

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050069.D
 Acq On : 26 Jul 2018 2:23
 Operator : MD\SY
 Sample : J4123-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-1-3

Quant Time: Jul 26 07:58:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	616139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1021162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	851786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	342277	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	435027	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
35) Dibromofluoromethane	7.59	113	388204	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	
50) Toluene-d8	10.09	98	1376798	44.92	ug/l	0.00
Spiked Amount			Recovery	=	89.84%	
62) 4-Bromofluorobenzene	12.40	95	393797	39.02	ug/l	0.00
Spiked Amount			Recovery	=	78.04%	

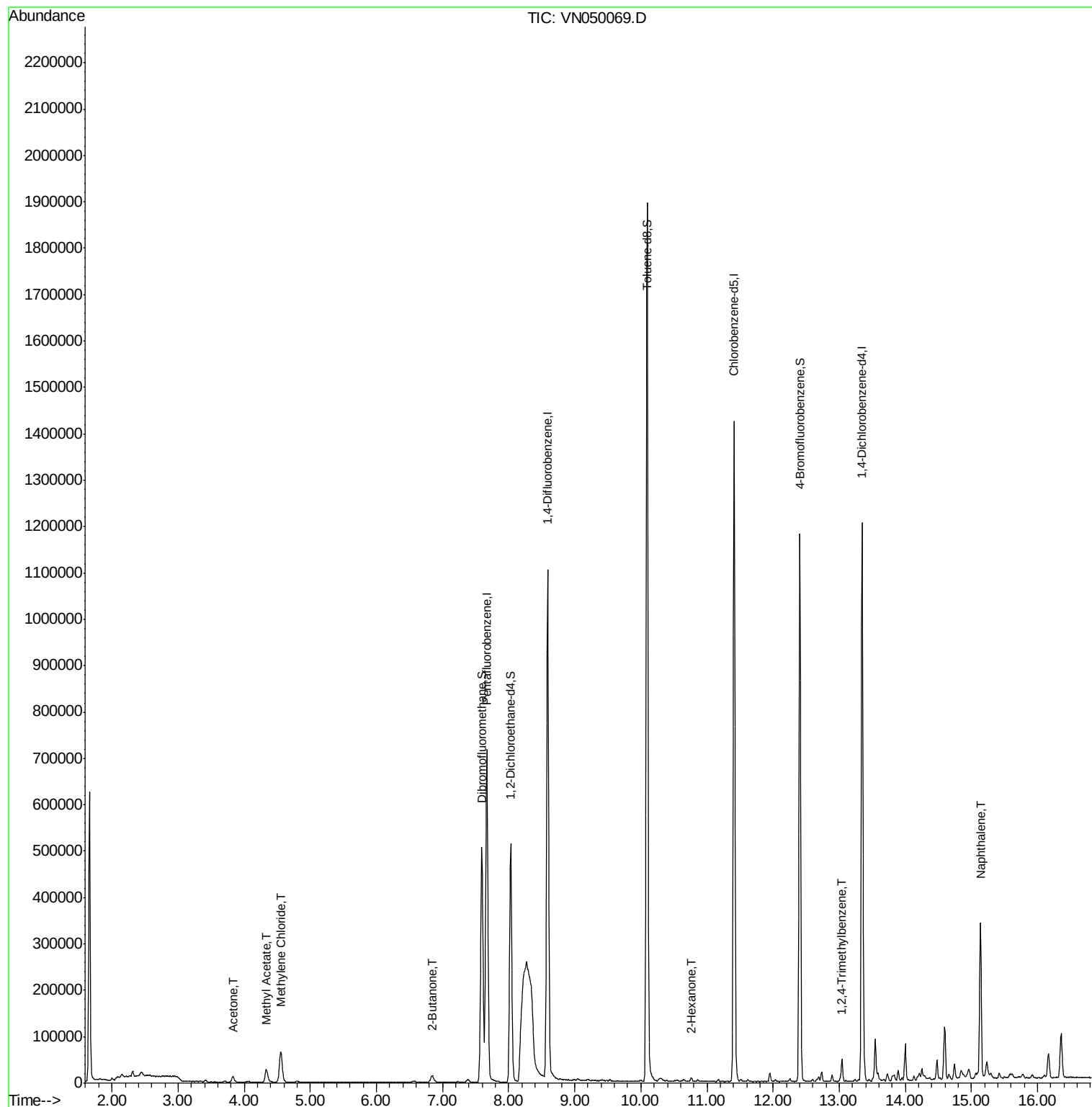
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	21410	6.34	ug/l	97
18) Methyl Acetate	4.33	43	52555	5.21	ug/l	100
20) Methylene Chloride	4.56	84	52586	5.79	ug/l	95
25) 2-Butanone	6.85	43	14311	4.36	ug/l	99
59) 2-Hexanone	10.76	43	4842	5.99	ug/l	88
84) 1,2,4-Trimethylbenzene	13.04	105	26749	1.27	ug/l	94
95) Naphthalene	15.14	128	298478	21.82	ug/l	100

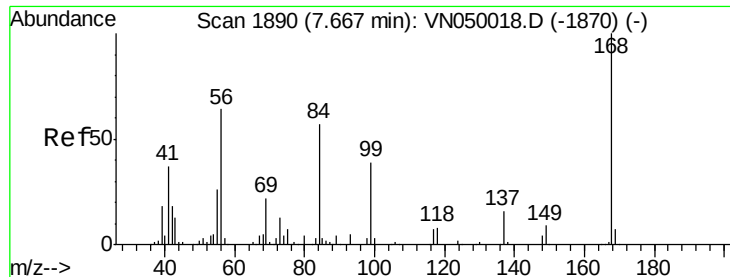
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072518\
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ClientSampleId :
RO-1-3

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 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: VN050069.D

Acq: 26 Jul 2018 2:23

Instrument :

MSVOA_N

ClientSampled :

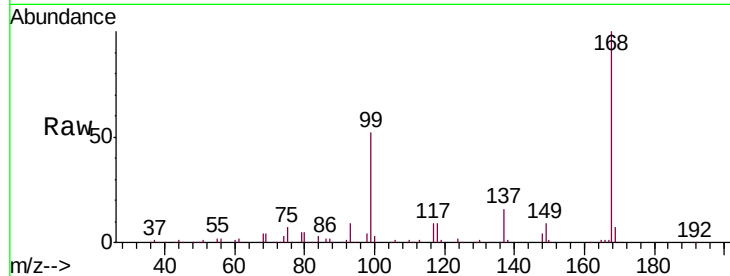
RO-1-3

Tot Ion:168 Resp: 616139

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): VN0

7.67

250000

200000

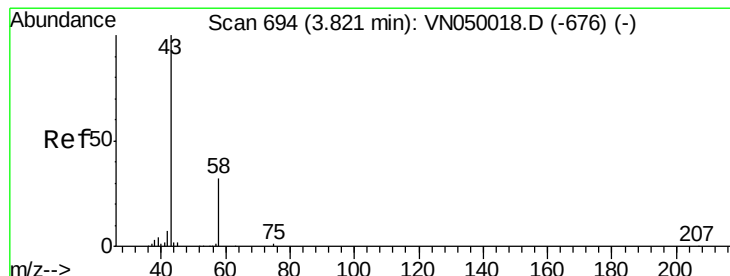
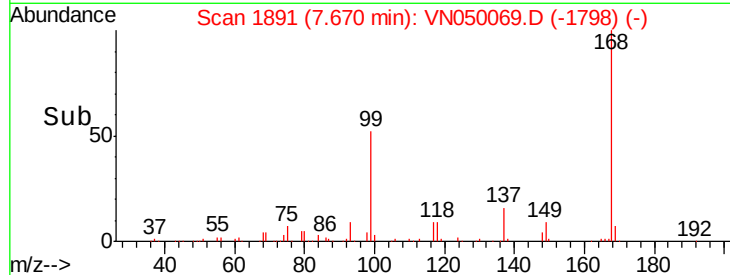
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.34 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050069.D

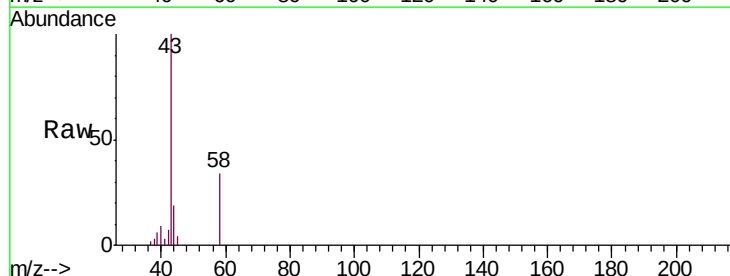
Acq: 26 Jul 2018 2:23

Tgt Ion: 43 Resp: 21410

Ion Ratio Lower Upper

43 100

58 34.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

8000

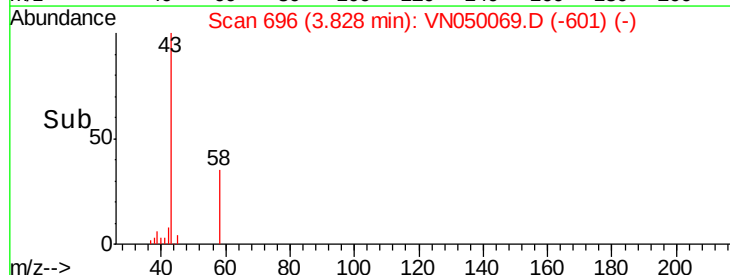
6000

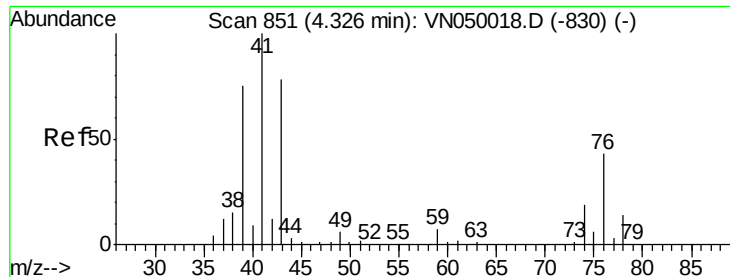
4000

2000

0

Time-->

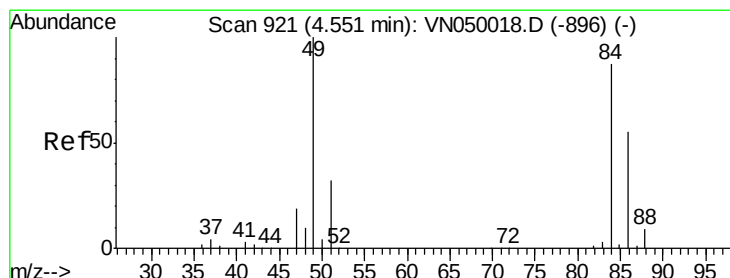
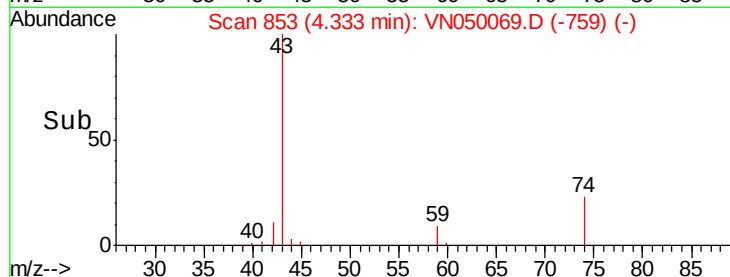
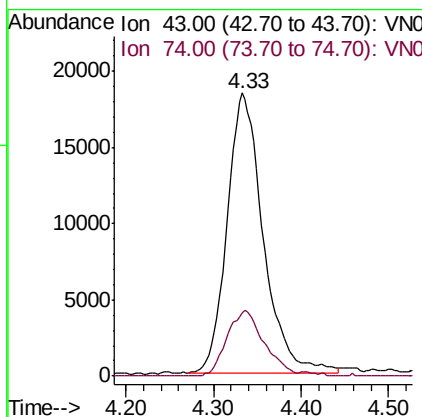
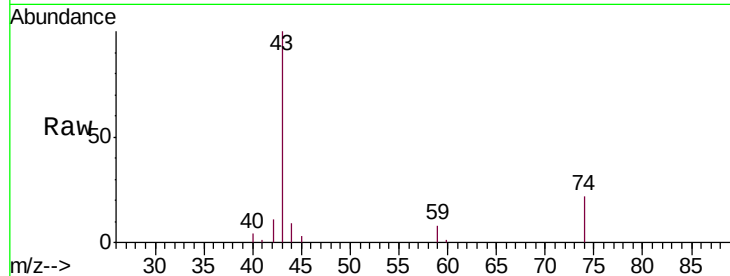




#18
Methvl Acetate
Concen: 5.21 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

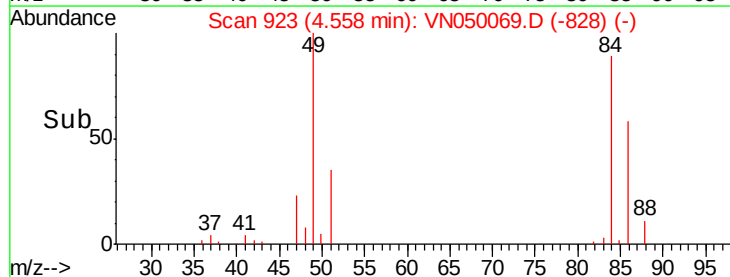
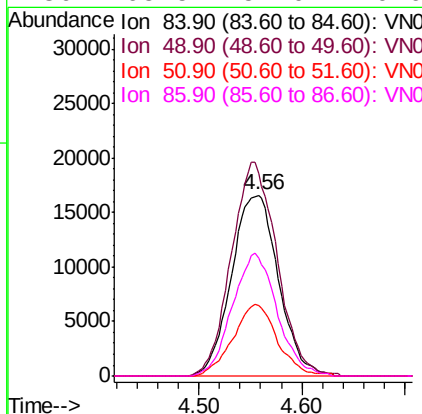
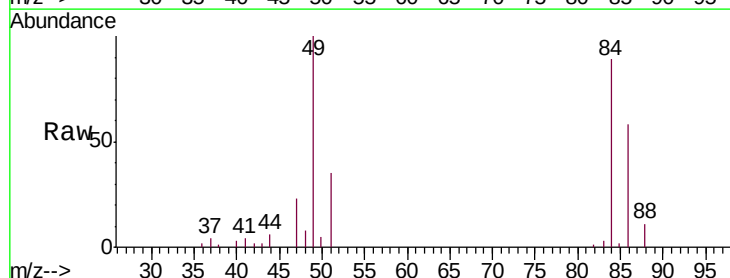
Instrument :
MSVOA_N
ClientSampled :
RO-1-3

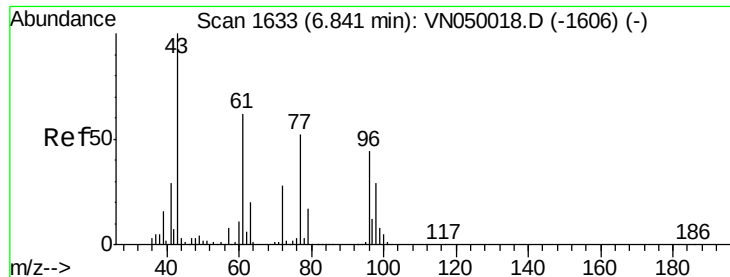
Tot Ion: 43 Resp: 52555
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8



#20
Methylene Chloride
Concen: 5.79 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Tgt Ion: 84 Resp: 52586
Ion Ratio Lower Upper
84 100
49 112.0 94.8 142.2
51 39.2 28.3 42.5
86 65.5 51.0 76.6

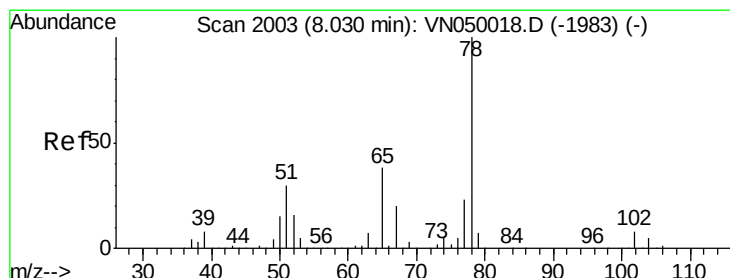
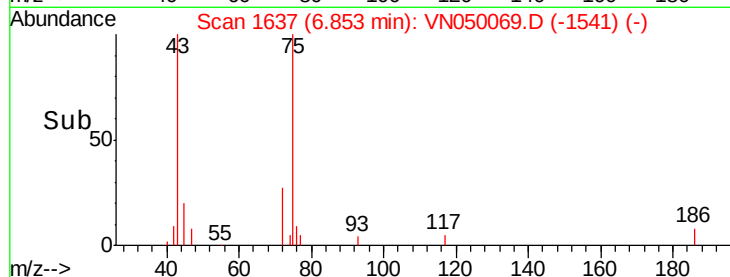
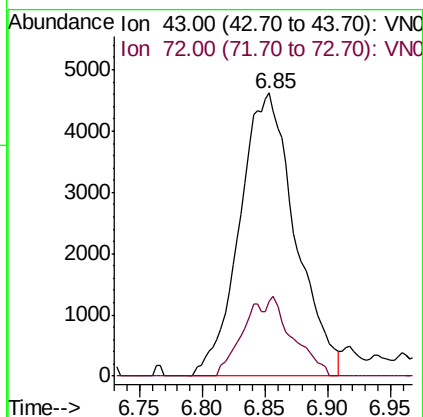
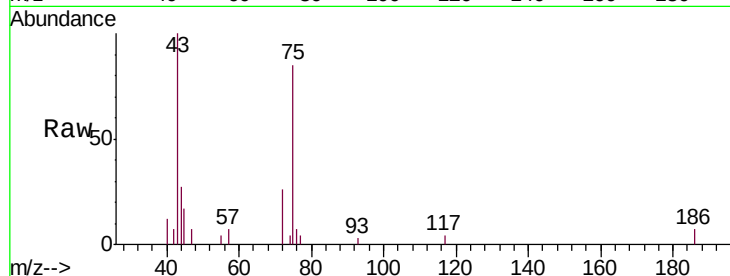




#25
 2-Butanone
 Concen: 4.36 ug/l
 RT: 6.85 min Scan# 1637
 Delta R.T. 0.01 min
 Lab File: VN050069.D
 Acq: 26 Jul 2018 2:23

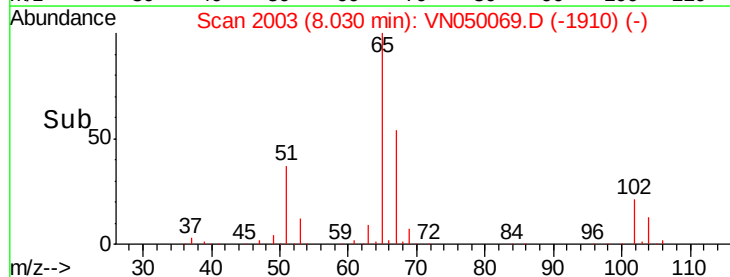
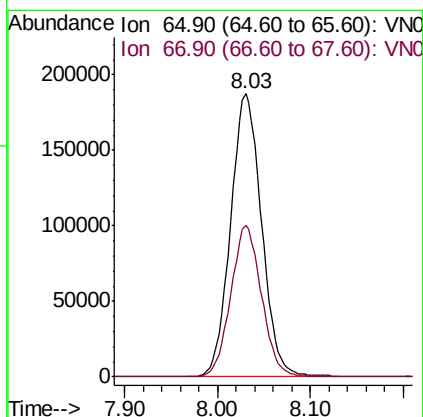
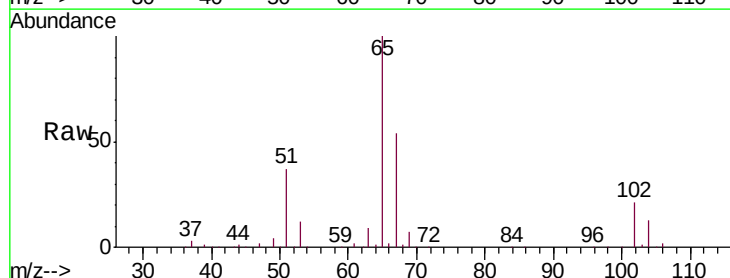
Instrument :
 MSVOA_N
 ClientSampled :
 RO-1-3

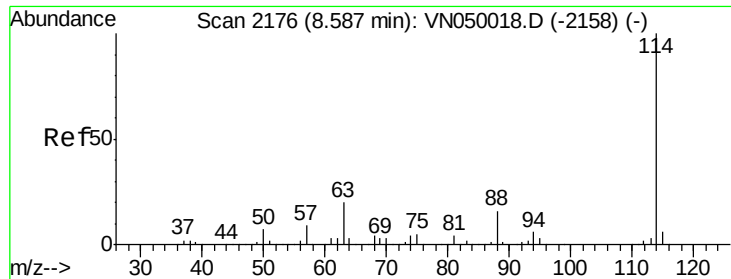
Tot Ion: 43 Resp: 14311
 Ion Ratio Lower Upper
 43 100
 72 26.5 21.5 32.3



#33
 1,2-Dichloroethane-d4
 Concen: 50.60 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050069.D
 Acq: 26 Jul 2018 2:23

Tgt Ion: 65 Resp: 435027
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.4



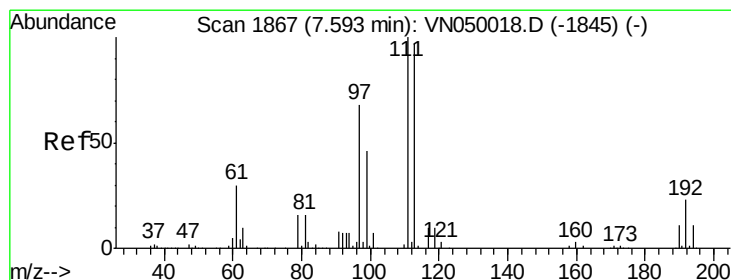
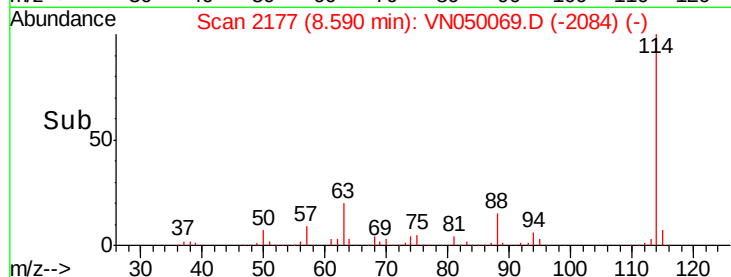
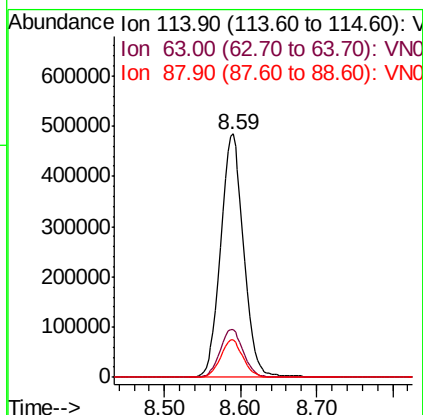
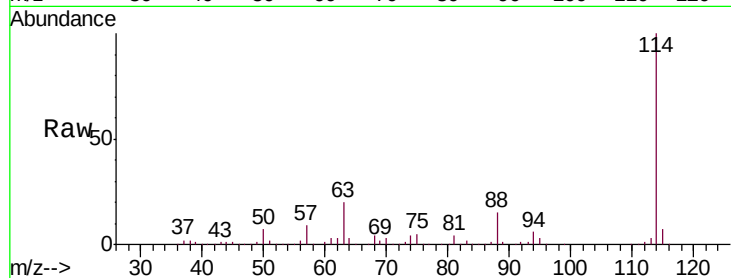


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050069.D
 Acq: 26 Jul 2018 2:23

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-1-3

Tot Ion:114 Resp: 1021162

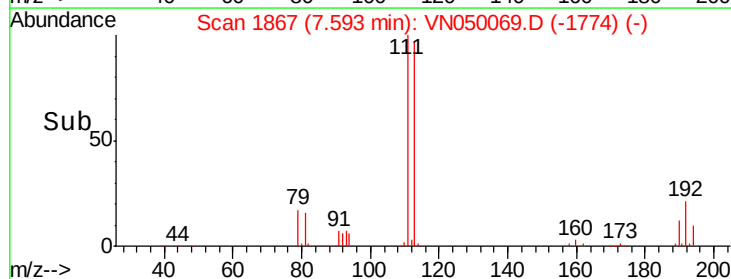
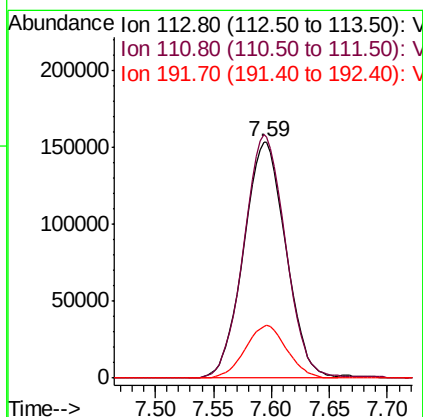
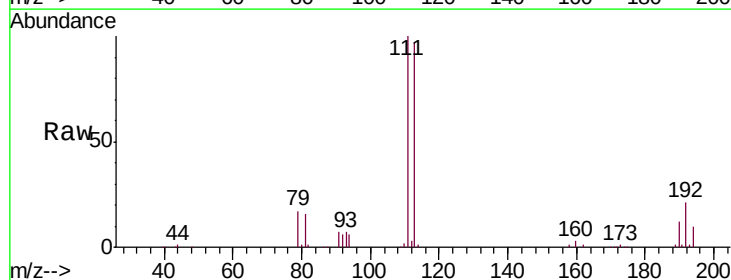
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.0
88	15.2	0.0	31.2

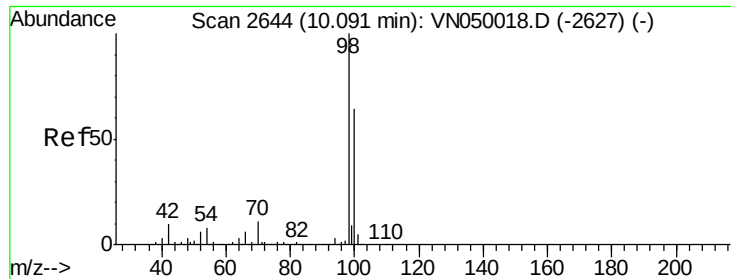


#35
 Dibromofluoromethane
 Concen: 46.56 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050069.D
 Acq: 26 Jul 2018 2:23

Tgt Ion:113 Resp: 388204

Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.7	121.1
192	22.1	17.8	26.6

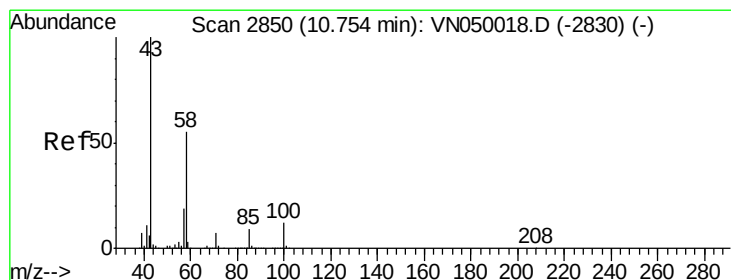
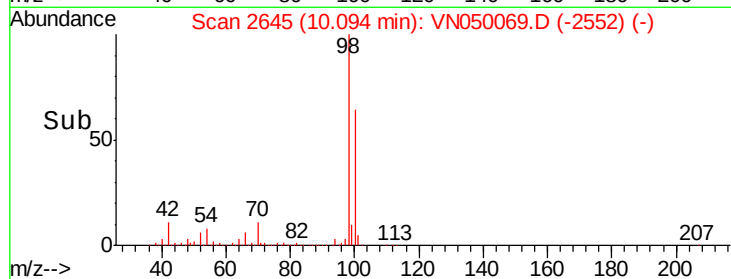
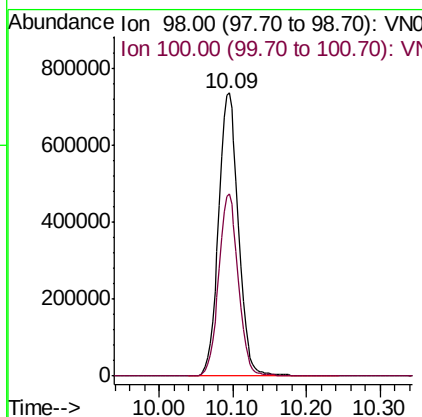
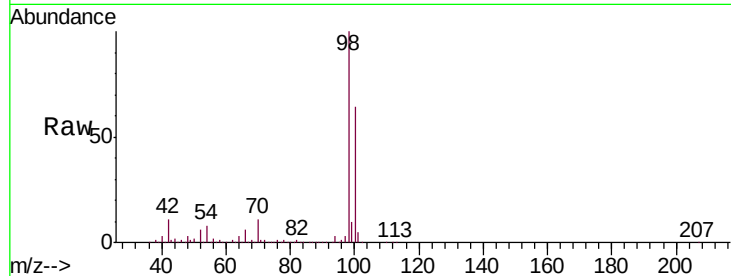




#50
Toluene-d8
Concen: 44.92 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

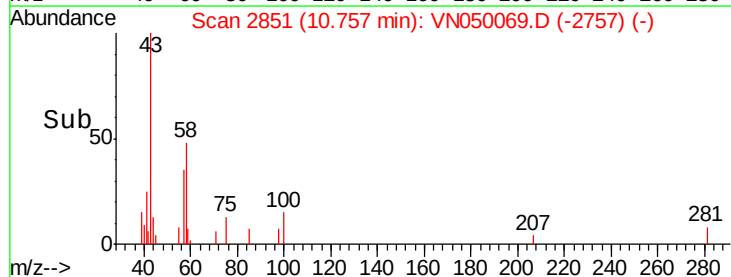
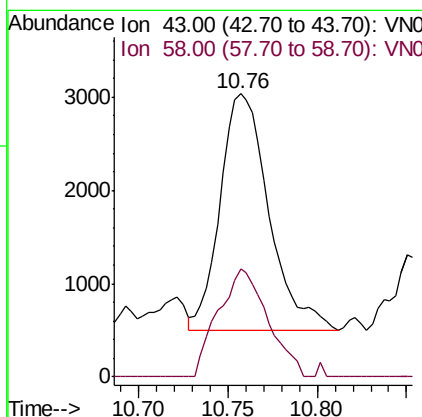
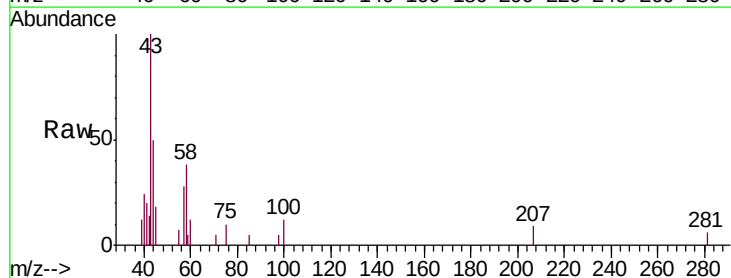
Instrument :
MSVOA_N
ClientSampled :
RO-1-3

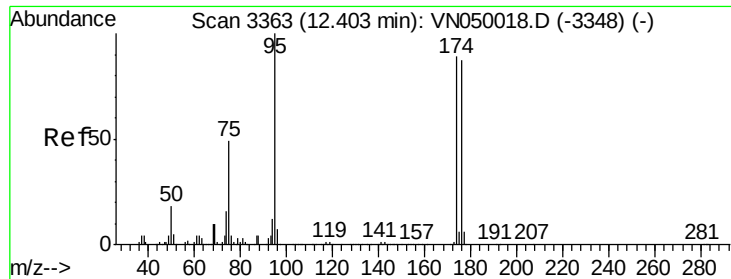
Tot Ion: 98 Resp: 1376798
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#59
2-Hexanone
Concen: 5.99 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Tgt Ion: 43 Resp: 4842
Ion Ratio Lower Upper
43 100
58 46.1 27.6 82.7

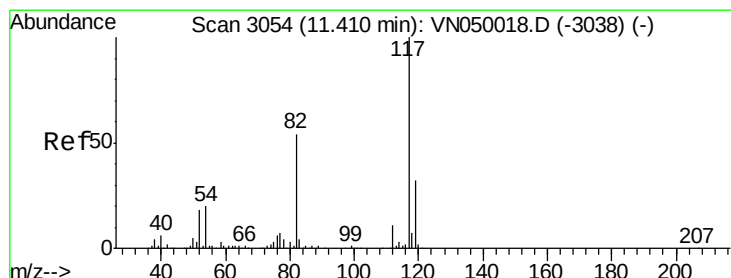
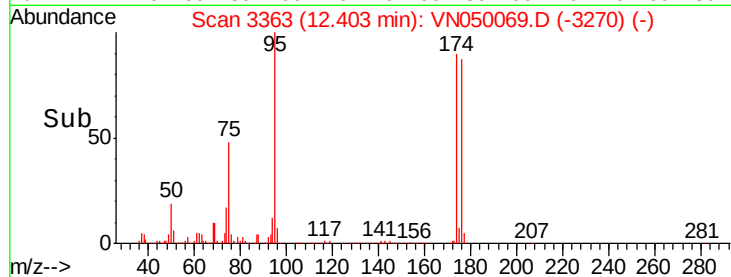
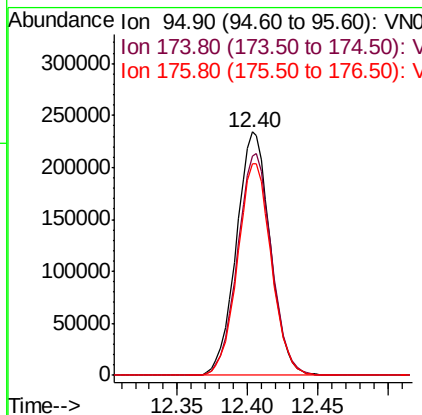
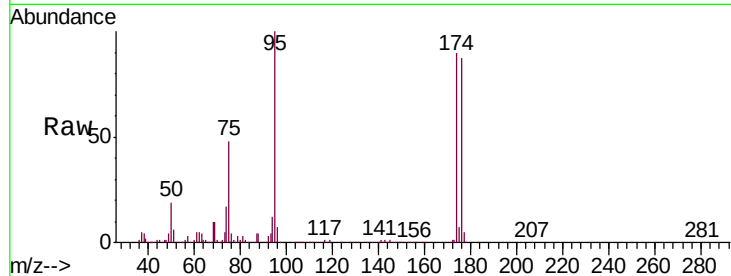




#62
4-Bromofluorobenzene
Concen: 39.02 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

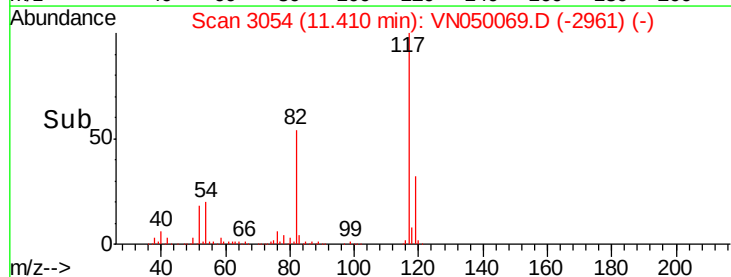
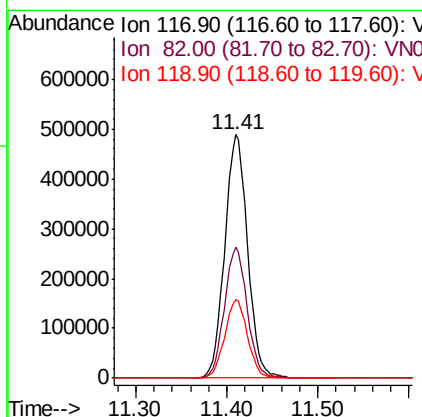
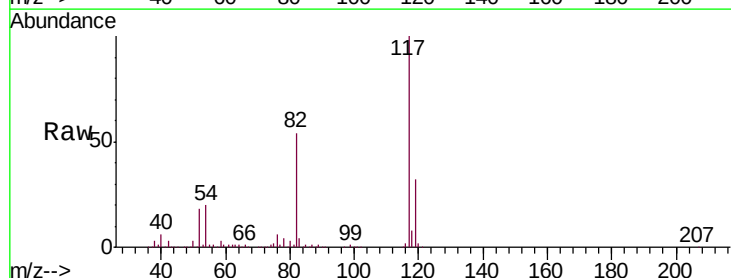
Instrument :
MSVOA_N
ClientSampled :
RO-1-3

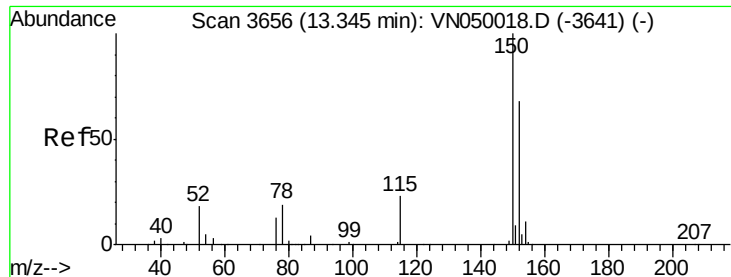
Tot Ion: 95 Resp: 393797
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 86.7 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Tgt Ion: 117 Resp: 851786
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.4 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: VN050069.D

Acq: 26 Jul 2018 2:23

Instrument :

MSVOA_N

ClientSampled :

RO-1-3

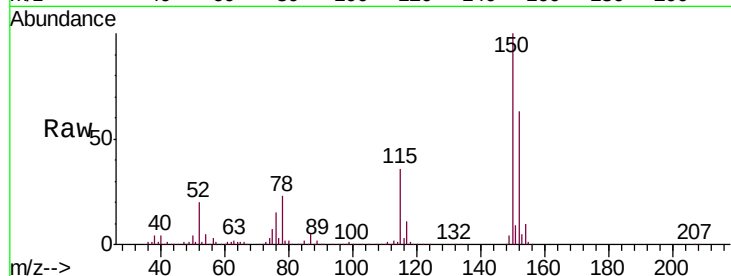
Tot Ion:152 Resp: 342277

Ion Ratio Lower Upper

152 100

115 56.7 27.8 83.3

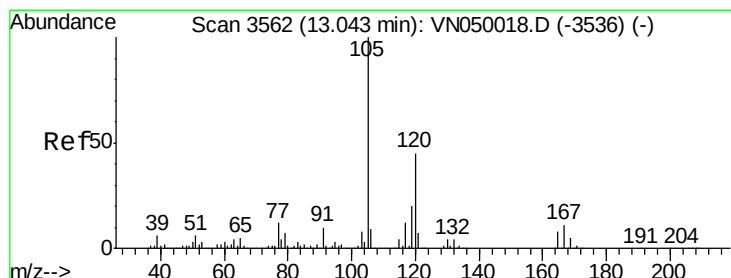
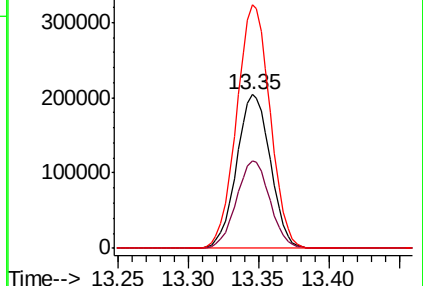
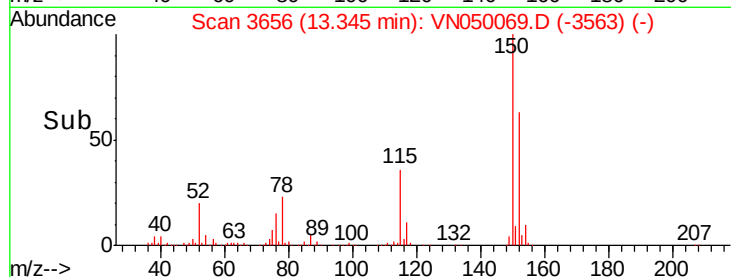
150 157.4 0.0 348.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.27 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050069.D

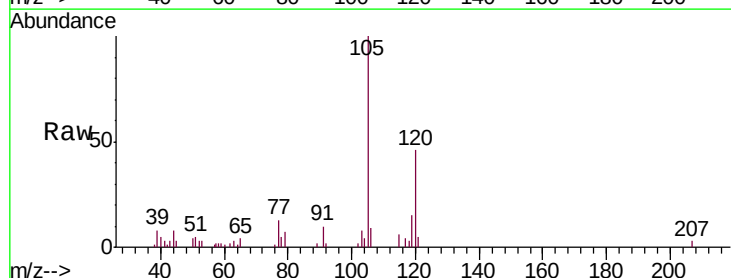
Acq: 26 Jul 2018 2:23

Tgt Ion:105 Resp: 26749

Ion Ratio Lower Upper

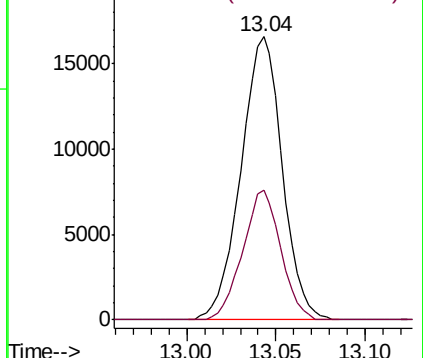
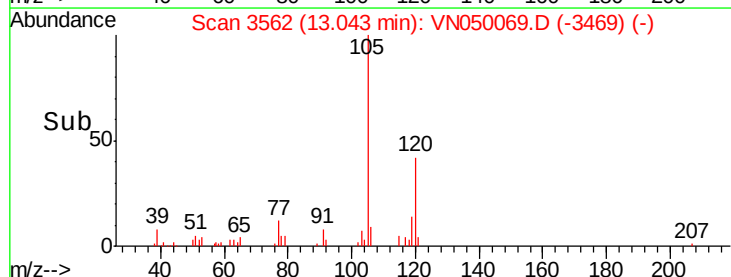
105 100

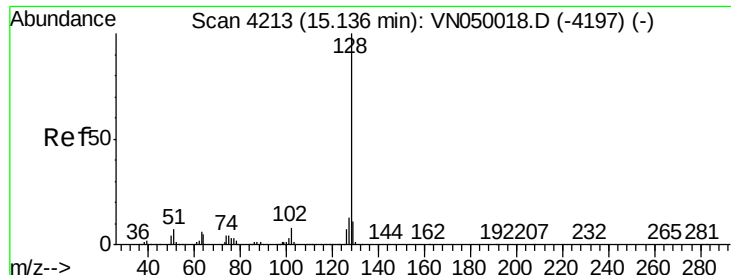
120 42.1 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

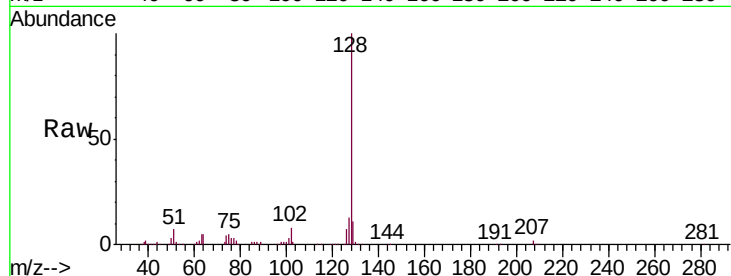




#95
Naphthalene
Concen: 21.82 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050069.D
Acq: 26 Jul 2018 2:23

Instrument :
MSVOA_N
ClientSampleId :
RO-1-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	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

