

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050351.D
 Acq On : 4 Aug 2018 7:58
 Operator : MD\SY
 Sample : J4313-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-14

Quant Time: Aug 06 01:04:20 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	654364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1079677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	928544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	388447	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	462838	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	7.59	113	405053	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
50) Toluene-d8	10.09	98	1479135	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
62) 4-Bromofluorobenzene	12.40	95	435789	40.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.68%	

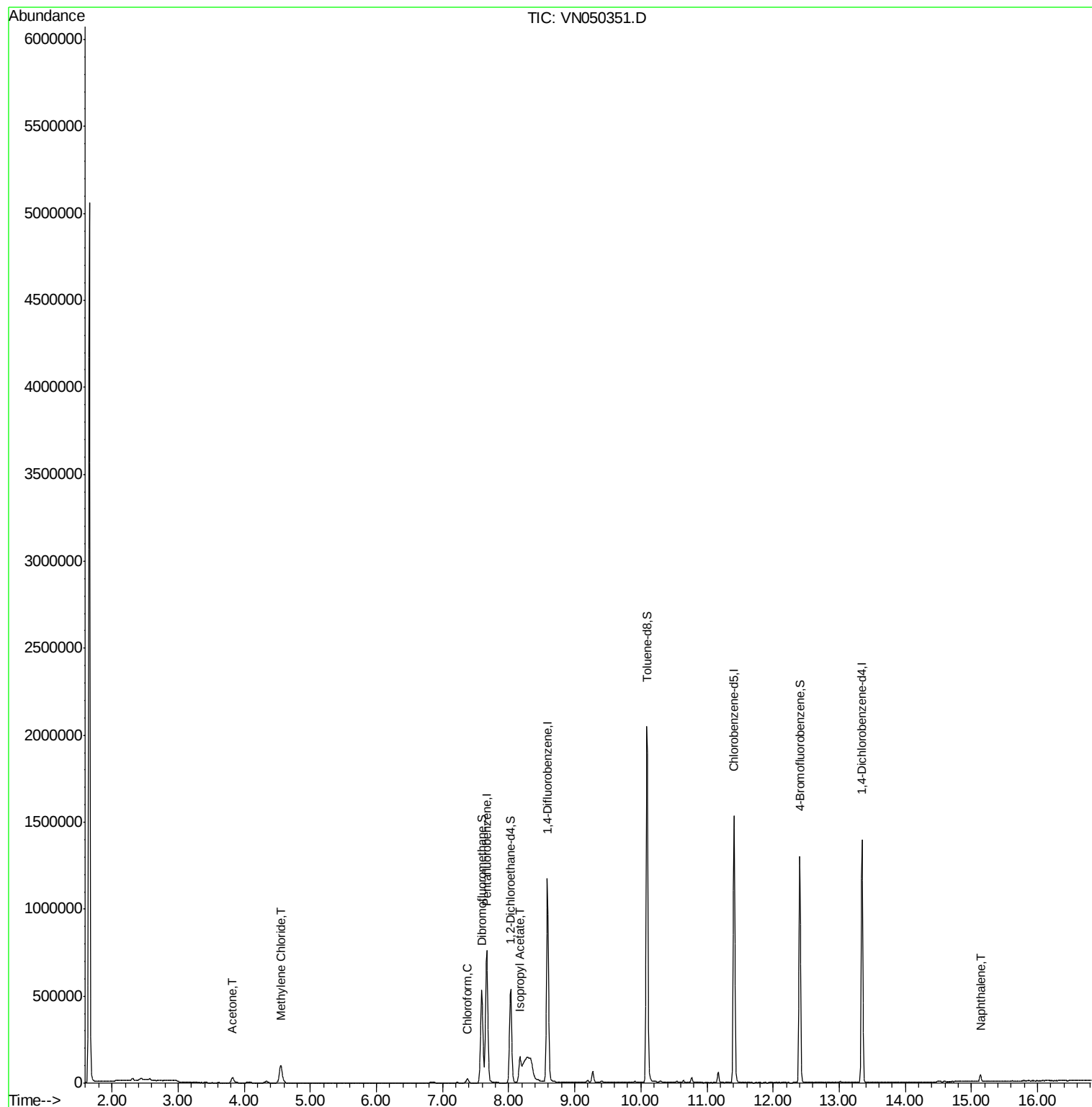
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	54428	21.34	ug/l	98
20) Methylene Chloride	4.55	84	79899	8.84	ug/l	99
30) Chloroform	7.37	83	25370	1.64	ug/l	91
43) Isopropyl Acetate	8.17	43	184493	10.65	ug/l	94
95) Naphthalene	15.14	128	32756	6.10	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050351.D

Acq: 4 Aug 2018 7:58

Instrument :

MSVOA_N

ClientSampled :

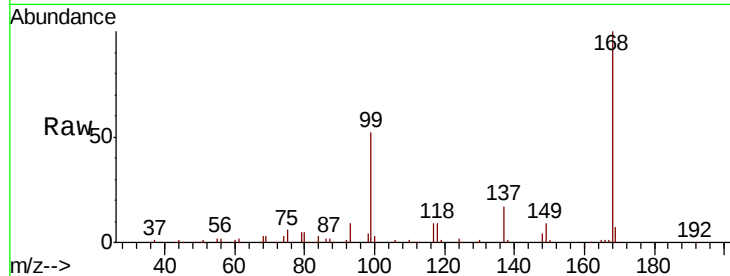
C-14

Tot Ion:168 Resp: 654364

Ion Ratio Lower Upper

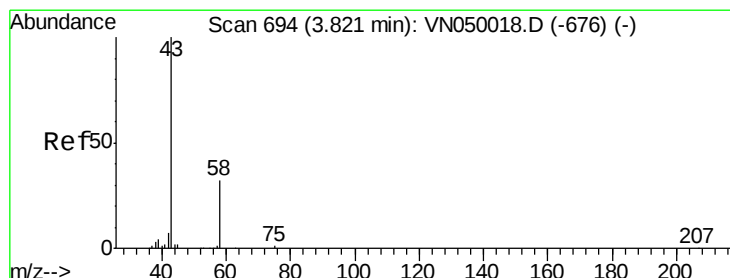
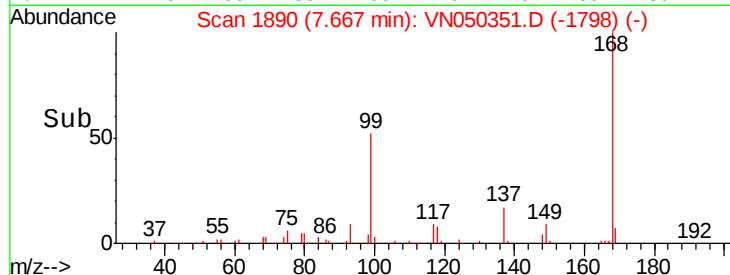
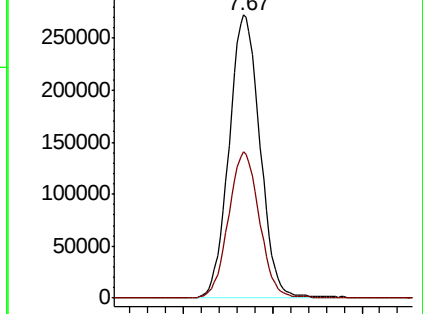
168 100

99 51.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 21.34 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050351.D

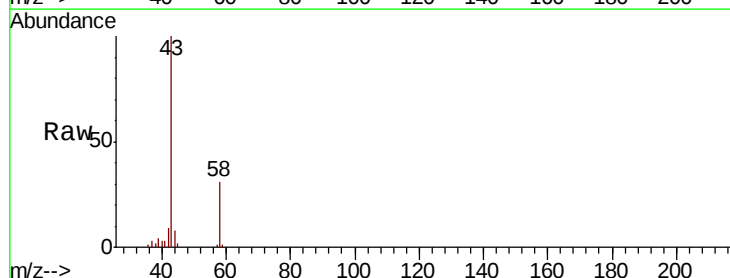
Acq: 4 Aug 2018 7:58

Tgt Ion: 43 Resp: 54428

Ion Ratio Lower Upper

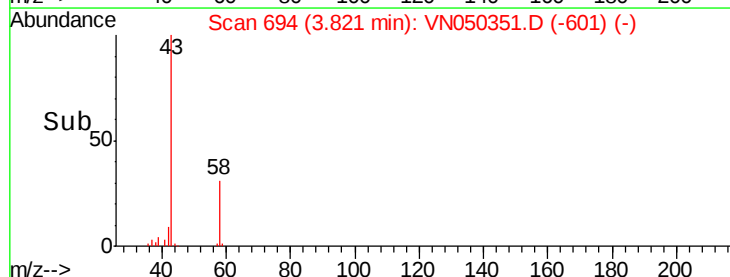
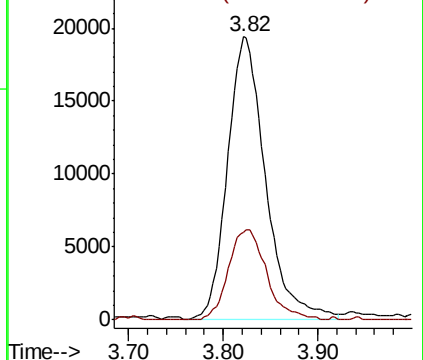
43 100

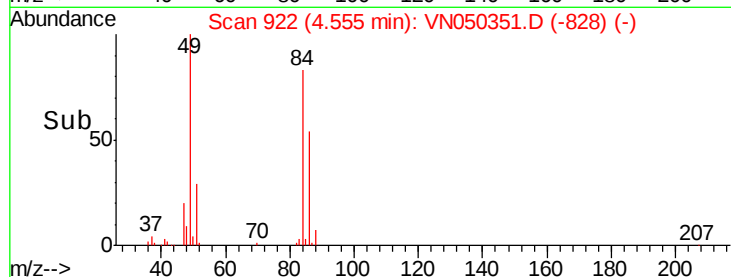
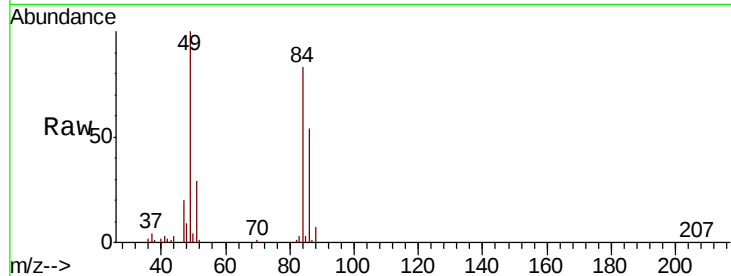
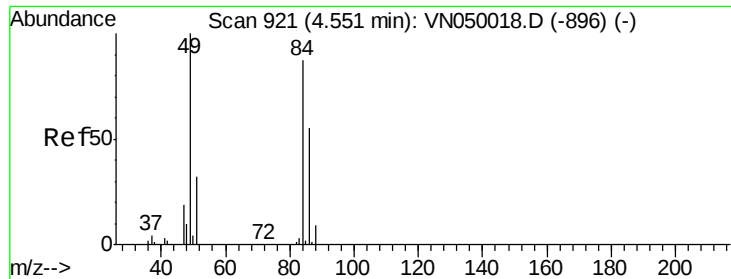
58 31.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

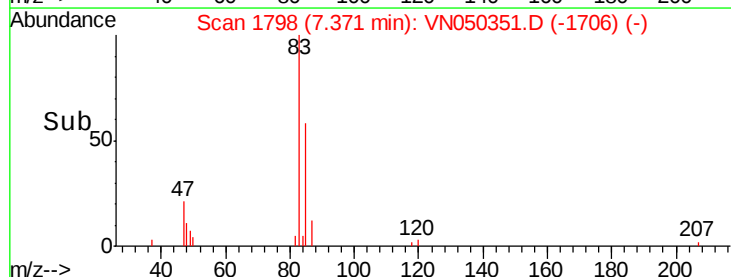
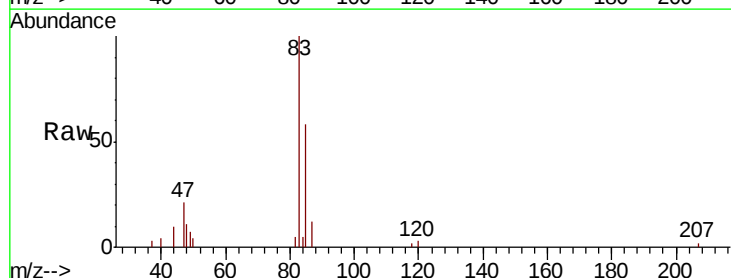
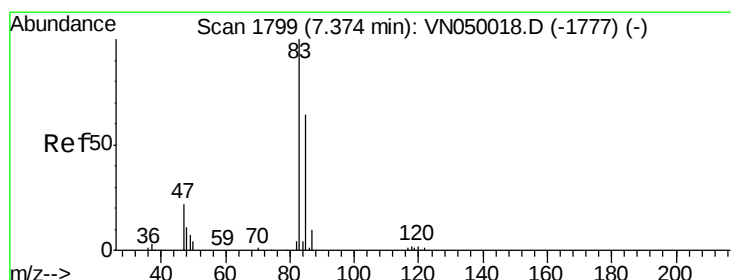
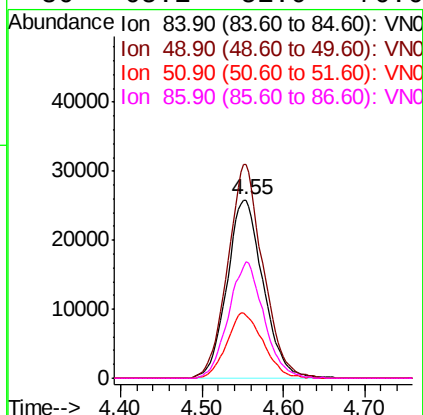




#20
Methvlene Chloride
Concen: 8.84 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050351.D
Acq: 4 Aug 2018 7:58

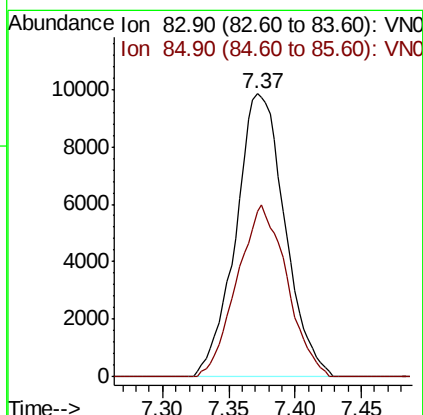
Instrument :
MSVOA_N
ClientSampled :
C-14

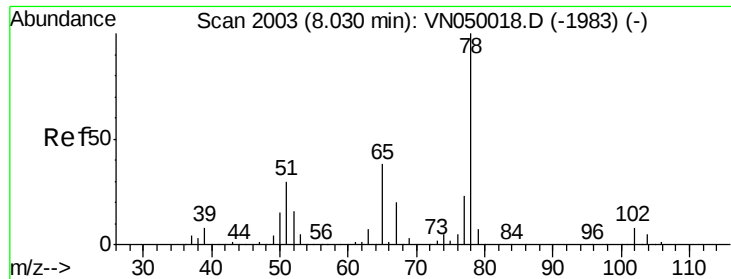
Tot Ion:	84	Resp:	79899
Ion	Ratio	Lower	Upper
84	100		
49	119.9	94.8	142.2
51	35.3	28.3	42.5
86	65.1	51.0	76.6



#30
Chloroform
Concen: 1.64 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050351.D
Acq: 4 Aug 2018 7:58

Tgt Ion:	83	Resp:	25370
Ion	Ratio	Lower	Upper
83	100		
85	58.4	52.5	78.7





#33

1,2-Dichloroethane-d4

Concen: 50.69 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050351.D

Acq: 4 Aug 2018 7:58

Instrument :

MSVOA_N

ClientSampleId :

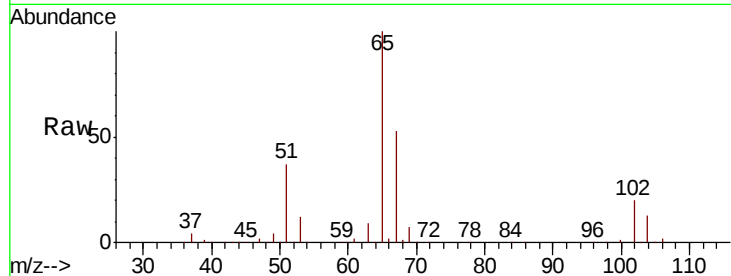
C-14

Tot Ion: 65 Resp: 462838

Ion Ratio Lower Upper

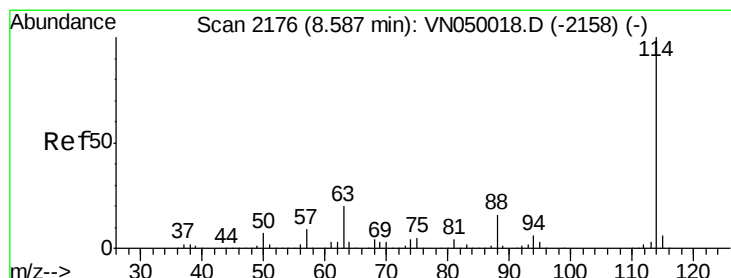
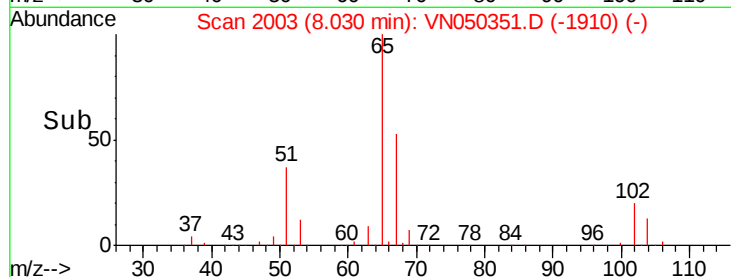
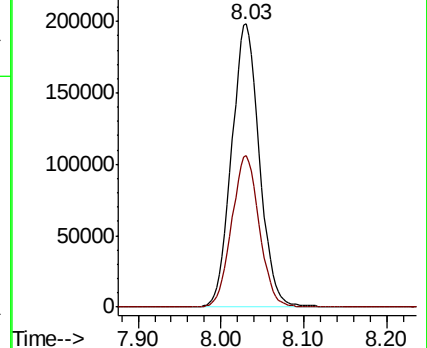
65 100

67 53.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050351.D

Acq: 4 Aug 2018 7:58

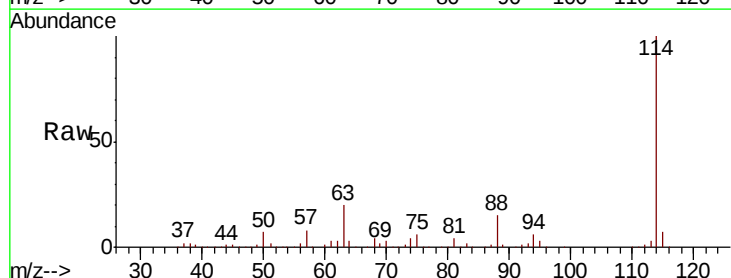
Tgt Ion: 114 Resp: 1079677

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

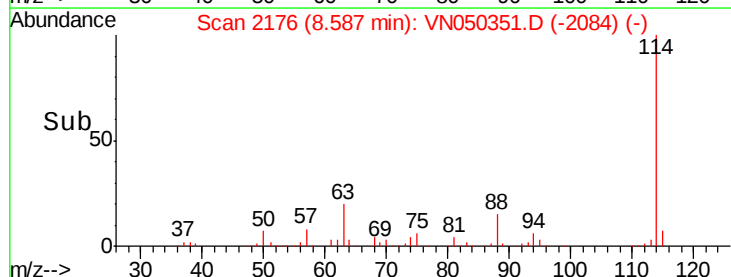
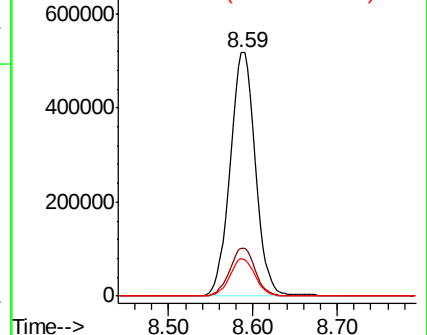
88 15.2 0.0 31.2

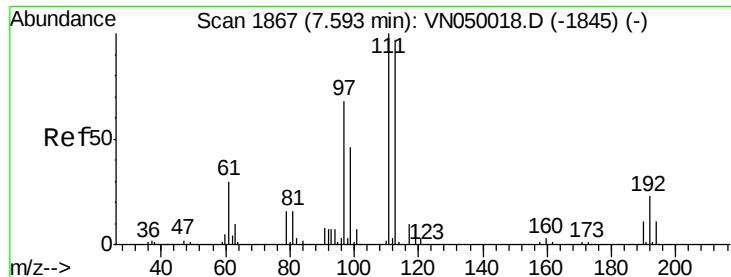


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 45.95 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050351.D

Acq: 4 Aug 2018 7:58

Instrument :

MSVOA_N

ClientSampled :

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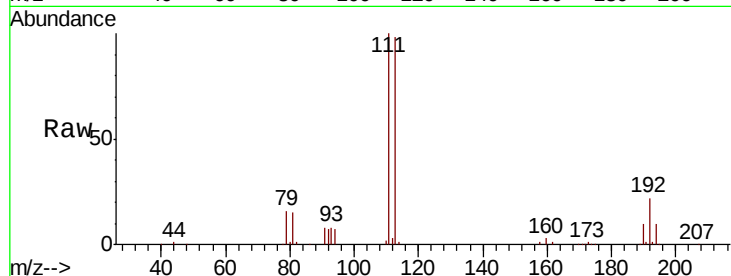
Tot Ion:113 Resp: 405053

Ion Ratio Lower Upper

113 100

111 103.0 80.7 121.1

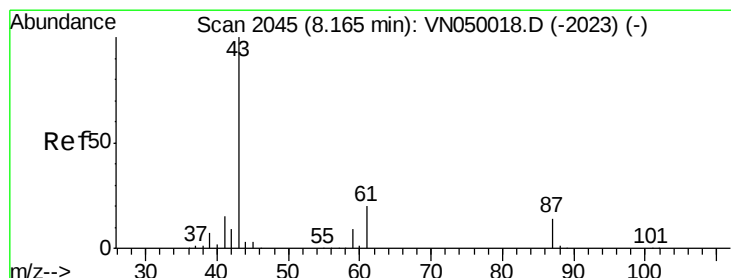
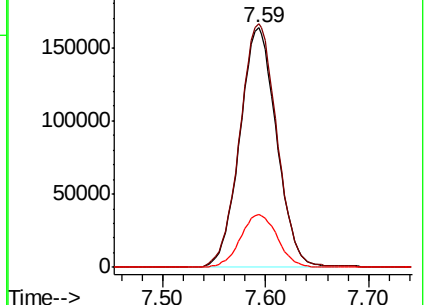
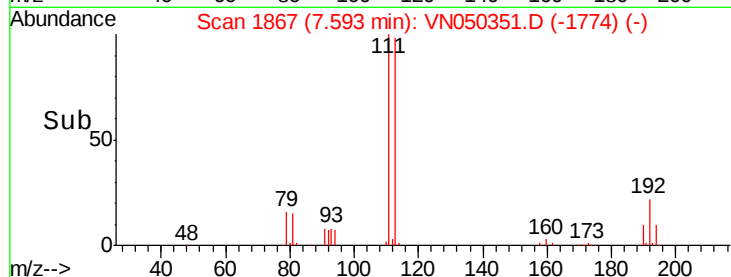
192 22.4 17.8 26.6



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: 10.65 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050351.D

Acq: 4 Aug 2018 7:58

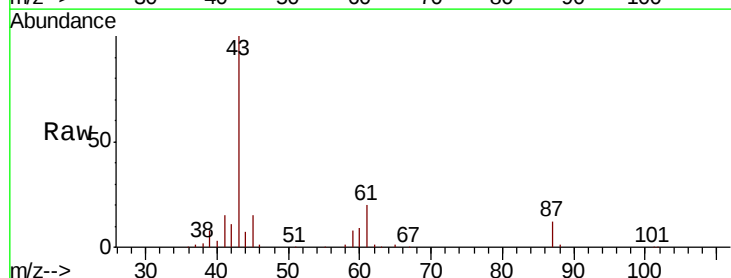
Tgt Ion: 43 Resp: 184493

Ion Ratio Lower Upper

43 100

61 16.8 15.8 23.6

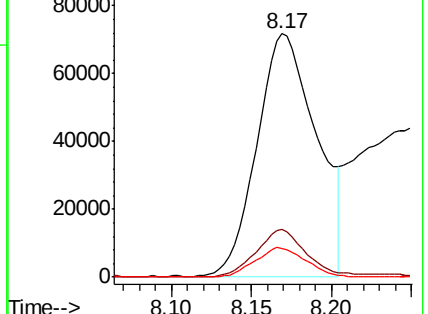
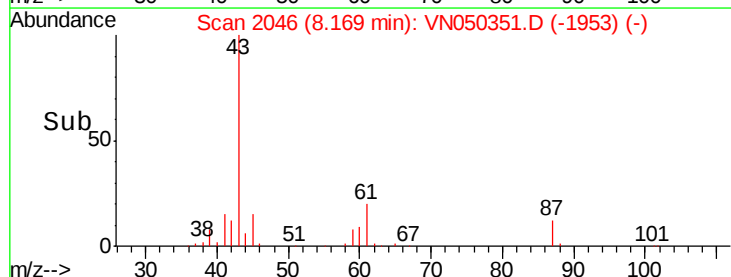
87 10.4 10.3 15.5

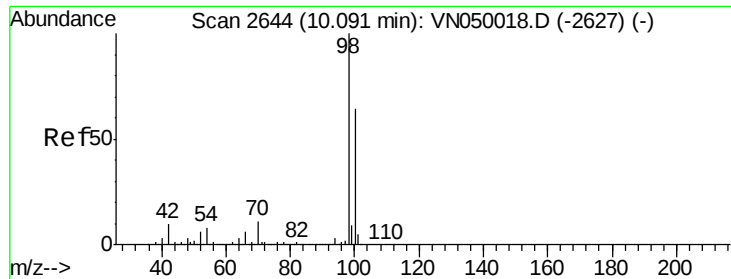


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

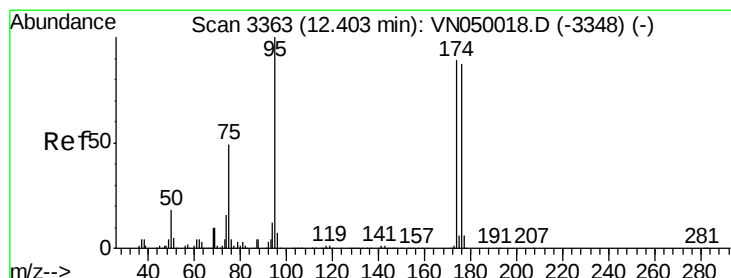
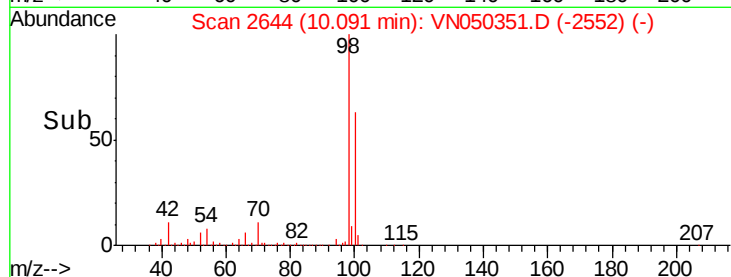
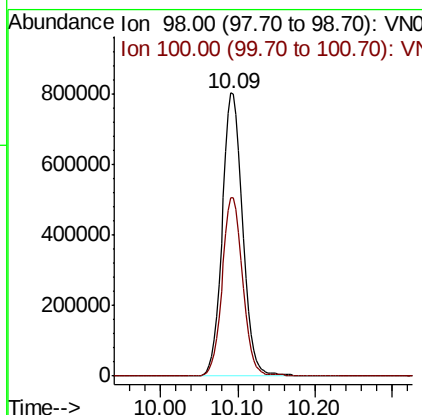
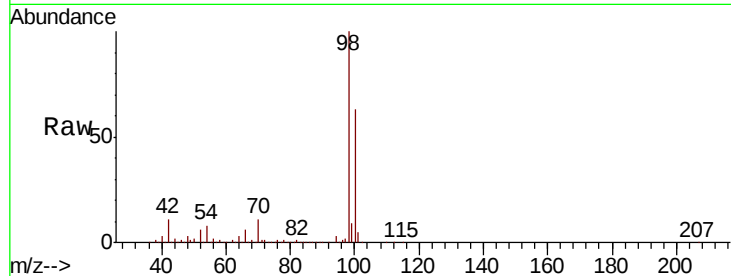




#50
Toluene-d8
Concen: 45.64 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050351.D
Acq: 4 Aug 2018 7:58

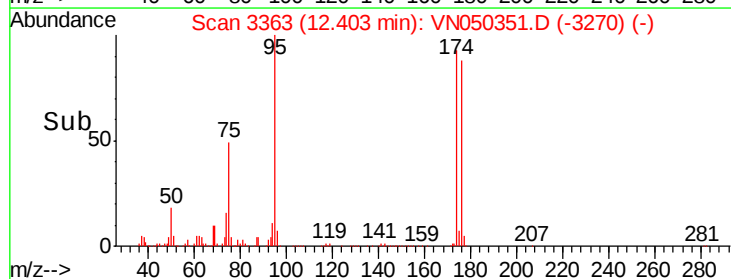
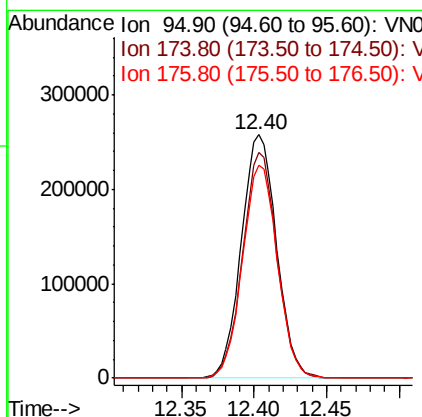
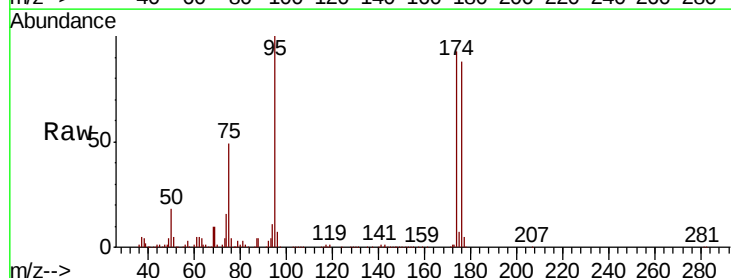
Instrument :
MSVOA_N
ClientSampled :
C-14

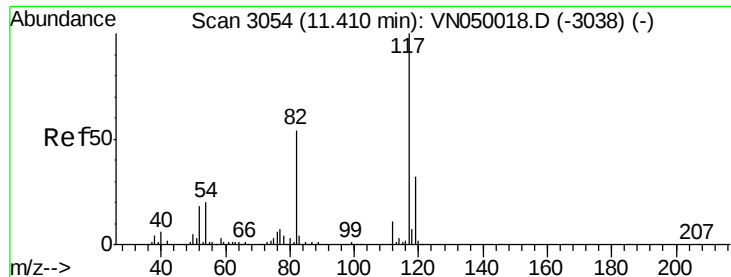
Tot Ion: 98 Resp: 1479135
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 40.84 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050351.D
Acq: 4 Aug 2018 7:58

Tgt Ion: 95 Resp: 435789
Ion Ratio Lower Upper
95 100
174 90.7 0.0 178.2
176 86.7 0.0 173.4

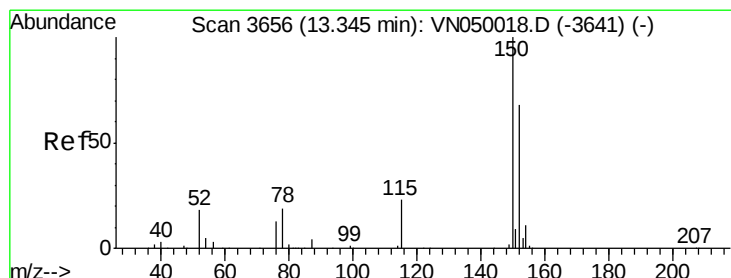
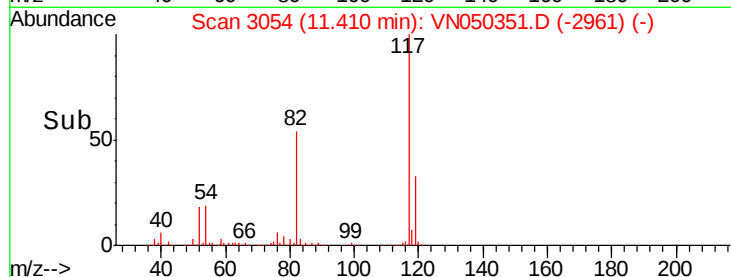
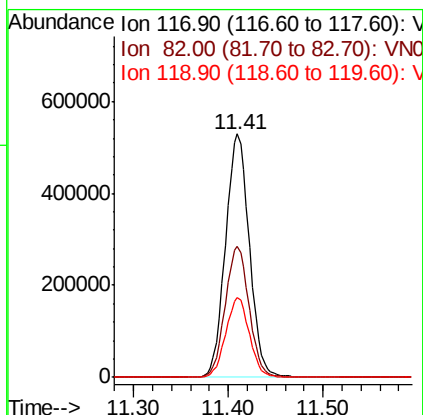
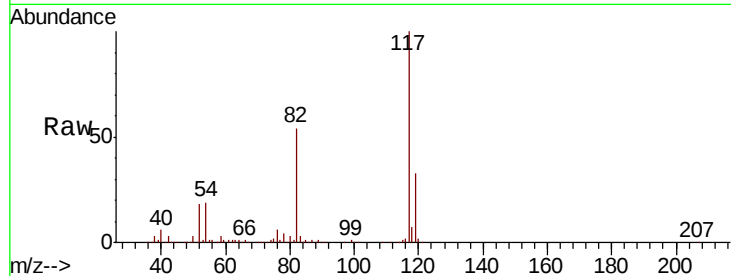




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050351.D
Acq: 4 Aug 2018 7:58

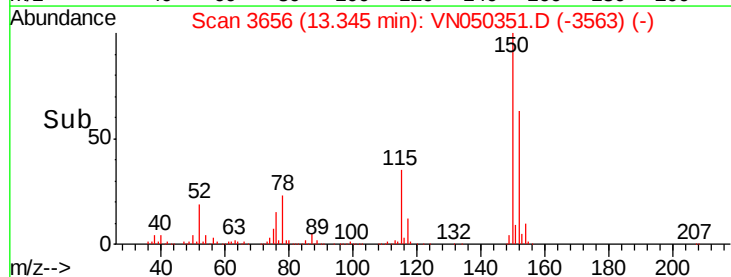
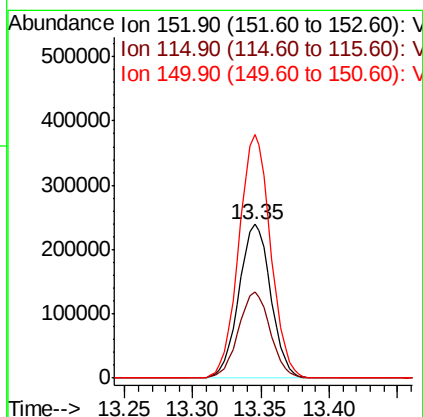
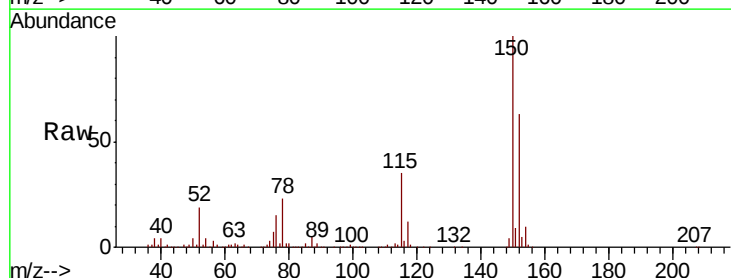
Instrument :
MSVOA_N
ClientSampleId :
C-14

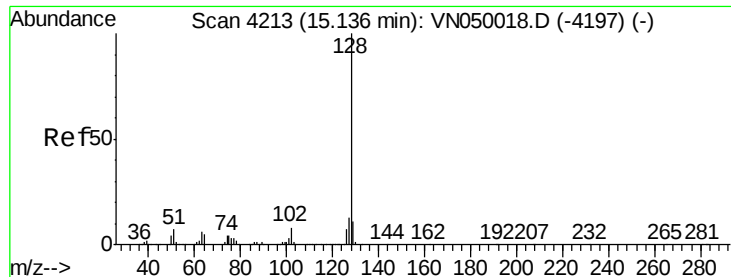
Tot Ion:117 Resp: 928544
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050351.D
Acq: 4 Aug 2018 7:58

Tgt Ion:152 Resp: 388447
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.3
150 157.3 0.0 348.6





#95

Naphthalene

Concen: 6.10 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050351.D

Acq: 4 Aug 2018 7:58

Instrument :

MSVOA_N

ClientSampleId :

C-14

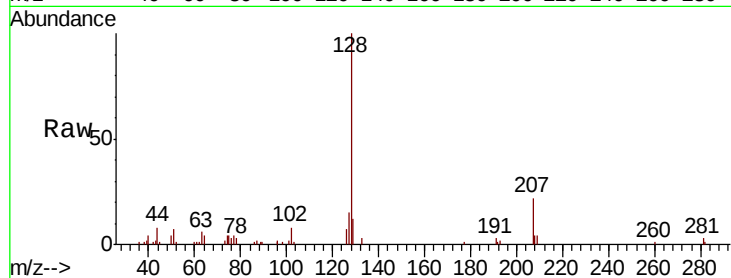
Tot Ion:128 Resp: 32756

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
 25000 Ion 127.00 (126.70 to 127.70): V
 20000 Ion 129.00 (128.70 to 129.70): V

