

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\
 Data File : VN049238.D
 Acq On : 14 Jun 2018 19:42
 Operator : MD\SY
 Sample : J3447-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 W-27

Quant Time: Jun 25 17:26:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 05:15:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	724510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1376082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1396556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	390638	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	534745	45.71	ug/l	0.00
Spiked Amount						
			Recovery	=	91.42%	
35) Dibromofluoromethane	7.59	113	460655	40.45	ug/l	0.00
Spiked Amount						
			Recovery	=	80.90%	
50) Toluene-d8	10.09	98	1798154	40.58	ug/l	0.00
Spiked Amount						
			Recovery	=	81.16%	
62) 4-Bromofluorobenzene	12.41	95	554822	37.73	ug/l	0.00
Spiked Amount						
			Recovery	=	75.46%	

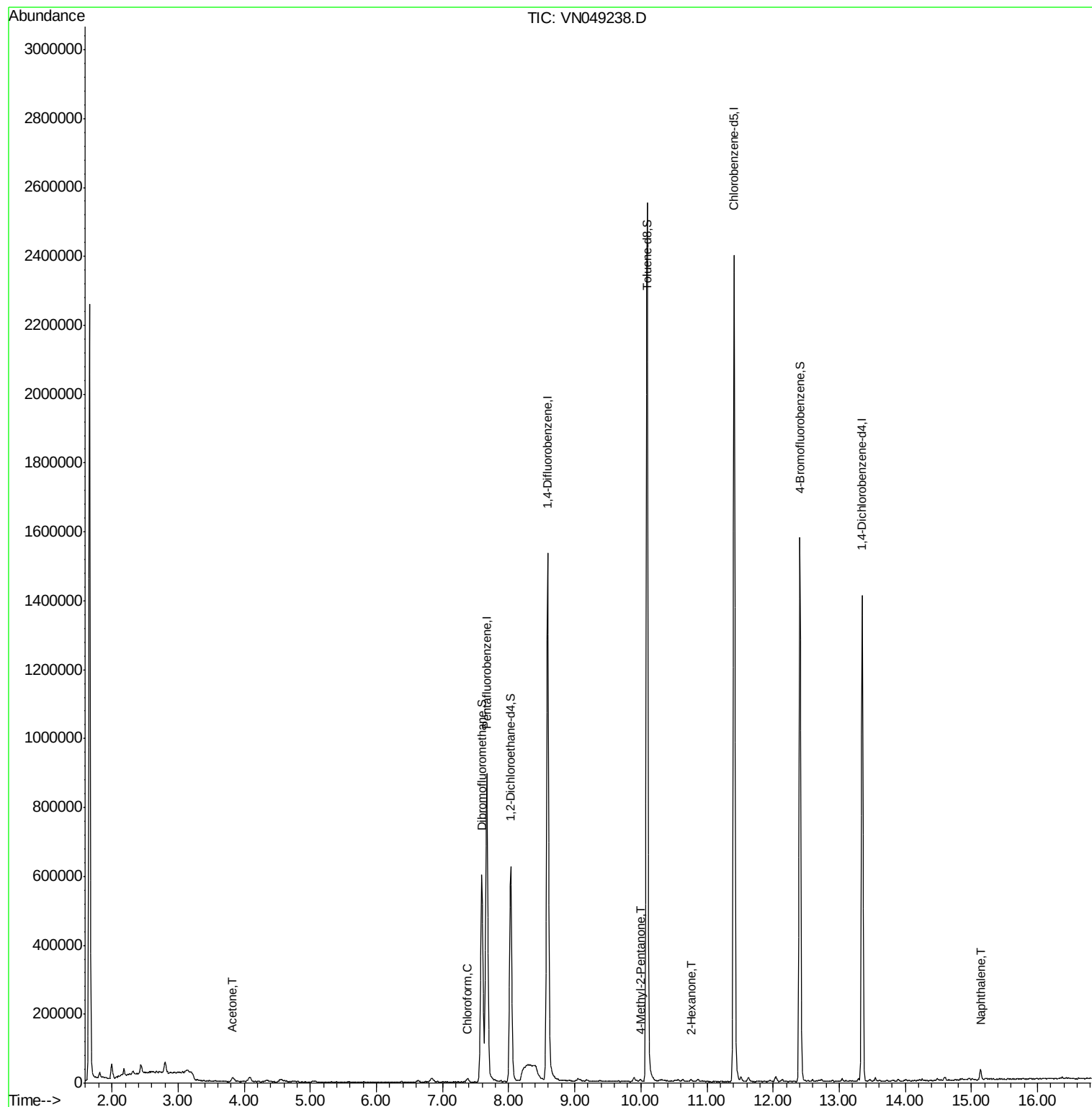
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	21468	7.68	ug/l	96
30) Chloroform	7.38	83	10166	0.52	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	5803	0.55	ug/l	95
59) 2-Hexanone	10.76	43	5600	0.85	ug/l	86
95) Naphthalene	15.14	128	23682	6.97	ug/l	96

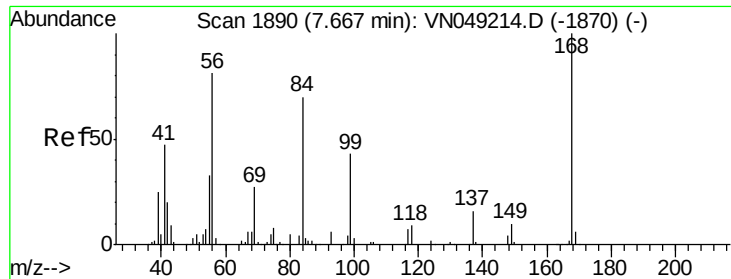
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 14 05:15:23 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: VN049238.D

Acq: 14 Jun 2018 19:42

Instrument :

MSVOA_N

ClientSampled :

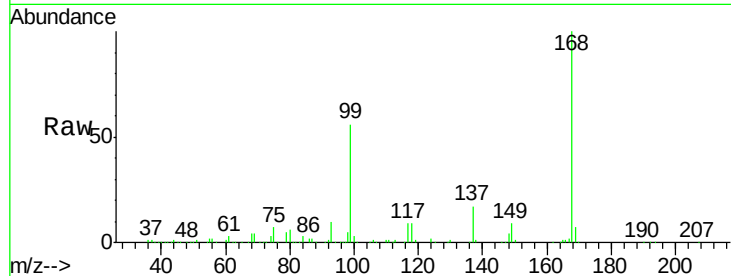
W-27

Tot Ion:168 Resp: 724510

Ion Ratio Lower Upper

168 100

99 55.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

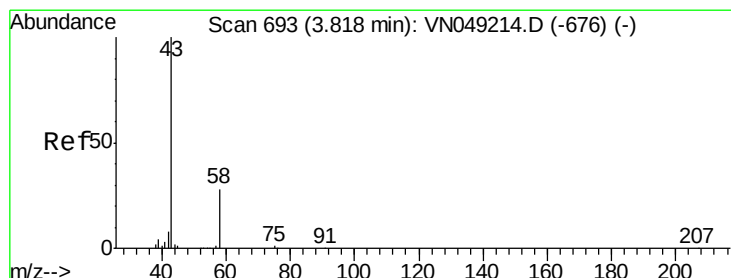
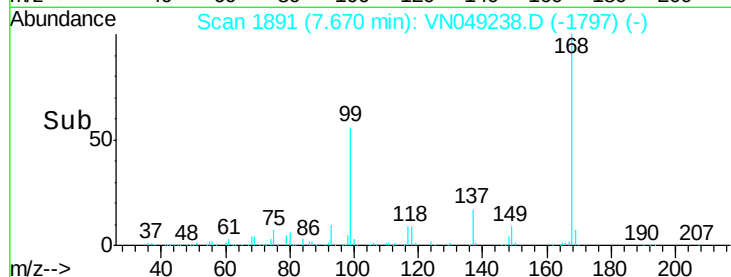
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.68 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049238.D

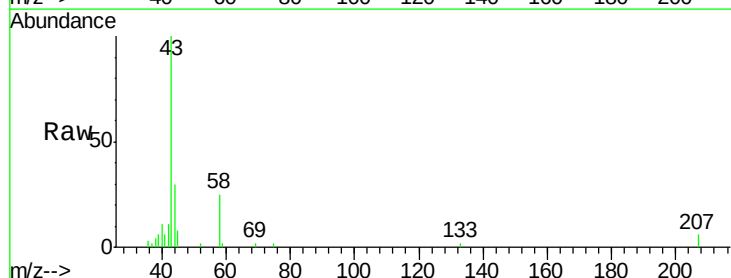
Acq: 14 Jun 2018 19:42

Tgt Ion: 43 Resp: 21468

Ion Ratio Lower Upper

43 100

58 25.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

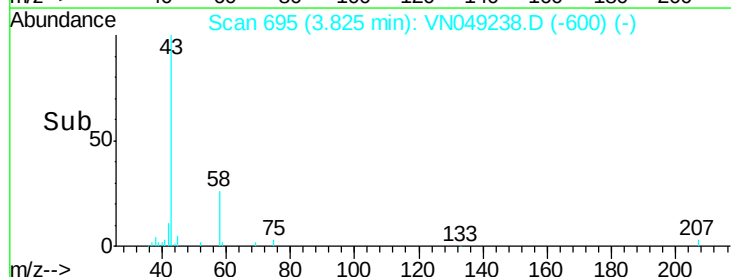
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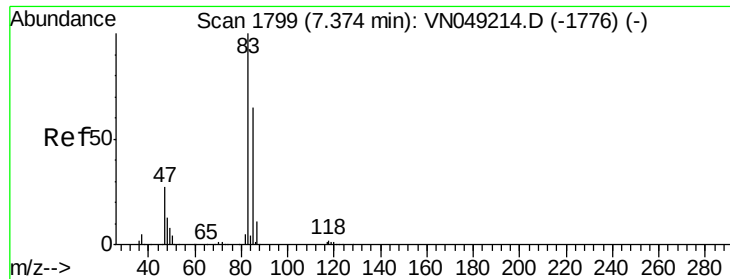
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2000

0

Time-->

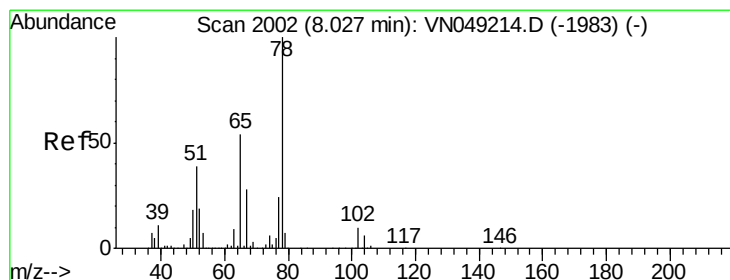
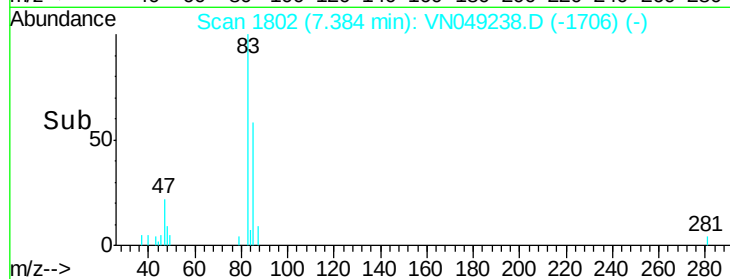
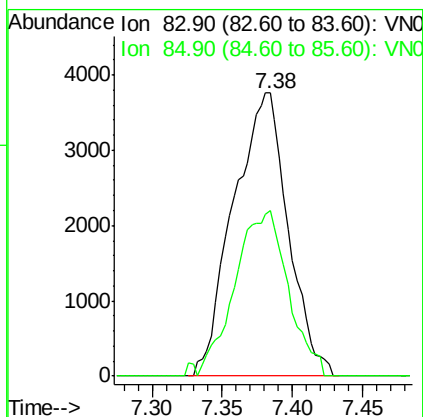
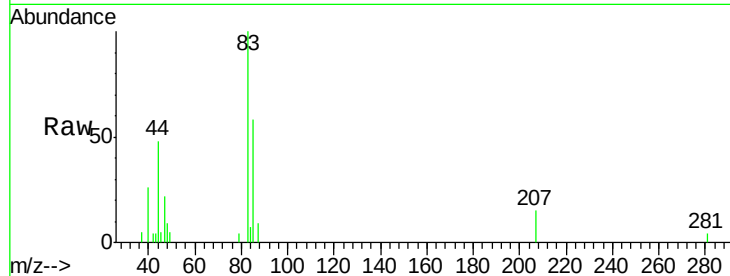




#30
Chloroform
Concen: 0.52 ug/l
RT: 7.38 min Scan# 1802
Delta R.T. 0.01 min
Lab File: VN049238.D
Acq: 14 Jun 2018 19:42

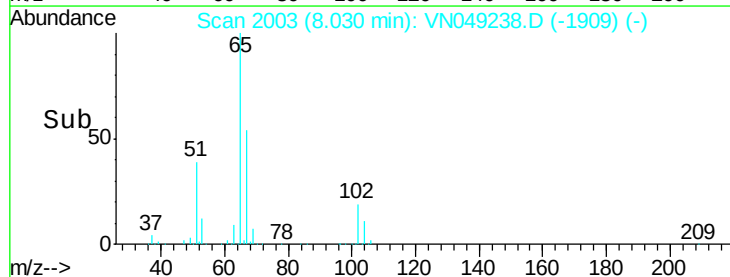
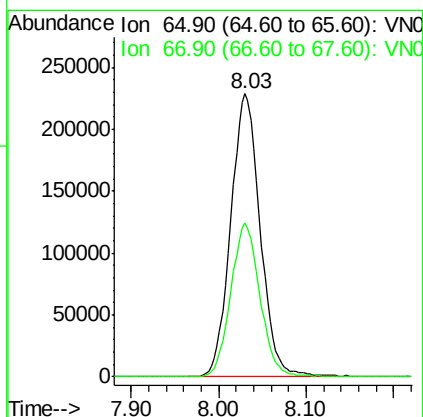
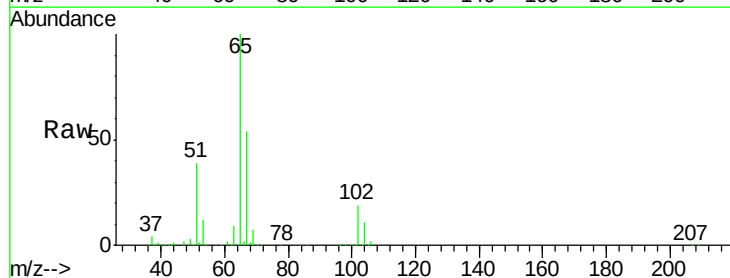
Instrument :
MSVOA_N
ClientSampled :
W-27

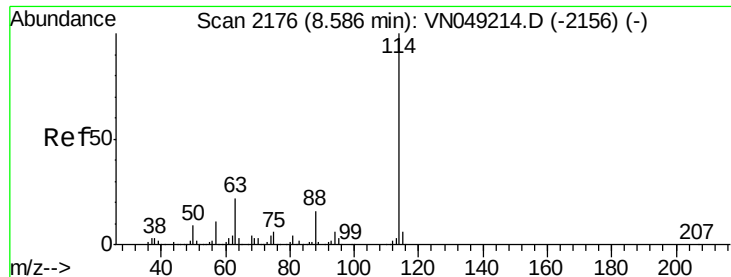
Tot Ion: 83 Resp: 10166
Ion Ratio Lower Upper
83 100
85 58.5 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 45.71 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049238.D
Acq: 14 Jun 2018 19:42

Tgt Ion: 65 Resp: 534745
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.8

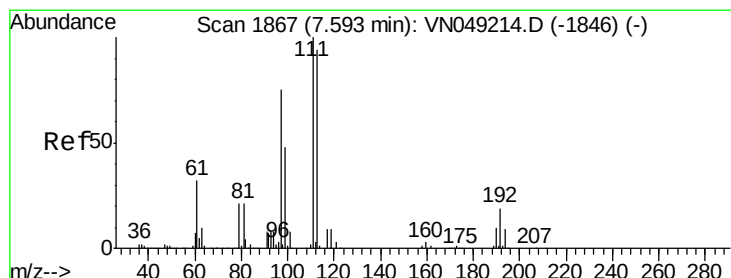
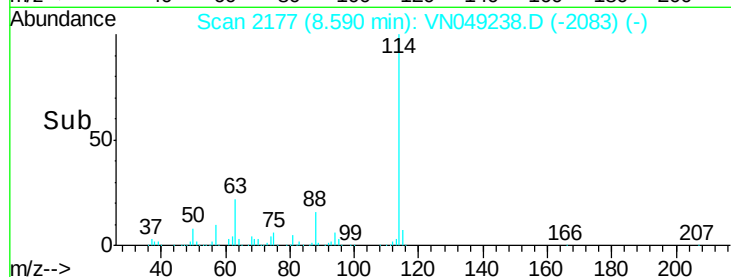
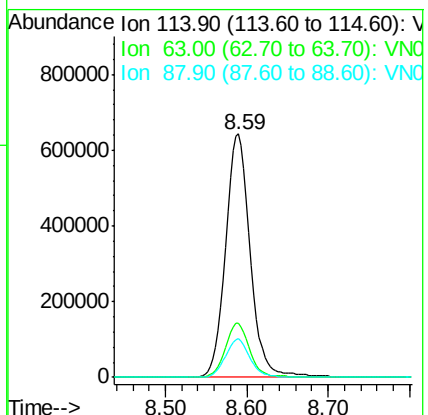
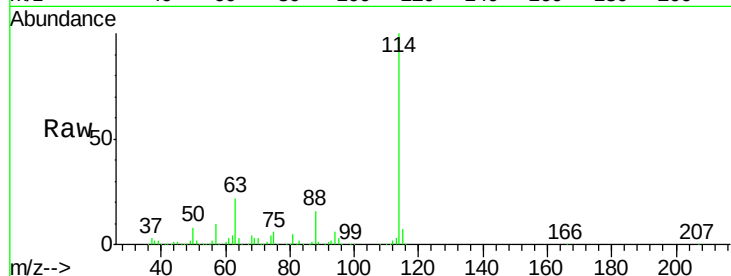




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN049238.D
Acq: 14 Jun 2018 19:42

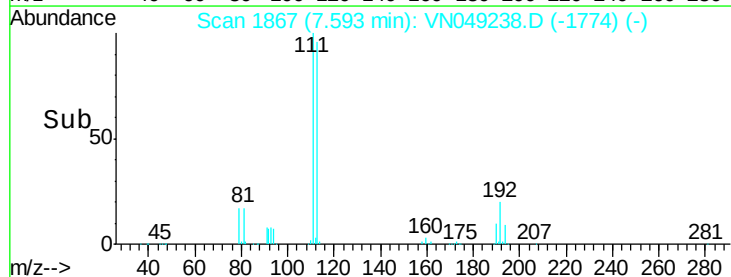
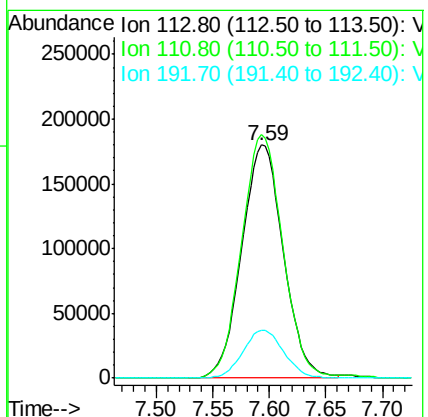
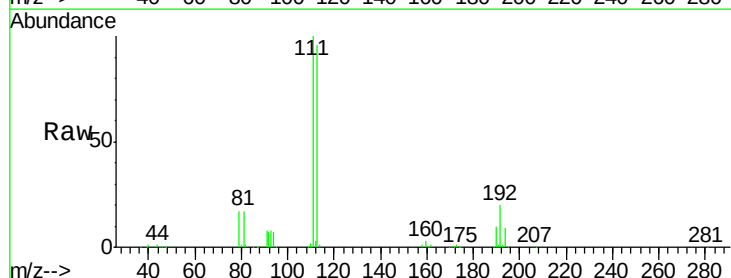
Instrument :
MSVOA_N
ClientSampleId :
W-27

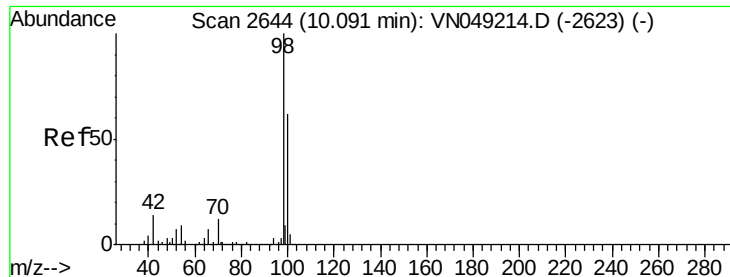
Tot Ion:114 Resp: 1376082
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.4
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 40.45 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049238.D
Acq: 14 Jun 2018 19:42

Tgt Ion:113 Resp: 460655
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 20.2 15.0 22.6





#50

Toluene-d8

Concen: 40.58 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049238.D

Acq: 14 Jun 2018 19:42

Instrument :

MSVOA_N

ClientSampled :

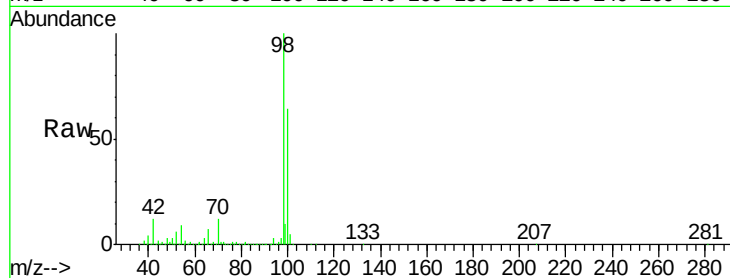
W-27

Tot Ion: 98 Resp: 1798154

Ion Ratio Lower Upper

98 100

100 63.5 49.8 74.8

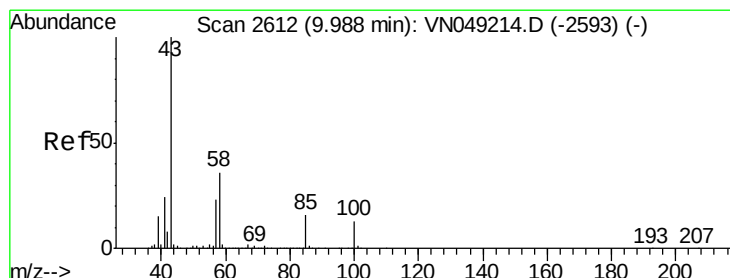
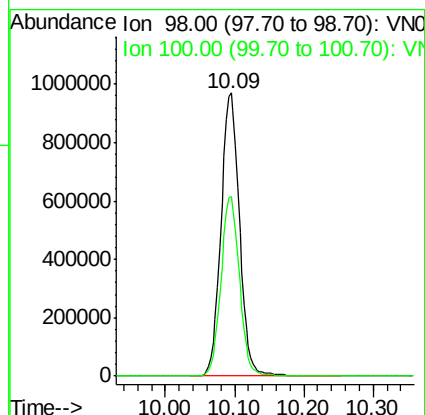
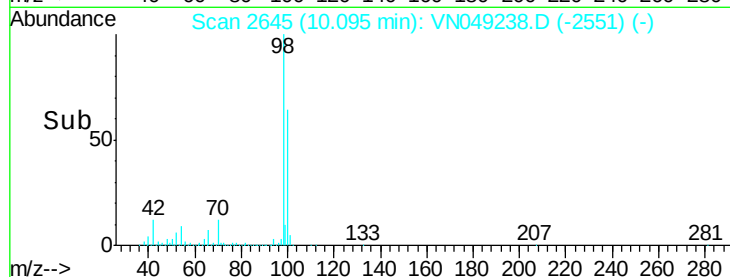


Abundance Ion 98.00 (97.70 to 98.70): VN049214.D (-2623) (-)

Ion 100.00 (99.70 to 100.70): VN049214.D (-2623) (-)

10.09

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.55 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049238.D

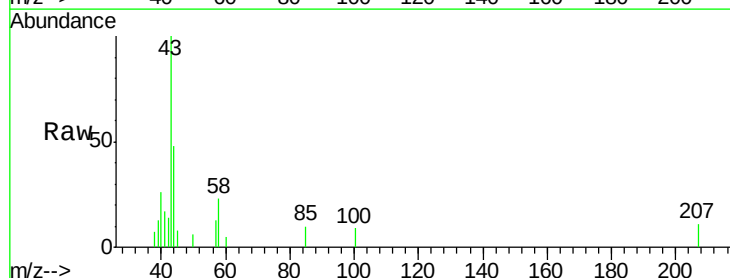
Acq: 14 Jun 2018 19:42

Tgt Ion: 43 Resp: 5803

Ion Ratio Lower Upper

43 100

58 33.3 29.0 43.6

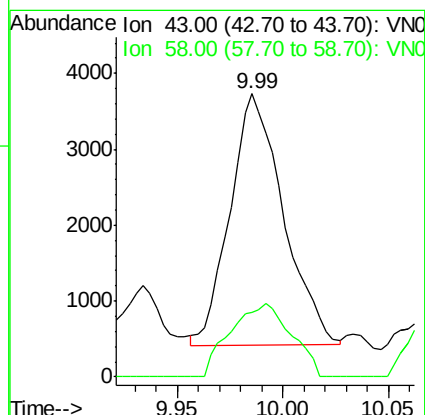
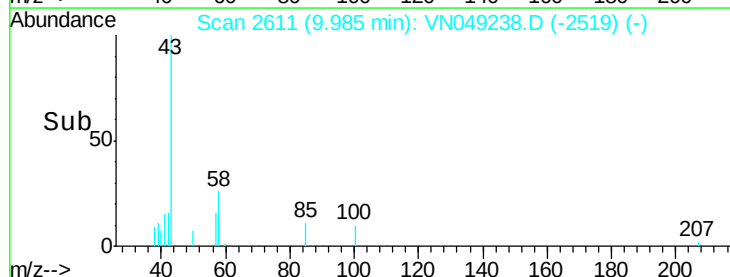


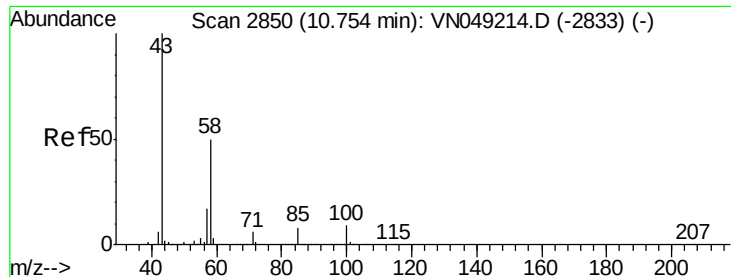
Abundance Ion 43.00 (42.70 to 43.70): VN049214.D (-2593) (-)

Ion 58.00 (57.70 to 58.70): VN049214.D (-2593) (-)

9.99

Time-->





#59

2-Hexanone

Concen: 0.85 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049238.D

Acq: 14 Jun 2018 19:42

Instrument :

MSVOA_N

ClientSampled :

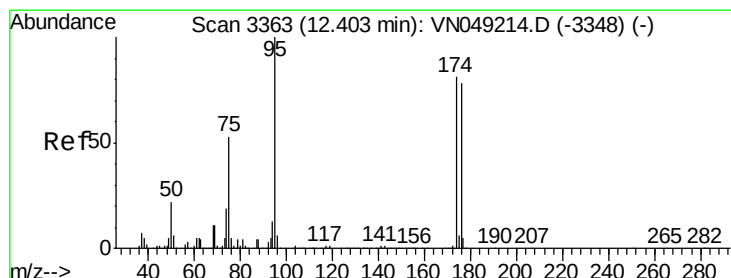
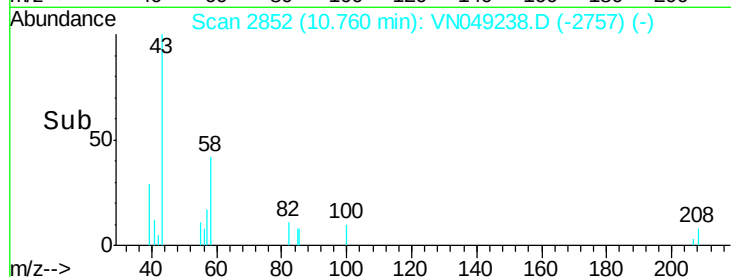
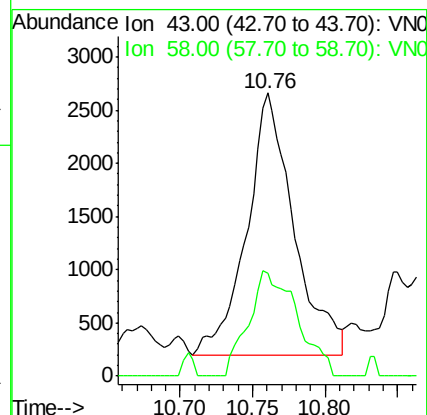
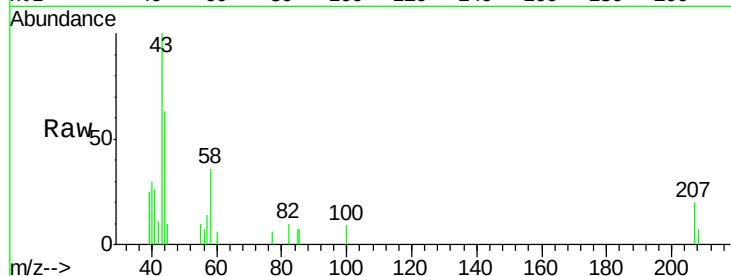
W-27

Tot Ion: 43 Resp: 5600

Ion Ratio Lower Upper

43 100

58 41.1 25.2 75.6



#62

4-Bromofluorobenzene

Concen: 37.73 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049238.D

Acq: 14 Jun 2018 19:42

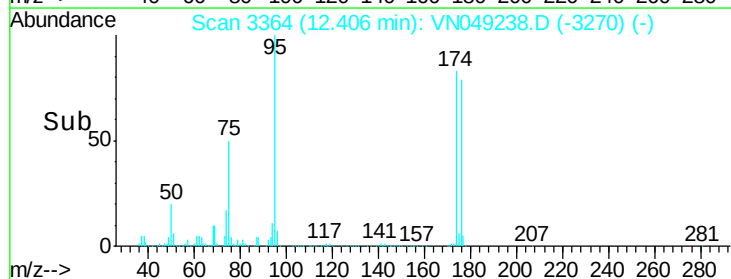
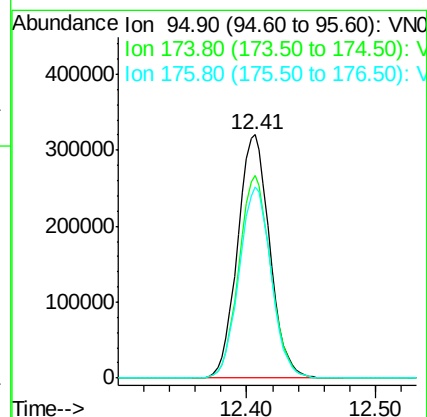
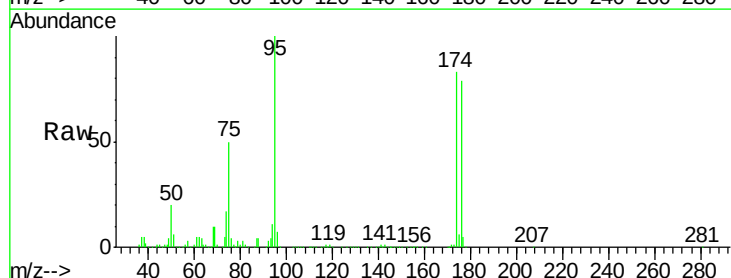
Tgt Ion: 95 Resp: 554822

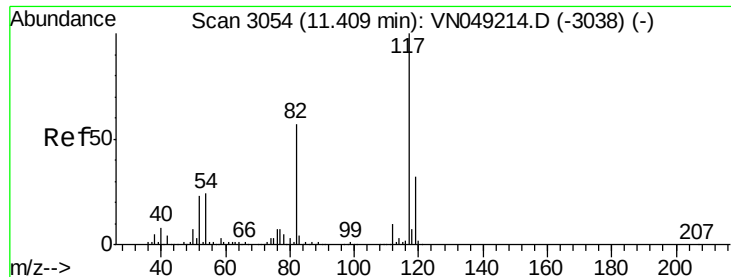
Ion Ratio Lower Upper

95 100

174 82.6 0.0 165.6

176 78.4 0.0 157.4

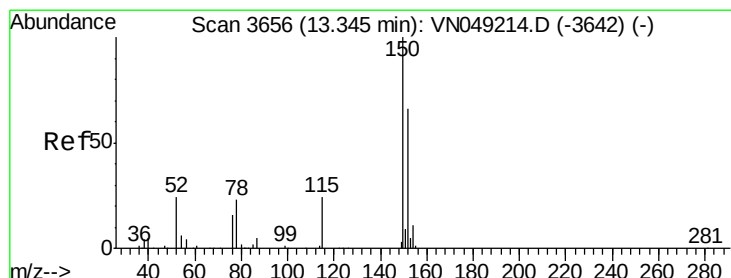
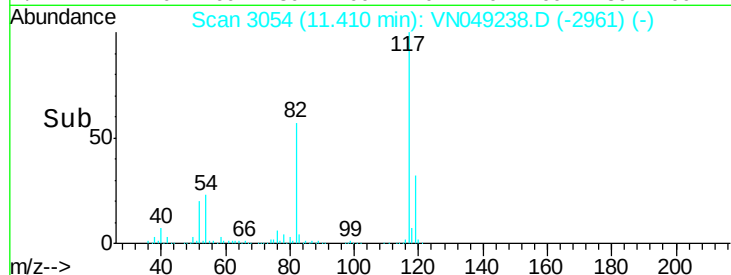
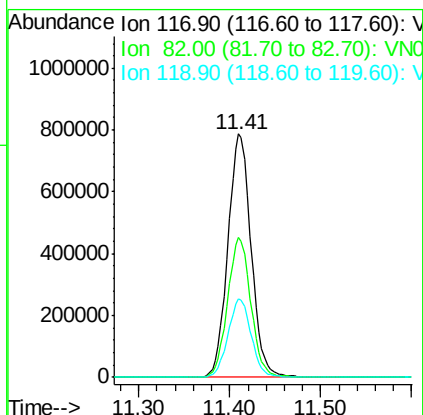
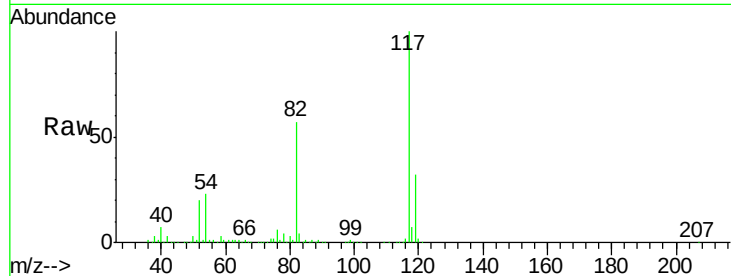




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049238.D
Acq: 14 Jun 2018 19:42

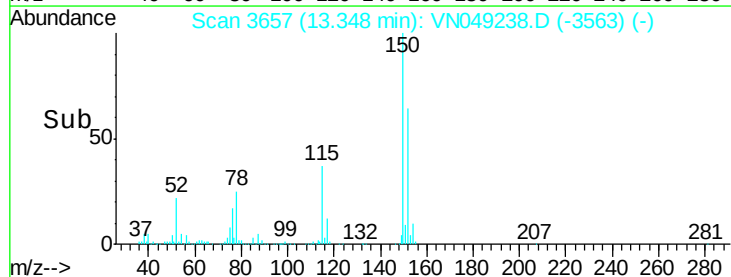
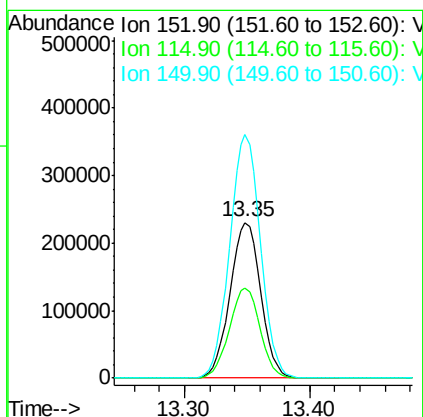
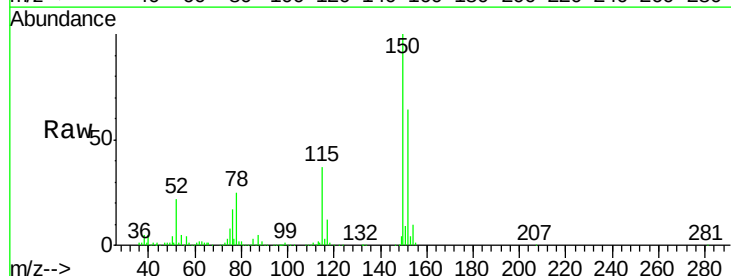
Instrument :
MSVOA_N
ClientSampled :
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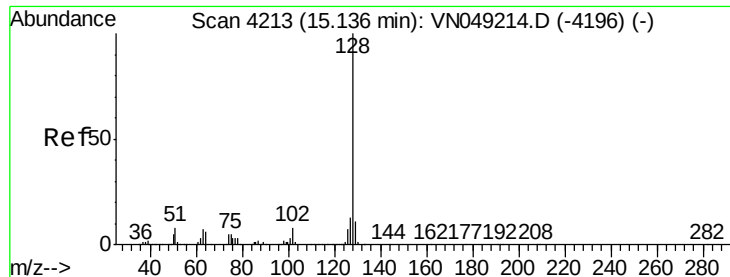
Tot Ion:117 Resp: 1396556
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049238.D
Acq: 14 Jun 2018 19:42

Tgt Ion:152 Resp: 390638
Ion Ratio Lower Upper
152 100
115 57.8 28.7 86.1
150 156.4 0.0 351.0

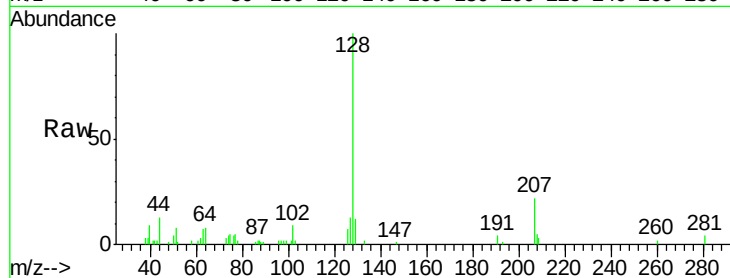




#95
 Naphthalene
 Concen: 6.97 ug/l
 RT: 15.14 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: VN049238.D
 Acq: 14 Jun 2018 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.6	16.0
129	12.4	8.5	12.7



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

