

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
 Data File : VN050252.D
 Acq On : 1 Aug 2018 16:25
 Operator : MD\SY
 Sample : J4241-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FS-RO-226

Quant Time: Aug 02 02:30:52 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

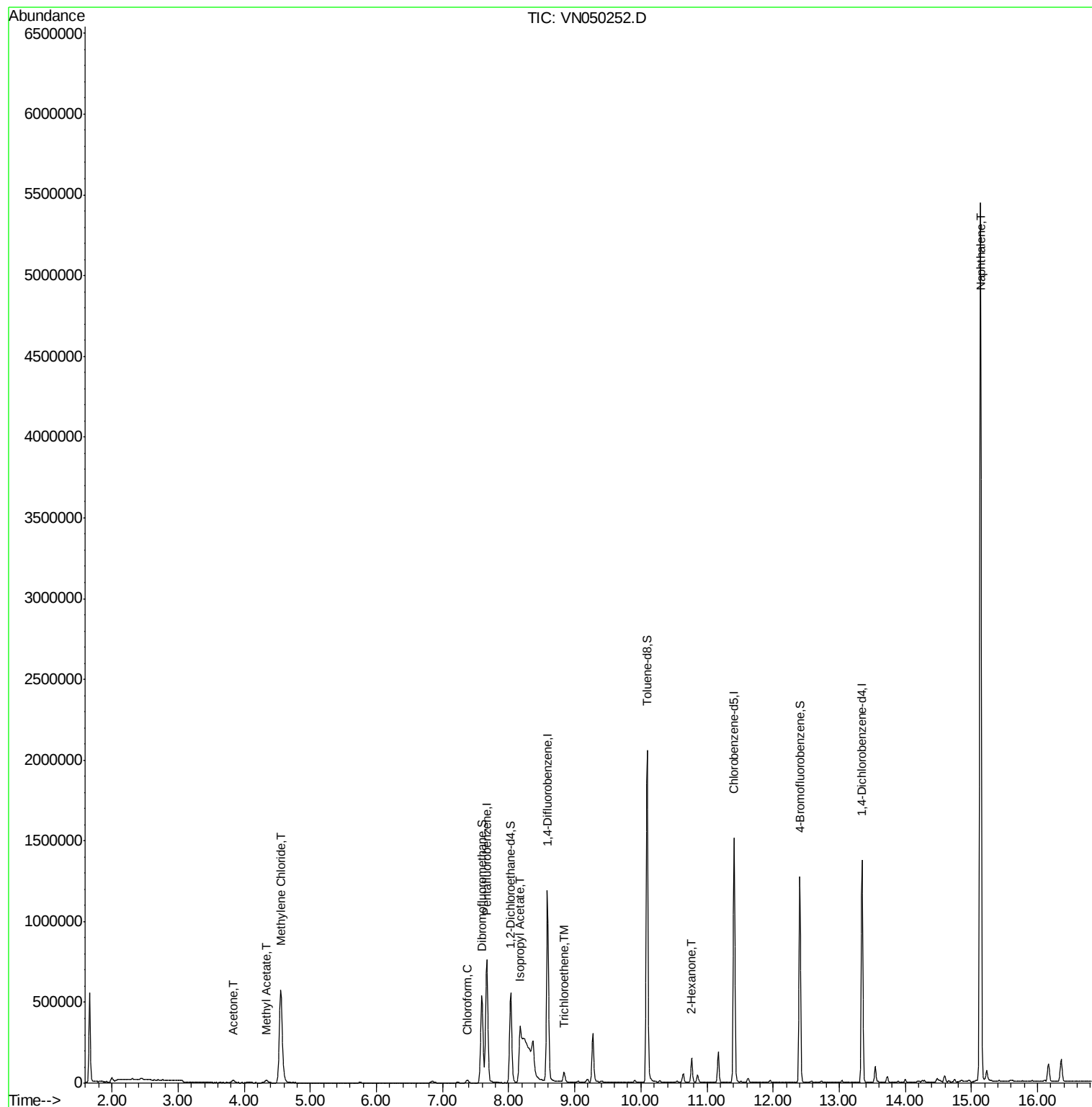
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	661346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1086674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	916828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	387931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	471976	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
35) Dibromofluoromethane	7.59	113	418594	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
50) Toluene-d8	10.09	98	1472008	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
62) 4-Bromofluorobenzene	12.40	95	419263	39.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.08%	
Target Compounds						
					Qvalue	
16) Acetone	3.83	43	27977	8.680	ug/l	99
18) Methyl Acetate	4.33	43	31195	2.130	ug/l	98
20) Methylene Chloride	4.55	84	467519	57.329	ug/l	99
30) Chloroform	7.37	83	17027	1.089	ug/l	91
43) Isopropyl Acetate	8.17	43	437321	26.655	ug/l #	87
44) Trichloroethene	8.84	130	22630	2.261	ug/l	94
59) 2-Hexanone	10.77	43	21876	8.649	ug/l #	54
95) Naphthalene	15.14	128	4561144	239.134	ug/l	100

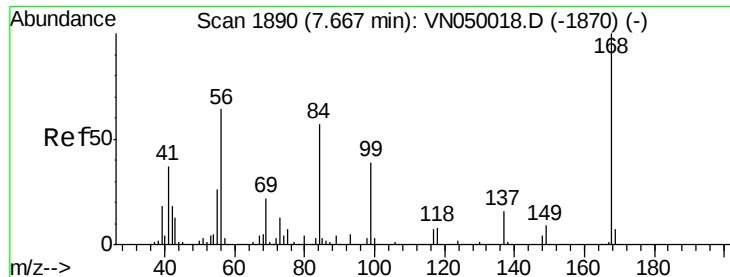
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080118\
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Quant Time: Aug 02 02:30:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050252.D

Acq: 1 Aug 2018 16:25

Instrument :

MSVOA_N

ClientSampleId :

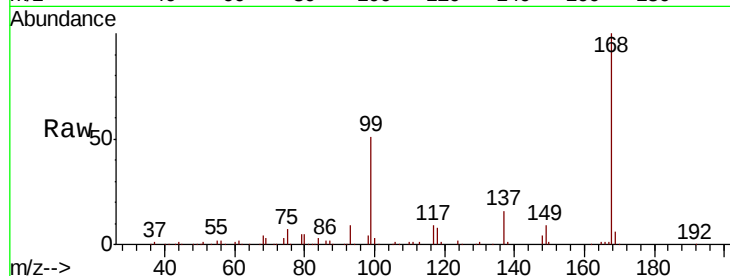
FS-RO-226

Tot Ion:168 Resp: 661346

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

300000

250000

200000

150000

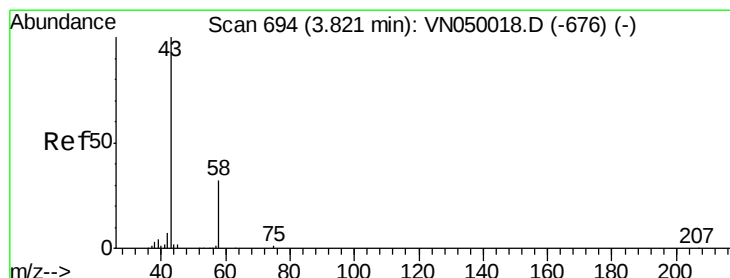
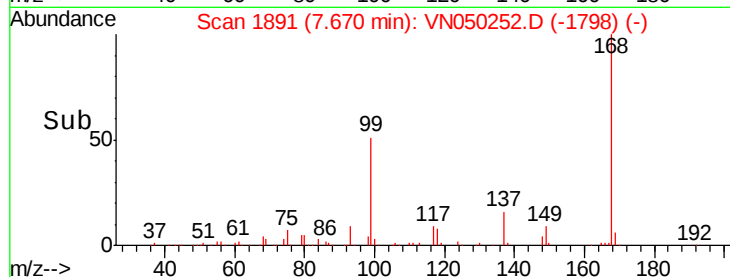
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.680 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050252.D

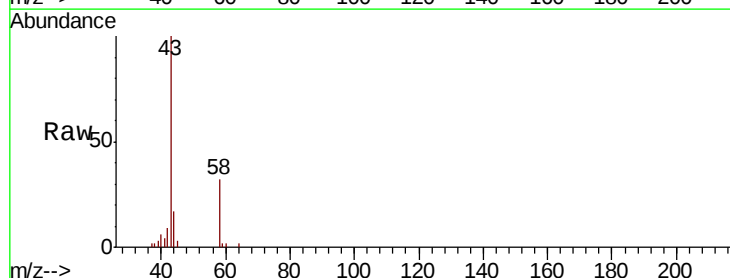
Acq: 1 Aug 2018 16:25

Tgt Ion: 43 Resp: 27977

Ion Ratio Lower Upper

43 100

58 32.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

12000

10000

8000

6000

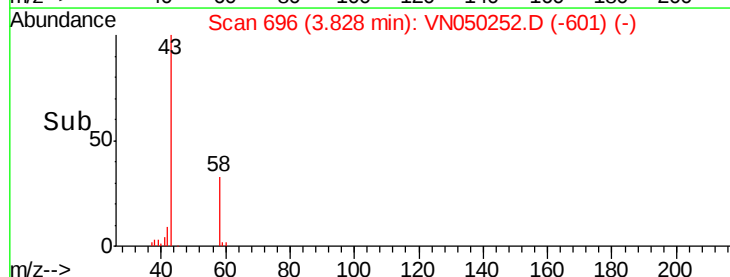
4000

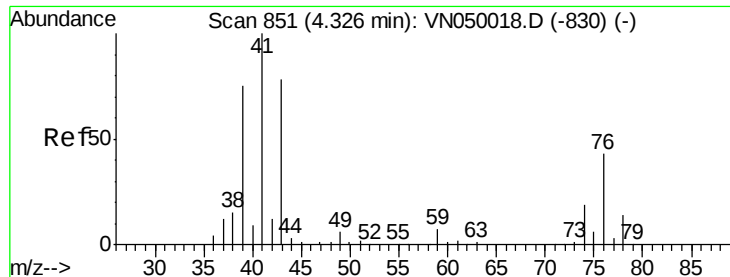
2000

0

3.75 3.80 3.85 3.90

Time-->

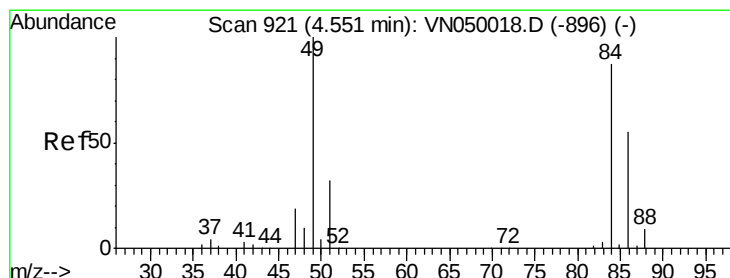
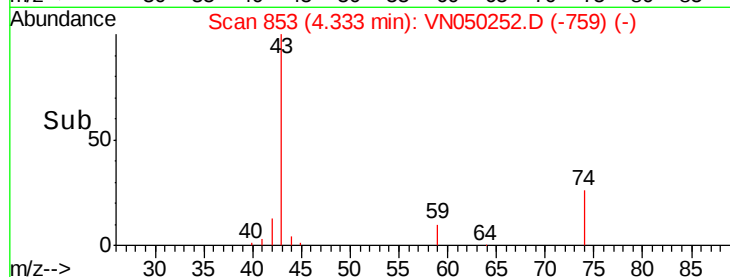
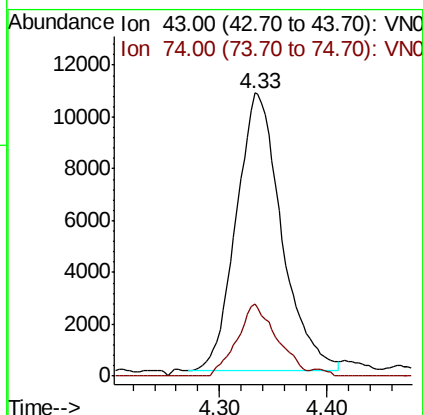
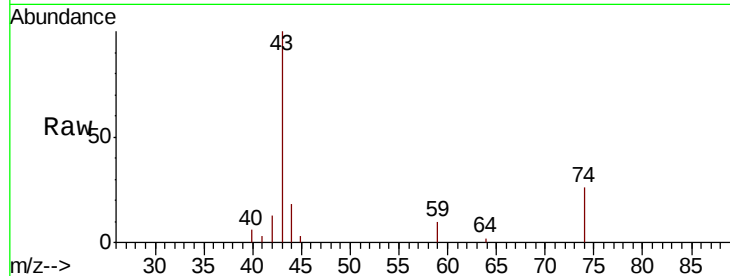




#18
Methvl Acetate
Concen: 2.130 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050252.D
Acq: 1 Aug 2018 16:25

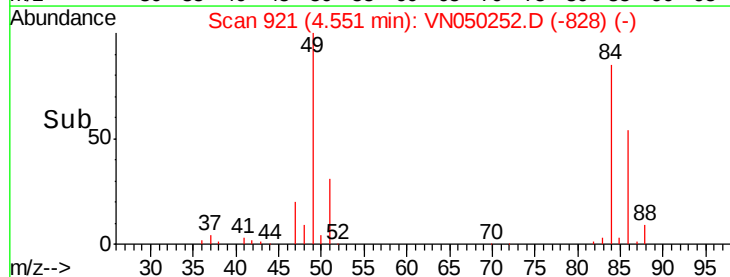
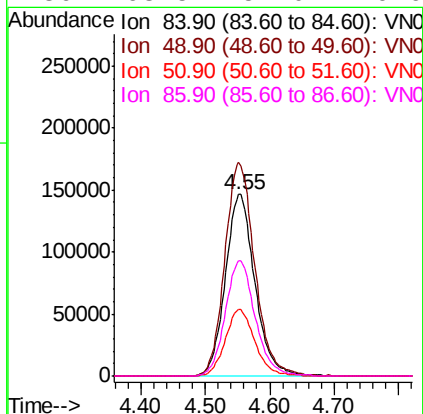
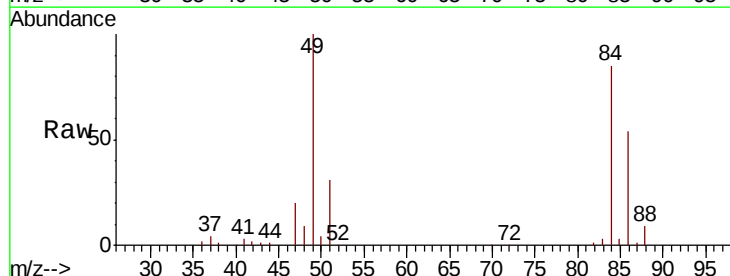
Instrument :
MSVOA_N
ClientSampleId :
FS-RO-226

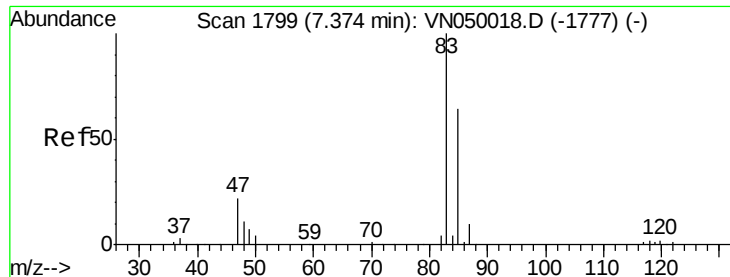
Tot Ion: 43 Resp: 31195
Ion Ratio Lower Upper
43 100
74 22.9 19.2 28.8



#20
Methylene Chloride
Concen: 57.329 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050252.D
Acq: 1 Aug 2018 16:25

Tgt Ion: 84 Resp: 467519
Ion Ratio Lower Upper
84 100
49 117.9 94.8 142.2
51 36.7 28.3 42.5
86 63.5 51.0 76.6

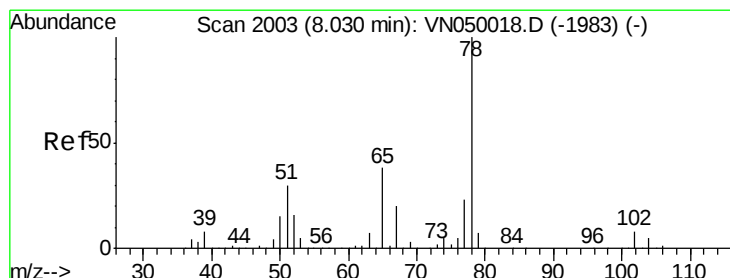
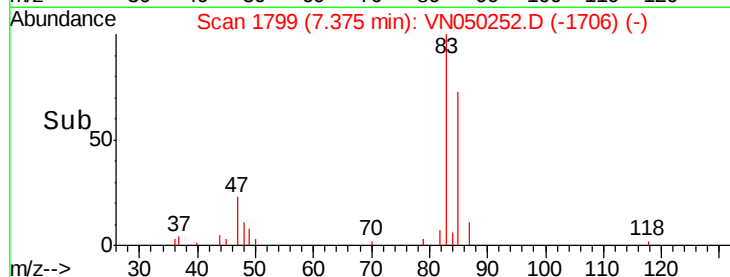
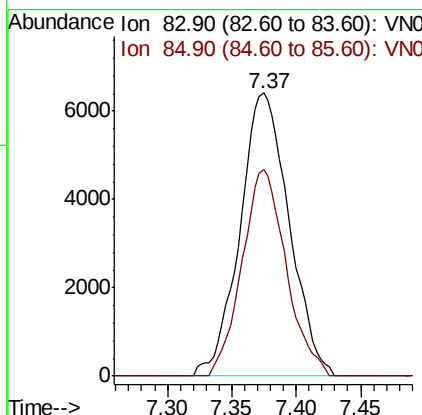
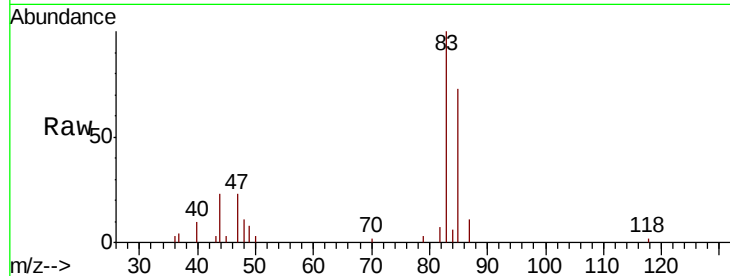




#30
Chloroform
Concen: 1.089 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050252.D
Acq: 1 Aug 2018 16:25

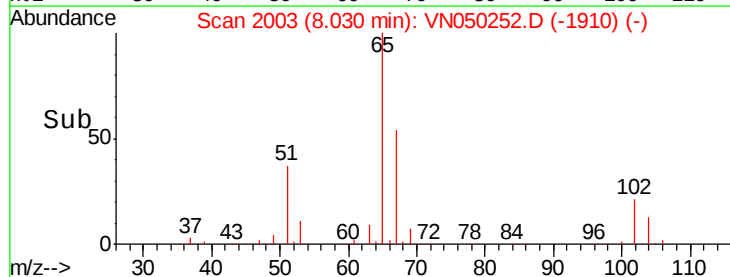
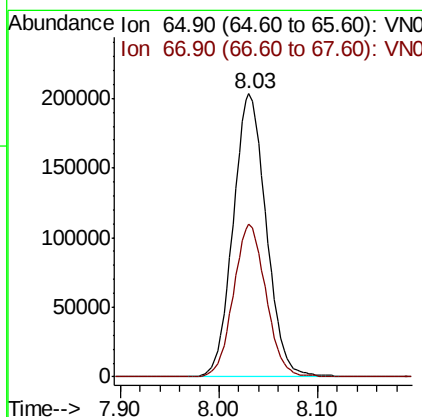
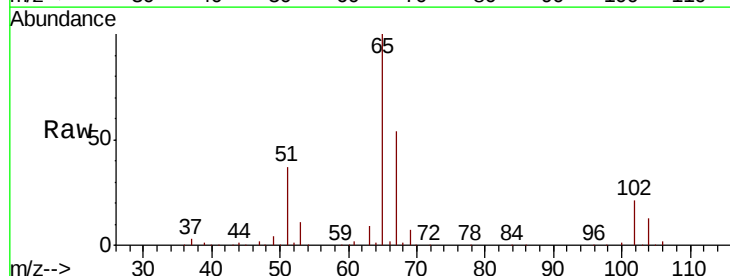
Instrument :
MSVOA_N
ClientSampleId :
FS-RO-226

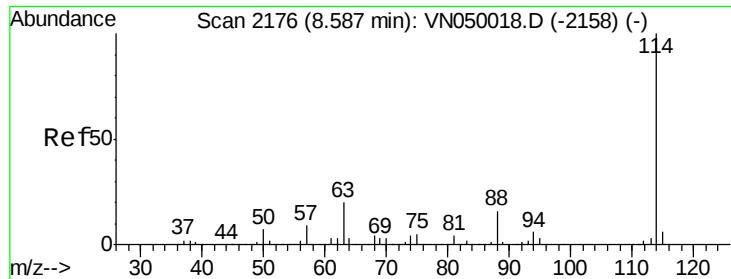
Tot Ion: 83 Resp: 17027
Ion Ratio Lower Upper
83 100
85 73.0 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 51.150 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050252.D
Acq: 1 Aug 2018 16:25

Tgt Ion: 65 Resp: 471976
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.4

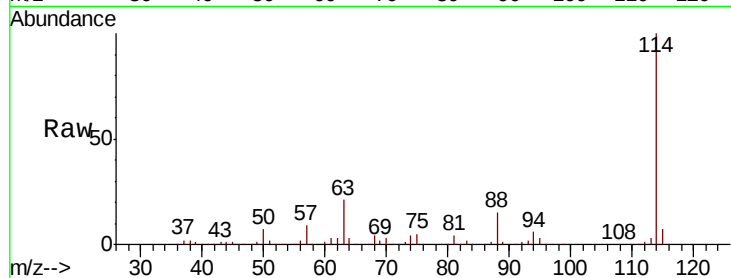




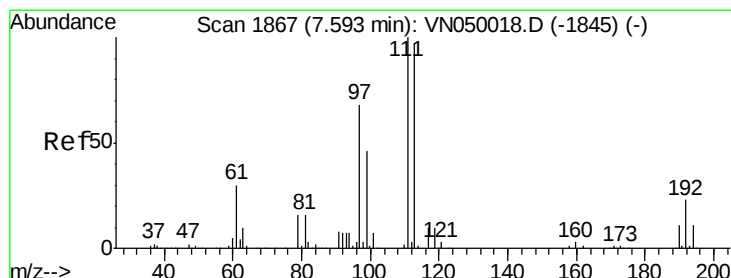
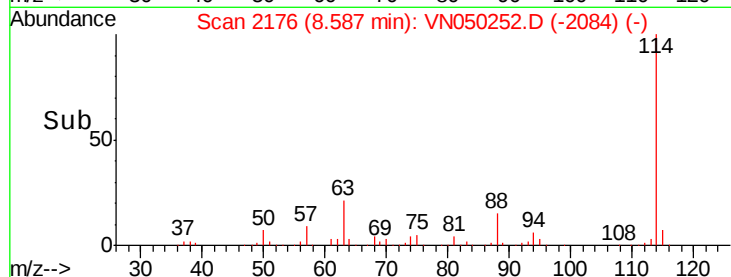
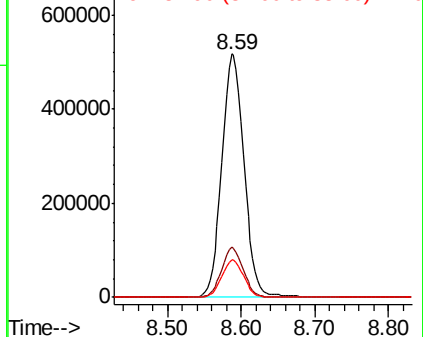
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050252.D
 Acq: 1 Aug 2018 16:25

Instrument :
 MSVOA_N
 ClientSampleId :
 FS-RO-226

Tot Ion:114 Resp: 1086674
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.0
 88 15.4 0.0 31.2

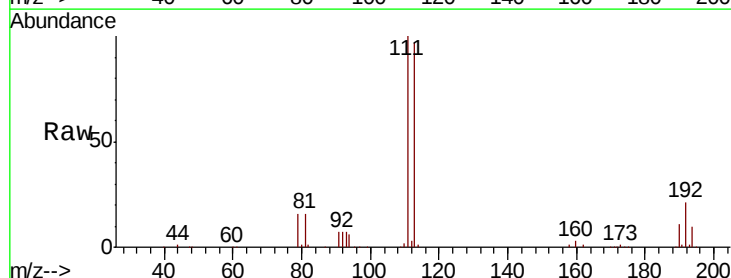


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

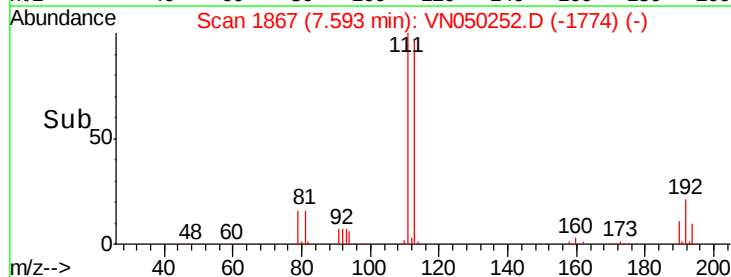
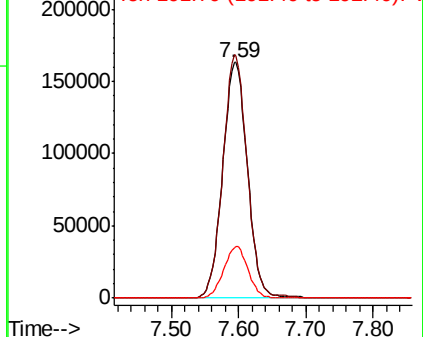


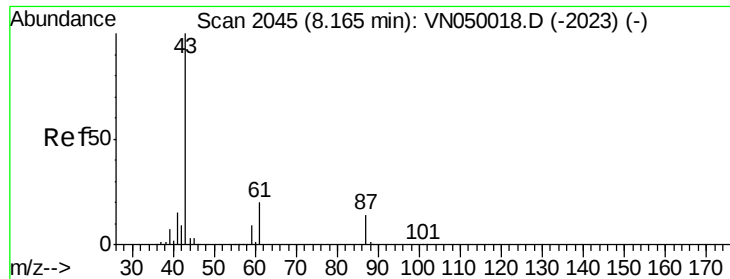
#35
 Dibromofluoromethane
 Concen: 47.179 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050252.D
 Acq: 1 Aug 2018 16:25

Tgt Ion:113 Resp: 418594
 Ion Ratio Lower Upper
 113 100
 111 101.2 80.7 121.1
 192 21.5 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: 26.655 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050252.D

Acq: 1 Aug 2018 16:25

Instrument :

MSVOA_N

ClientSampleId :

FS-RO-226

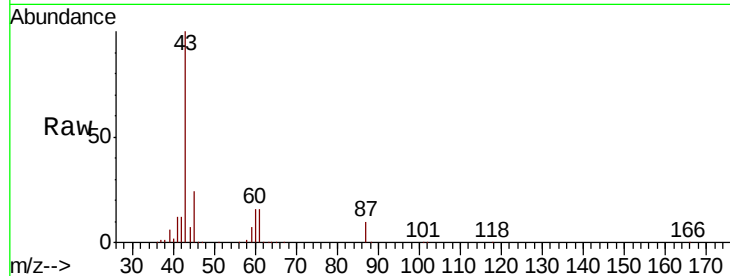
Tot Ion: 43 Resp: 437321

Ion Ratio Lower Upper

43 100

61 13.6 15.8 23.6#

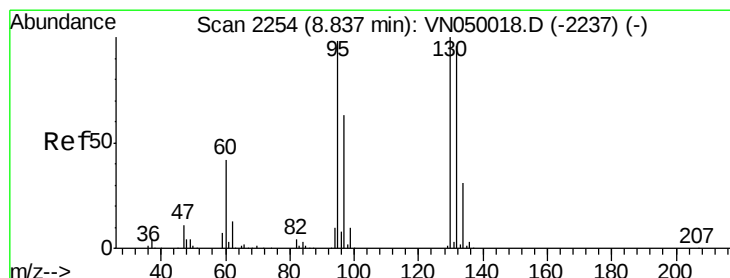
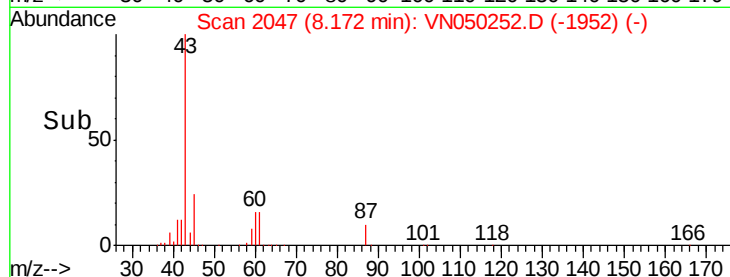
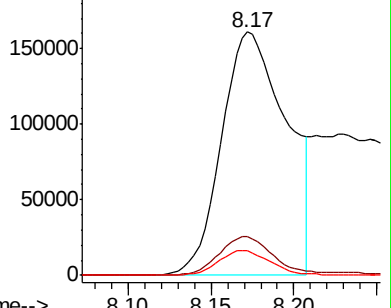
87 8.3 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2023) (-)

Ion 61.00 (60.70 to 61.70): VN050018.D (-2023) (-)

Ion 87.00 (86.70 to 87.70): VN050018.D (-2023) (-)



#44

Trichloroethene

Concen: 2.261 ug/l

RT: 8.84 min Scan# 2255

Delta R.T. 0.00 min

Lab File: VN050252.D

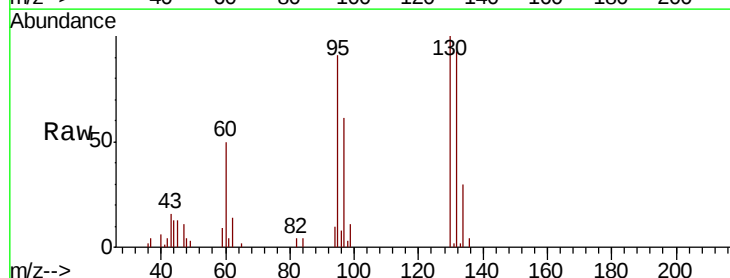
Acq: 1 Aug 2018 16:25

Tgt Ion:130 Resp: 22630

Ion Ratio Lower Upper

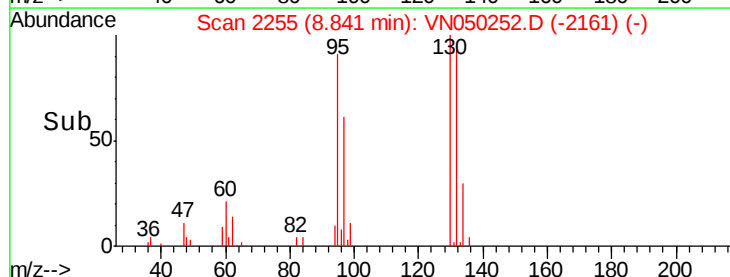
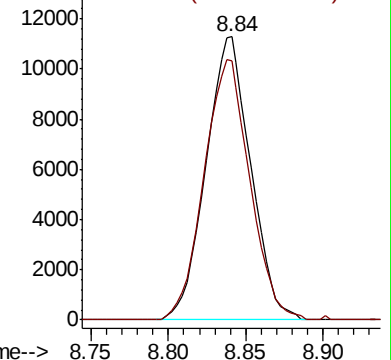
130 100

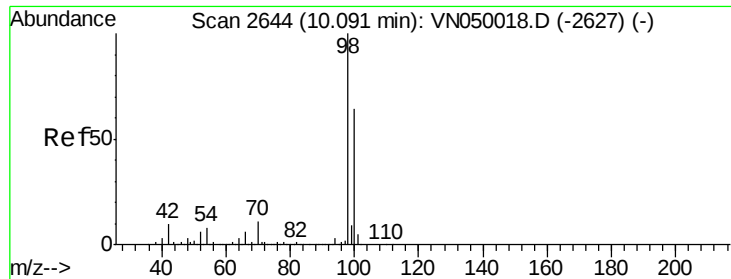
95 91.4 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): VN050018.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050018.D (-2237) (-)





#50

Toluene-d8

Concen: 45.128 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050252.D

Acq: 1 Aug 2018 16:25

Instrument :

MSVOA_N

ClientSampled :

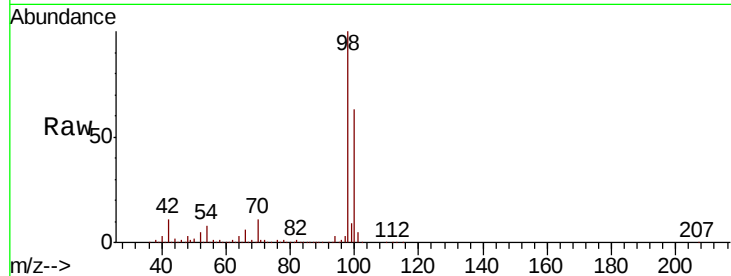
FS-RO-226

Tot Ion: 98 Resp: 1472008

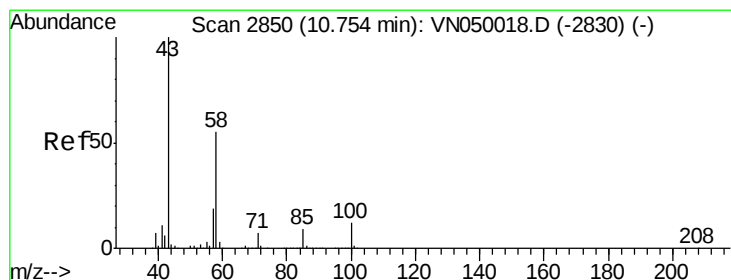
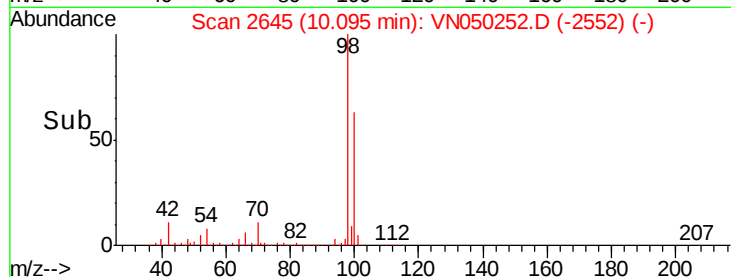
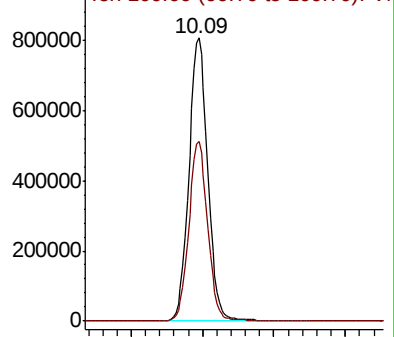
Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)



#59

2-Hexanone

Concen: 8.649 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050252.D

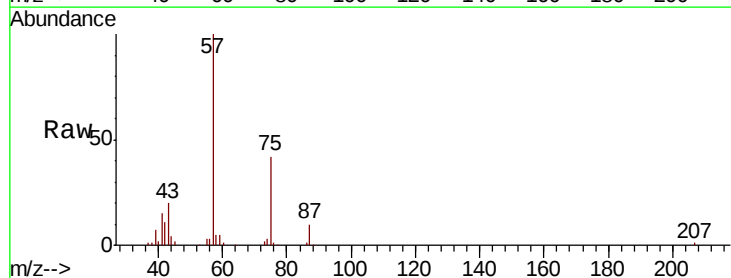
Acq: 1 Aug 2018 16:25

Tgt Ion: 43 Resp: 21876

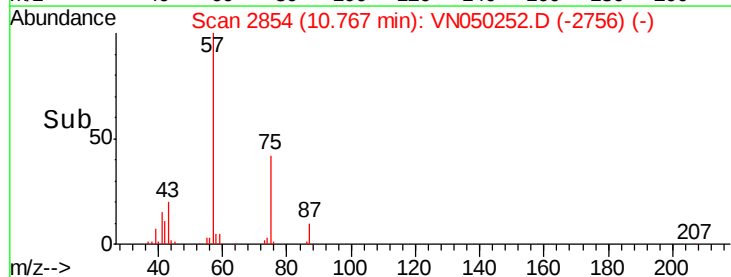
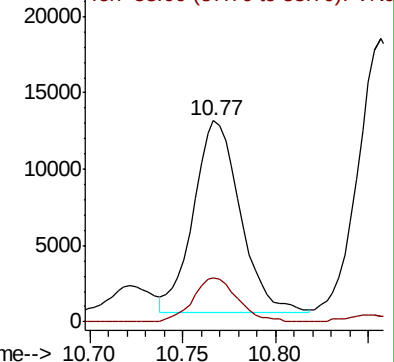
Ion Ratio Lower Upper

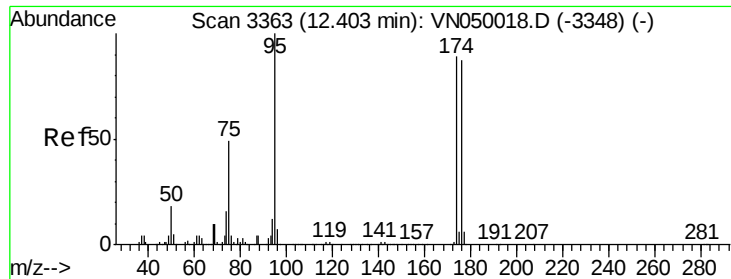
43 100

58 22.1 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2830) (-)





#62

4-Bromofluorobenzene

Concen: 39.036 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050252.D

Acq: 1 Aug 2018 16:25

Instrument :

MSVOA_N

ClientSampleId :

FS-RO-226

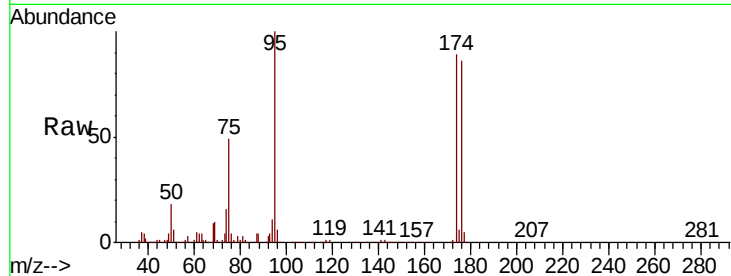
Tot Ion: 95 Resp: 419263

Ion Ratio Lower Upper

95 100

174 91.2 0.0 178.2

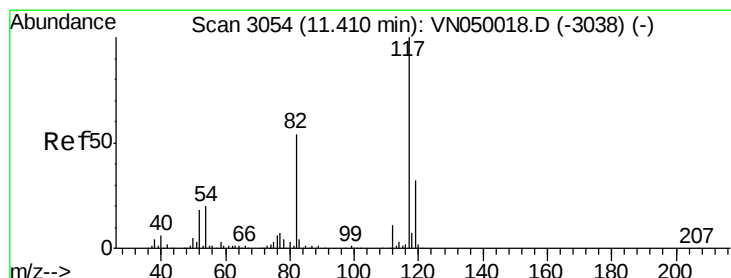
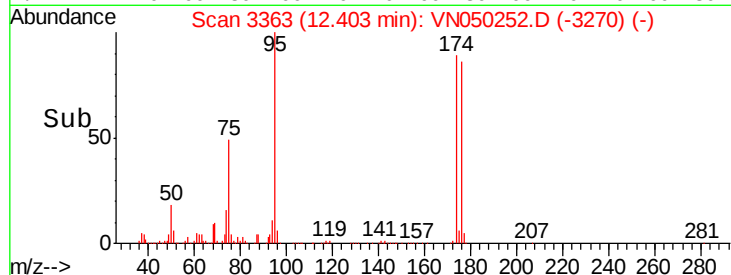
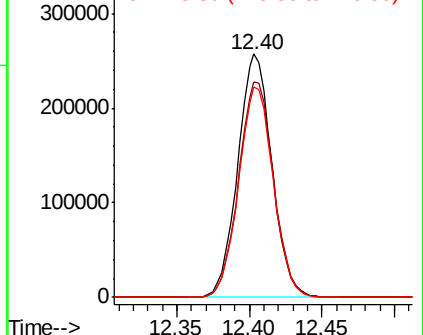
176 88.1 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050252.D

Acq: 1 Aug 2018 16:25

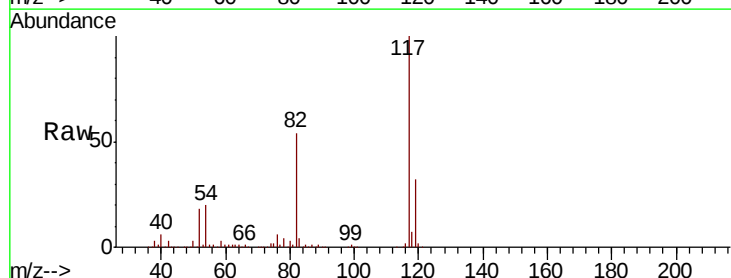
Tgt Ion: 117 Resp: 916828

Ion Ratio Lower Upper

117 100

82 54.0 43.7 65.5

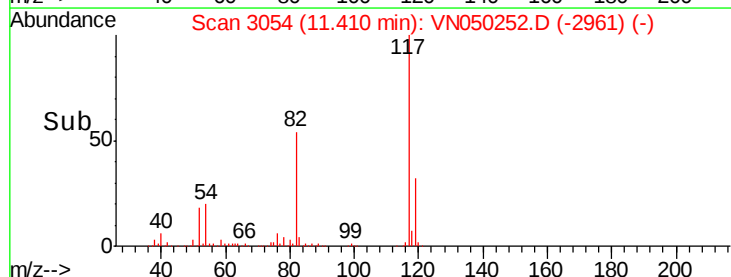
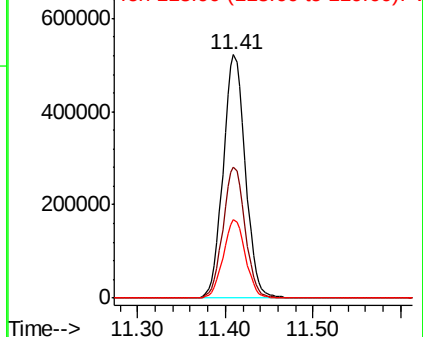
119 32.0 26.1 39.1

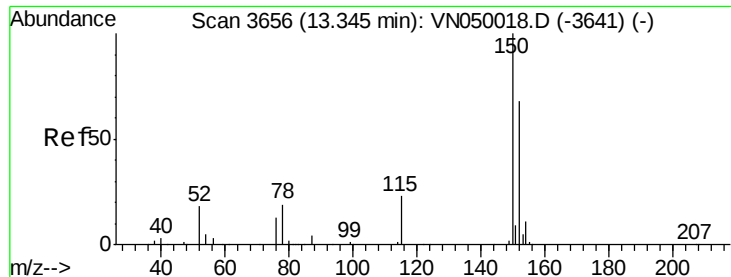


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050252.D

Acq: 1 Aug 2018 16:25

Instrument :

MSVOA_N

ClientSampleId :

FS-RO-226

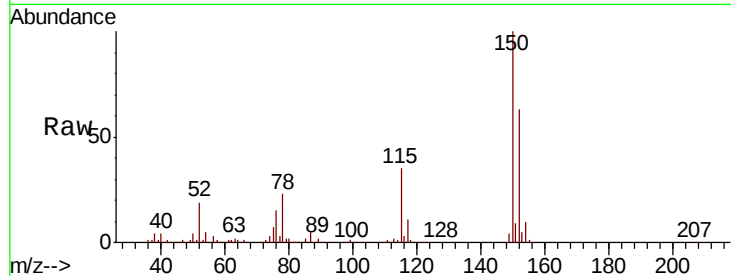
Tot Ion:152 Resp: 387931

Ion Ratio Lower Upper

152 100

115 56.7 27.8 83.3

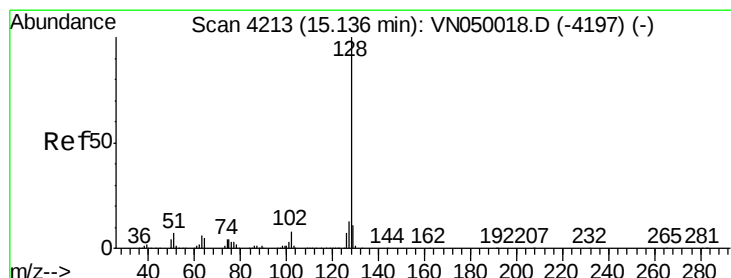
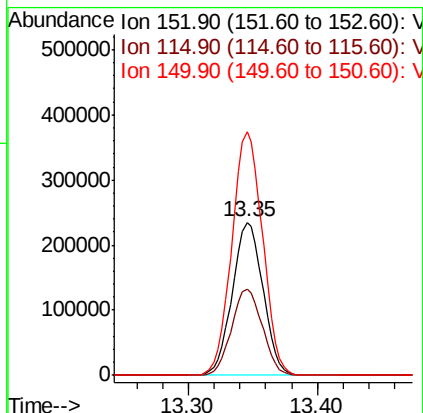
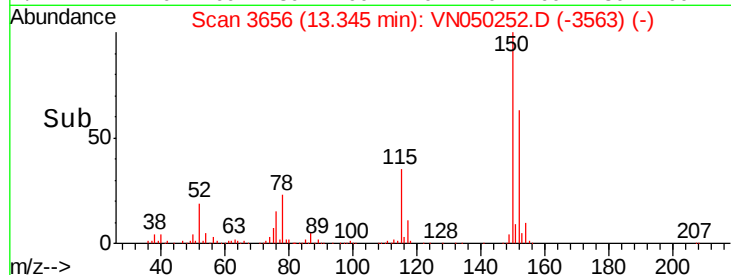
150 159.2 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 239.134 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050252.D

Acq: 1 Aug 2018 16:25

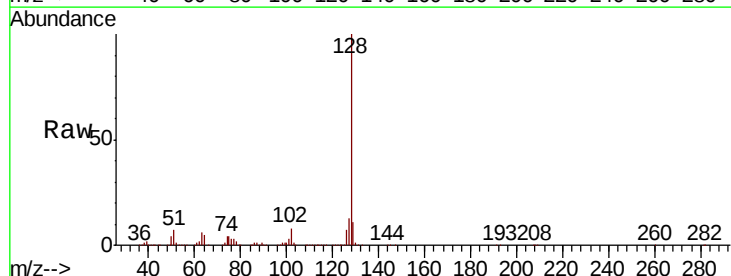
Tgt Ion:128 Resp: 4561144

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 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

