

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050751.D
 Acq On : 18 Aug 2018 4:58
 Operator : MD\SY
 Sample : J4521-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT2286

Quant Time: Aug 18 06:00:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

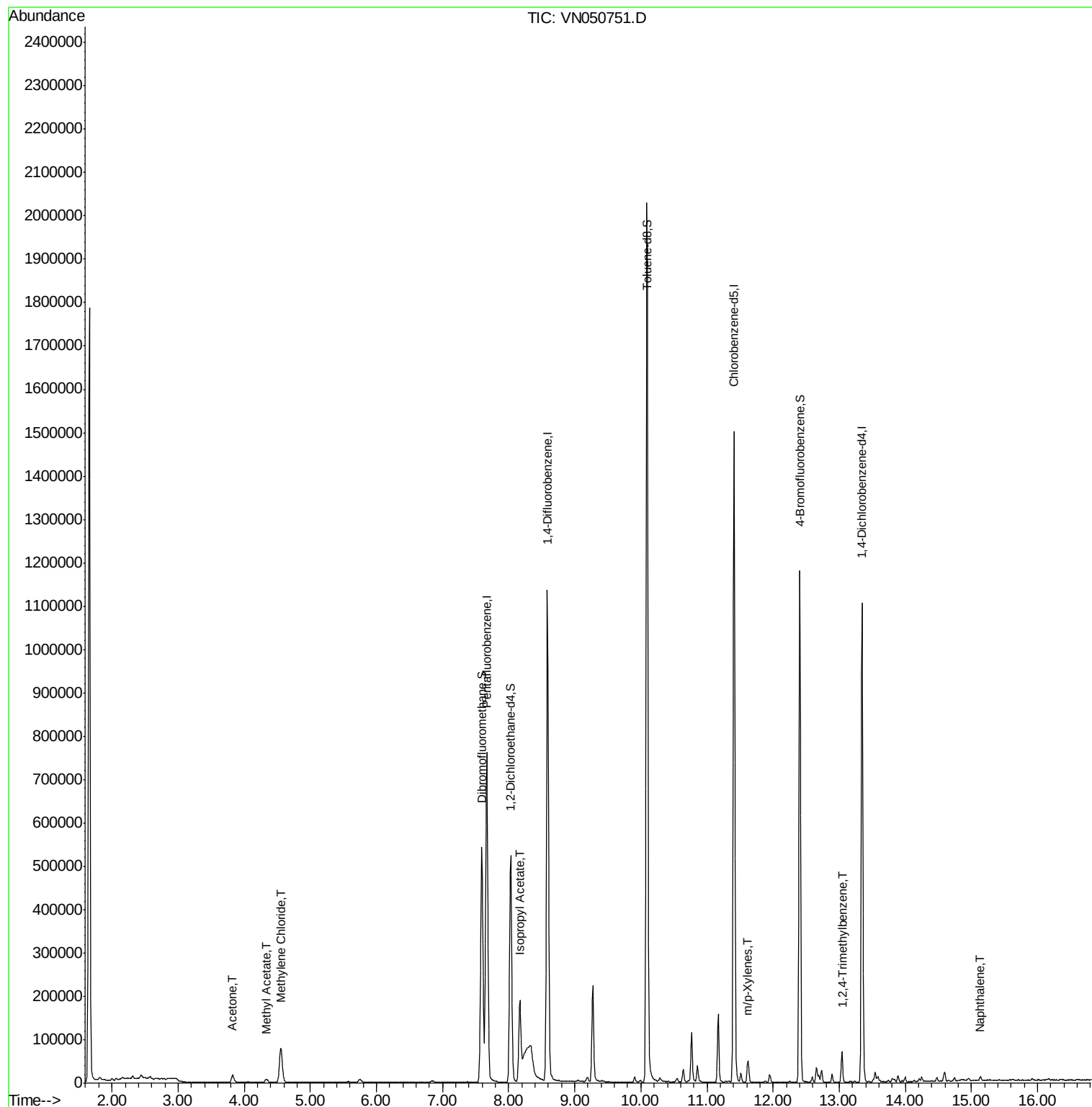
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	659589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1071401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	918260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317548	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	439948	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
35) Dibromofluoromethane	7.59	113	419551	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	10.09	98	1479212	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
62) 4-Bromofluorobenzene	12.40	95	398794	37.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.00%	
Target Compounds						
16) Acetone	3.82	43	28948	12.57	ug/l	Qvalue 94
18) Methyl Acetate	4.33	43	15510	1.69	ug/l #	88
20) Methylene Chloride	4.55	84	62804	6.85	ug/l	97
43) Isopropyl Acetate	8.17	43	235622	19.18	ug/l	98
68) m/p-Xylenes	11.62	106	15856	1.12	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	39576	1.98	ug/l	98
95) Naphthalene	15.13	128	8488	4.50	ug/l	98

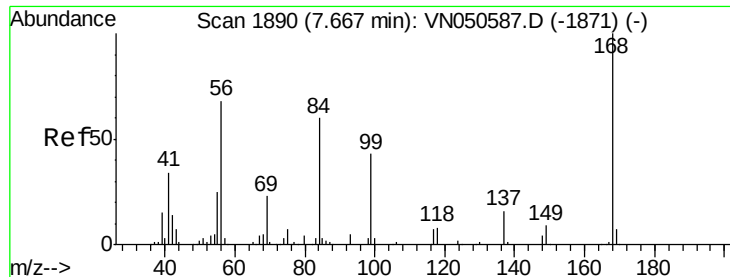
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

ClientSampled :

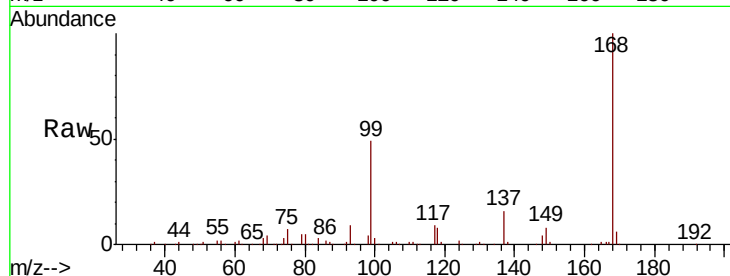
RT2286

Tot Ion:168 Resp: 659589

Ion Ratio Lower Upper

168 100

99 49.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

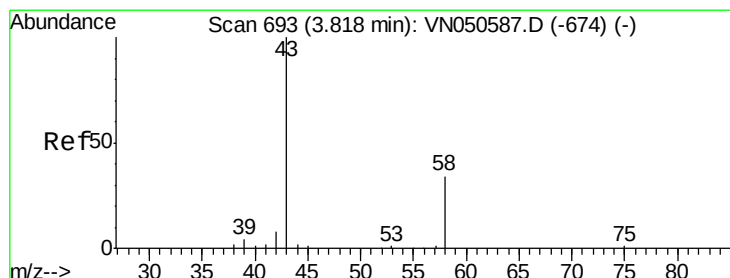
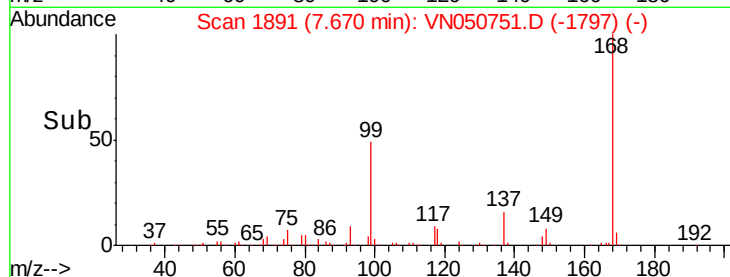
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.57 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050751.D

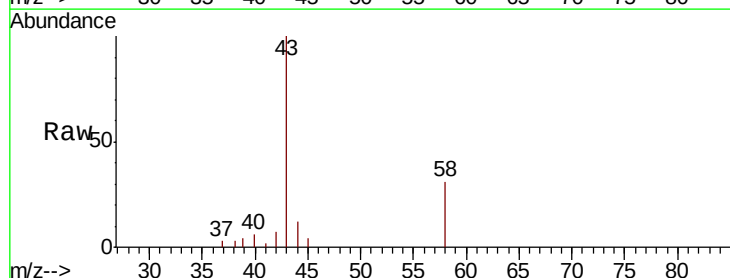
Acq: 18 Aug 2018 4:58

Tgt Ion: 43 Resp: 28948

Ion Ratio Lower Upper

43 100

58 30.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

12000

10000

8000

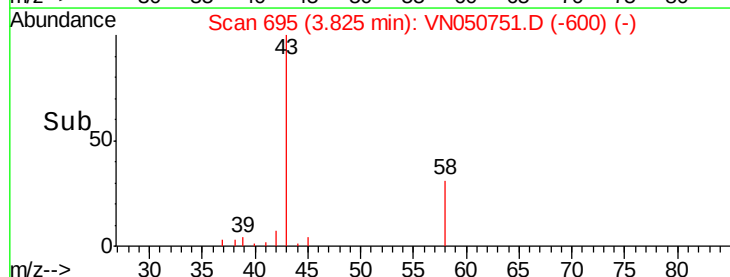
6000

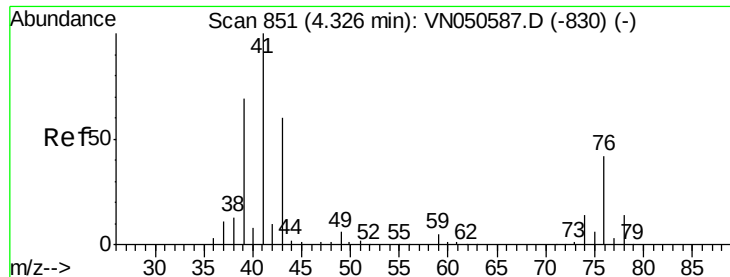
4000

2000

0

Time-->

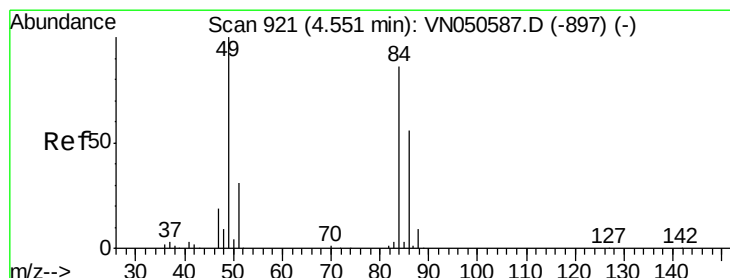
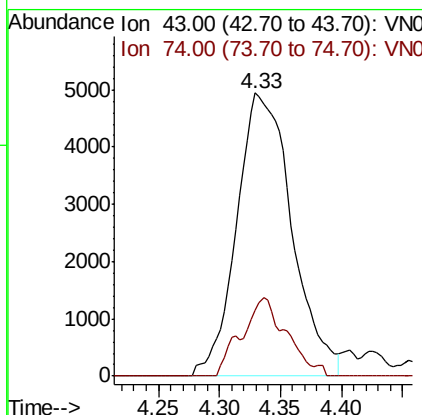
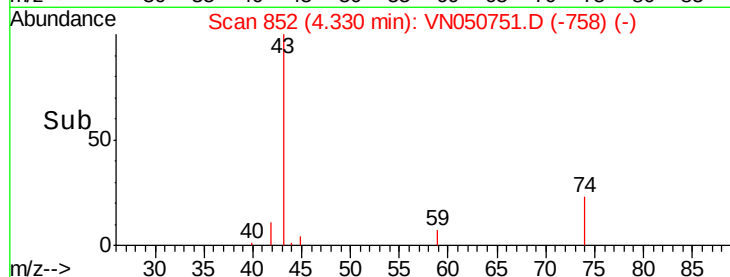
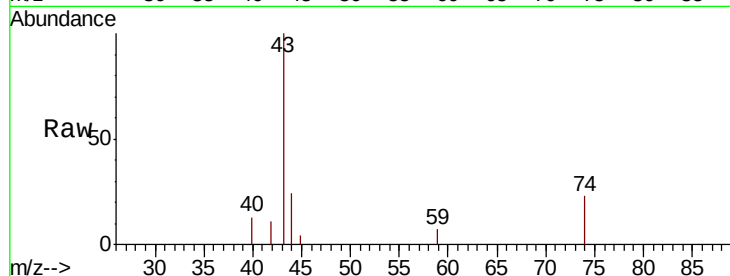




#18
Methyl Acetate
Concen: 1.69 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

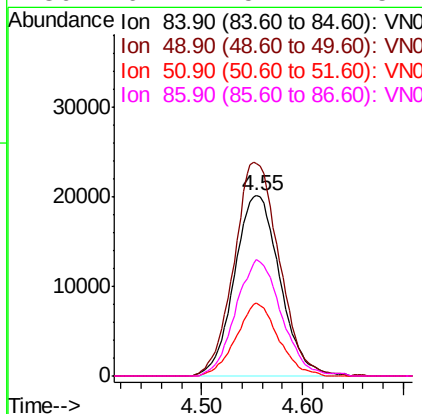
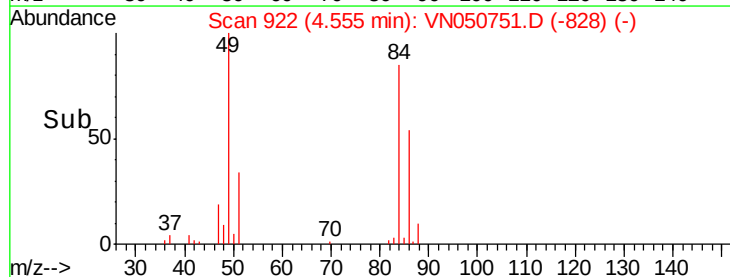
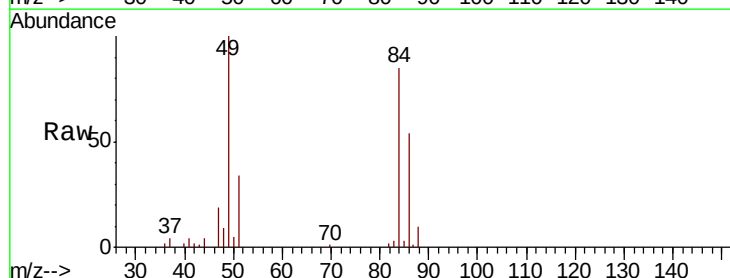
Instrument :
MSVOA_N
ClientSampled :
RT2286

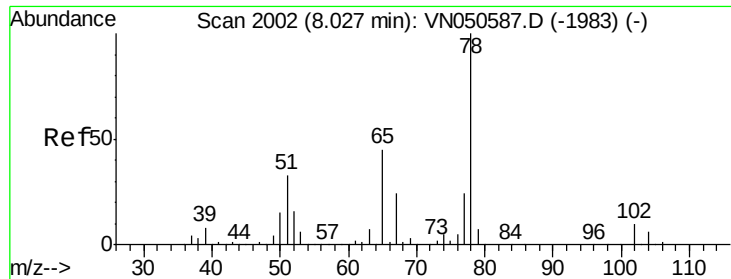
Tot Ion: 43 Resp: 15510
Ion Ratio Lower Upper
43 100
74 18.8 19.7 29.5#



#20
Methylene Chloride
Concen: 6.85 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

Tgt Ion: 84 Resp: 62804
Ion Ratio Lower Upper
84 100
49 118.2 92.6 138.8
51 40.4 28.6 43.0
86 64.4 52.2 78.2

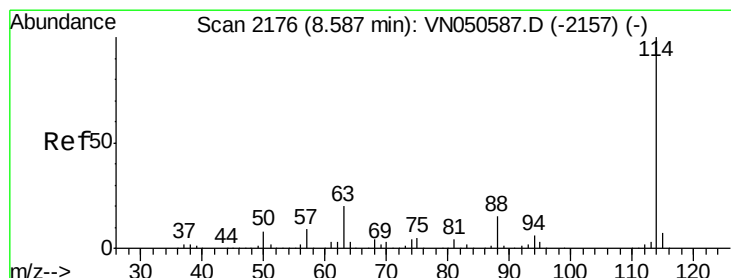
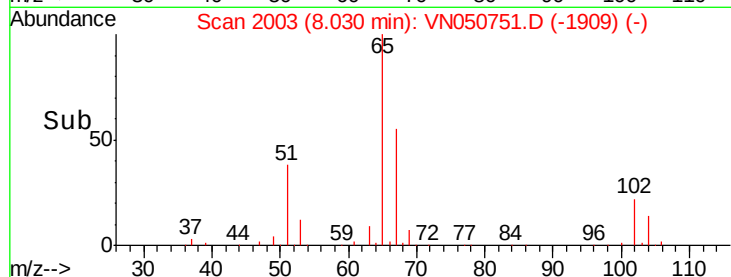
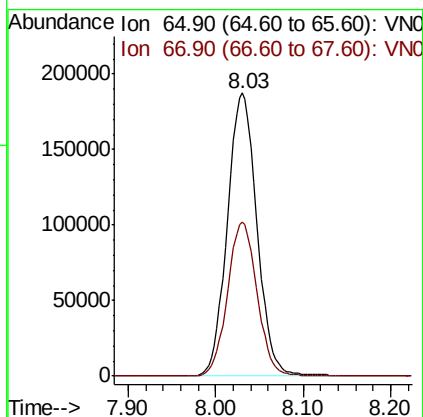
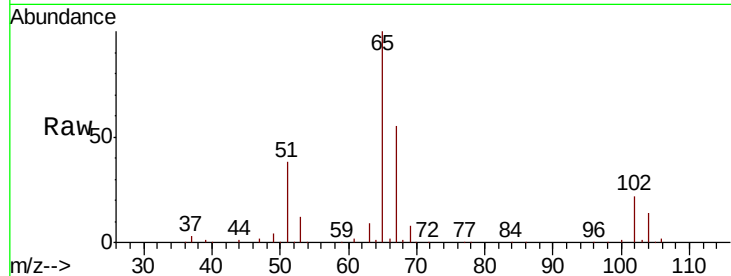




#33
 1,2-Dichloroethane-d4
 Concen: 52.92 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050751.D
 Acq: 18 Aug 2018 4:58

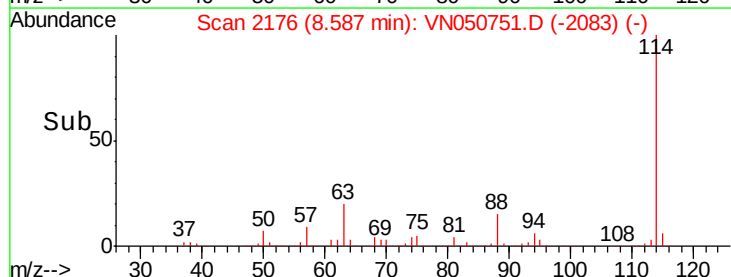
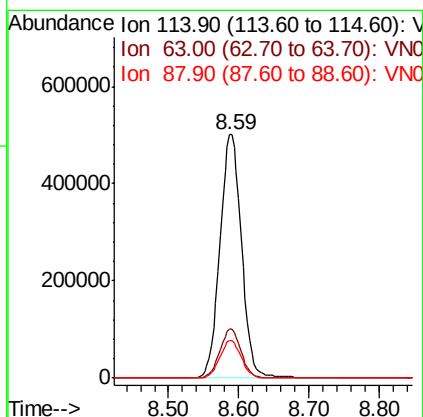
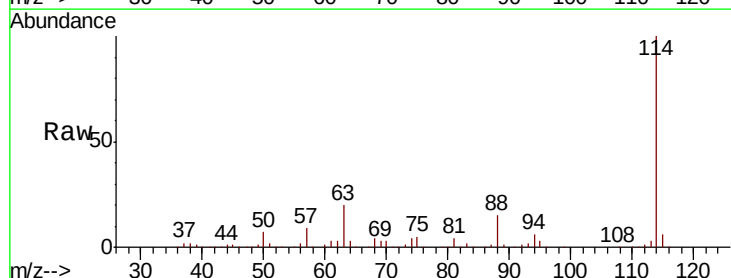
Instrument :
 MSVOA_N
 ClientSampleId :
 RT2286

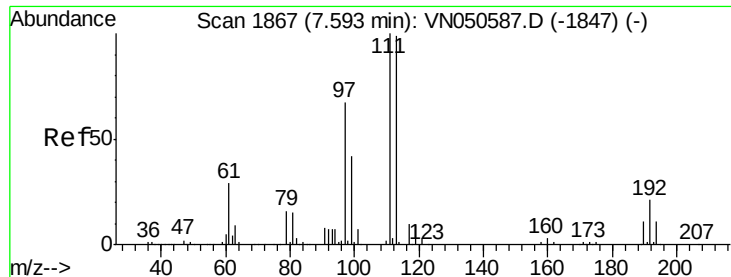
Tot Ion: 65 Resp: 439948
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050751.D
 Acq: 18 Aug 2018 4:58

Tgt Ion: 114 Resp: 1071401
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.4 0.0 30.8

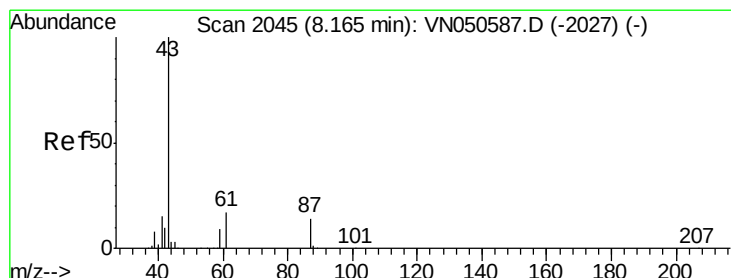
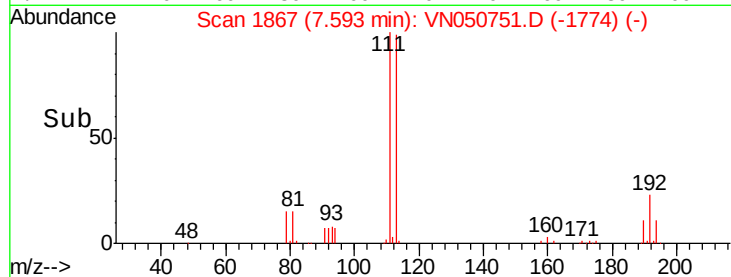
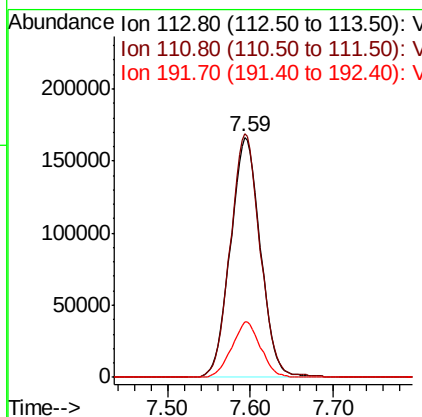
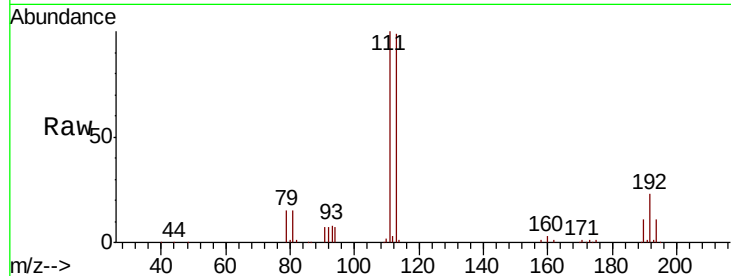




#35
 Dibromofluoromethane
 Concen: 49.05 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050751.D
 Acq: 18 Aug 2018 4:58

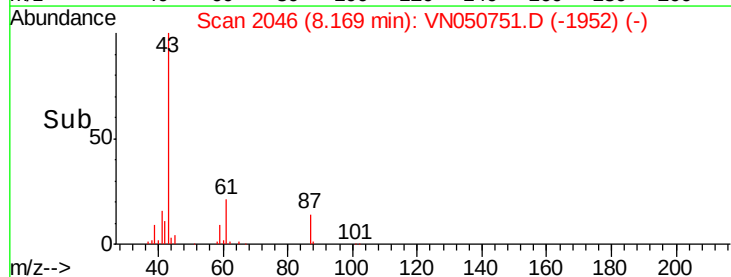
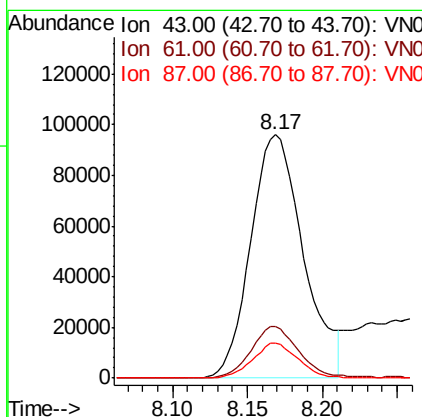
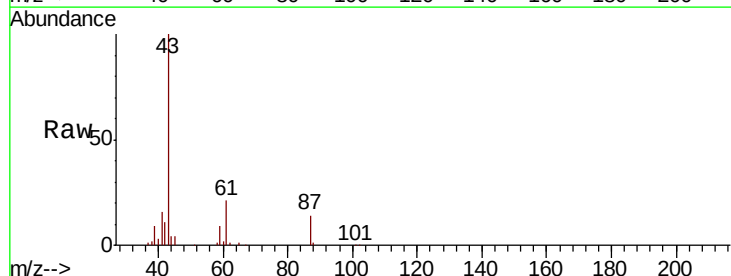
Instrument :
 MSVOA_N
 ClientSampleId :
 RT2286

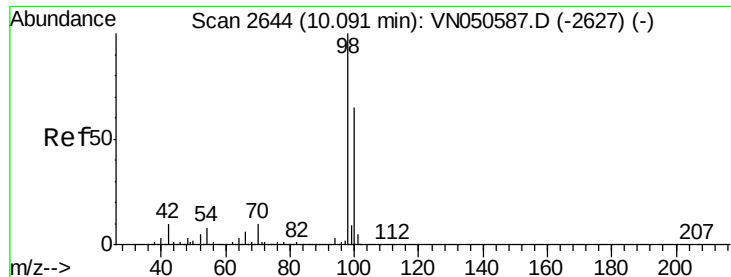
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.0	121.6
192	22.4	17.6	26.4



#43
 Isopropyl Acetate
 Concen: 19.18 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050751.D
 Acq: 18 Aug 2018 4:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.3	16.2	24.2
87	12.5	10.9	16.3

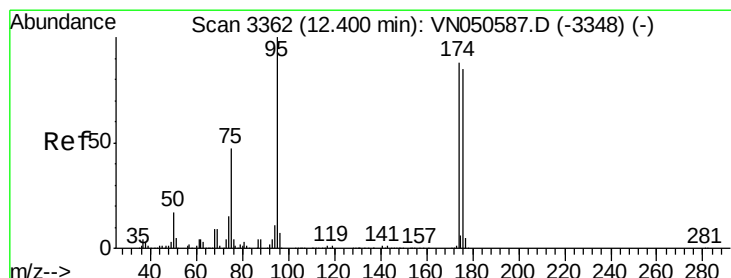
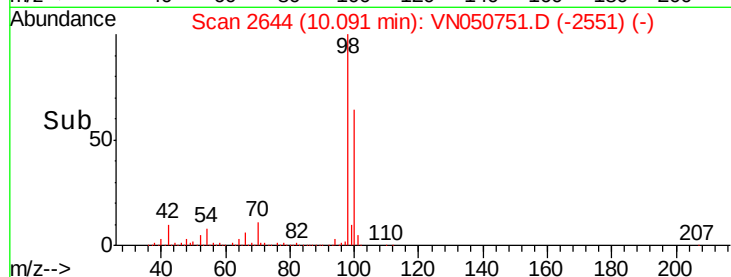
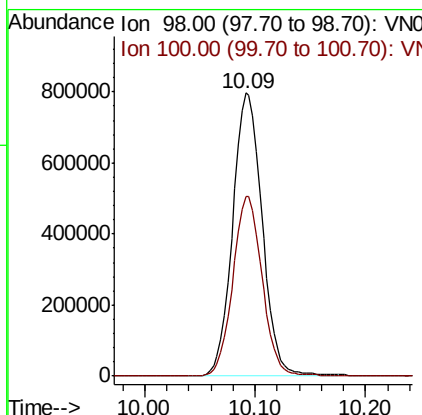
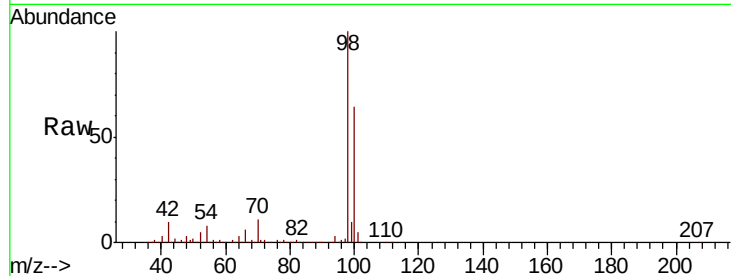




#50
Toluene-d8
Concen: 45.95 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

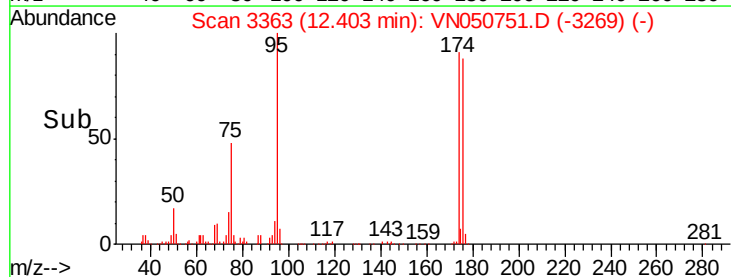
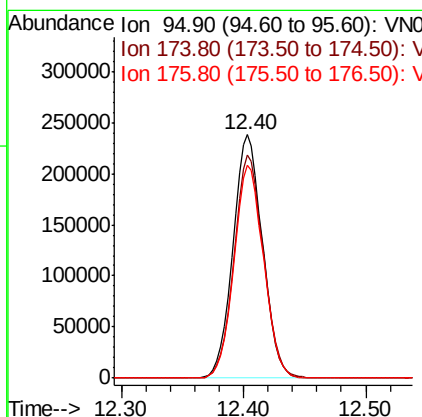
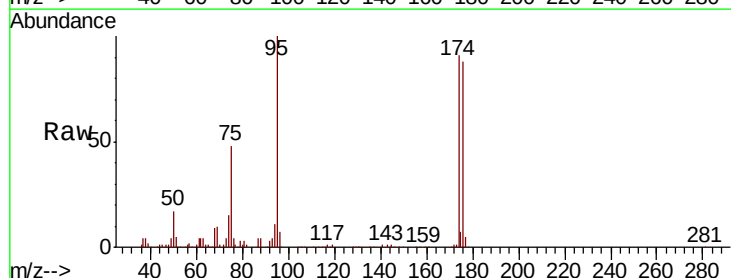
Instrument :
MSVOA_N
ClientSampleId :
RT2286

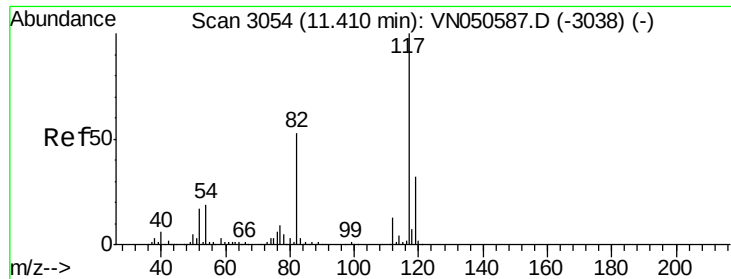
Tot Ion: 98 Resp: 1479212
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 37.50 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

Tgt Ion: 95 Resp: 398794
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.8
176 87.6 0.0 175.0

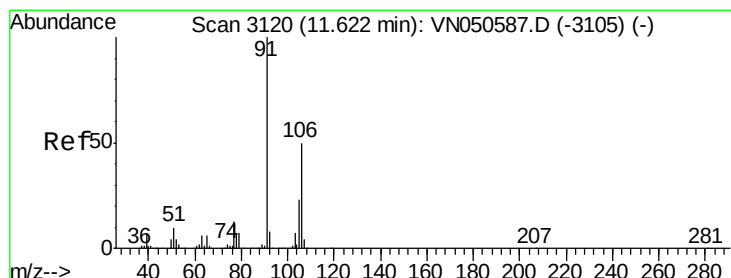
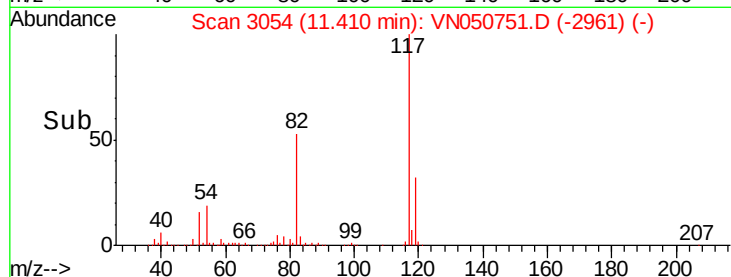
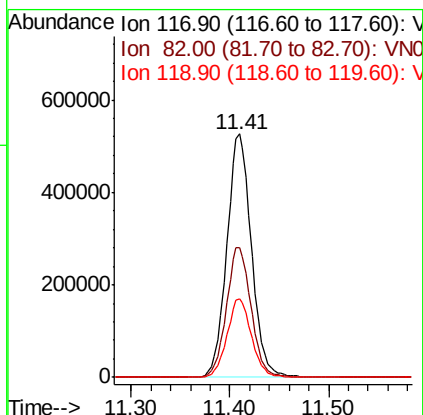
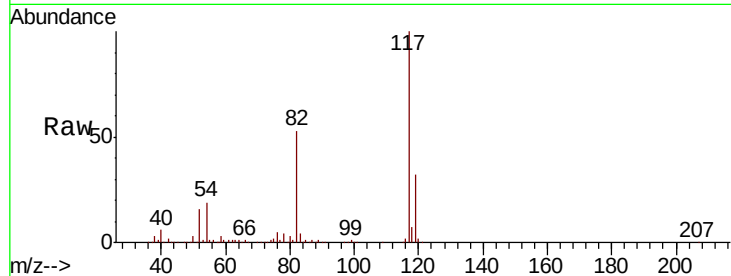




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

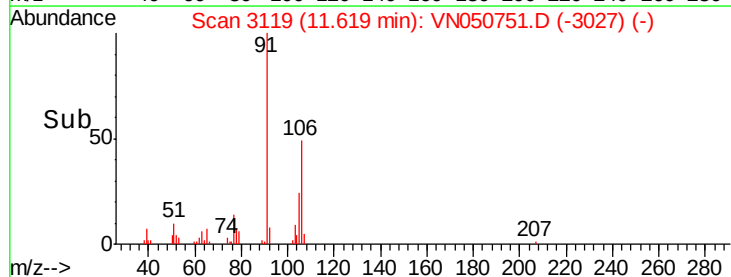
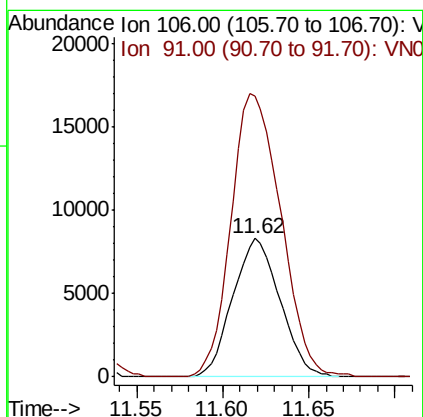
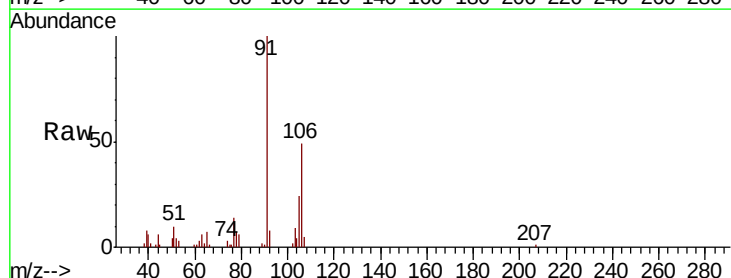
Instrument :
MSVOA_N
ClientSampled :
RT2286

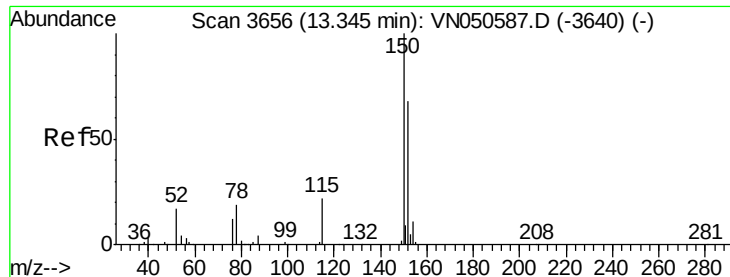
Tot Ion:117 Resp: 918260
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 32.4 25.8 38.8



#68
m/p-Xylenes
Concen: 1.12 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

Tgt Ion:106 Resp: 15856
Ion Ratio Lower Upper
106 100
91 215.8 161.5 242.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

RT2286

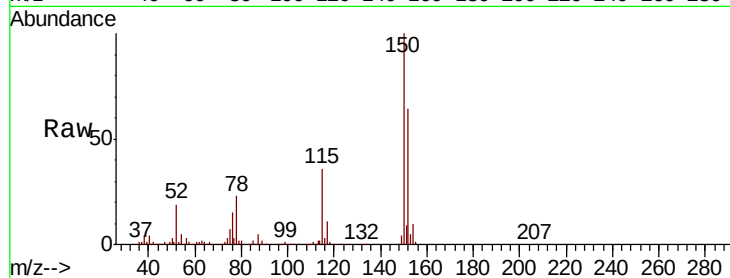
Tot Ion:152 Resp: 317548

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

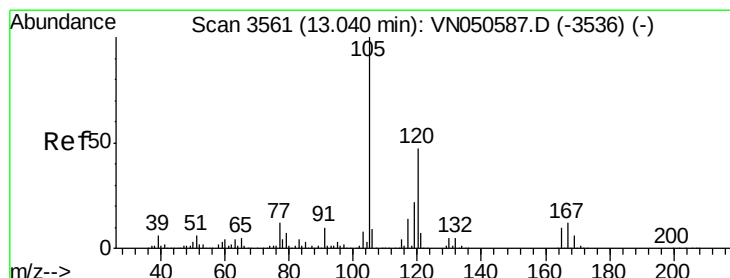
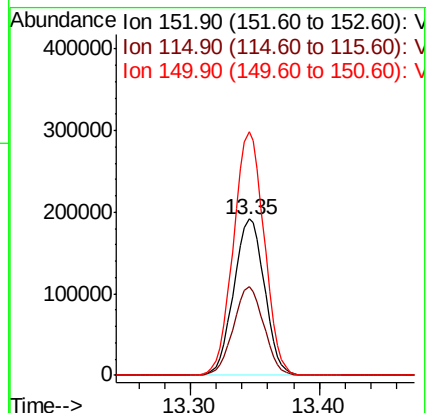
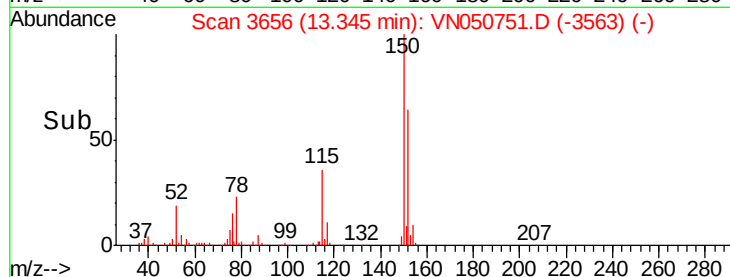
150 155.5 0.0 347.8



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: 1.98 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050751.D

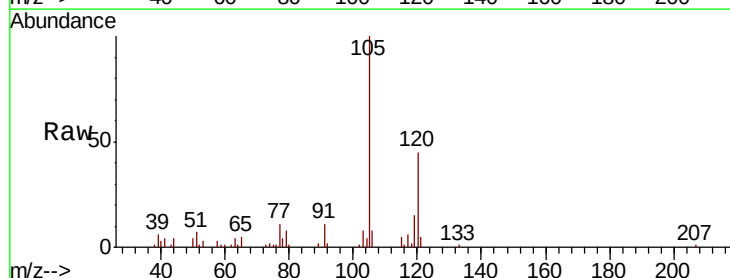
Acq: 18 Aug 2018 4:58

Tgt Ion:105 Resp: 39576

Ion Ratio Lower Upper

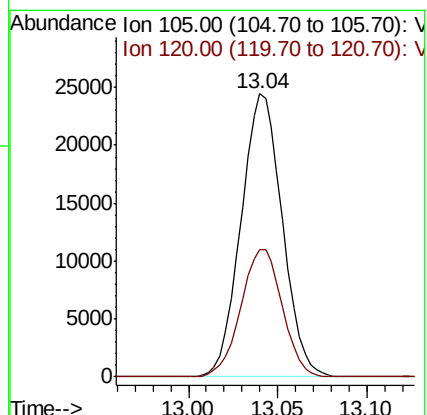
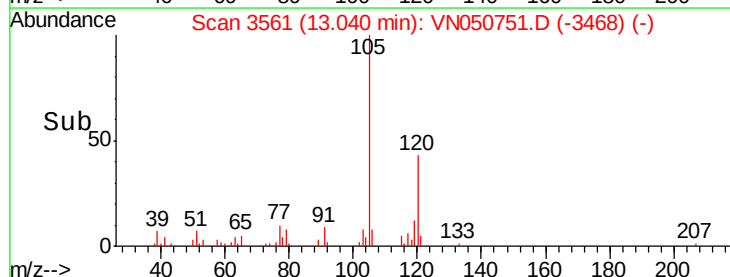
105 100

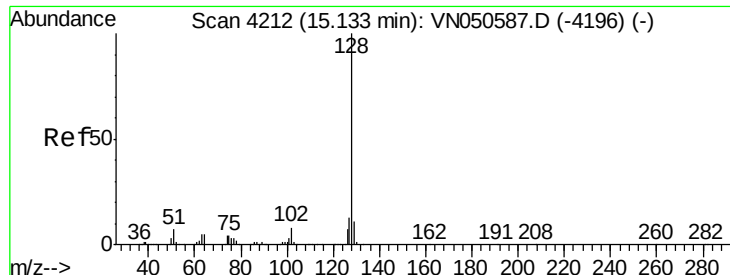
120 45.1 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

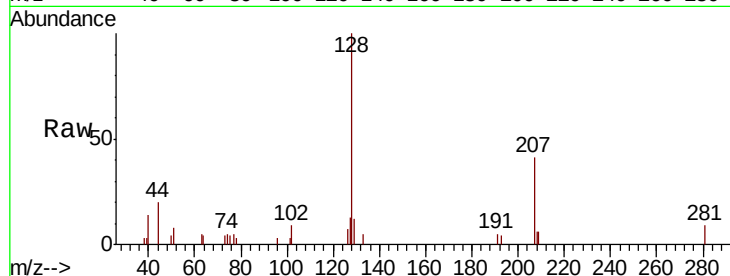




#95
 Naphthalene
 Concen: 4.50 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN050751.D
 Acq: 18 Aug 2018 4:58

Instrument :
 MSVOA_N
 ClientSampleId :
 RT2286

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.3	15.5
129	10.6	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

