

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050344.D
 Acq On : 4 Aug 2018 5:04
 Operator : MD\SY
 Sample : J4313-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-7

Quant Time: Aug 04 06:39:54 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	652817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1072362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	907515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	362002	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	456688	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	405663	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	
50) Toluene-d8	10.09	98	1461943	45.42	ug/l	0.00
Spiked Amount			Recovery	=	90.84%	
62) 4-Bromofluorobenzene	12.40	95	411085	38.79	ug/l	0.00
Spiked Amount			Recovery	=	77.58%	

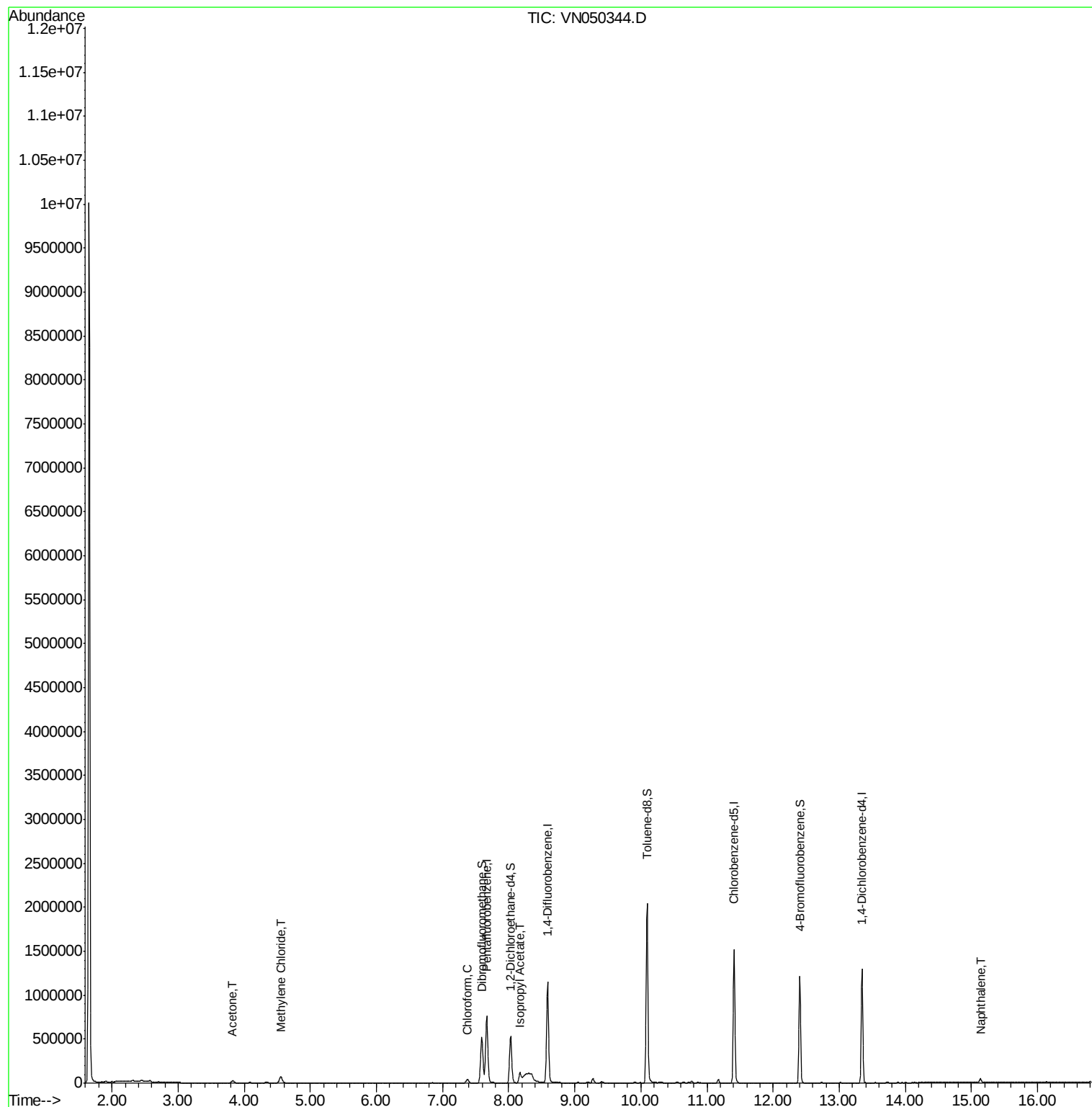
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	42963	15.96	ug/l	93
20) Methylene Chloride	4.55	84	54584	5.65	ug/l	95
30) Chloroform	7.37	83	44439	2.88	ug/l	99
43) Isopropyl Acetate	8.17	43	142814	8.04	ug/l #	92
95) Naphthalene	15.14	128	33654	6.27	ug/l	100

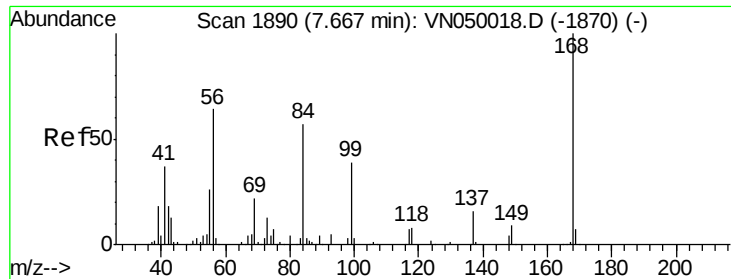
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 26 18:10:10 2018
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: VN050344.D

Acq: 4 Aug 2018 5:04

Instrument :

MSVOA_N

ClientSampled :

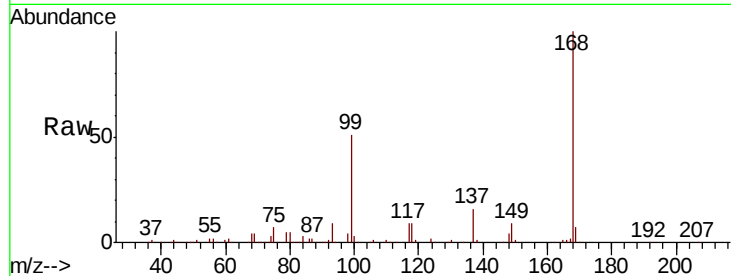
C-7

Tot Ion:168 Resp: 652817

Ion Ratio Lower Upper

168 100

99 51.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

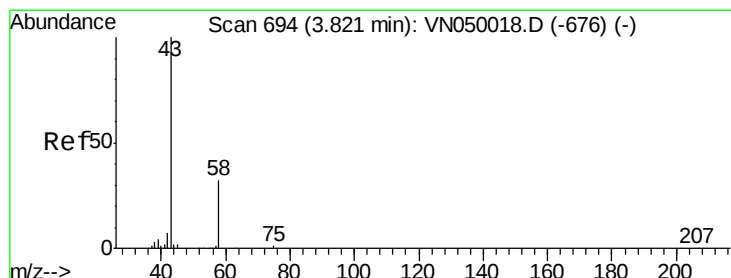
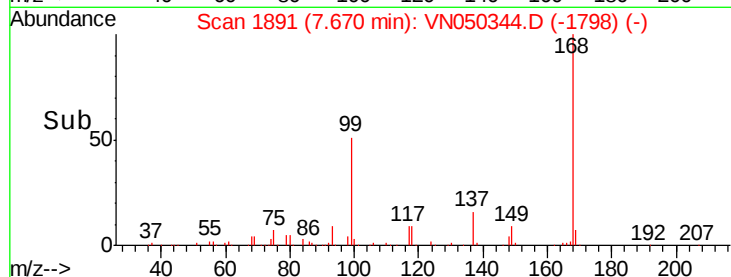
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 15.96 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050344.D

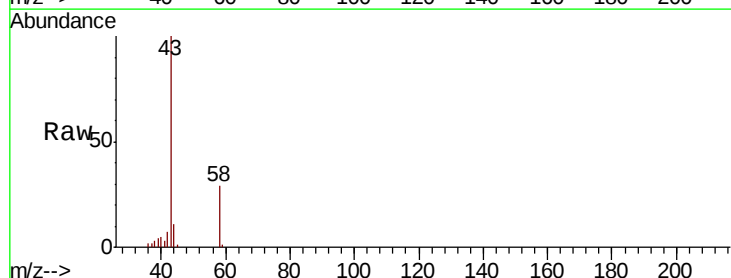
Acq: 4 Aug 2018 5:04

Tgt Ion: 43 Resp: 42963

Ion Ratio Lower Upper

43 100

58 28.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

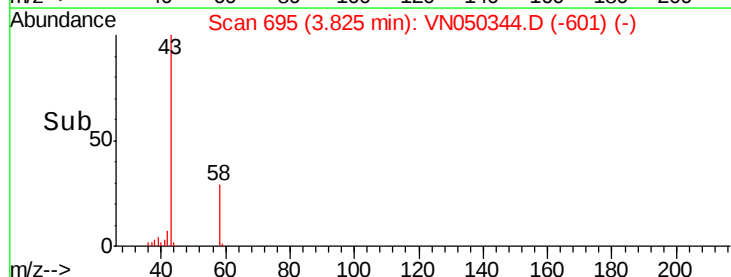
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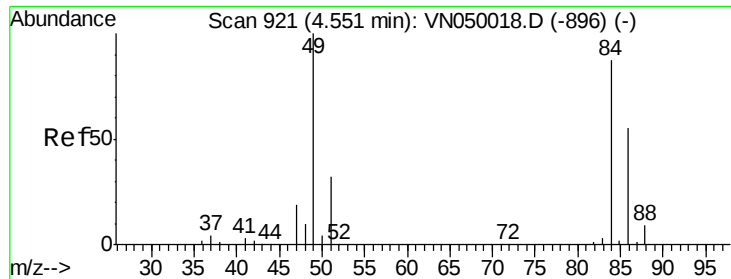
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Time-->

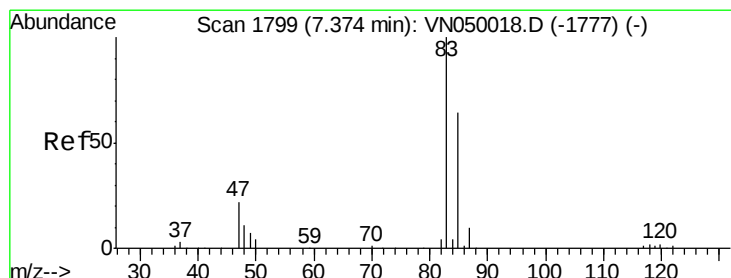
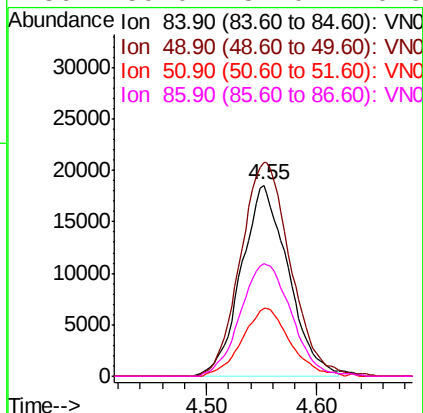
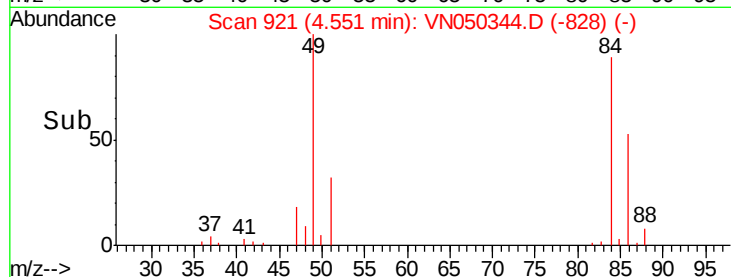
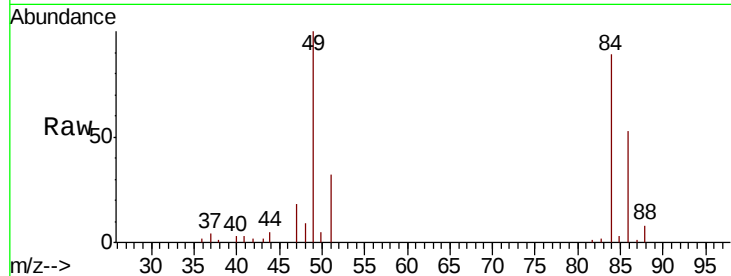




#20
Methvlene Chloride
Concen: 5.65 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050344.D
Acq: 4 Aug 2018 5:04

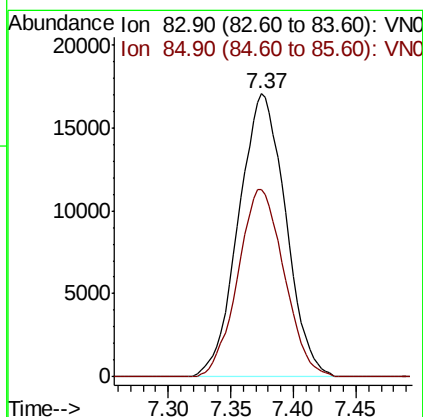
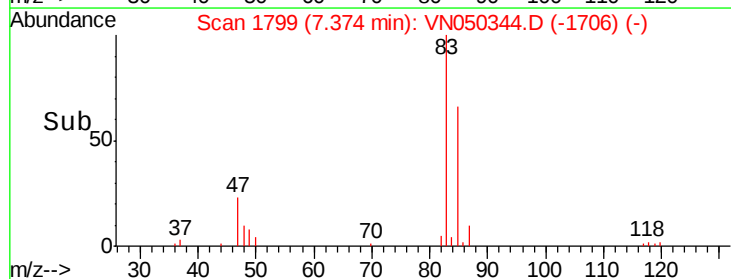
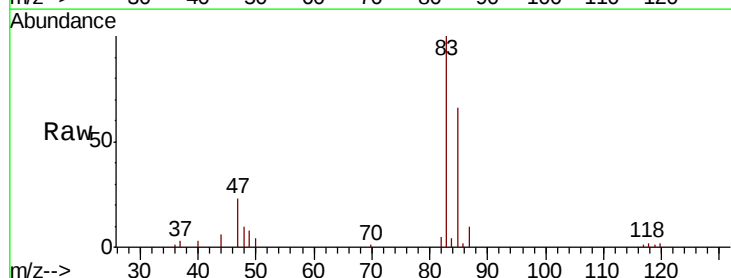
Instrument :
MSVOA_N
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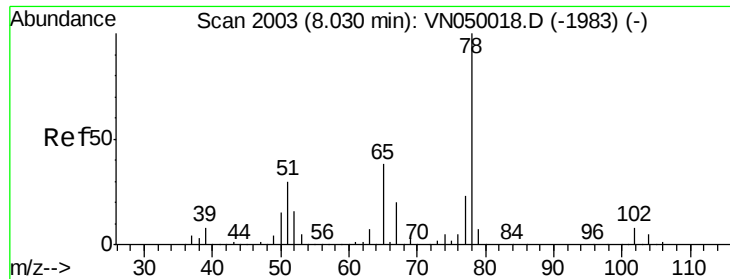
Tot Ion: 84 Resp: 54584
Ion Ratio Lower Upper
84 100
49 111.8 94.8 142.2
51 35.6 28.3 42.5
86 59.0 51.0 76.6



#30
Chloroform
Concen: 2.88 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050344.D
Acq: 4 Aug 2018 5:04

Tgt Ion: 83 Resp: 44439
Ion Ratio Lower Upper
83 100
85 66.3 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 50.14 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050344.D

Acq: 4 Aug 2018 5:04

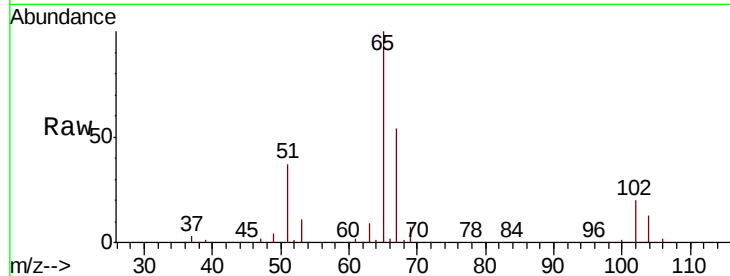
Instrument :
MSVOA_N
ClientSampled :
C-7

Tot Ion: 65 Resp: 456688

Ion Ratio Lower Upper

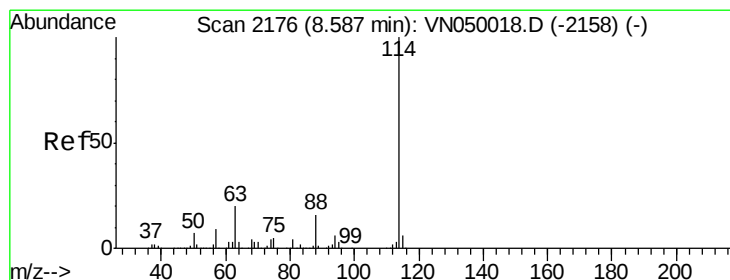
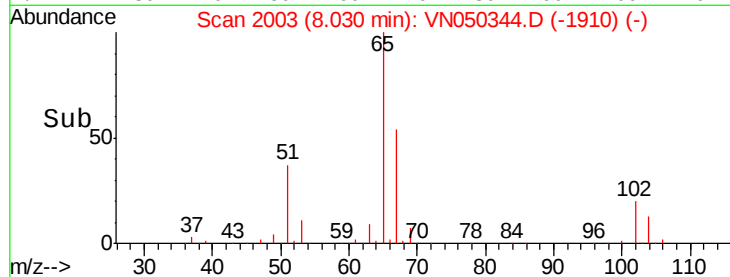
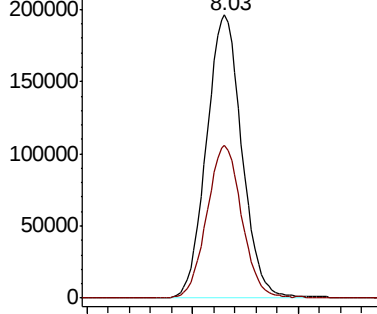
65 100

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# 2177

Delta R.T. 0.00 min

Lab File: VN050344.D

Acq: 4 Aug 2018 5:04

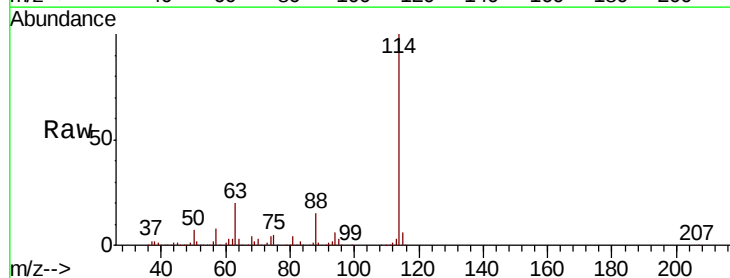
Tgt Ion: 114 Resp: 1072362

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

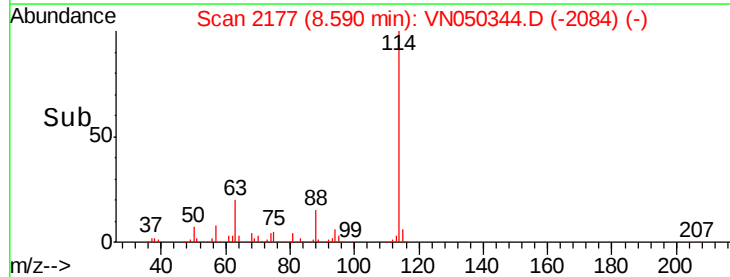
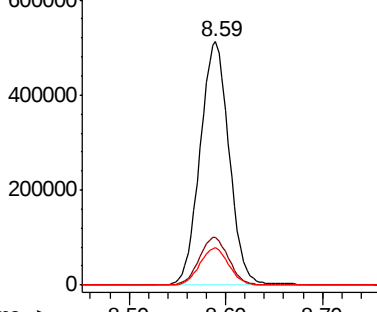
88 15.2 0.0 31.2

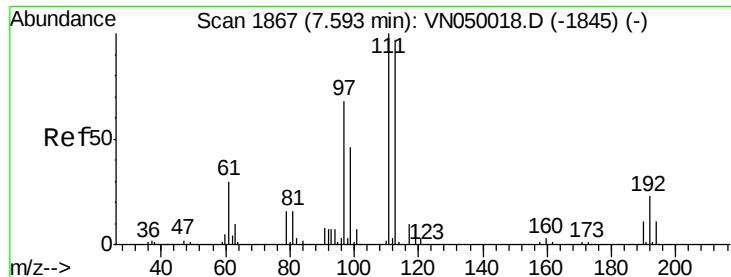


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

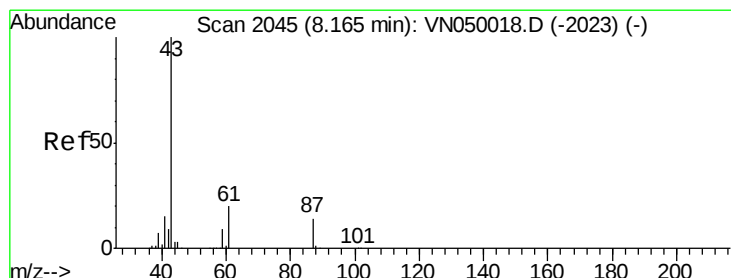
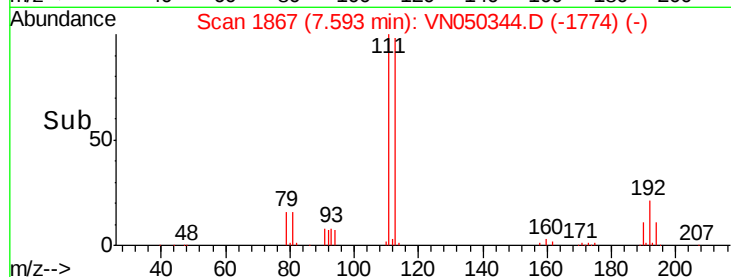
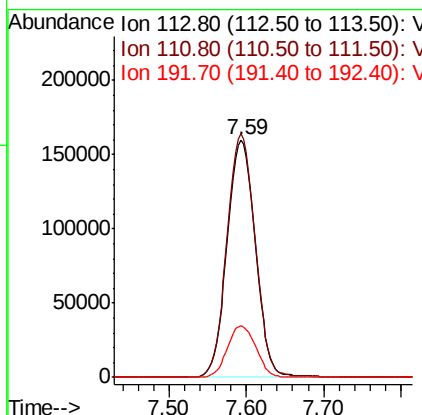
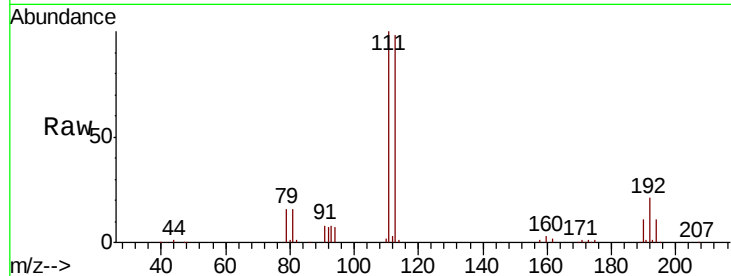




#35
 Dibromofluoromethane
 Concen: 46.33 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050344.D
 Acq: 4 Aug 2018 5:04

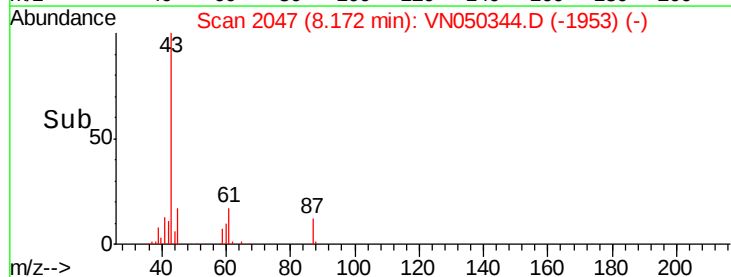
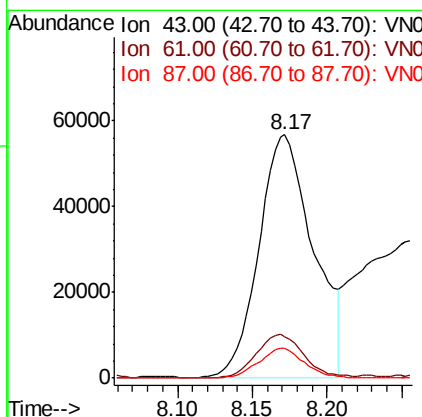
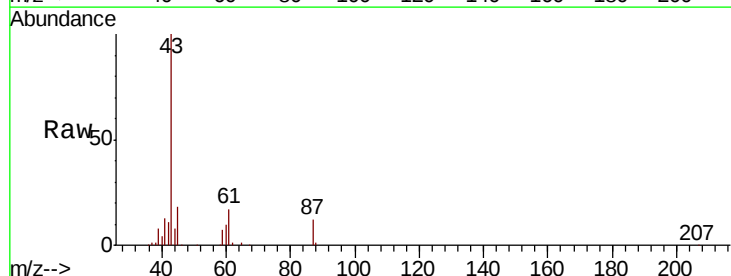
Instrument :
 MSVOA_N
 ClientSampled :
 C-7

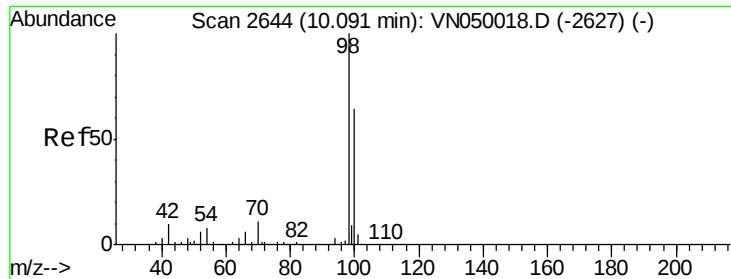
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.7	121.1
192	22.0	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 8.04 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050344.D
 Acq: 4 Aug 2018 5:04

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.8	15.8	23.6
87	10.2	10.3	15.5#

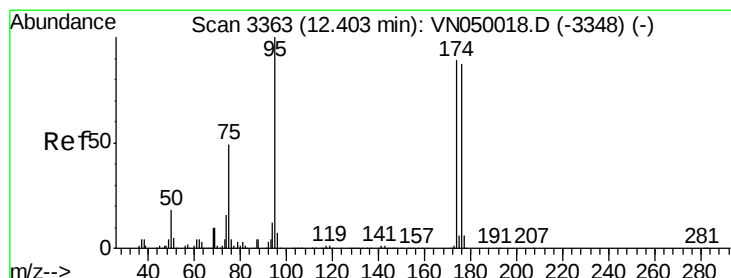
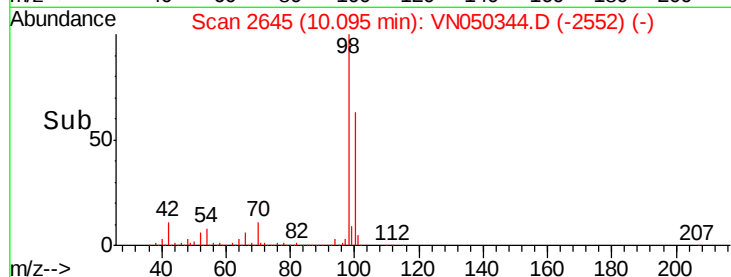
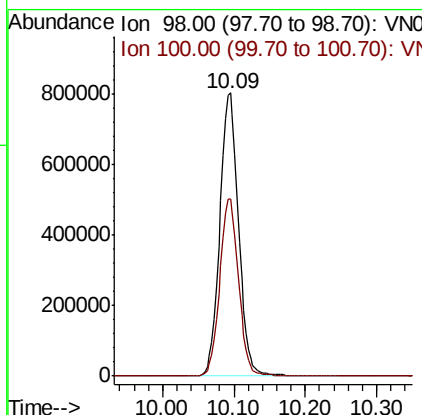
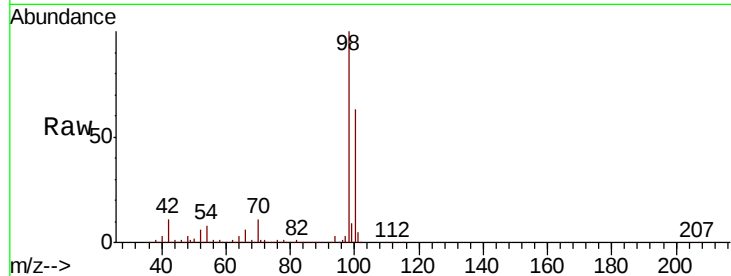




#50
Toluene-d8
Concen: 45.42 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050344.D
Acq: 4 Aug 2018 5:04

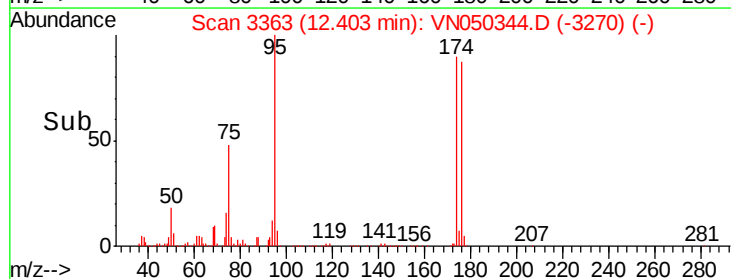
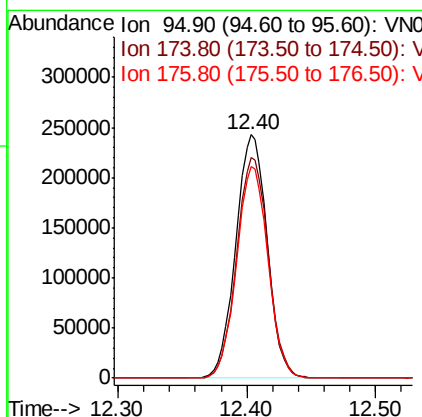
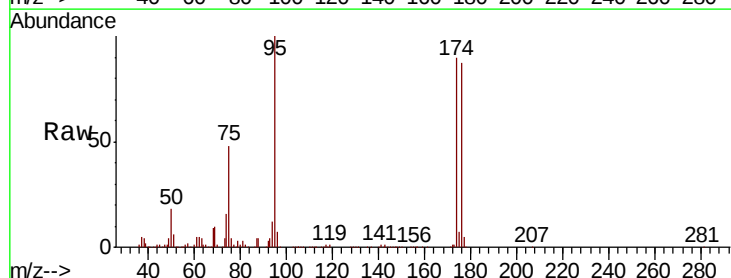
Instrument :
MSVOA_N
ClientSampled :
C-7

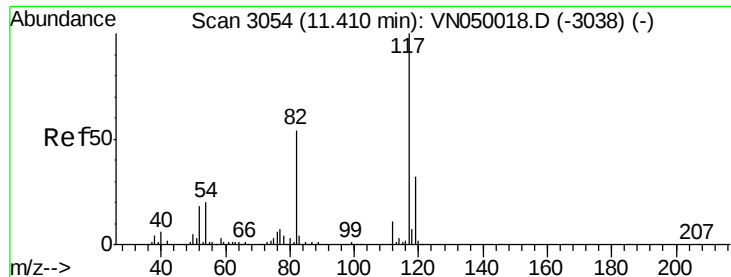
Tot Ion: 98 Resp: 1461943
Ion Ratio Lower Upper
98 100
100 62.9 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 38.79 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050344.D
Acq: 4 Aug 2018 5:04

Tgt Ion: 95 Resp: 411085
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 87.0 0.0 173.4

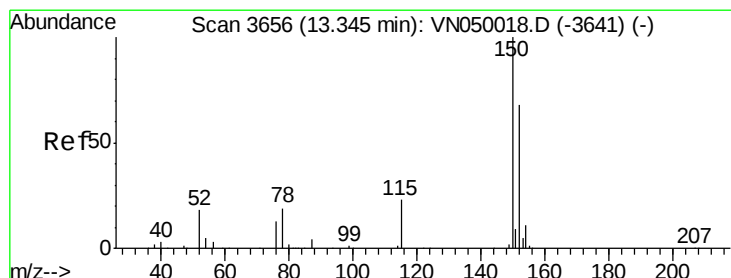
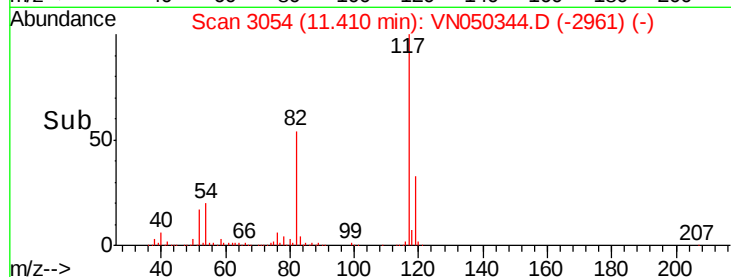
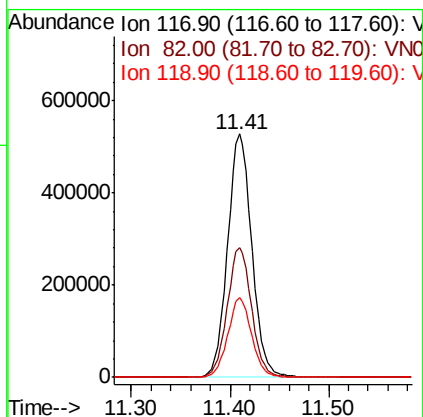
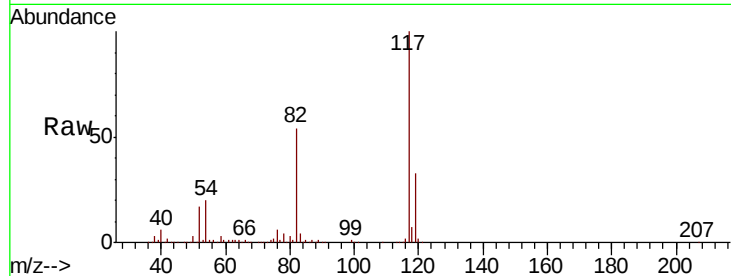




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050344.D
Acq: 4 Aug 2018 5:04

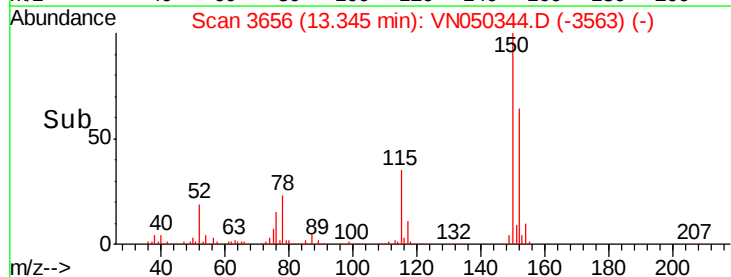
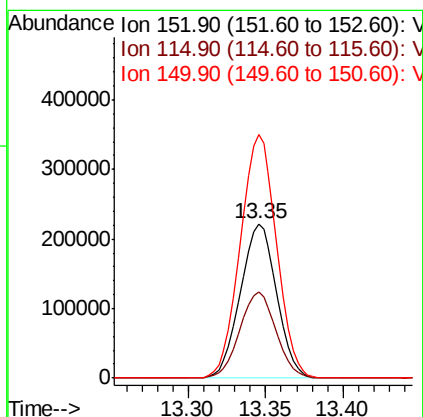
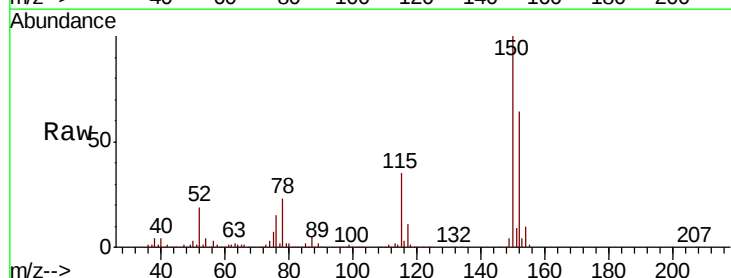
Instrument :
MSVOA_N
ClientSampleId :
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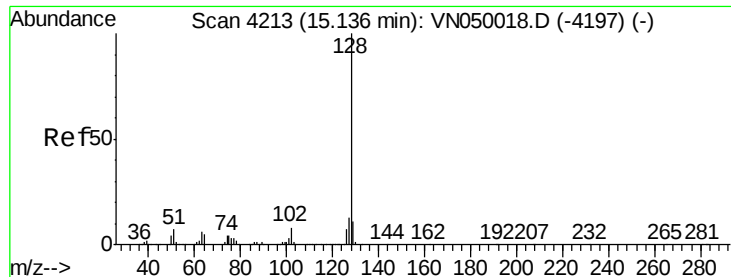
Tot Ion:117 Resp: 907515
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050344.D
Acq: 4 Aug 2018 5:04

Tgt Ion:152 Resp: 362002
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.3
150 157.3 0.0 348.6

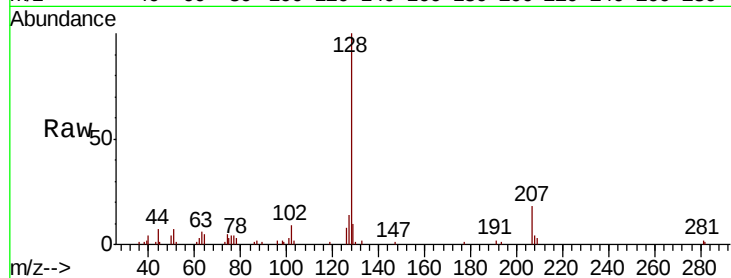




#95
Naphthalene
Concen: 6.27 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050344.D
Acq: 4 Aug 2018 5:04

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.8	13.2



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

