

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
 Data File : VN050851.D
 Acq On : 23 Aug 2018 14:22
 Operator : MD\SY
 Sample : J4612-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200027

Quant Time: Aug 24 03:55:10 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	655930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1081186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	897544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300824	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	422851	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	
35) Dibromofluoromethane	7.59	113	404620	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
50) Toluene-d8	10.09	98	1463742	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
62) 4-Bromofluorobenzene	12.40	95	385374	36.06	ug/l	0.00
Spiked Amount			Recovery	=	72.12%	

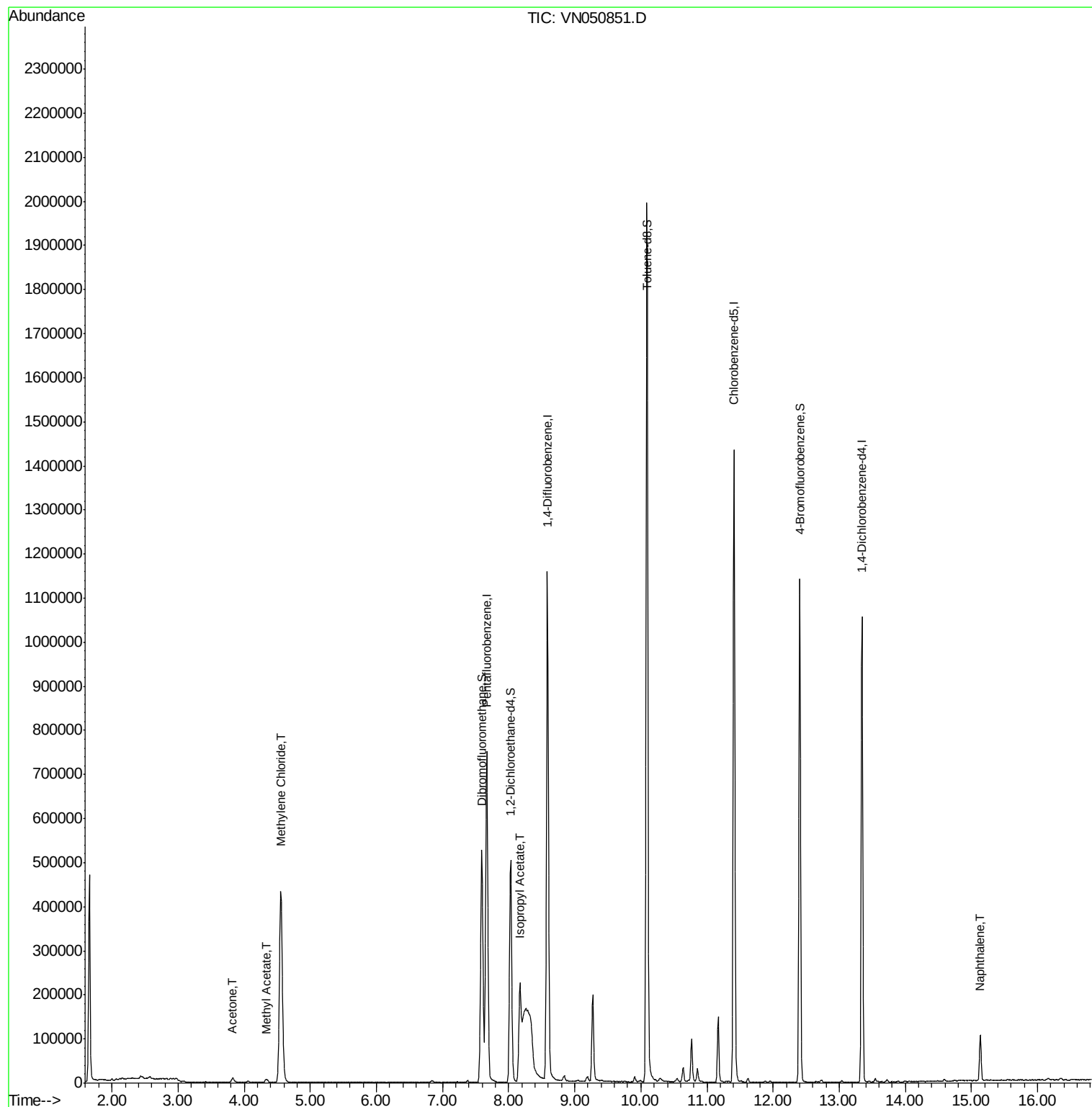
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	17949	2.61	ug/l	92
18) Methyl Acetate	4.34	43	15938	2.14	ug/l	93
20) Methylene Chloride	4.55	84	350747	39.41	ug/l	99
43) Isopropyl Acetate	8.17	43	279323	22.17	ug/l #	91
95) Naphthalene	15.13	128	88139	11.94	ug/l	99

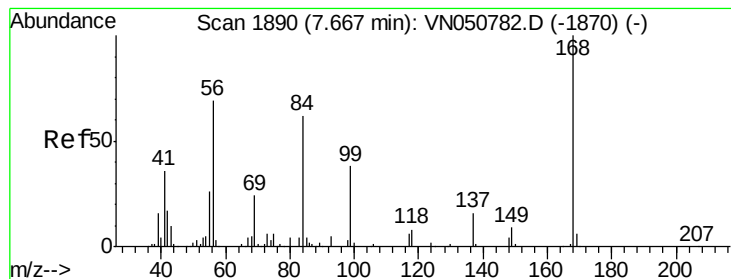
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 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: VN050851.D

Acq: 23 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

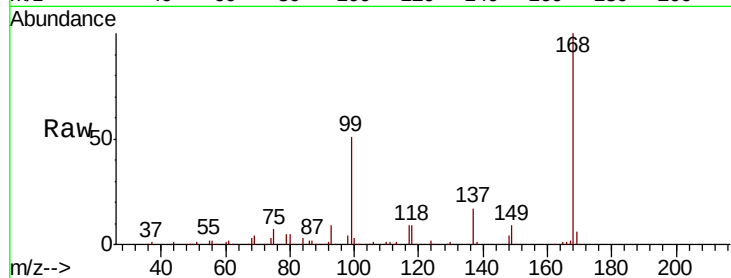
RBR200027

Tot Ion:168 Resp: 655930

Ion Ratio Lower Upper

168 100

99 50.6 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050851.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050851.D (-1797) (-)

7.67

250000

200000

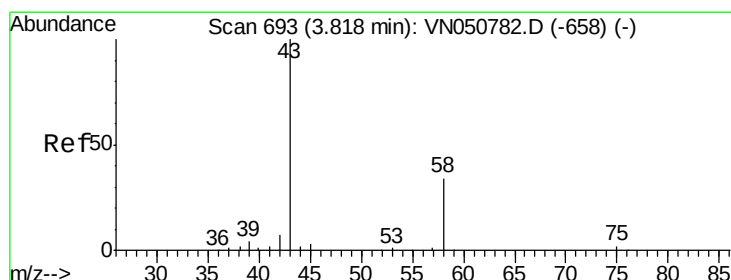
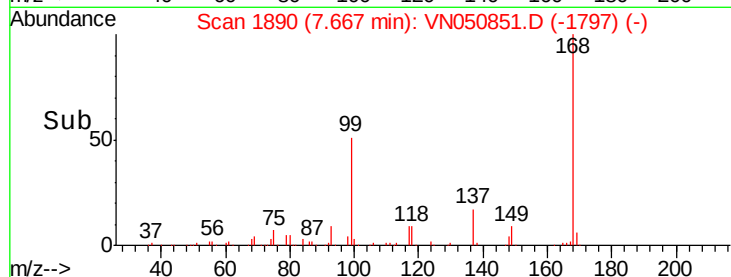
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.61 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050851.D

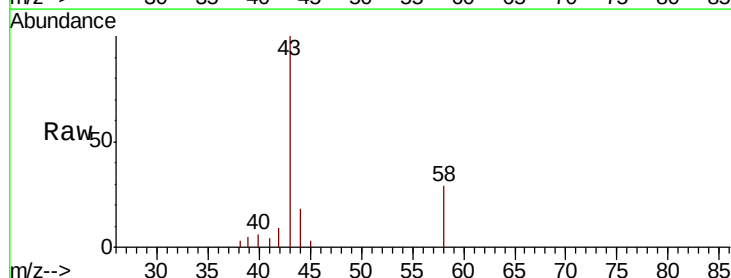
Acq: 23 Aug 2018 14:22

Tgt Ion: 43 Resp: 17949

Ion Ratio Lower Upper

43 100

58 29.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050851.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050851.D (-600) (-)

3.83

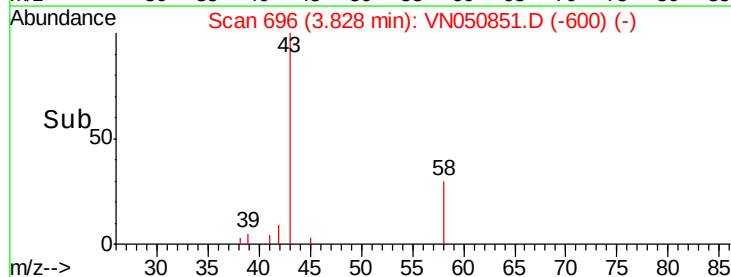
6000

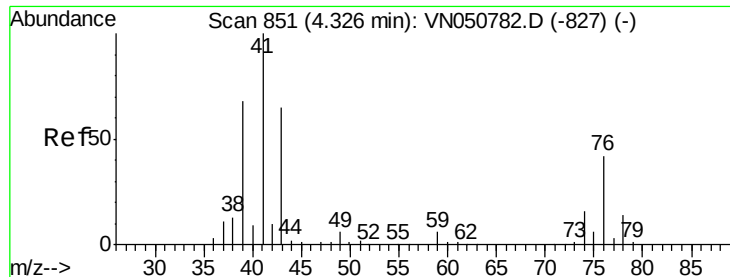
4000

2000

0

Time-->

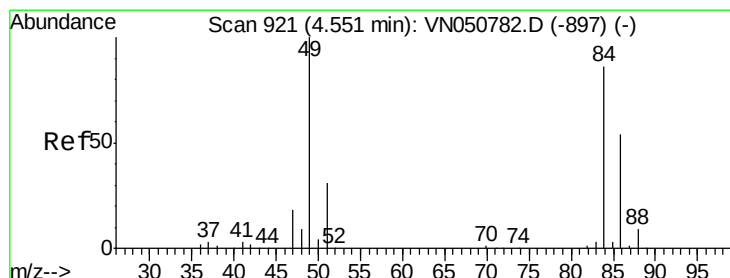
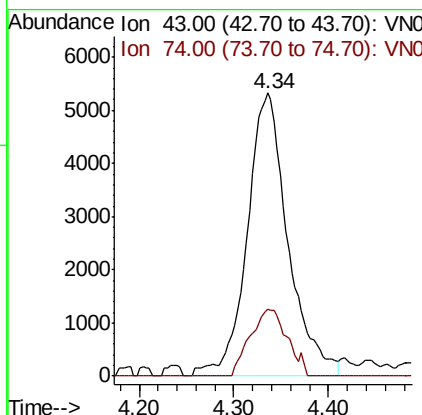
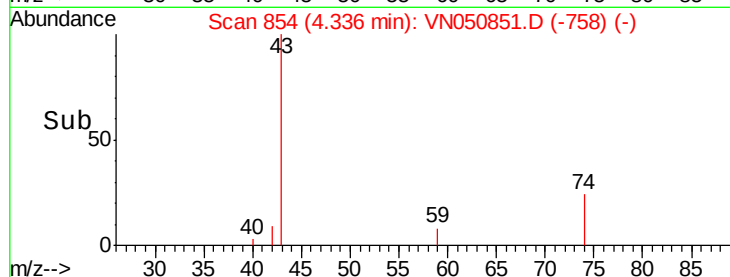
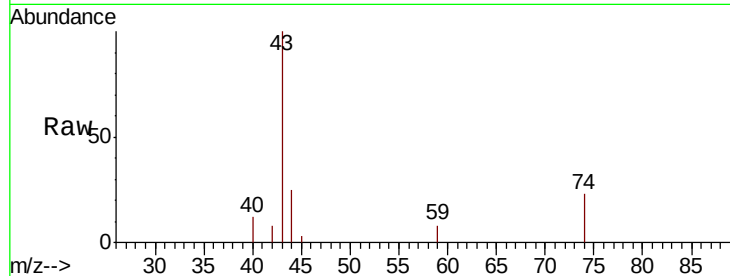




#18
Methyl Acetate
Concen: 2.14 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050851.D
Acq: 23 Aug 2018 14:22

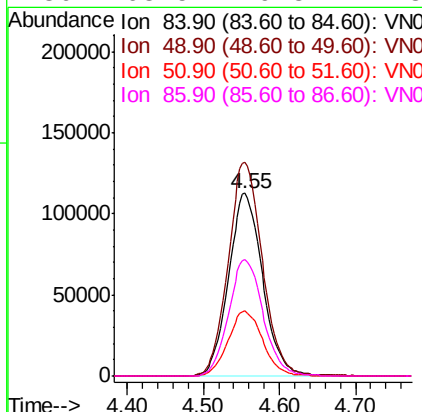
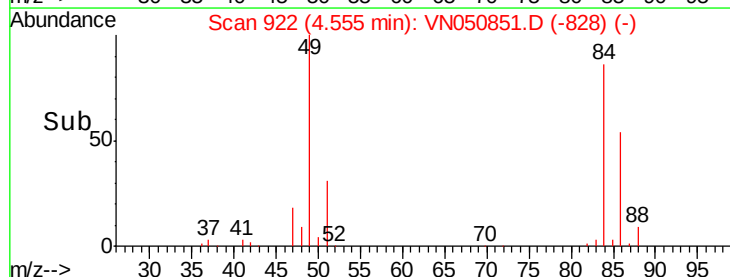
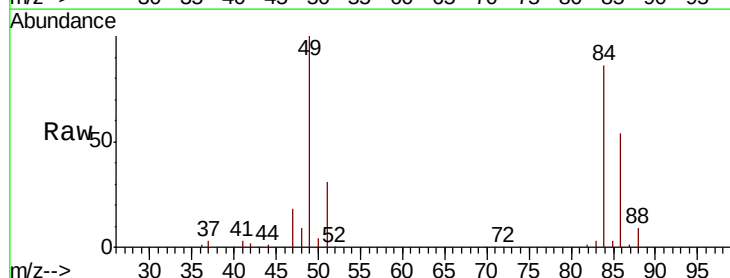
Instrument :
MSVOA_N
ClientSampled :
RBR200027

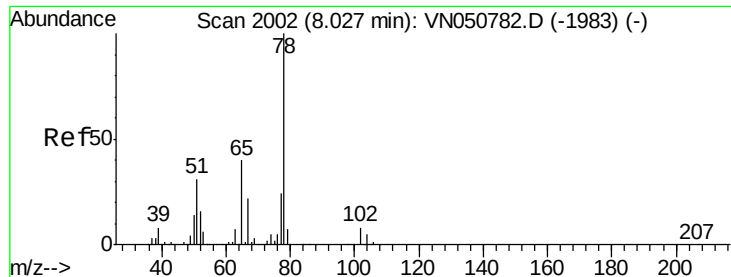
Tot Ion: 43 Resp: 15938
Ion Ratio Lower Upper
43 100
74 21.5 19.8 29.8



#20
Methylene Chloride
Concen: 39.41 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050851.D
Acq: 23 Aug 2018 14:22

Tgt Ion: 84 Resp: 350747
Ion Ratio Lower Upper
84 100
49 116.8 93.2 139.8
51 35.6 29.0 43.6
86 63.5 49.8 74.8

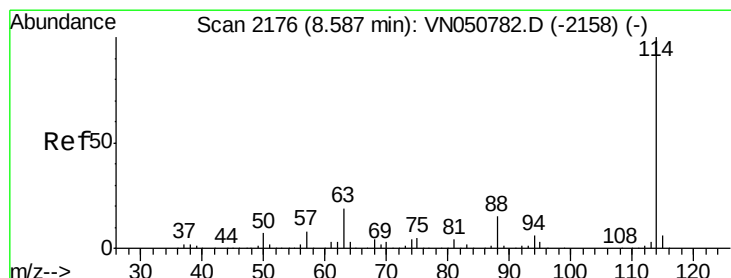
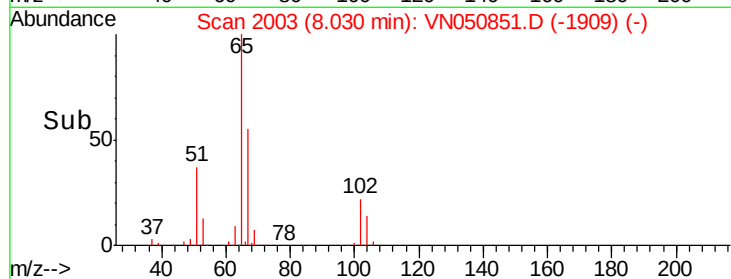
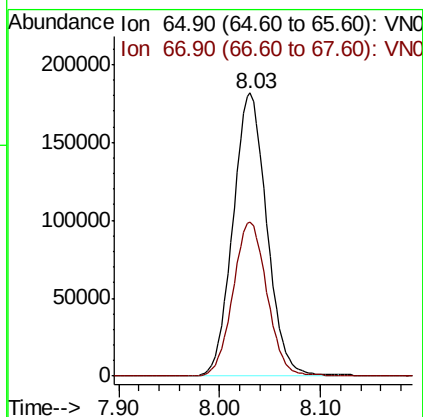
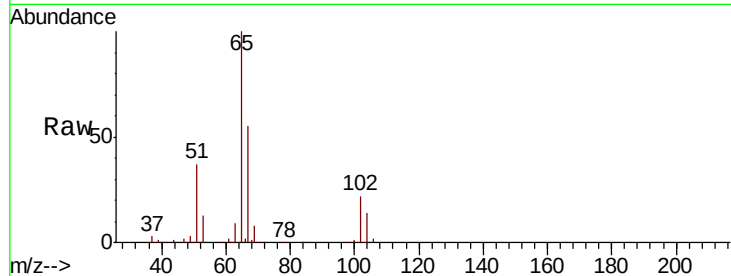




#33
 1,2-Dichloroethane-d4
 Concen: 53.55 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050851.D
 Acq: 23 Aug 2018 14:22

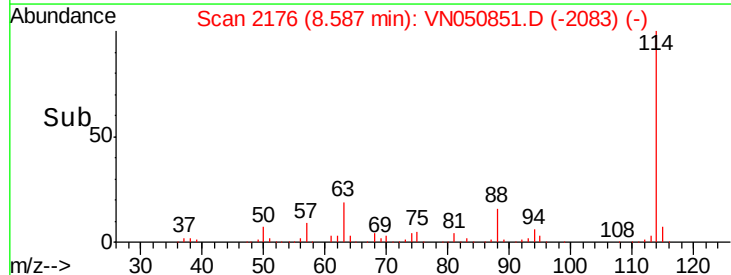
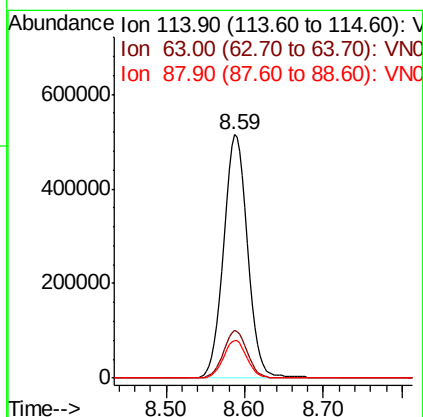
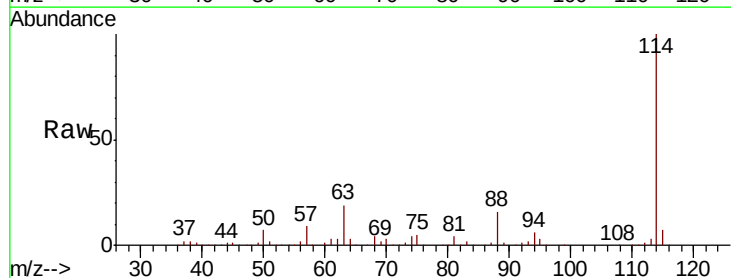
Instrument :
 MSVOA_N
 ClientSampleId :
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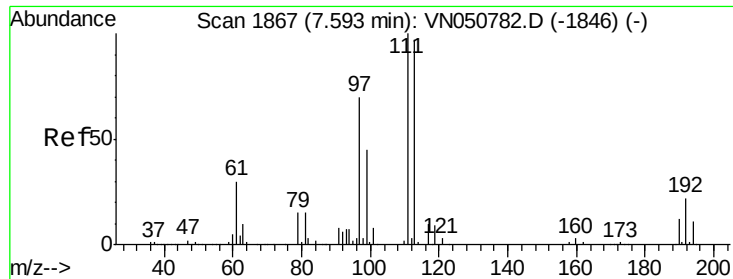
Tot Ion: 65 Resp: 422851
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050851.D
 Acq: 23 Aug 2018 14:22

Tgt Ion: 114 Resp: 1081186
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.7 0.0 30.6

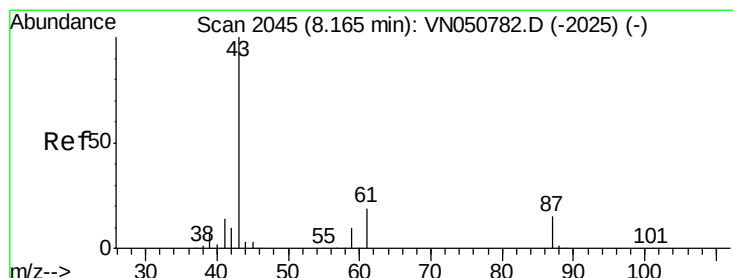
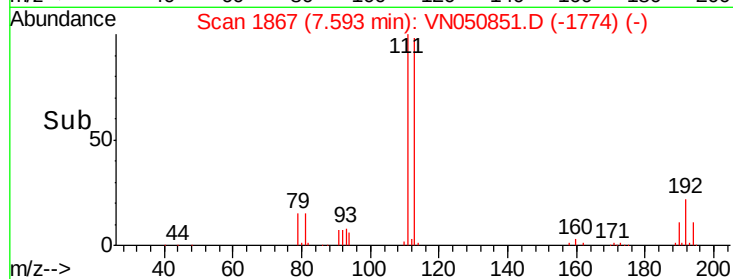
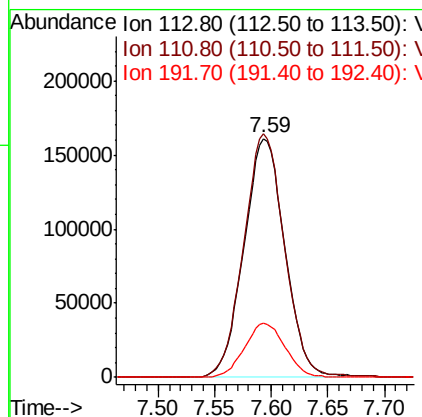
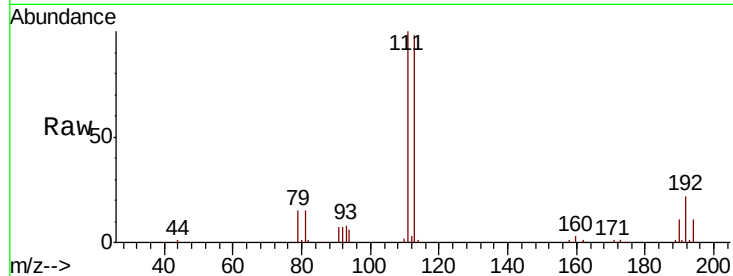




#35
 Dibromofluoromethane
 Concen: 47.04 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050851.D
 Acq: 23 Aug 2018 14:22

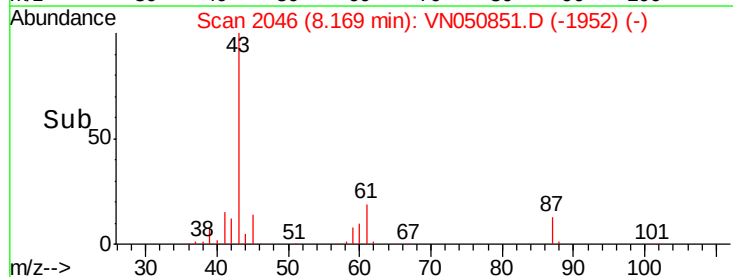
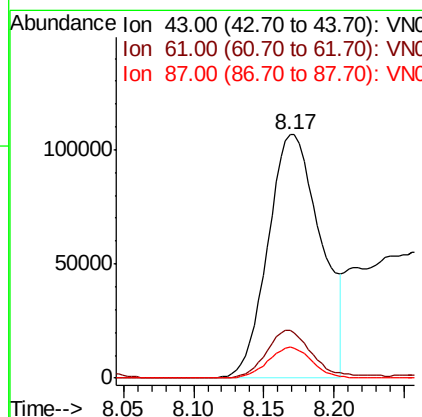
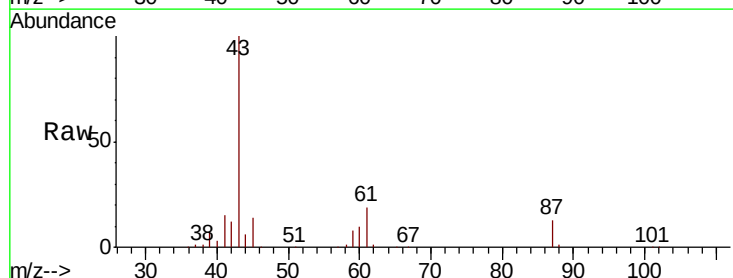
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200027

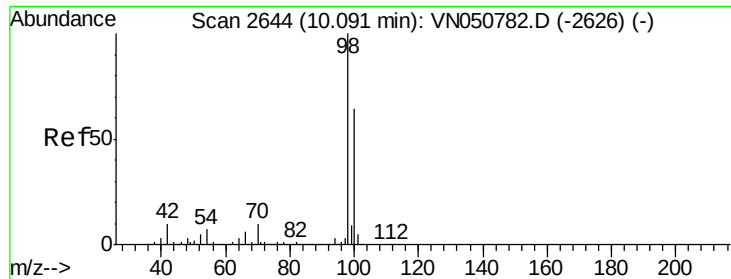
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	22.5	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 22.17 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050851.D
 Acq: 23 Aug 2018 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.4	17.5	26.3#
87	10.6	11.3	16.9#





#50

Toluene-d8

Concen: 45.52 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050851.D

Acq: 23 Aug 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

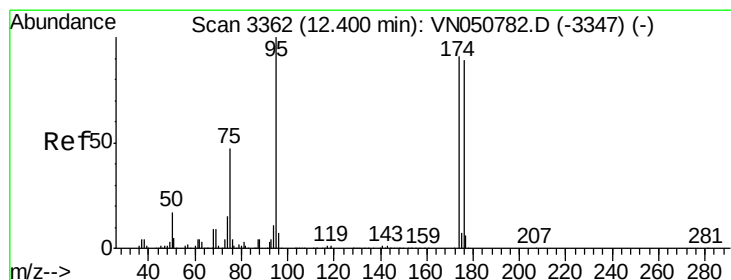
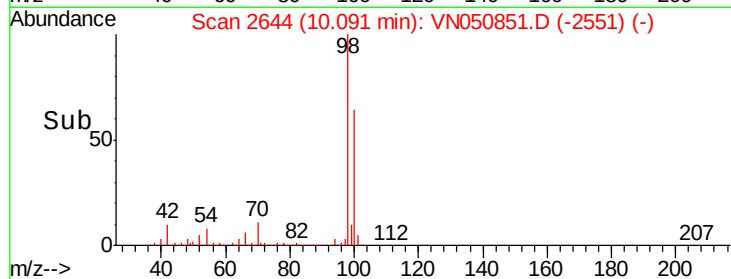
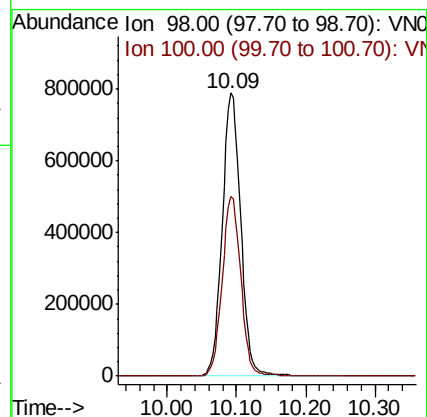
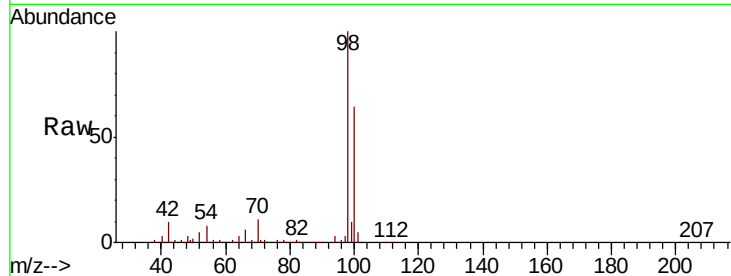
RBR200027

Tot Ion: 98 Resp: 1463742

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 36.06 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050851.D

Acq: 23 Aug 2018 14:22

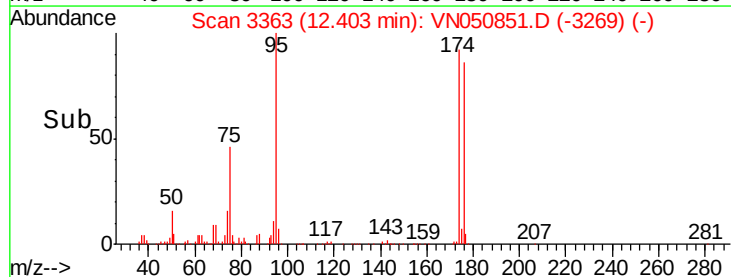
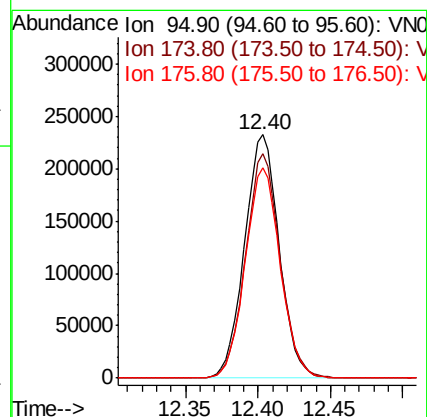
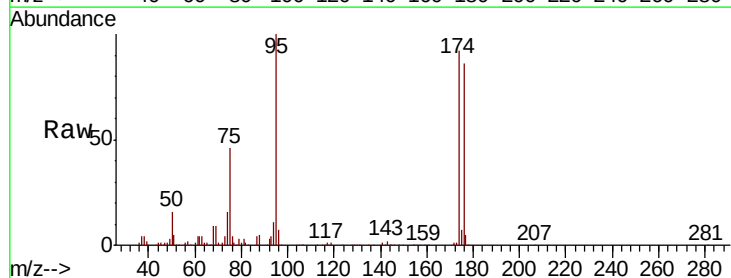
Tgt Ion: 95 Resp: 385374

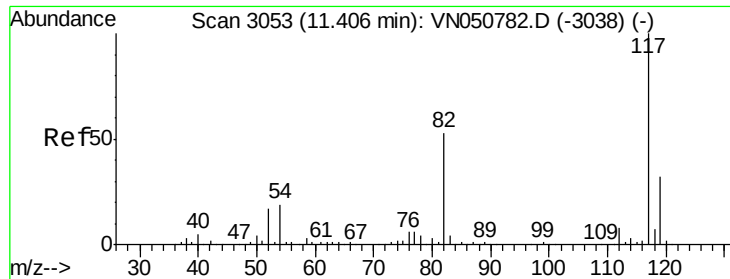
Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.0

176 87.6 0.0 178.8

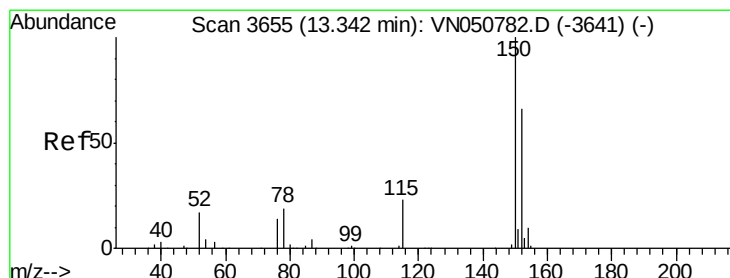
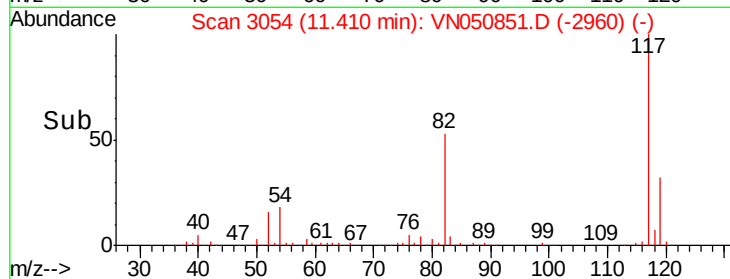
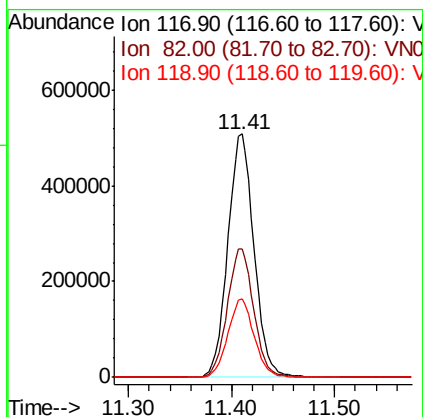
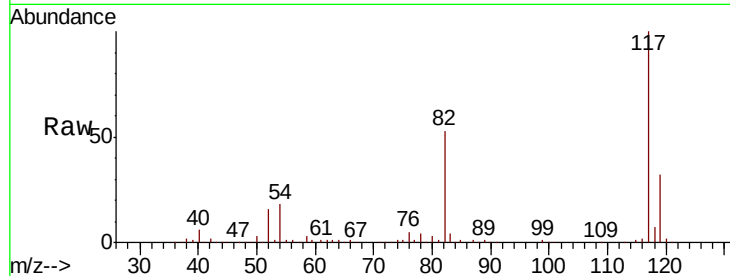




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050851.D
Acq: 23 Aug 2018 14:22

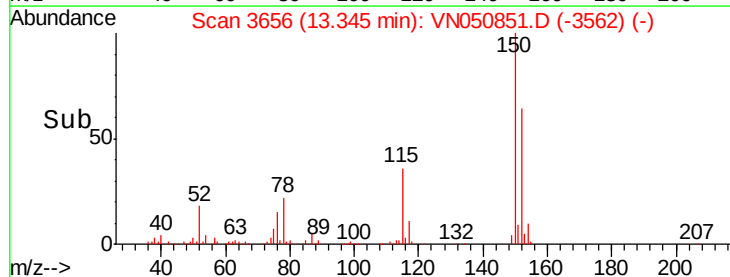
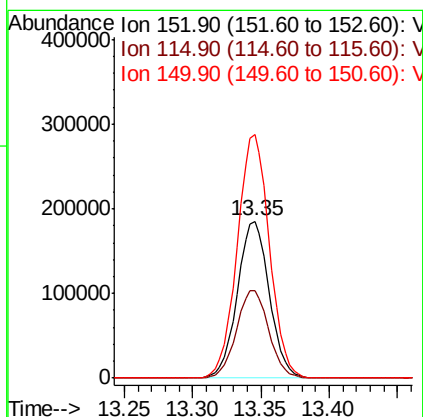
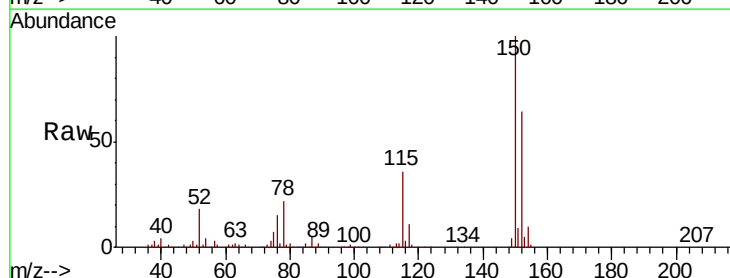
Instrument :
MSVOA_N
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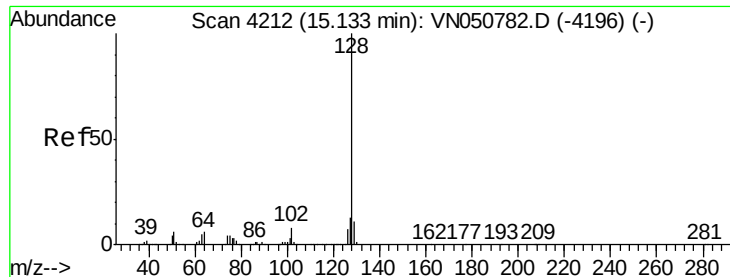
Tot Ion:117 Resp: 897544
Ion Ratio Lower Upper
117 100
82 53.0 42.6 64.0
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050851.D
Acq: 23 Aug 2018 14:22

Tgt Ion:152 Resp: 300824
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.4
150 156.4 0.0 351.4

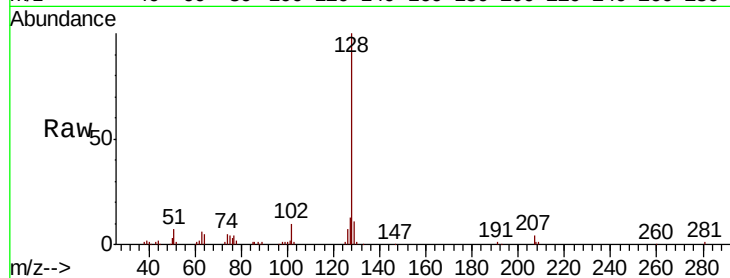




#95
Naphthalene
Concen: 11.94 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050851.D
Acq: 23 Aug 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
RBR200027

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	11.1	8.7	13.1



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

