

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053667.D
 Acq On : 7 Feb 2019 20:20
 Operator : JC/SP
 Sample : K1389-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

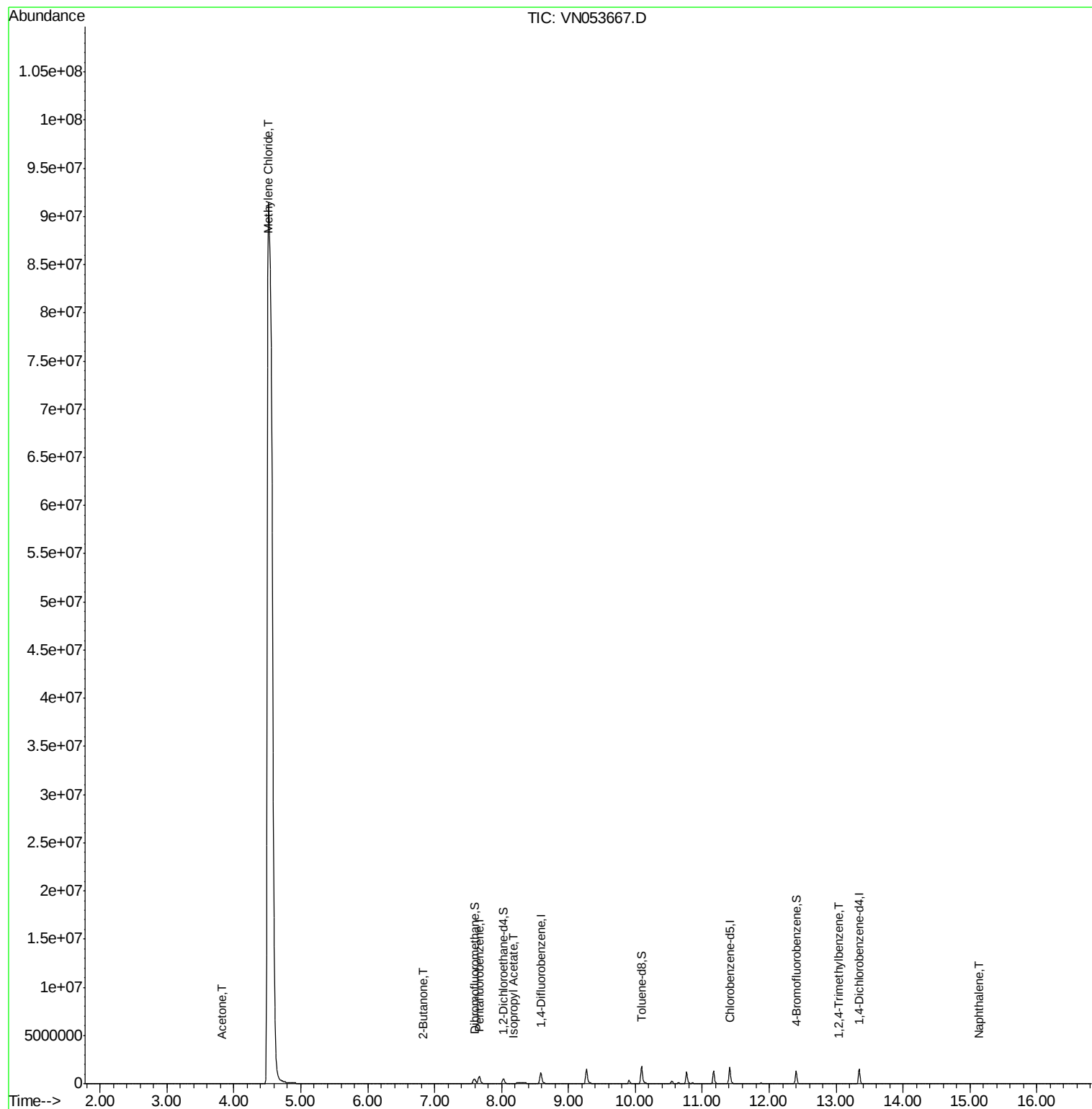
Quant Time: Feb 09 01:47:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

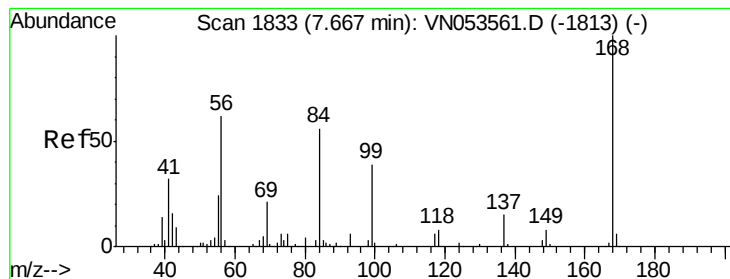
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	774278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1269432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1119739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	435596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	406789	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
35) Dibromofluoromethane	7.59	113	405467	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.09	98	1513805	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	475384	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
Target Compounds						
16) Acetone	3.82	43	18150	9.110	ug/l #	84
20) Methylene Chloride	4.50	84	58792987m	7033.614	ug/l	
25) 2-Butanone	6.84	43	7579m	2.667	ug/l	
43) Isopropyl Acetate	8.17	43	38335	3.106	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.04	105	27282	1.055	ug/l	96
95) Naphthalene	15.14	128	30157	3.258	ug/l	97

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053667.D

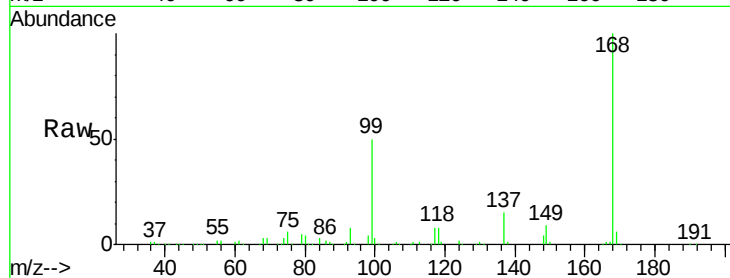
Acq: 7 Feb 2019 20:20

Tot Ion:168 Resp: 774278

Ion Ratio Lower Upper

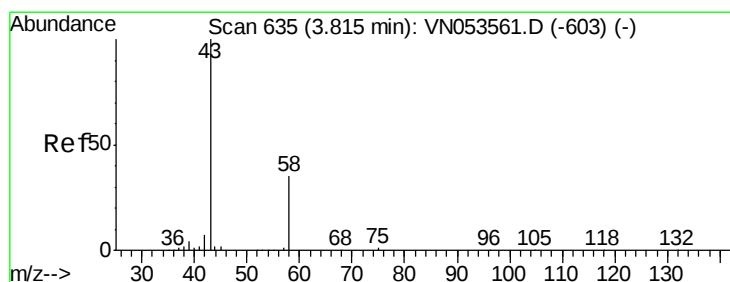
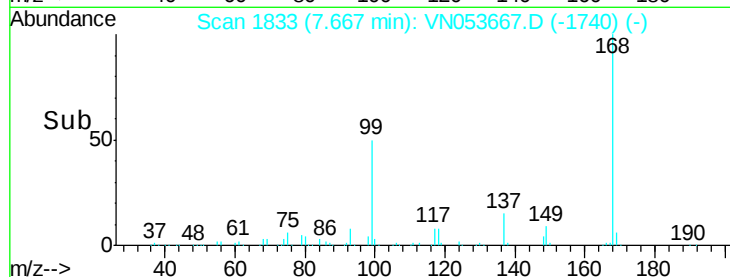
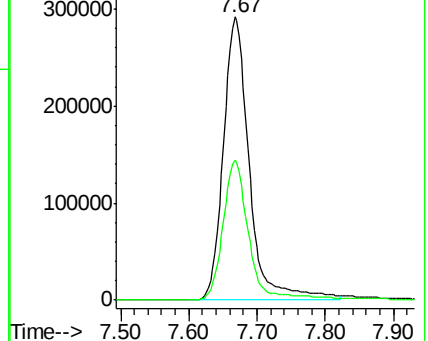
168 100

99 49.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.110 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053667.D

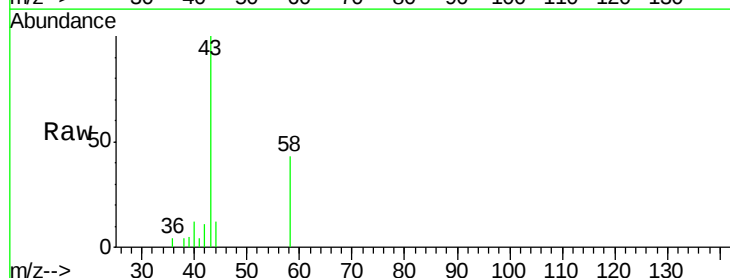
Acq: 7 Feb 2019 20:20

Tgt Ion: 43 Resp: 18150

Ion Ratio Lower Upper

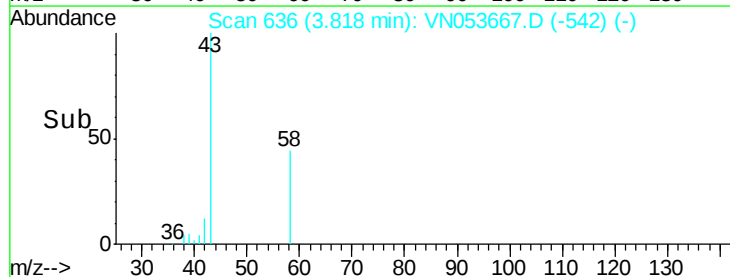
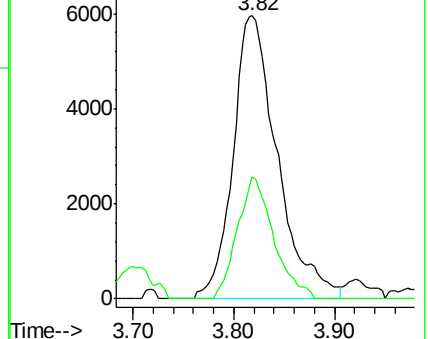
43 100

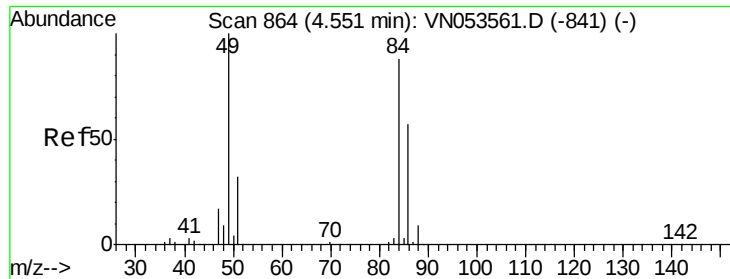
58 43.0 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

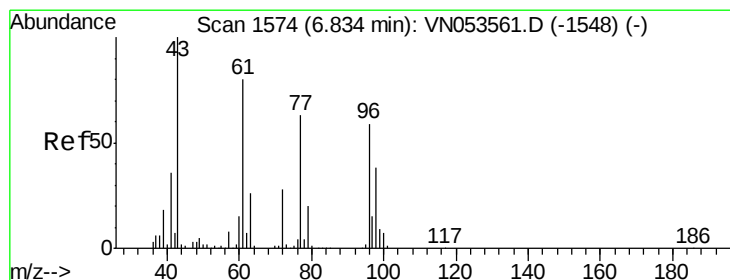
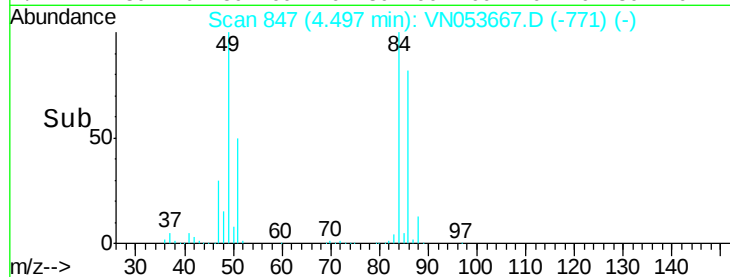
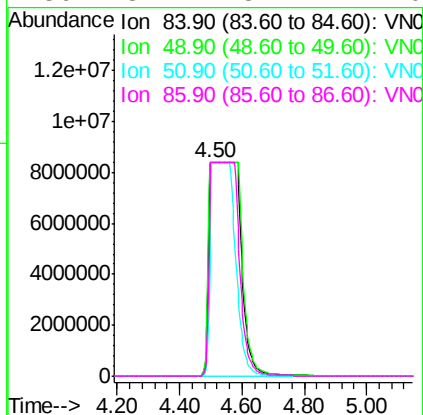
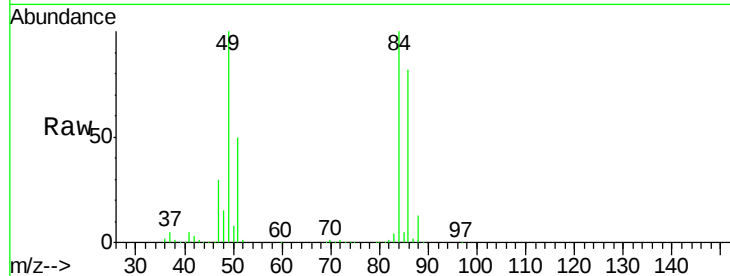




#20
Methvlene Chloride
Concen: 7033.614 ug/l m
RT: 4.50 min Scan# 847
Delta R.T. -0.05 min
Lab File: VN053667.D
Acq: 7 Feb 2019 20:20

Tot Ion: 84 Resp: 58792987

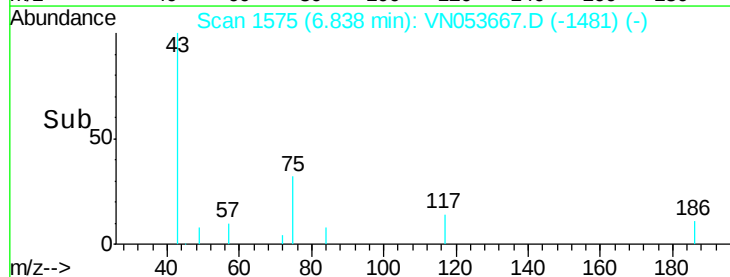
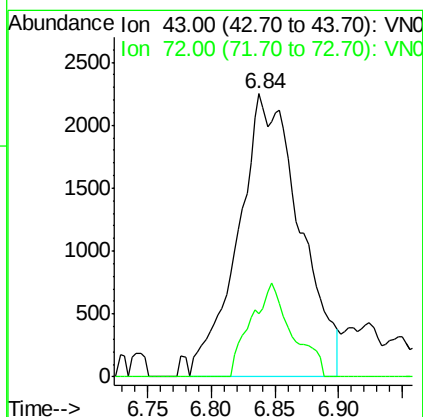
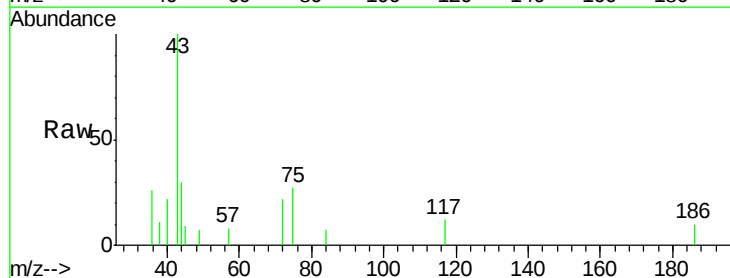
Ion	Ratio	Lower	Upper
84	100		
49	100.0	94.3	141.5
51	50.5	29.4	44.2#
86	81.7	51.4	77.0#

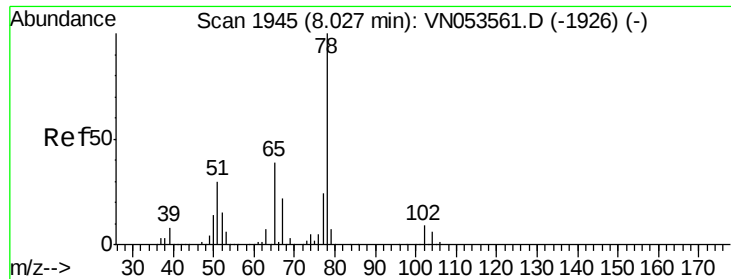


#25
2-Butanone
Concen: 2.667 ug/l m
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053667.D
Acq: 7 Feb 2019 20:20

Tgt Ion: 43 Resp: 7579

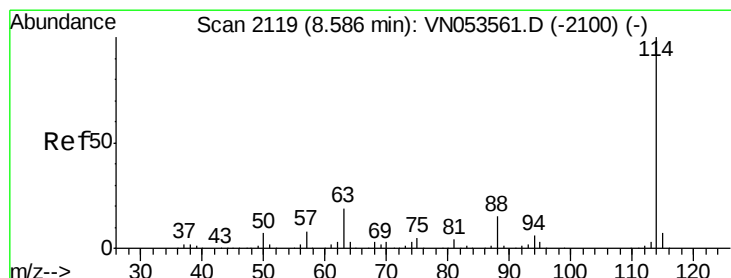
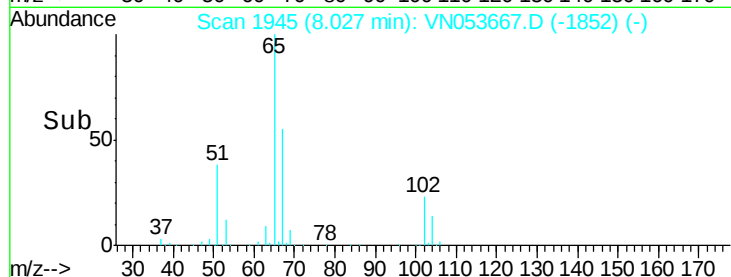
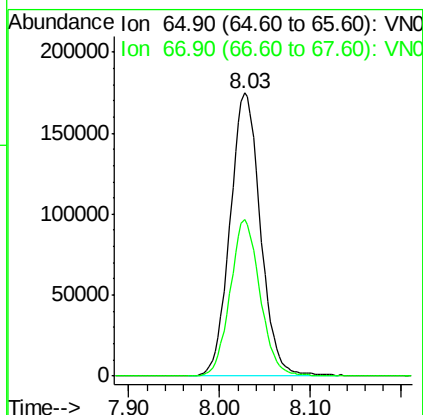
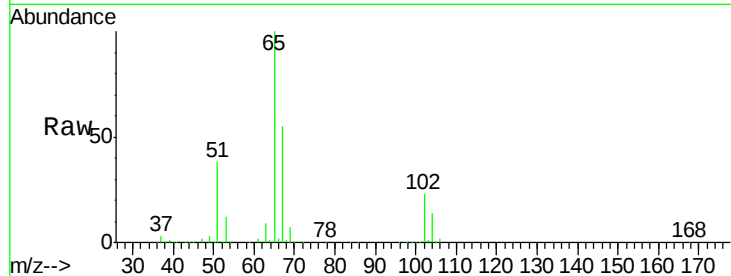
Ion	Ratio	Lower	Upper
43	100		
72	22.5	22.0	33.0





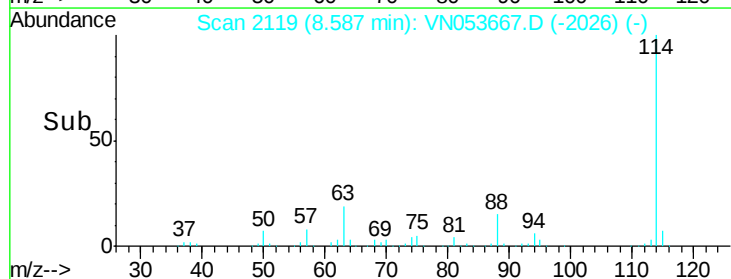
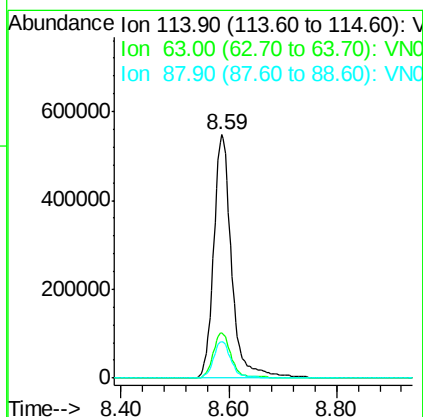
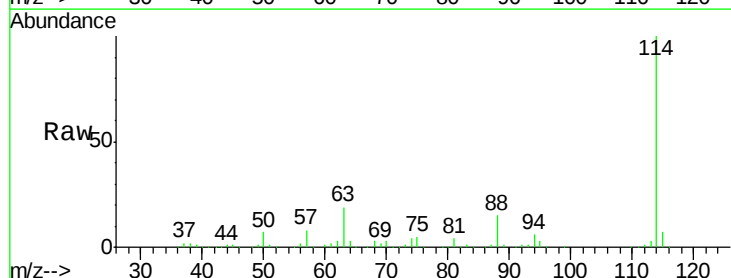
#33
 1,2-Dichloroethane-d4
 Concen: 52.371 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053667.D
 Acq: 7 Feb 2019 20:20

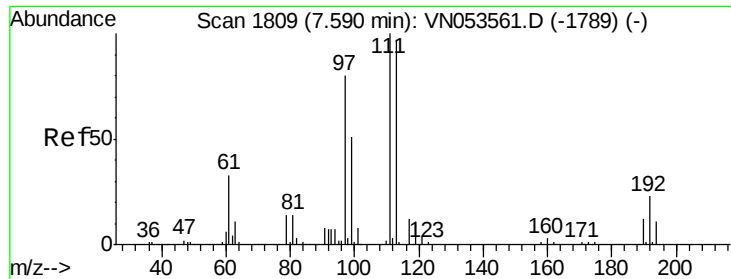
Tot Ion: 65 Resp: 406789
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053667.D
 Acq: 7 Feb 2019 20:20

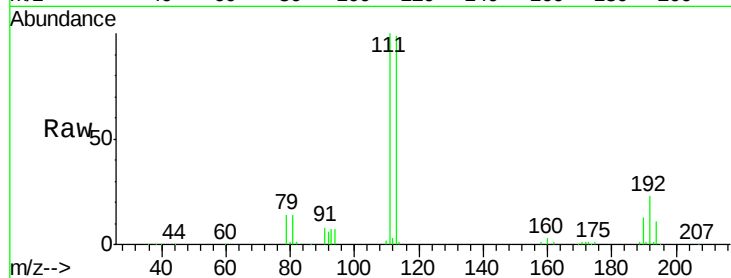
Tgt Ion: 114 Resp: 1269432
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.6
 88 15.0 0.0 30.4



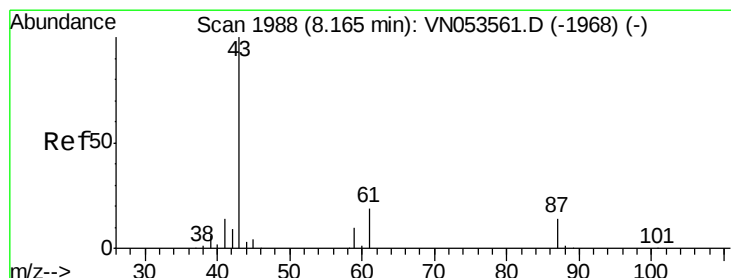
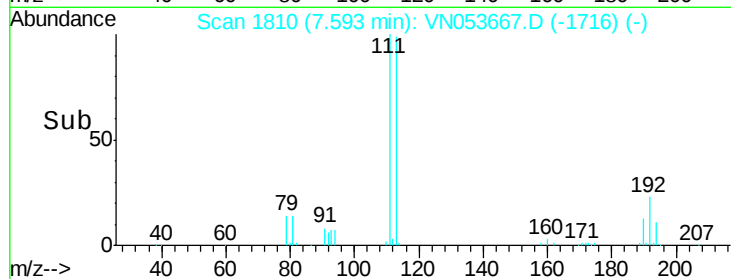
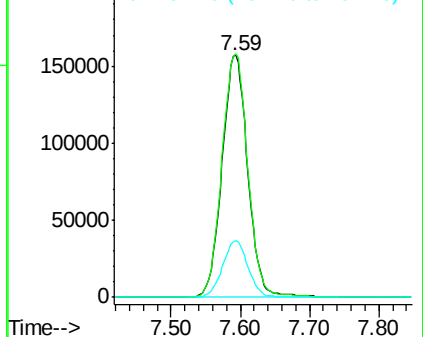


#35
 Dibromofluoromethane
 Concen: 50.550 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053667.D
 Acq: 7 Feb 2019 20:20

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.1	121.7
192	23.2	18.2	27.2

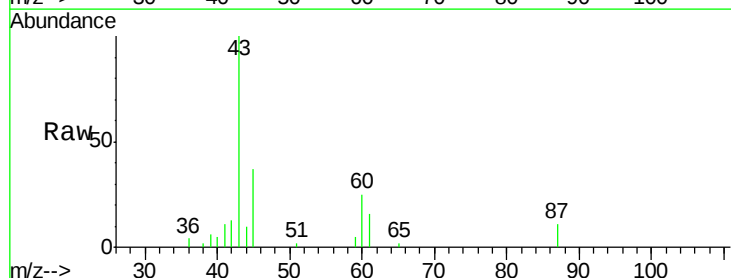


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

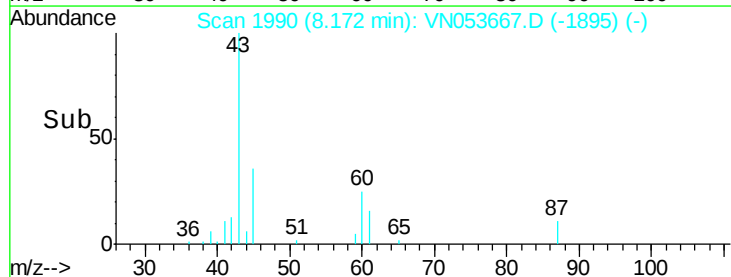
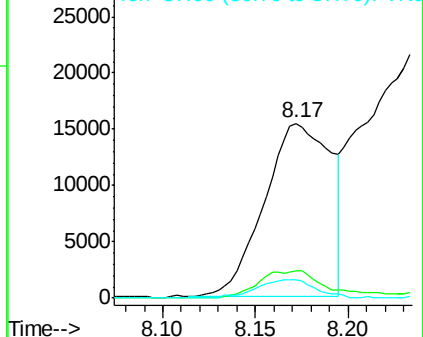


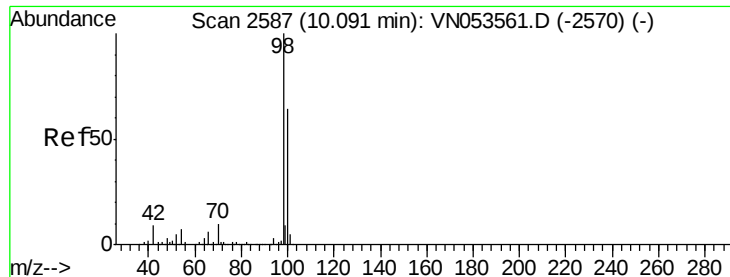
#43
 Isopropyl Acetate
 Concen: 3.106 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN053667.D
 Acq: 7 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.8	23.9	35.9#
87	9.3	11.0	16.6#



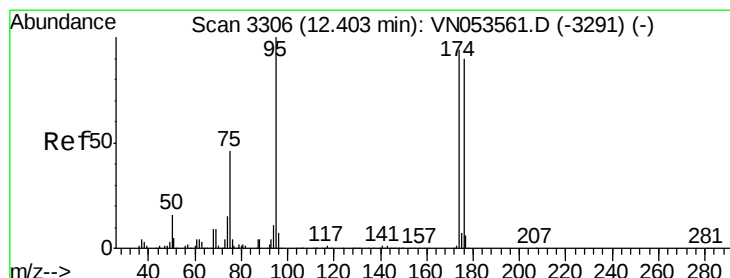
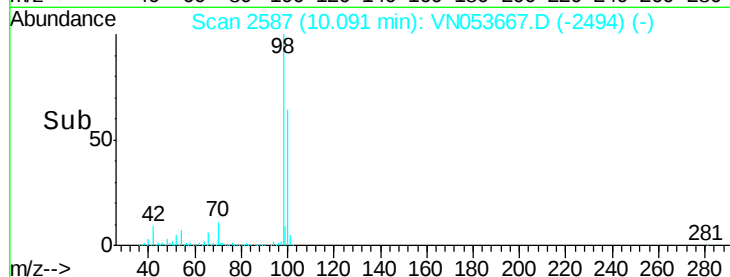
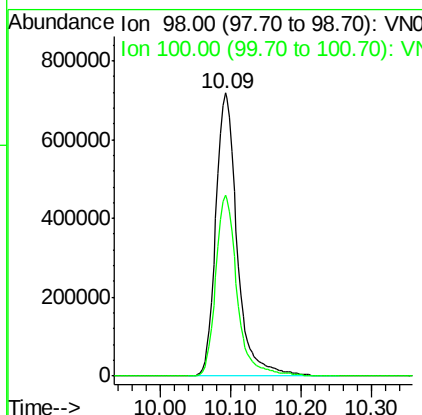
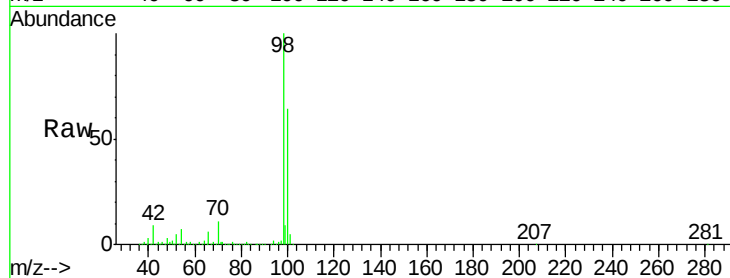
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





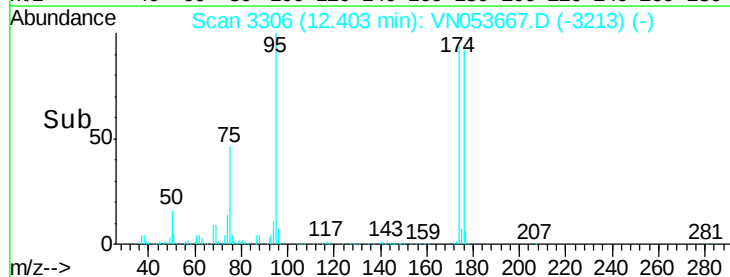
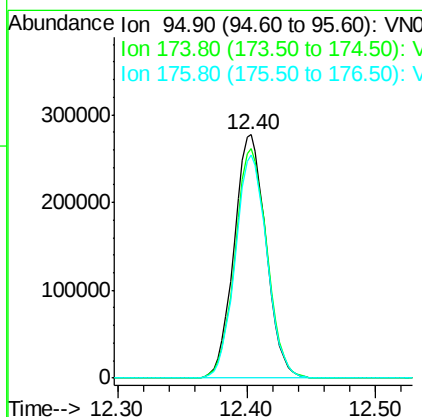
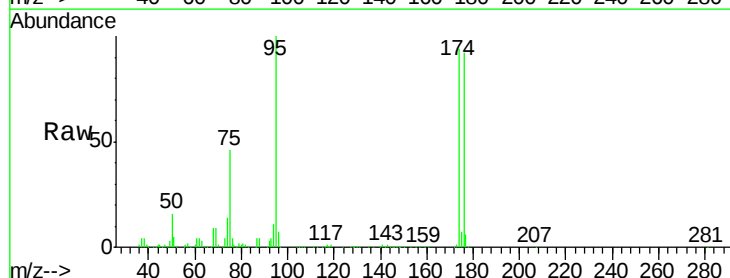
#50
Toluene-d8
Concen: 50.263 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053667.D
Acq: 7 Feb 2019 20:20

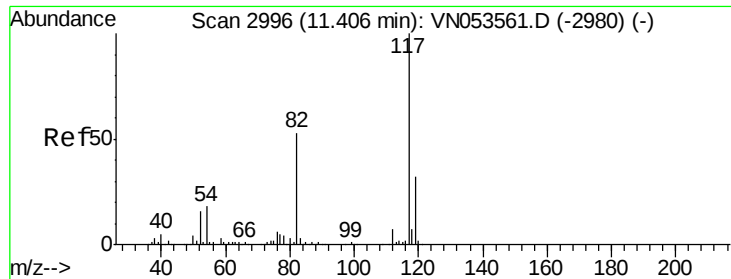
Tot Ion: 98 Resp: 1513805
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.326 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053667.D
Acq: 7 Feb 2019 20:20

Tgt Ion: 95 Resp: 475384
Ion Ratio Lower Upper
95 100
174 94.5 0.0 183.2
176 91.1 0.0 177.4

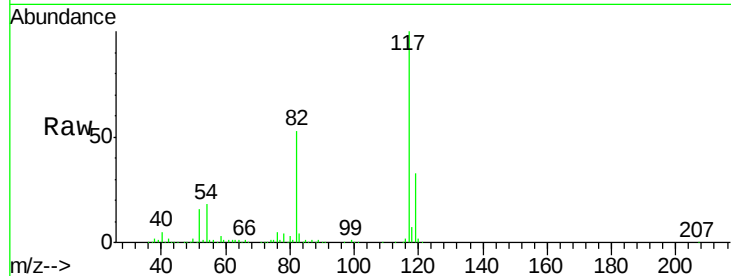




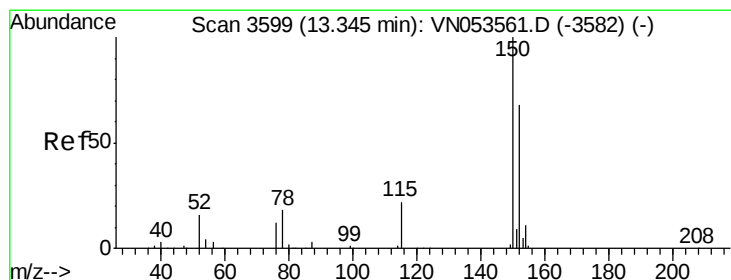
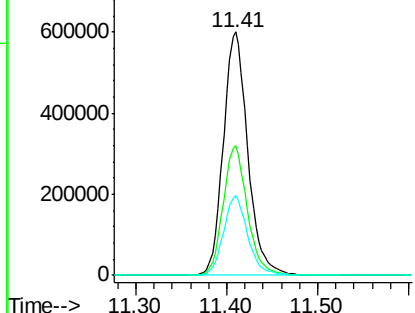
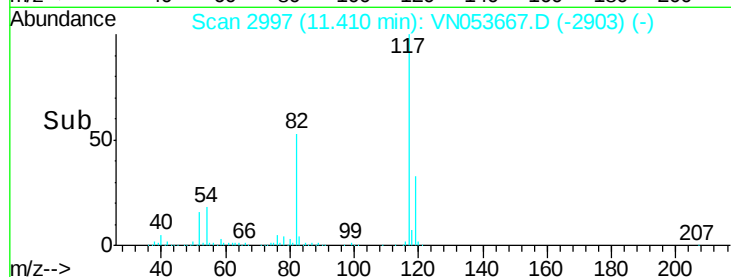
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053667.D
Acq: 7 Feb 2019 20:20

Tot Ion:117 Resp: 1119739

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.9	64.3
119	32.6	26.0	39.0



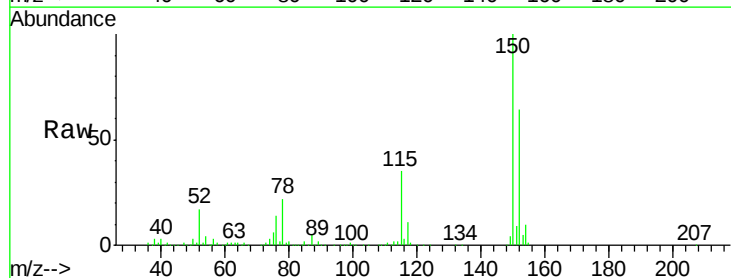
Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



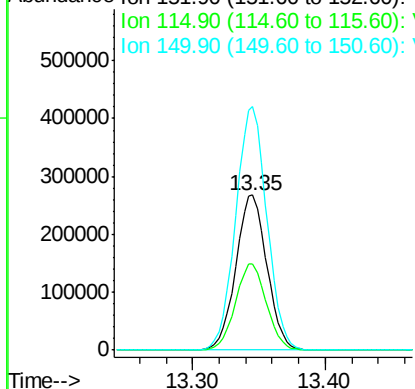
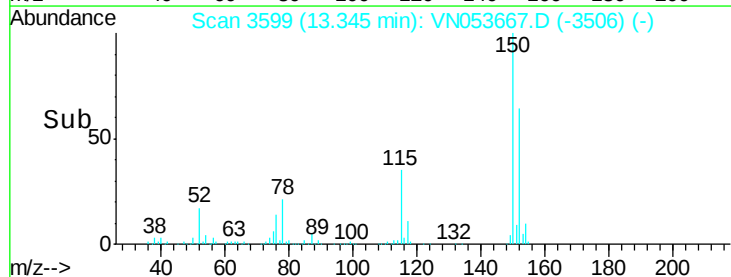
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053667.D
Acq: 7 Feb 2019 20:20

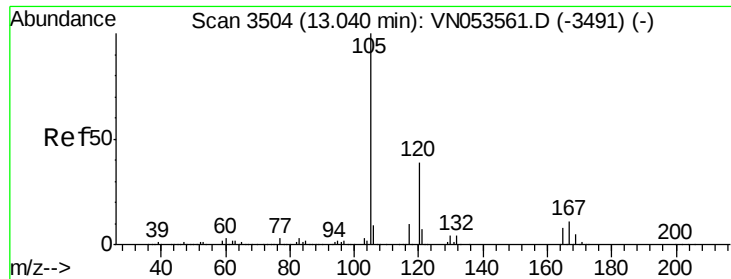
Tgt Ion:152 Resp: 435596

Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.8	83.4
150	157.4	0.0	349.0



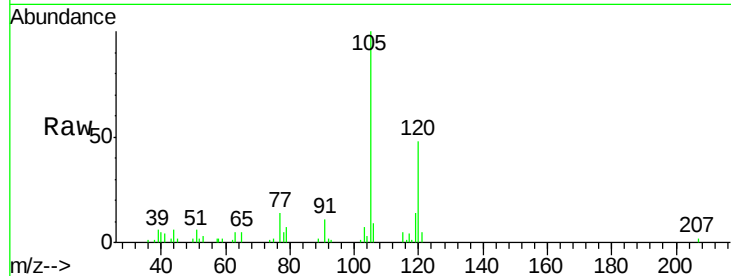
Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



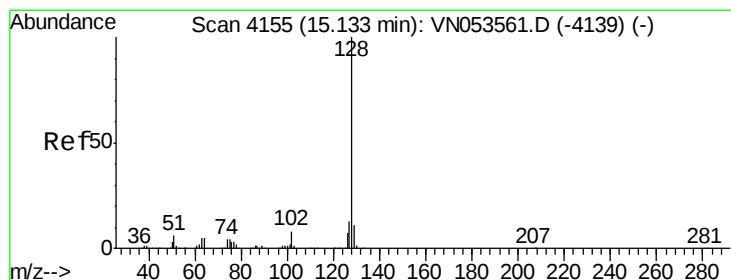
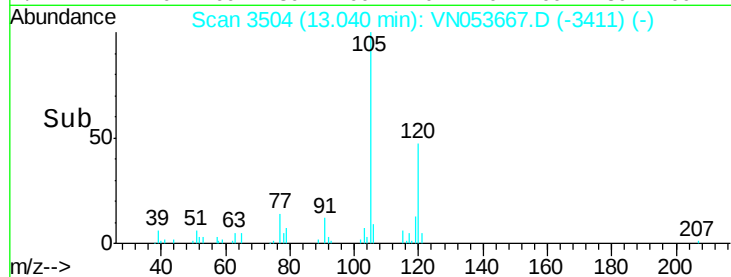
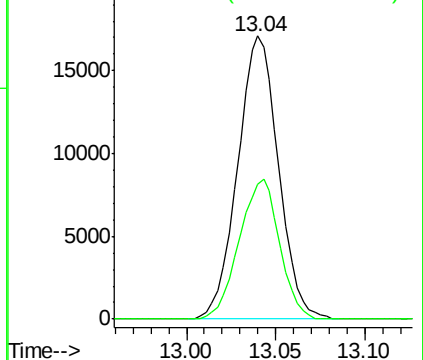


#84
1,2,4-Trimethylbenzene
Concen: 1.055 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053667.D
Acq: 7 Feb 2019 20:20

Tot Ion:105 Resp: 27282
Ion Ratio Lower Upper
105 100
120 48.9 23.0 69.0

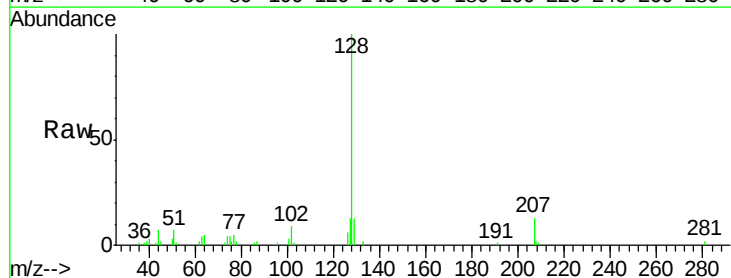


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



#95
Naphthalene
Concen: 3.258 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053667.D
Acq: 7 Feb 2019 20:20

Tgt Ion:128 Resp: 30157
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 12.7 8.6 13.0



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

