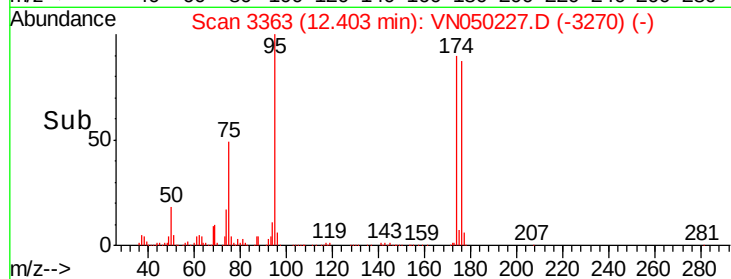
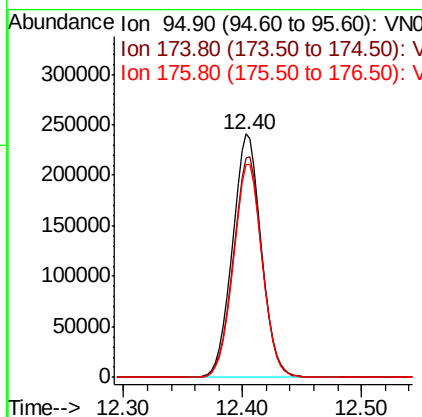
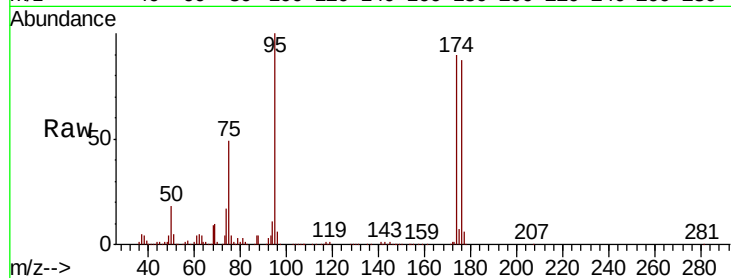




#62
4-Bromofluorobenzene
Concen: 38.452 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

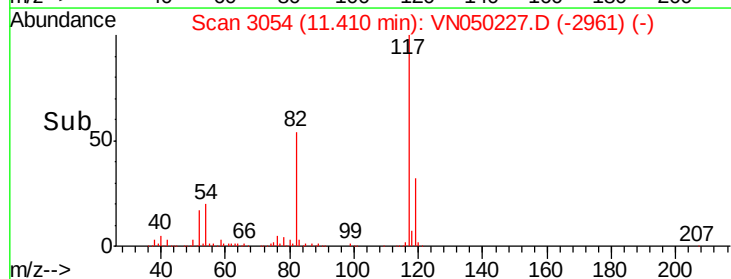
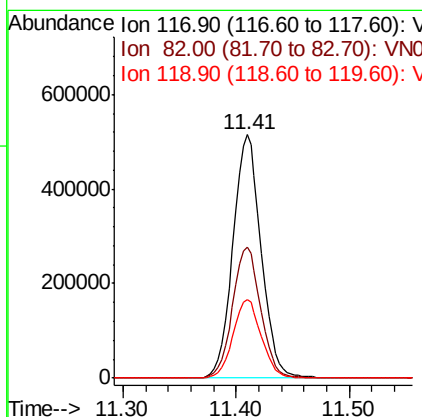
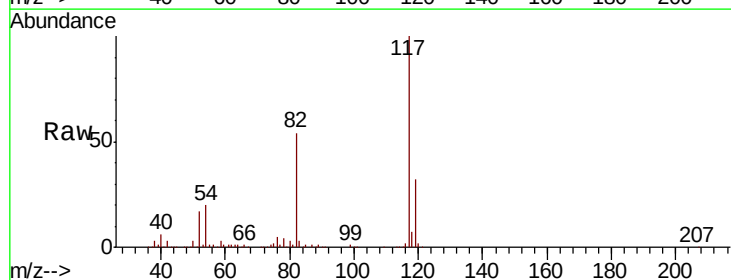
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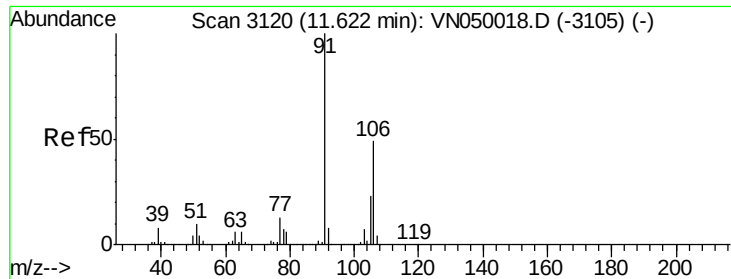
Tot Ion: 95 Resp: 401348
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 87.9 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

Tgt Ion: 117 Resp: 890914
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.5 26.1 39.1

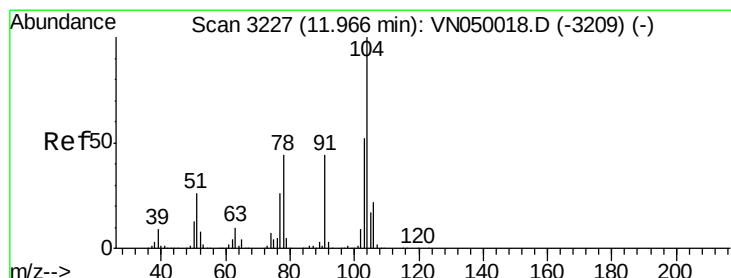
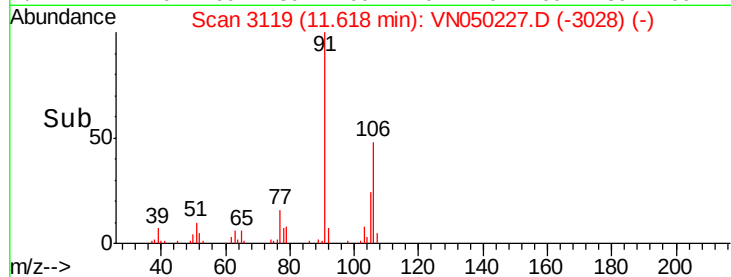
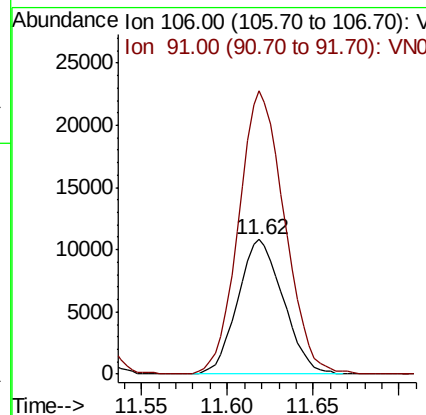
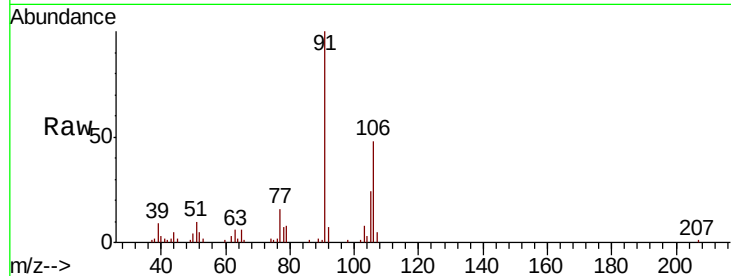




#68
m/p-Xylenes
Concen: 1.454 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

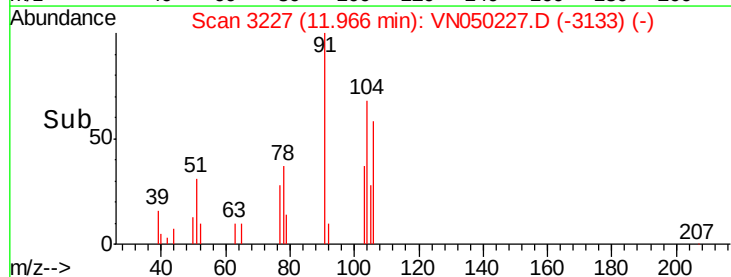
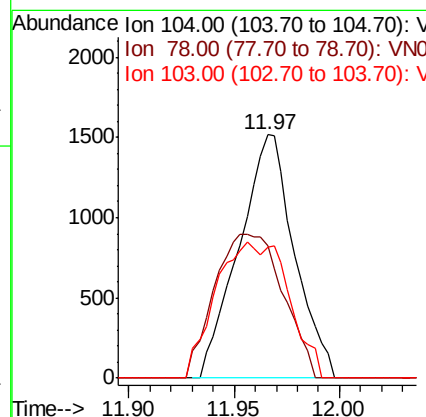
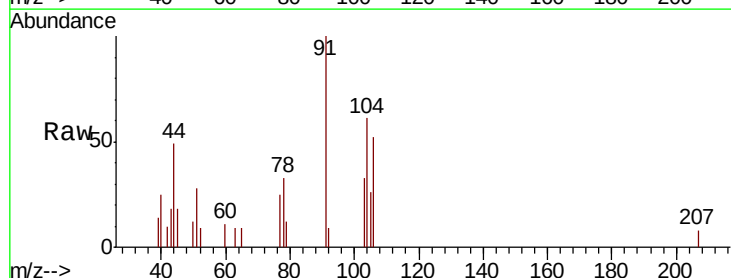
Instrument :
MSVOA_N
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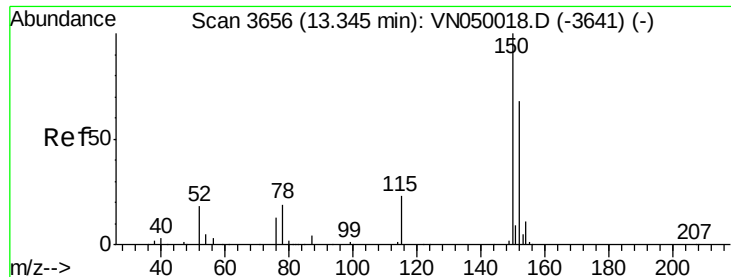
Tot Ion:106 Resp: 19885
Ion Ratio Lower Upper
106 100
91 212.1 162.2 243.2



#70
Styrene
Concen: 1.040 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

Tgt Ion:104 Resp: 2763
Ion Ratio Lower Upper
104 100
78 73.1 39.3 58.9#
103 45.8 45.0 67.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050227.D

Acq: 31 Jul 2018 20:15

Instrument :

MSVOA_N

ClientSampleId :

NB-08-073018-A

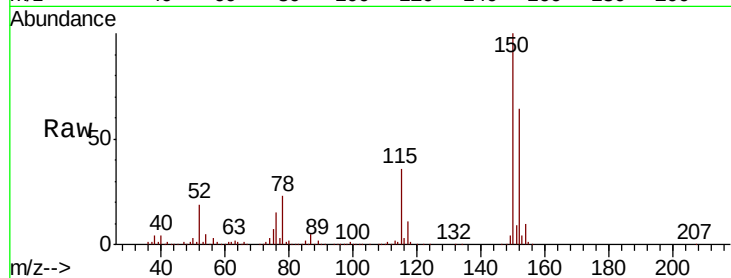
Tot Ion:152 Resp: 349678

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

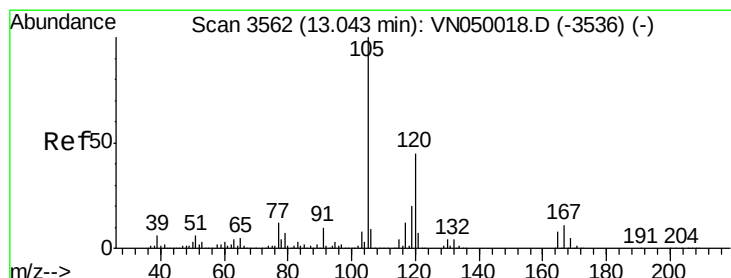
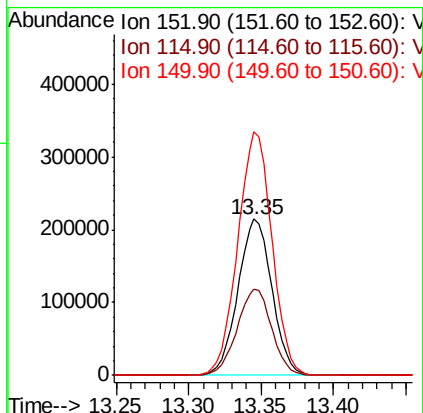
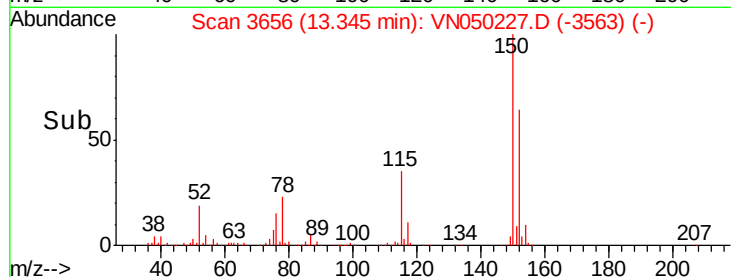
150 156.4 0.0 348.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.181 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050227.D

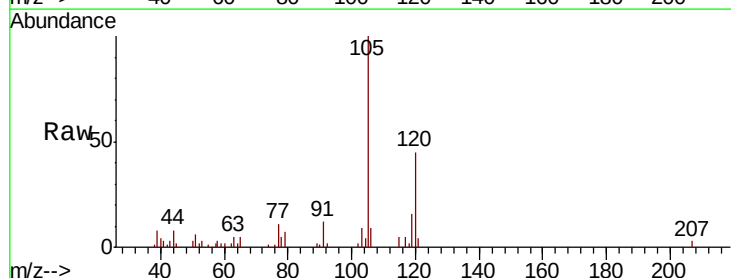
Acq: 31 Jul 2018 20:15

Tgt Ion:105 Resp: 25391

Ion Ratio Lower Upper

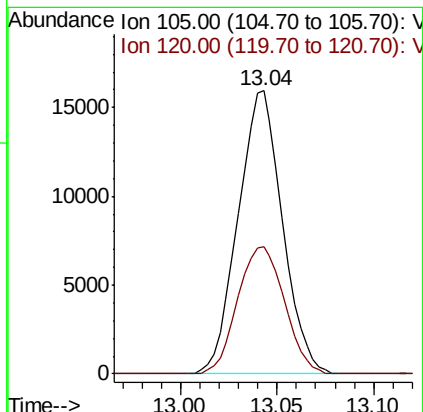
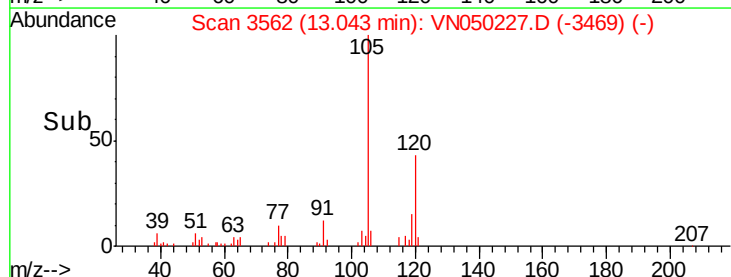
105 100

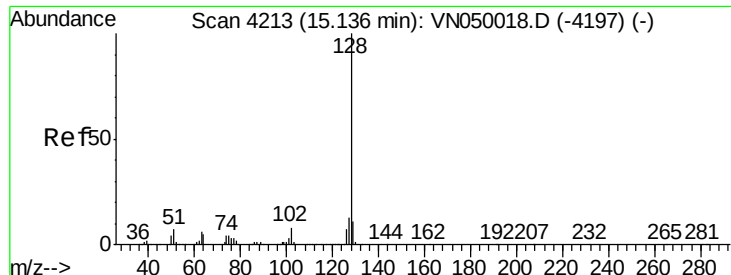
120 47.3 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 8.294 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050227.D
Acq: 31 Jul 2018 20:15

Instrument :
MSVOA_N
ClientSampleId :
NB-08-073018-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	10.7	8.8	13.2

