

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050338.D
 Acq On : 4 Aug 2018 2:35
 Operator : MD\SY
 Sample : J4310-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-1

Quant Time: Aug 04 05:46:24 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	633815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1065452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	930909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	387401	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	457699	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
35) Dibromofluoromethane	7.59	113	398433	45.80	ug/l	0.00
Spiked Amount			Recovery	=	91.60%	
50) Toluene-d8	10.09	98	1458134	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	
62) 4-Bromofluorobenzene	12.40	95	429032	40.74	ug/l	0.00
Spiked Amount			Recovery	=	81.48%	

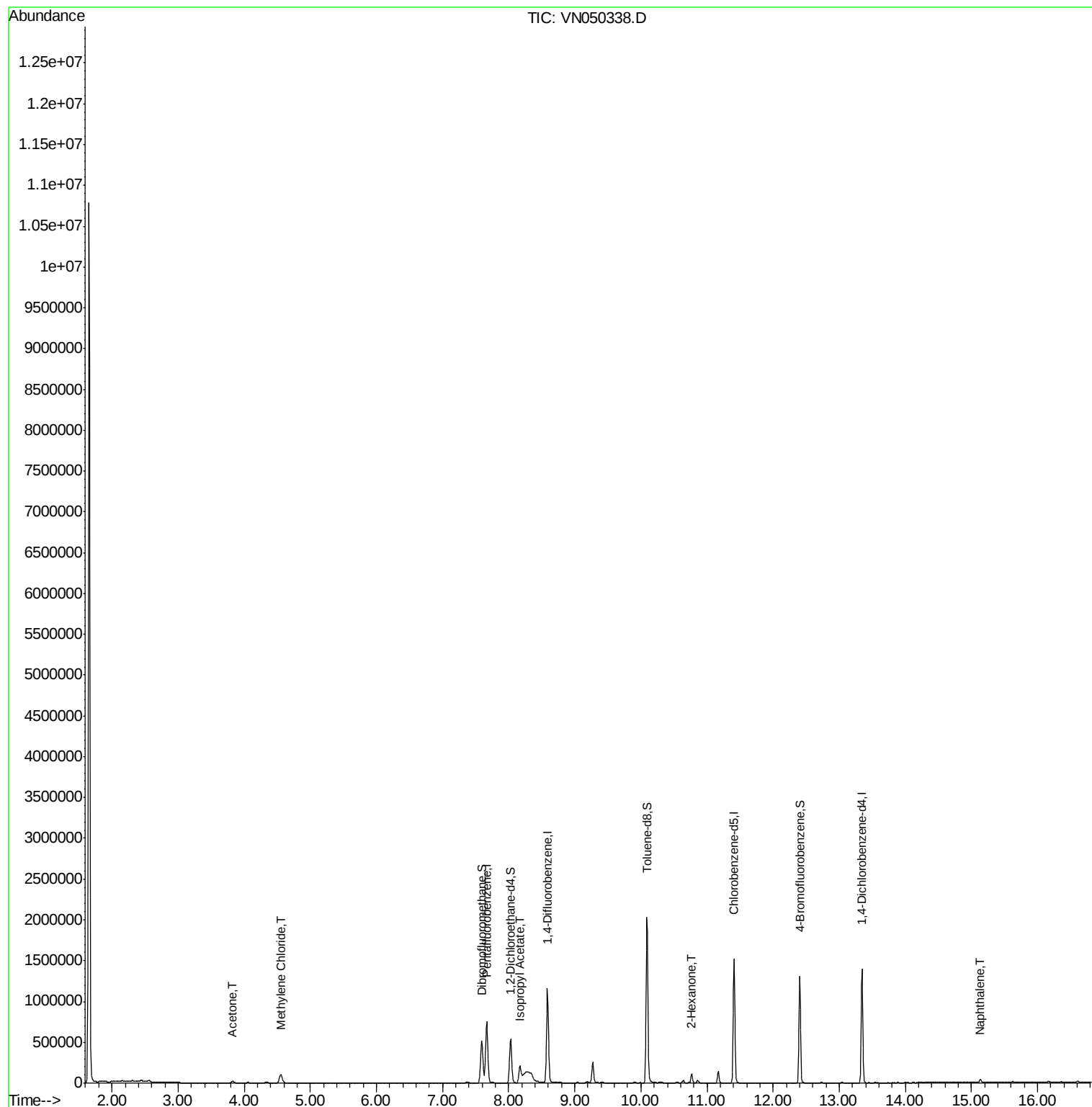
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	35406	12.88	ug/l	99
20) Methylene Chloride	4.55	84	82424	9.50	ug/l	98
43) Isopropyl Acetate	8.17	43	252316	15.21	ug/l	95
59) 2-Hexanone	10.77	43	16426	7.83	ug/l #	58
95) Naphthalene	15.14	128	28982	5.91	ug/l	96

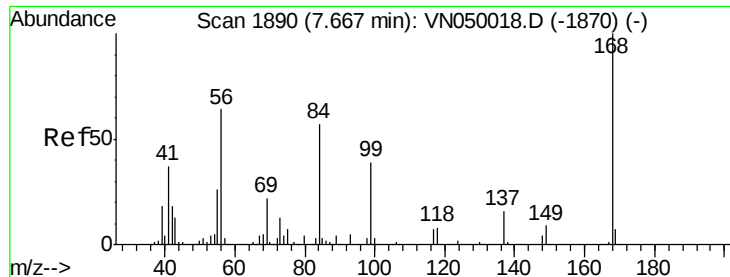
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050338.D

Acq: 4 Aug 2018 2:35

Instrument :

MSVOA_N

ClientSampled :

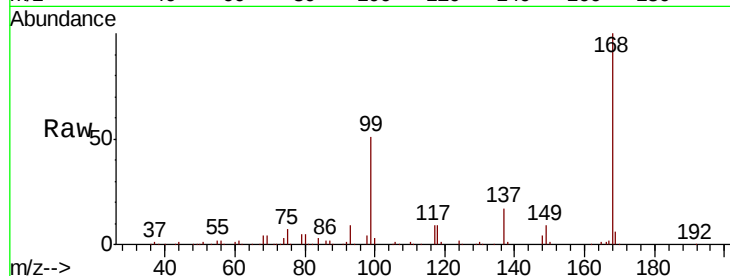
C-1

Tot Ion:168 Resp: 633815

Ion Ratio Lower Upper

168 100

99 51.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

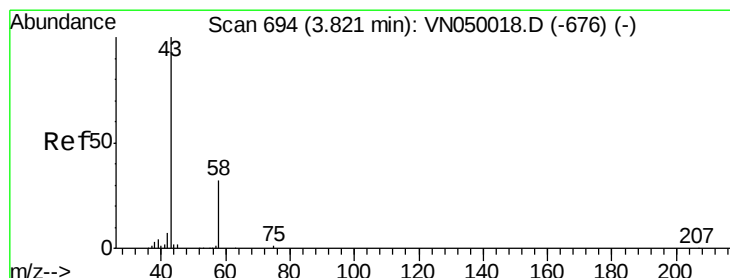
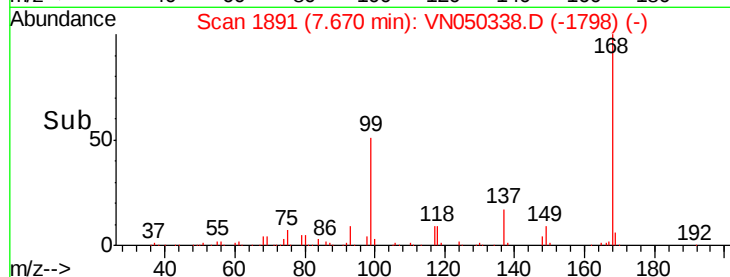
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.88 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050338.D

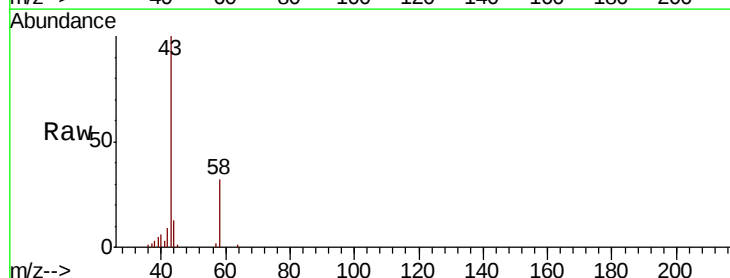
Acq: 4 Aug 2018 2:35

Tgt Ion: 43 Resp: 35406

Ion Ratio Lower Upper

43 100

58 32.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

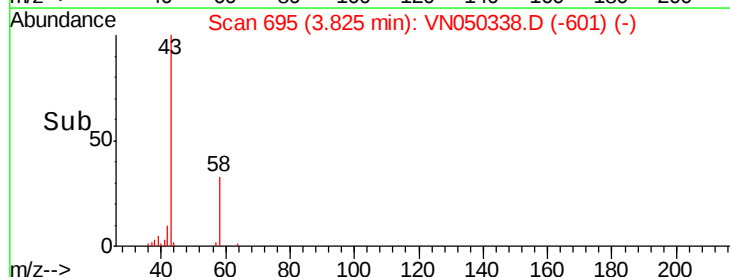
15000

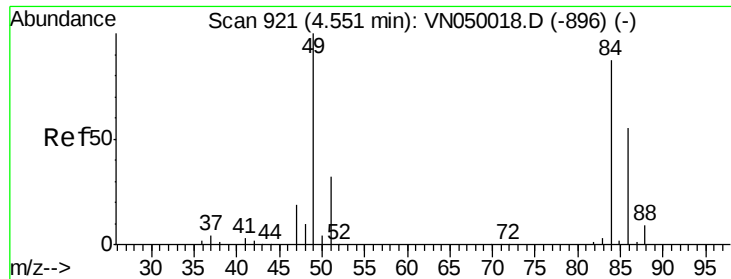
10000

5000

0

Time-->

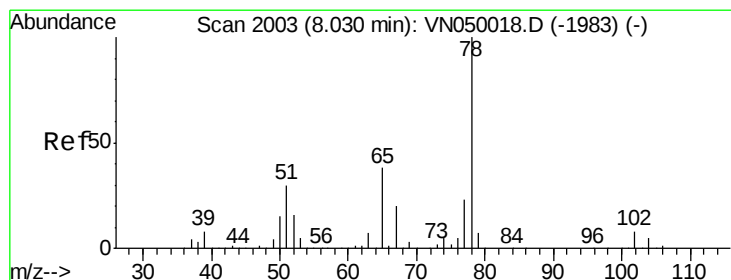
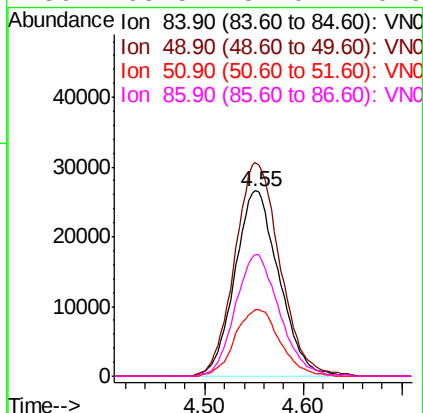
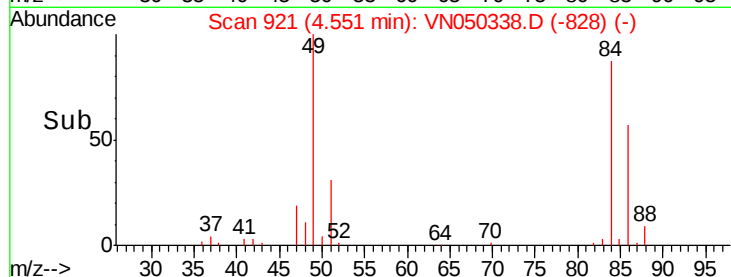
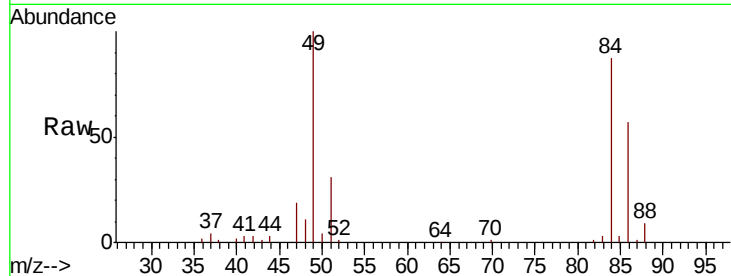




#20
Methvlene Chloride
Concen: 9.50 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050338.D
Acq: 4 Aug 2018 2:35

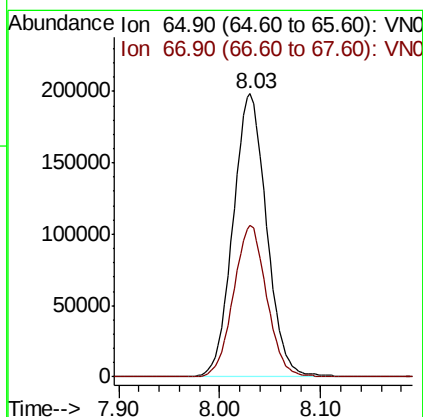
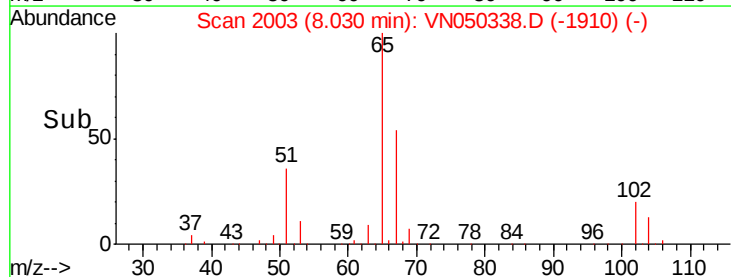
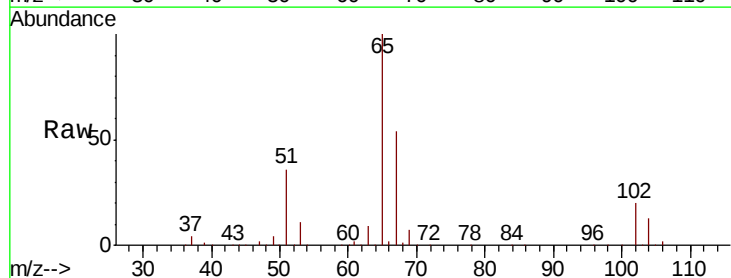
Instrument :
MSVOA_N
ClientSampled :
C-1

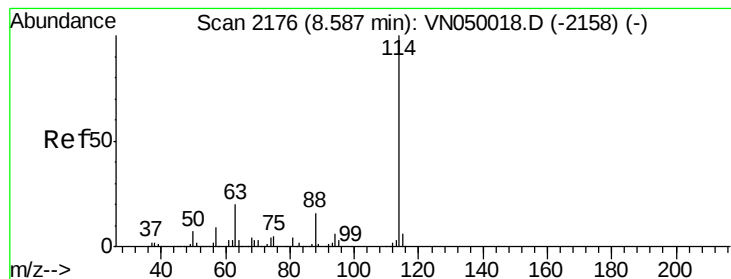
Tot Ion: 84 Resp: 82424
Ion Ratio Lower Upper
84 100
49 115.3 94.8 142.2
51 35.7 28.3 42.5
86 65.5 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 51.76 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050338.D
Acq: 4 Aug 2018 2:35

Tgt Ion: 65 Resp: 457699
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050338.D

Acq: 4 Aug 2018 2:35

Instrument :

MSVOA_N

ClientSampleId :

C-1

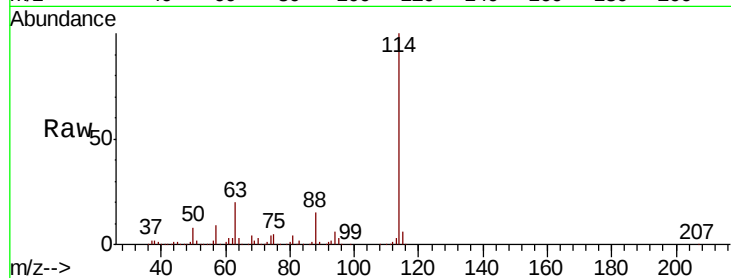
Tot Ion:114 Resp: 1065452

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

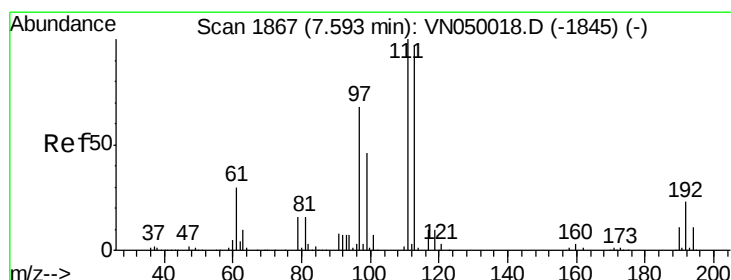
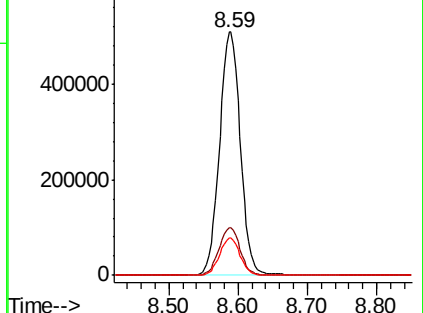
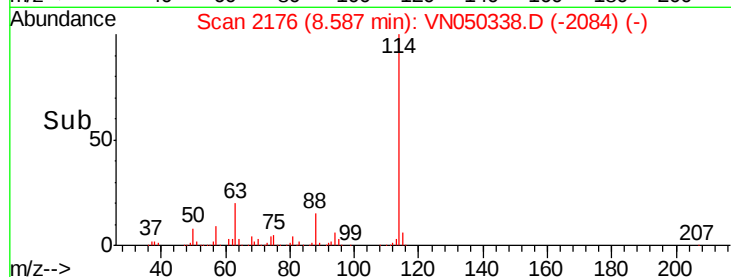
88 15.3 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.80 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050338.D

Acq: 4 Aug 2018 2:35

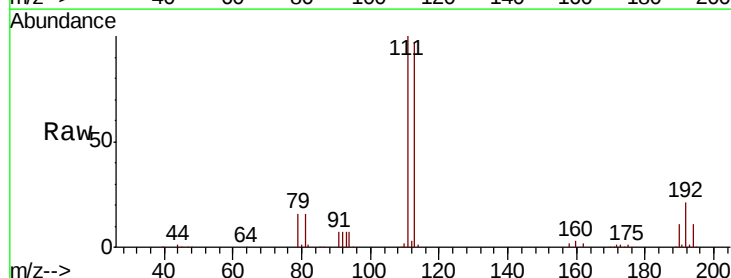
Tgt Ion:113 Resp: 398433

Ion Ratio Lower Upper

113 100

111 104.0 80.7 121.1

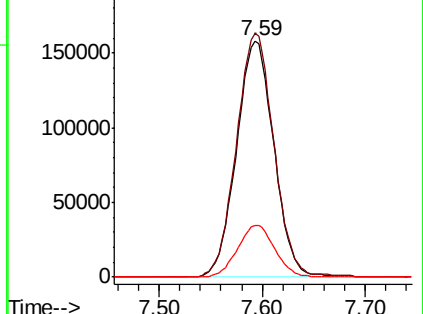
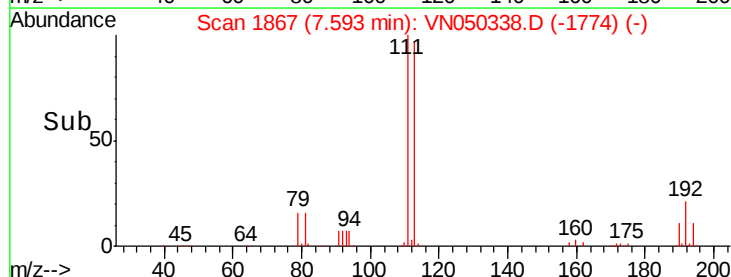
192 21.9 17.8 26.6

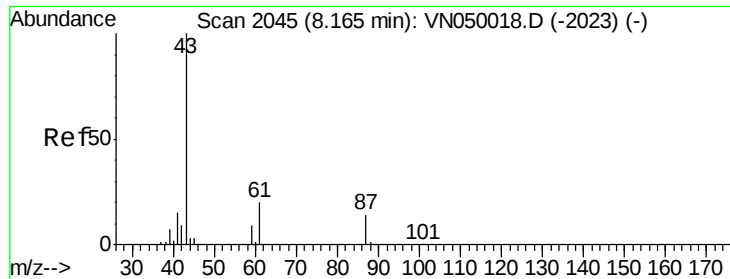


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 15.21 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050338.D

Acq: 4 Aug 2018 2:35

Instrument :

MSVOA_N

ClientSampled :

C-1

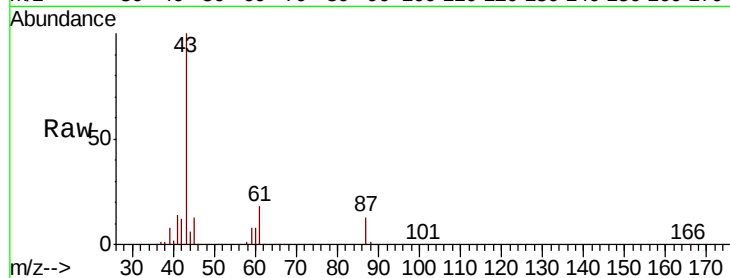
Tot Ion: 43 Resp: 252316

Ion Ratio Lower Upper

43 100

61 17.3 15.8 23.6

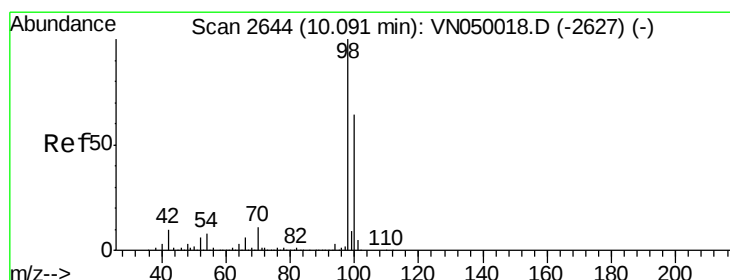
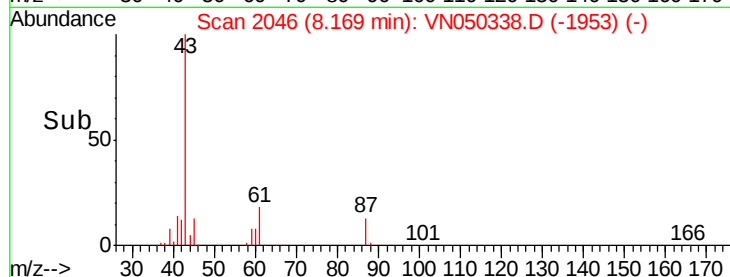
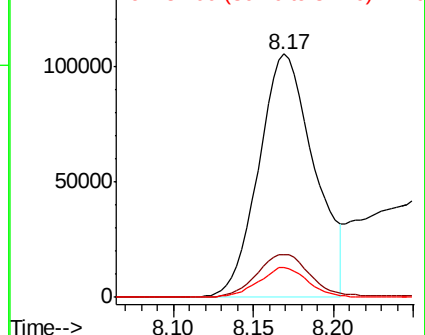
87 11.0 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.59 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050338.D

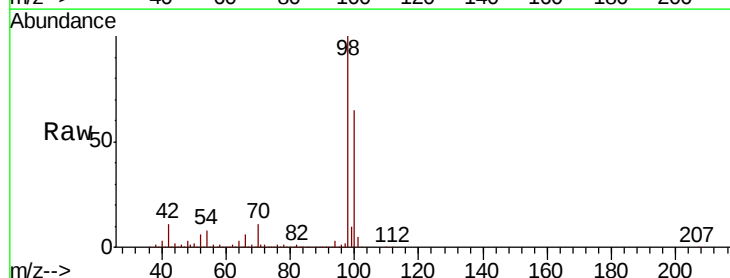
Acq: 4 Aug 2018 2:35

Tgt Ion: 98 Resp: 1458134

Ion Ratio Lower Upper

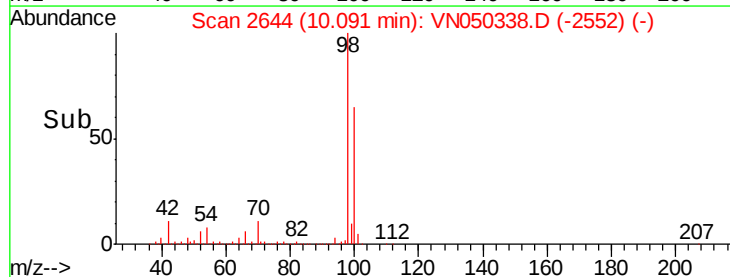
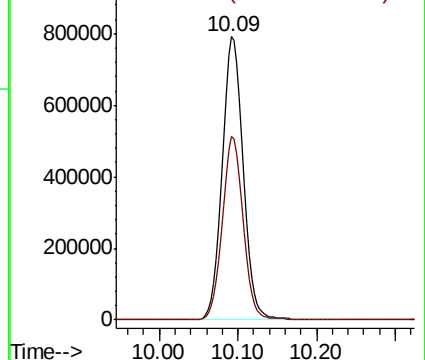
98 100

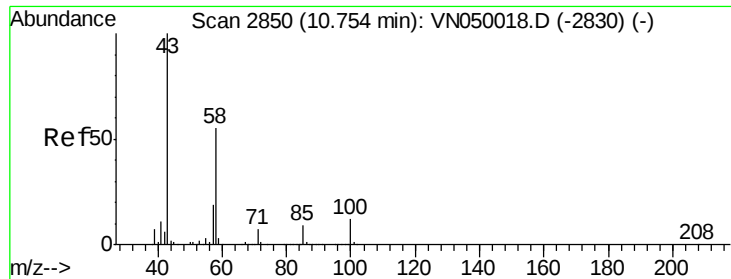
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 7.83 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050338.D

Acq: 4 Aug 2018 2:35

Instrument :

MSVOA_N

ClientSampled :

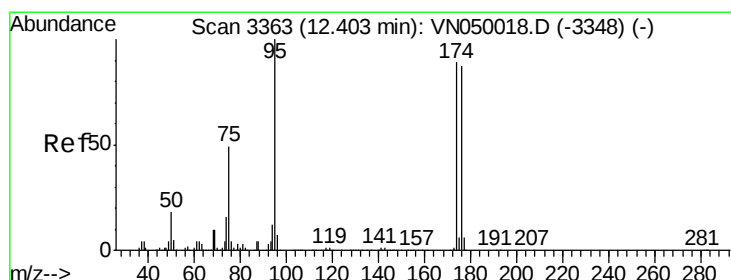
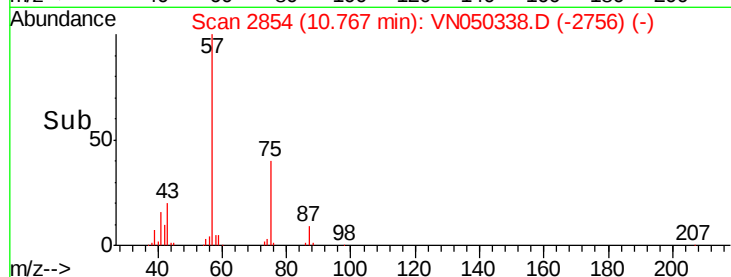
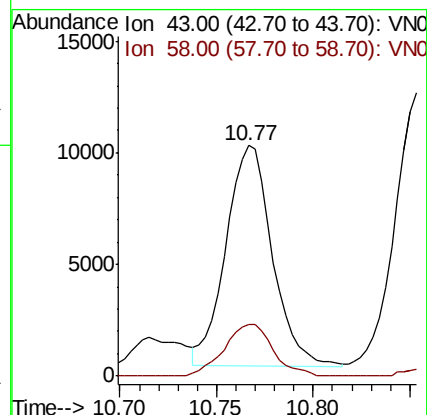
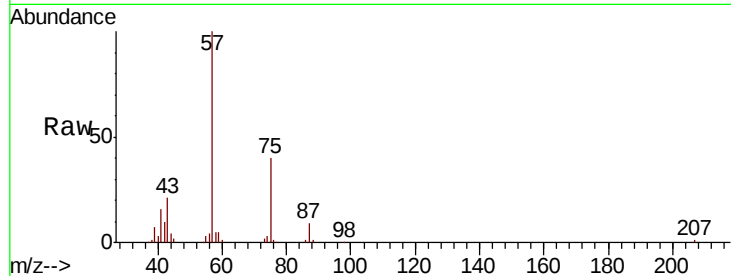
C-1

Tot Ion: 43 Resp: 16426

Ion Ratio Lower Upper

43 100

58 24.7 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 40.74 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050338.D

Acq: 4 Aug 2018 2:35

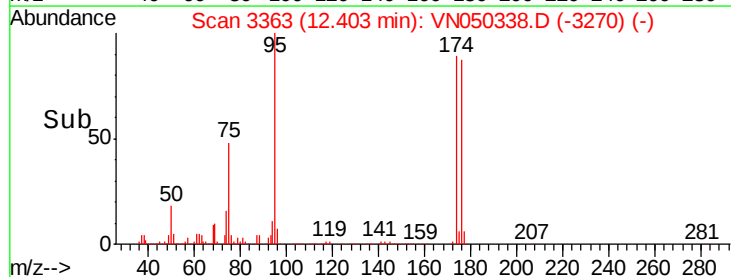
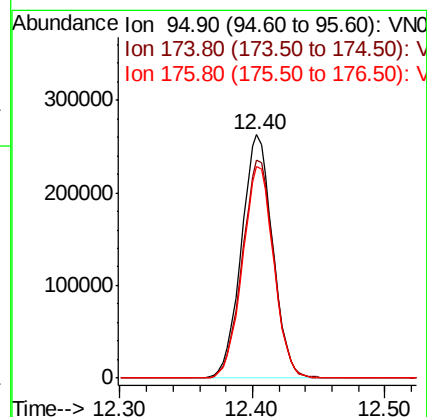
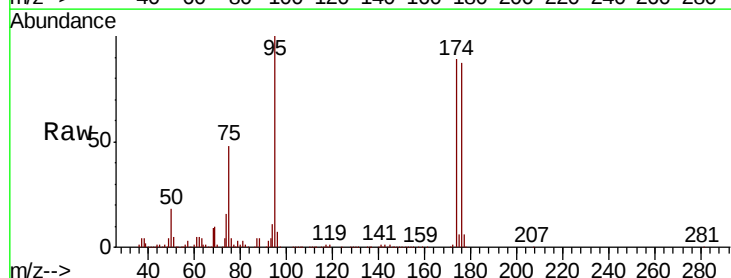
Tgt Ion: 95 Resp: 429032

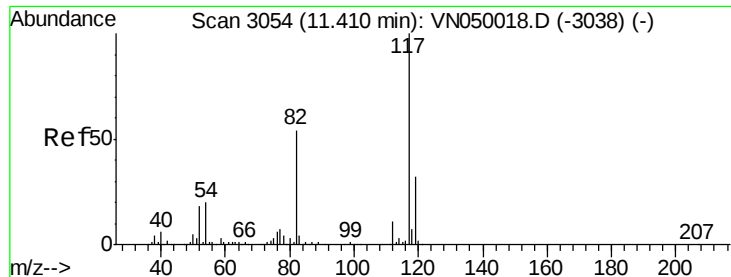
Ion Ratio Lower Upper

95 100

174 90.4 0.0 178.2

176 87.1 0.0 173.4

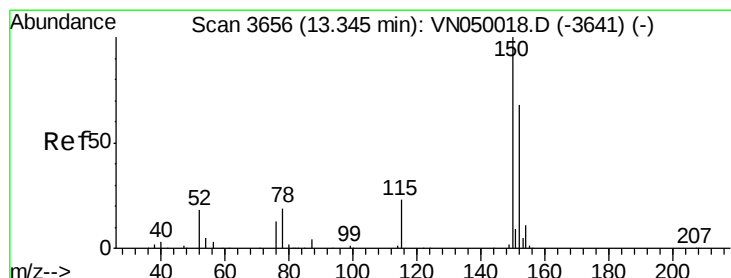
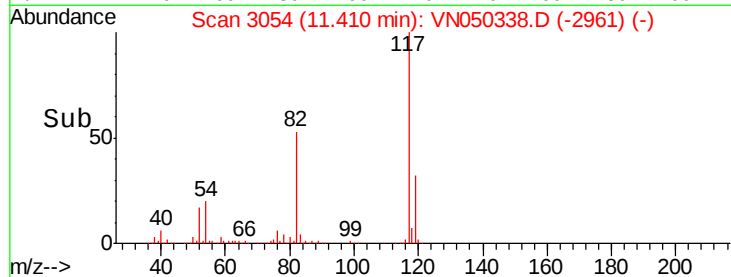
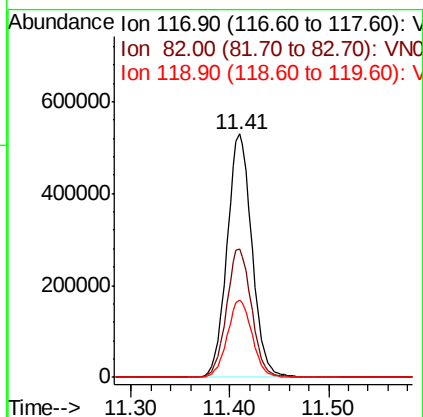
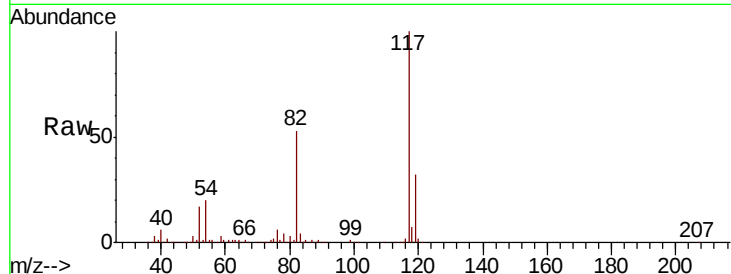




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050338.D
Acq: 4 Aug 2018 2:35

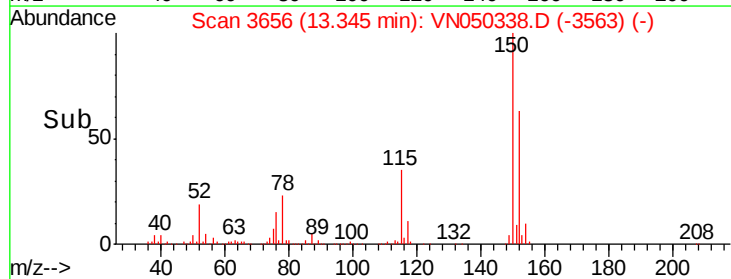
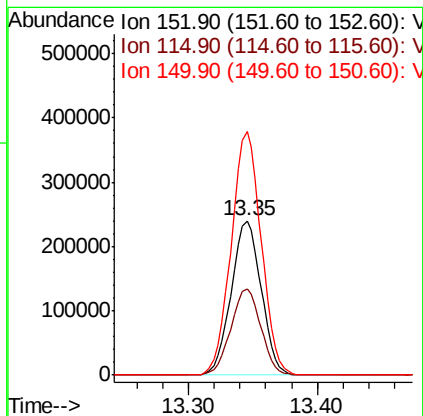
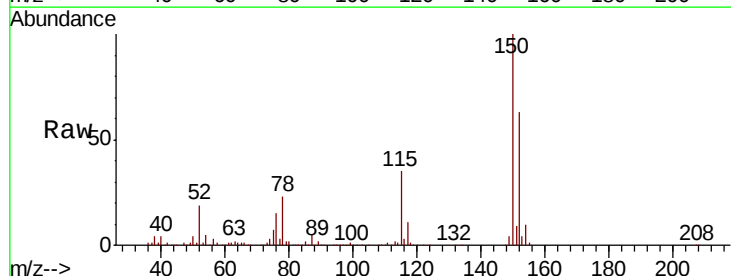
Instrument :
MSVOA_N
ClientSampleId :
C-1

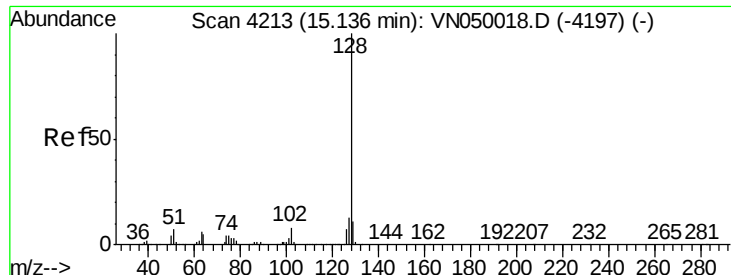
Tot Ion:117 Resp: 930909
Ion Ratio Lower Upper
117 100
82 52.8 43.7 65.5
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050338.D
Acq: 4 Aug 2018 2:35

Tgt Ion:152 Resp: 387401
Ion Ratio Lower Upper
152 100
115 56.0 27.8 83.3
150 157.4 0.0 348.6





#95
Naphthalene
Concen: 5.91 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050338.D
Acq: 4 Aug 2018 2:35

Instrument :
MSVOA_N
ClientSampleId :
C-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.4	15.6
129	11.9	8.8	13.2

