

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050340.D
 Acq On : 4 Aug 2018 3:25
 Operator : MD\SY
 Sample : J4310-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-3

Quant Time: Aug 04 05:52:23 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

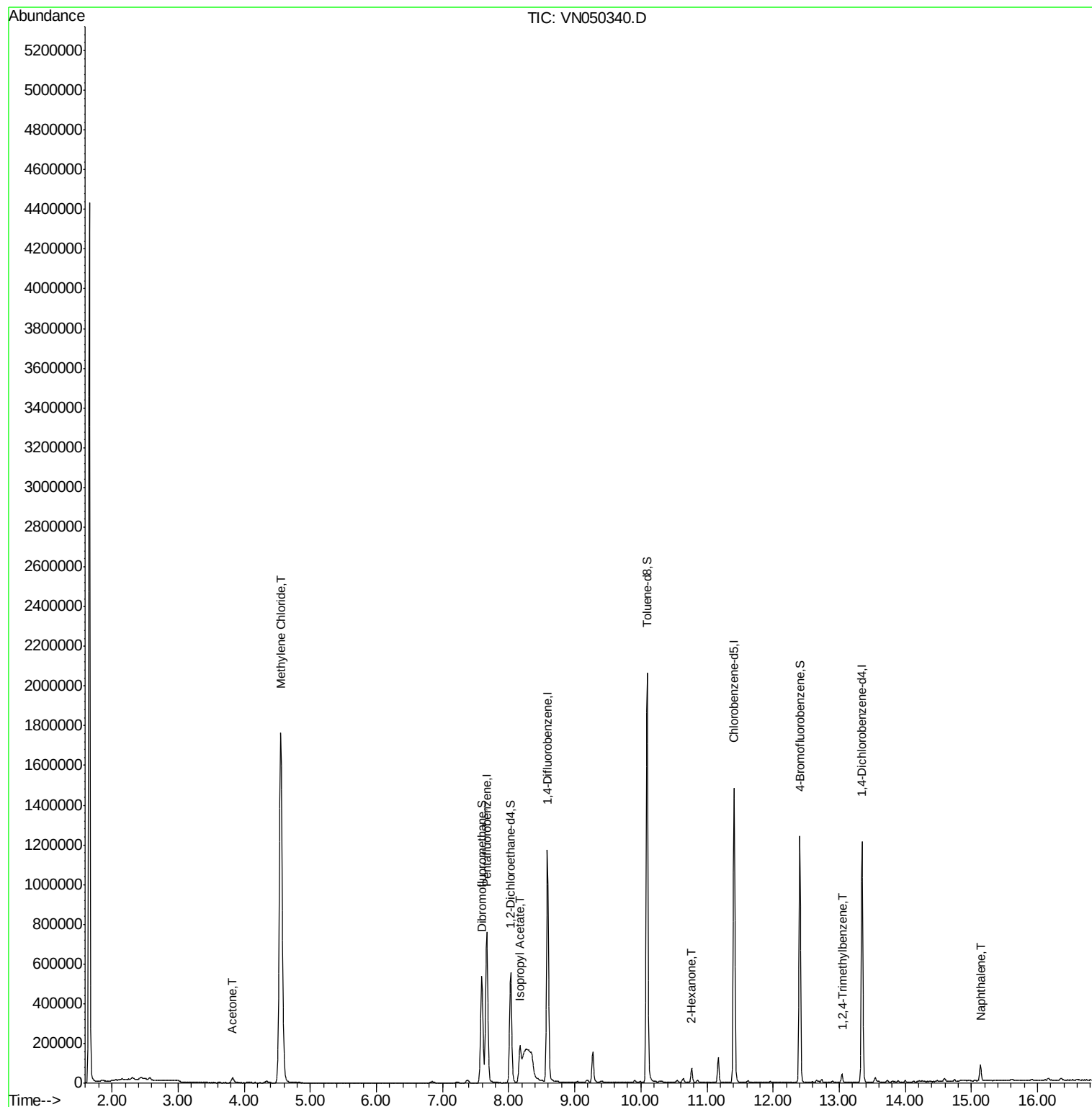
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	659955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1092884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	914452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	341446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	462566	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.59	113	411592	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
50) Toluene-d8	10.09	98	1483572	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
62) 4-Bromofluorobenzene	12.40	95	407488	37.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.44%	
Target Compounds						
16) Acetone	3.82	43	43323	15.91	ug/l	99
20) Methylene Chloride	4.55	84	1395681	174.07	ug/l	100
43) Isopropyl Acetate	8.17	43	228504	13.29	ug/l #	92
59) 2-Hexanone	10.77	43	9906	6.74	ug/l	64
84) 1,2,4-Trimethylbenzene	13.04	105	22606	1.08	ug/l	97
95) Naphthalene	15.14	128	67916	8.39	ug/l	99

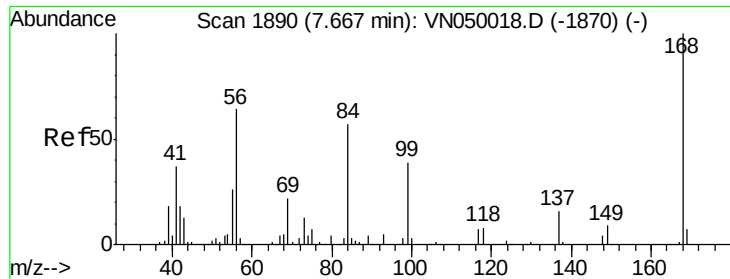
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050340.D

Acq: 4 Aug 2018 3:25

Instrument :

MSVOA_N

ClientSampled :

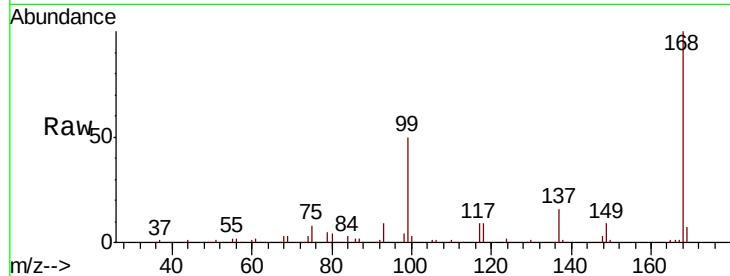
C-3

Tot Ion:168 Resp: 659955

Ion Ratio Lower Upper

168 100

99 50.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

300000

250000

200000

150000

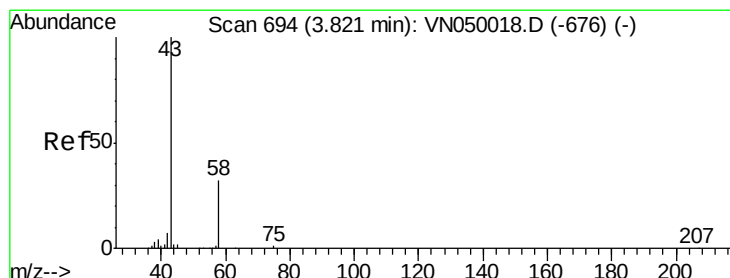
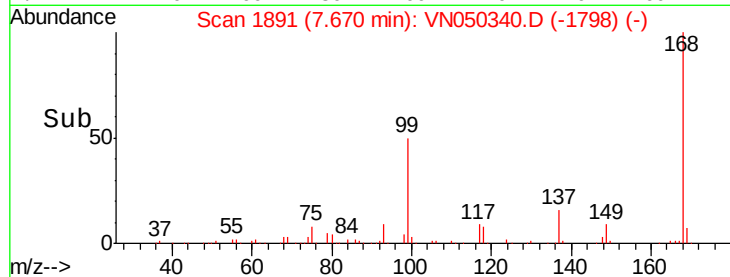
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 15.91 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050340.D

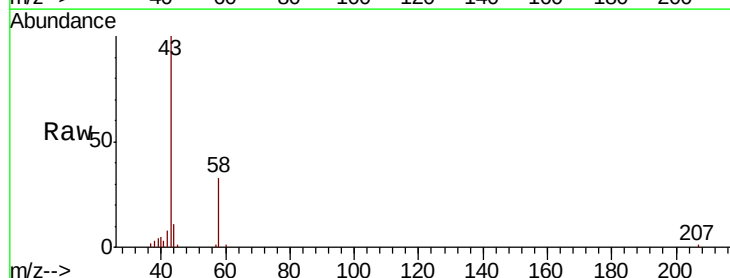
Acq: 4 Aug 2018 3:25

Tgt Ion: 43 Resp: 43323

Ion Ratio Lower Upper

43 100

58 32.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.82

15000

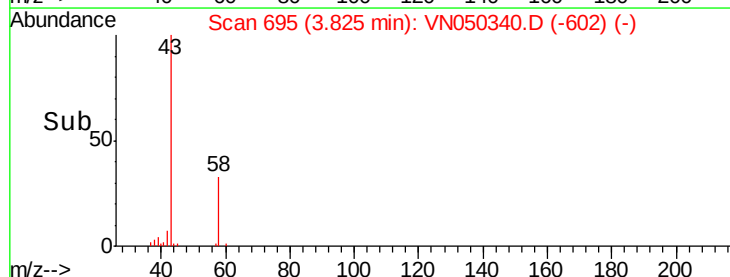
10000

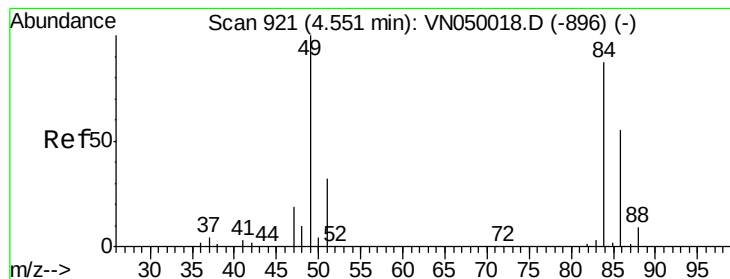
5000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 174.07 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

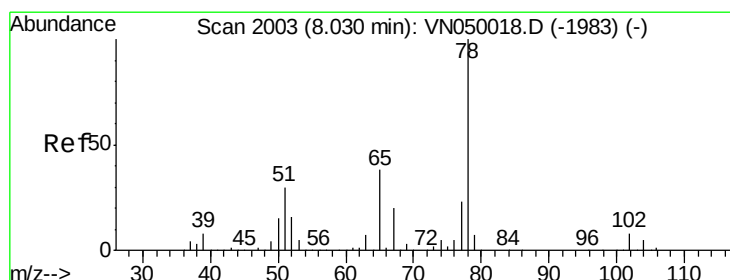
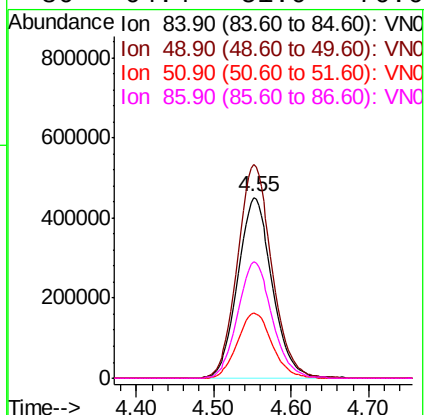
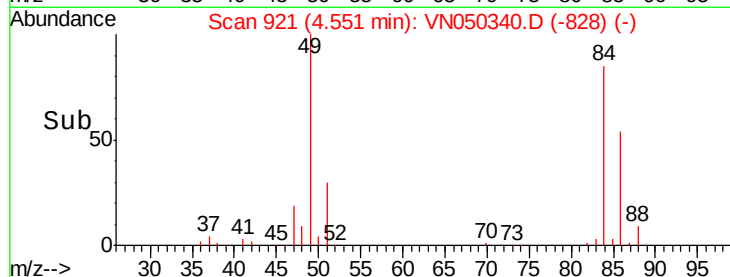
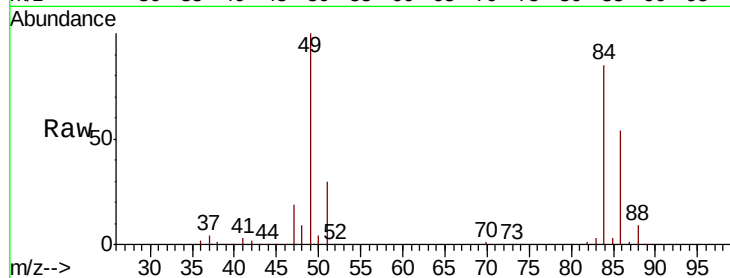
Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

Instrument :
MSVOA_N
ClientSampled :
C-3

Tot Ion: 84 Resp: 1395681

Ion	Ratio	Lower	Upper
84	100		
49	118.3	94.8	142.2
51	36.0	28.3	42.5
86	64.4	51.0	76.6



#33

1,2-Dichloroethane-d4

Concen: 50.24 ug/l

RT: 8.03 min Scan# 2003

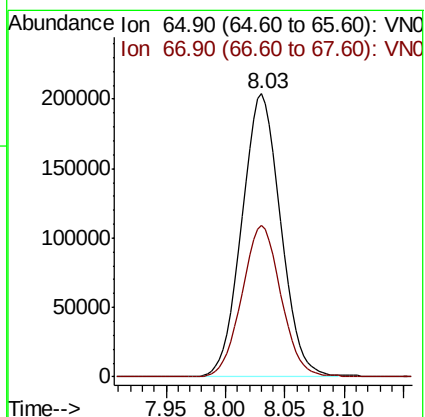
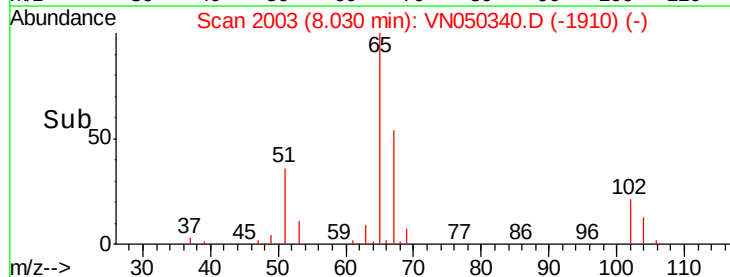
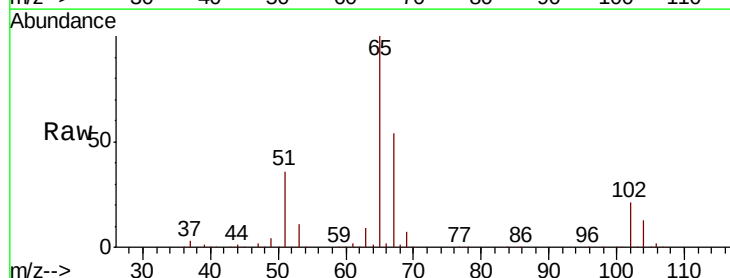
Delta R.T. 0.00 min

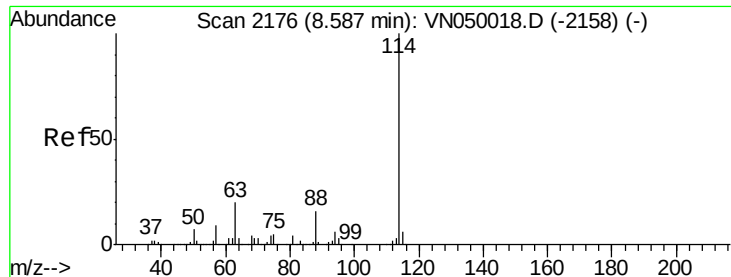
Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

Tgt Ion: 65 Resp: 462566

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	108.4

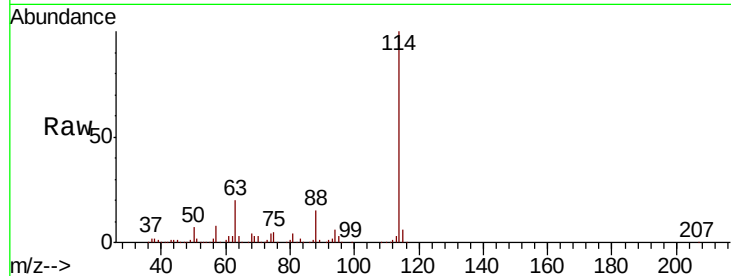




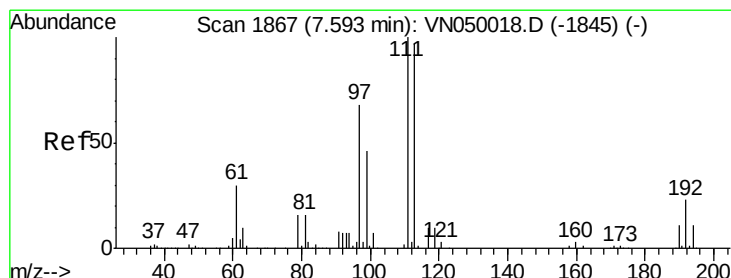
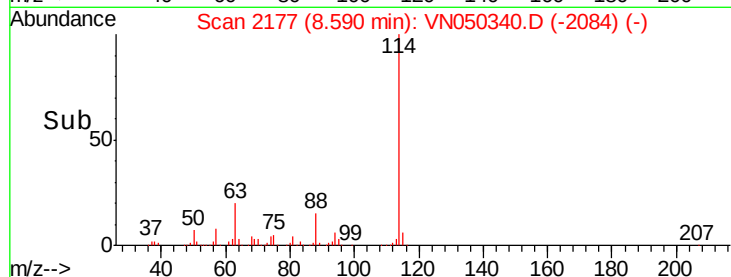
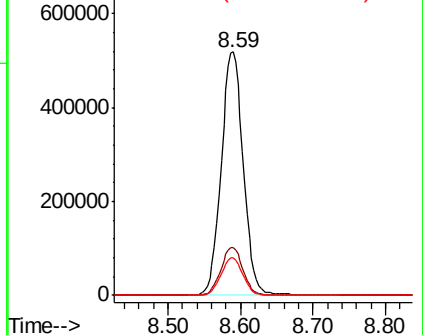
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050340.D
 Acq: 4 Aug 2018 3:25

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion:114 Resp: 1092884
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.3 0.0 31.2

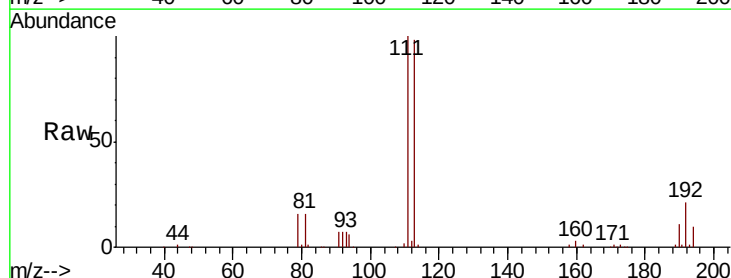


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

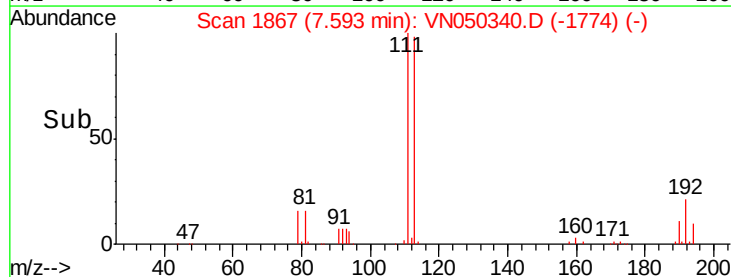
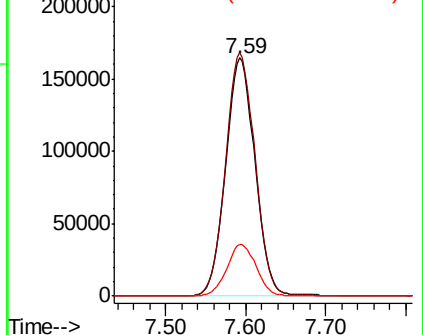


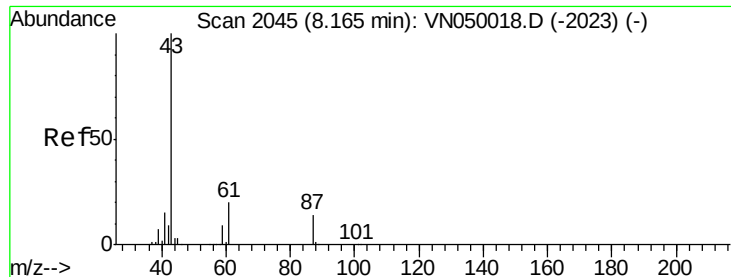
#35
 Dibromofluoromethane
 Concen: 46.13 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050340.D
 Acq: 4 Aug 2018 3:25

Tgt Ion:113 Resp: 411592
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.7 121.1
 192 21.7 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: 13.29 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

Instrument :

MSVOA_N

ClientSampled :

C-3

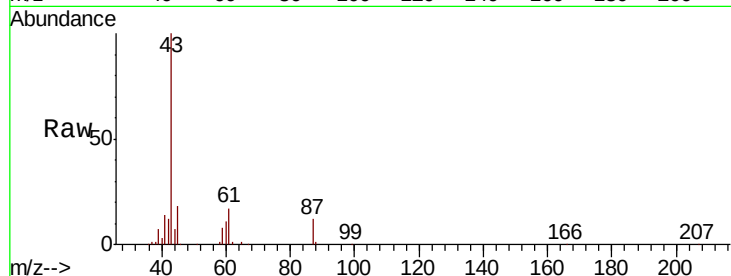
Tot Ion: 43 Resp: 228504

Ion Ratio Lower Upper

43 100

61 15.7 15.8 23.6#

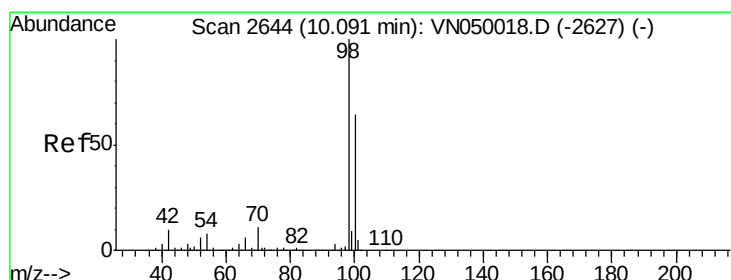
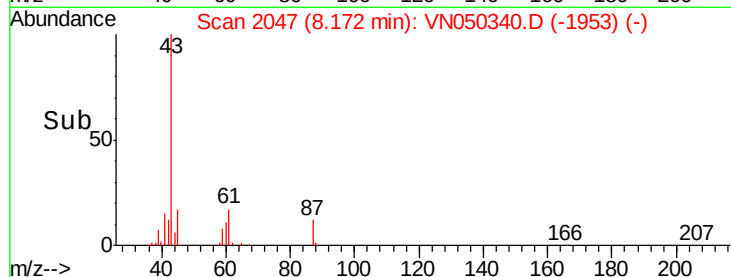
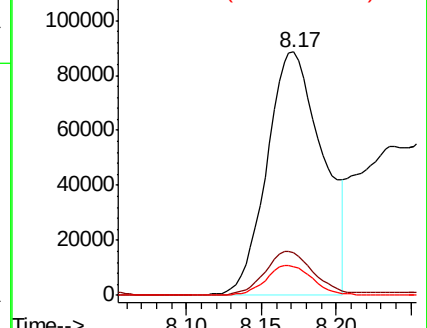
87 10.4 10.3 15.5



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: 45.22 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050340.D

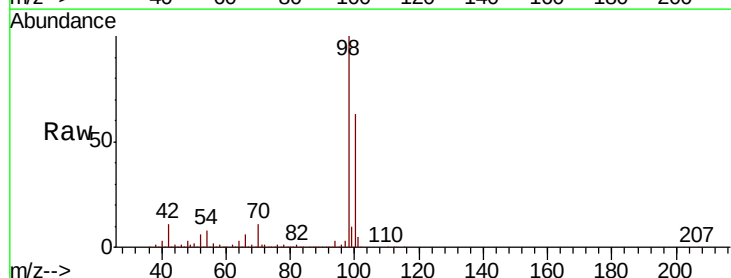
Acq: 4 Aug 2018 3:25

Tgt Ion: 98 Resp: 1483572

Ion Ratio Lower Upper

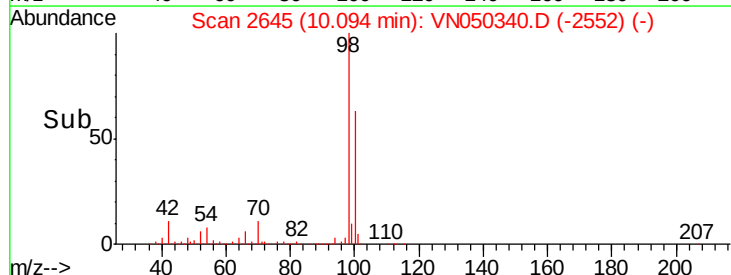
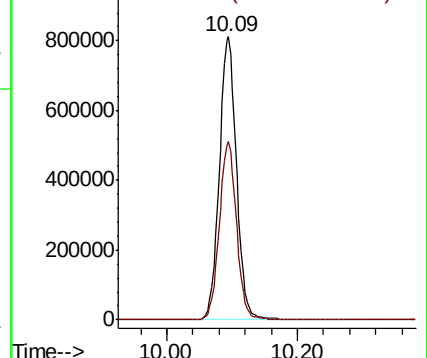
98 100

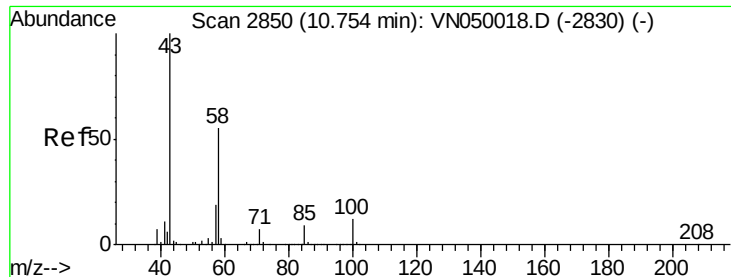
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

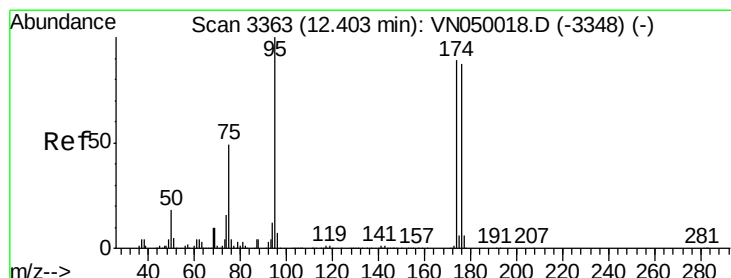
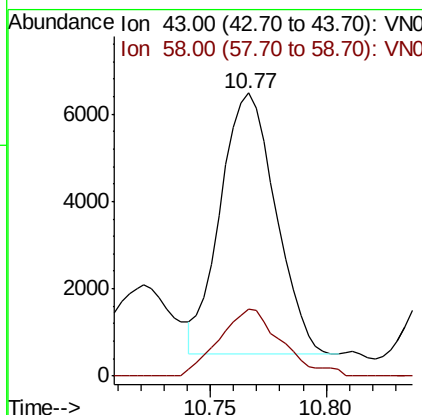
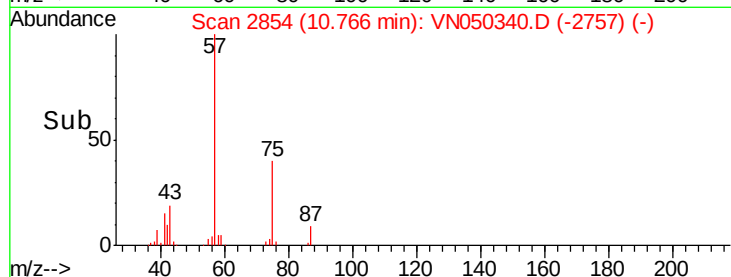
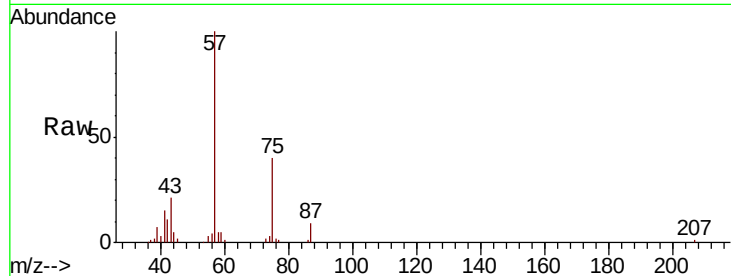




#59
2-Hexanone
Concen: 6.74 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

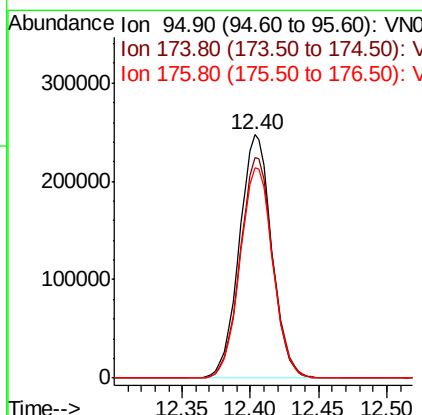
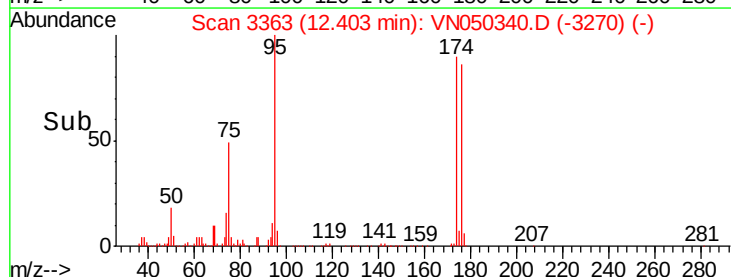
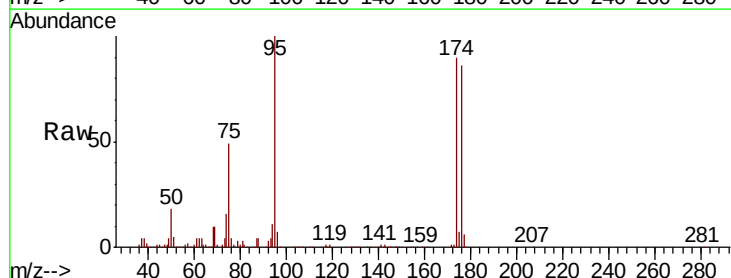
Instrument :
MSVOA_N
ClientSampled :
C-3

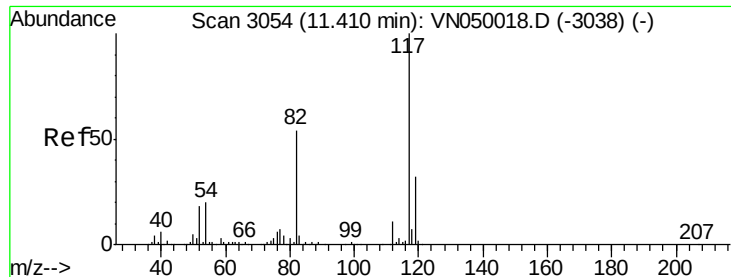
Tot Ion: 43 Resp: 9906
Ion Ratio Lower Upper
43 100
58 29.0 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 37.72 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

Tgt Ion: 95 Resp: 407488
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.2
176 87.6 0.0 173.4

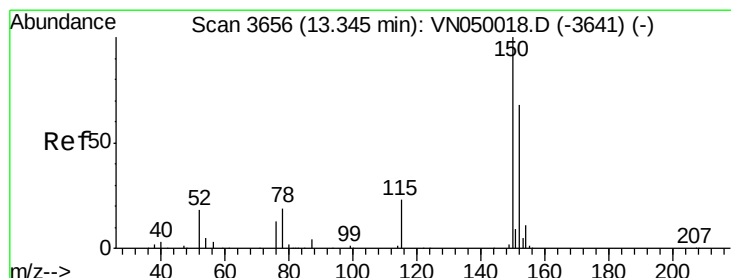
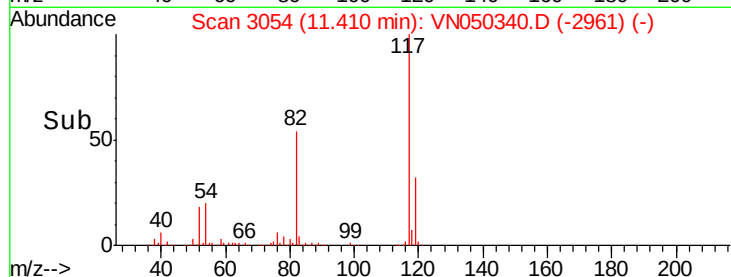
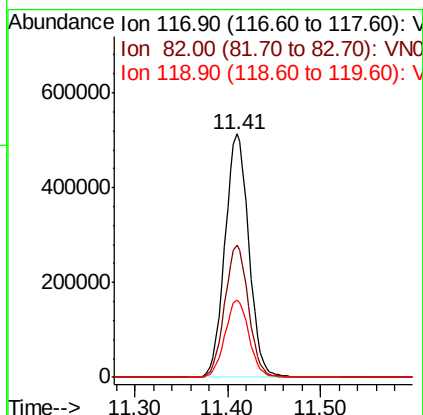
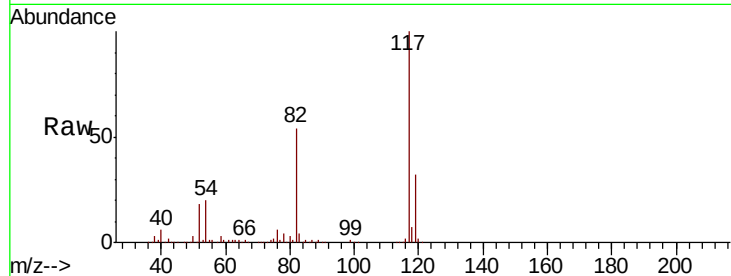




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

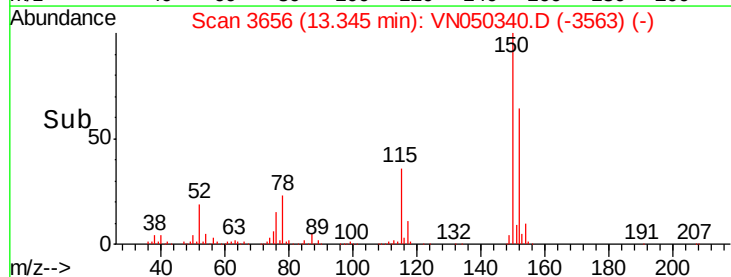
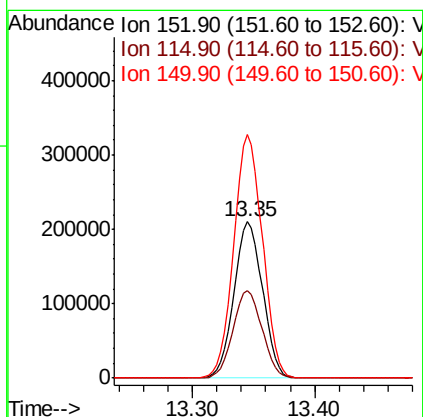
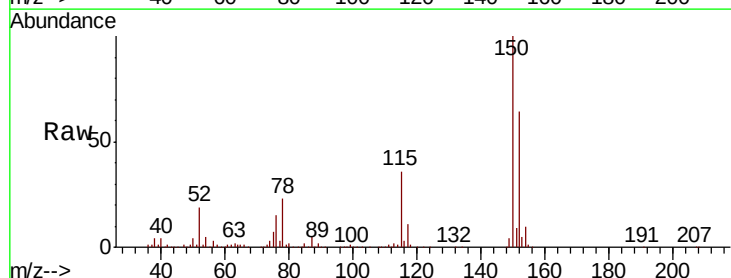
Instrument :
MSVOA_N
ClientSampleId :
C-3

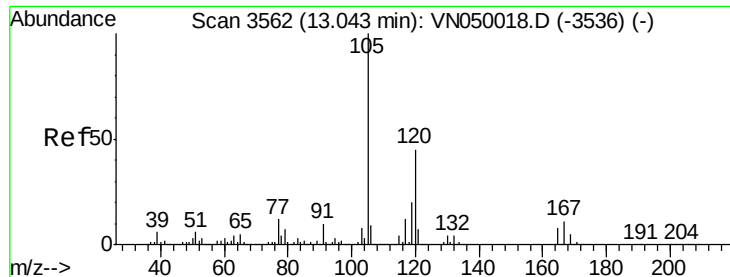
Tot Ion:117 Resp: 914452
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

Tgt Ion:152 Resp: 341446
Ion Ratio Lower Upper
152 100
115 56.8 27.8 83.3
150 156.4 0.0 348.6

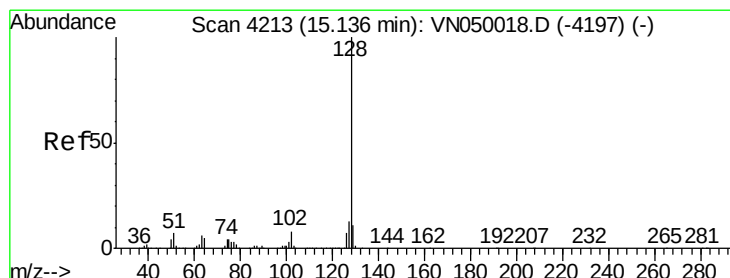
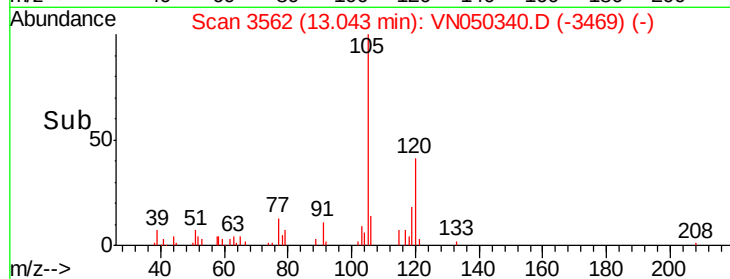
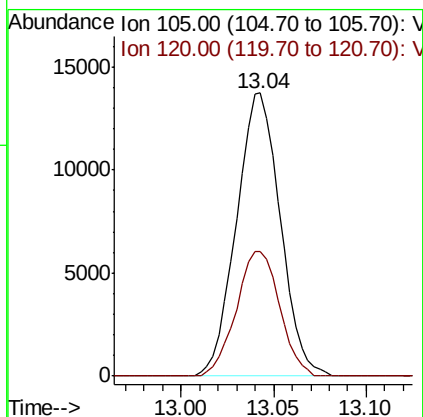
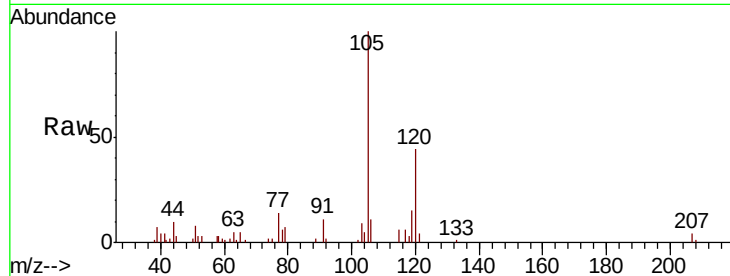




#84
 1,2,4-Trimethylbenzene
 Concen: 1.08 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050340.D
 Acq: 4 Aug 2018 3:25

Instrument :
 MSVOA_N
 ClientSampled :
 C-3

Tot Ion:105 Resp: 22606
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.9 68.7



#95
 Naphthalene
 Concen: 8.39 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050340.D
 Acq: 4 Aug 2018 3:25

Tgt Ion:128 Resp: 67916
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.4 15.6
 129 10.5 8.8 13.2

