

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020419\
 Data File : VN053607.D
 Acq On : 4 Feb 2019 19:57
 Operator : JC/SP
 Sample : K1359-03DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3DL

Quant Time: Feb 05 03:39:04 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

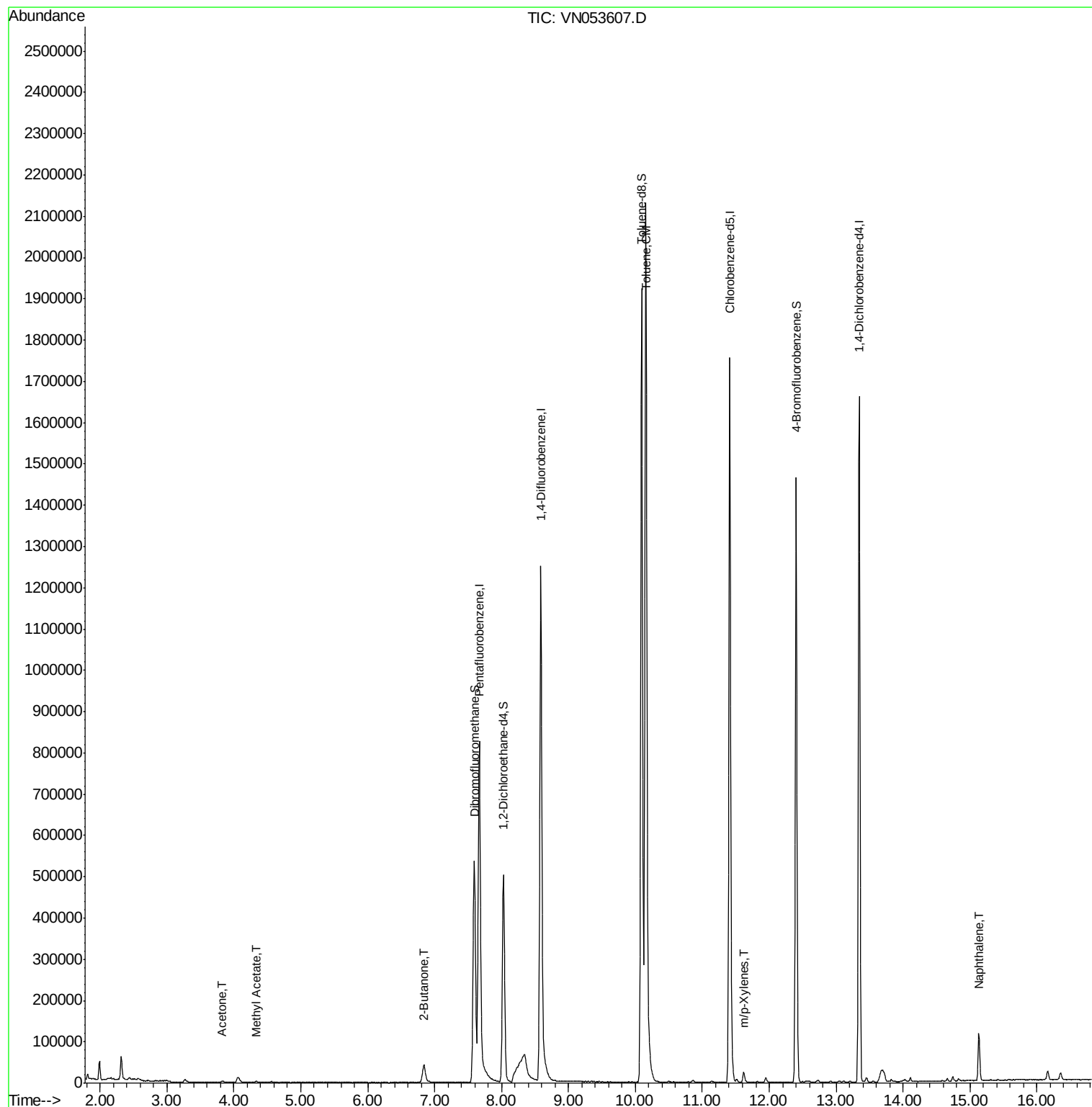
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	841623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1335660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1169453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	487719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	424494	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
35) Dibromofluoromethane	7.59	113	421027	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	10.09	98	1590311	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.40	95	514294	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
Target Compounds						
16) Acetone	3.82	43	6811	3.145	ug/l	90
18) Methyl Acetate	4.33	43	5534	0.863	ug/l #	89
25) 2-Butanone	6.84	43	80718	26.133	ug/l	99
52) Toluene	10.16	92	1066044	48.378	ug/l	100
68) m/p-Xylenes	11.62	106	8513	0.547	ug/l	94
95) Naphthalene	15.13	128	102280	6.344	ug/l	98

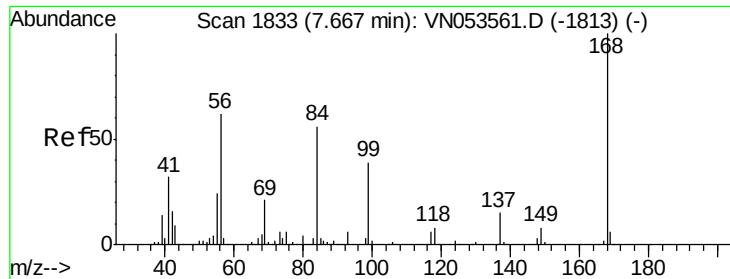
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053607.D

Acq: 4 Feb 2019 19:57

Instrument :

MSVOA_N

ClientSampled :

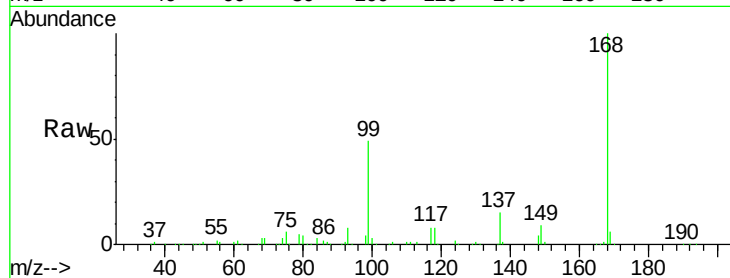
COMP-3DL

Tot Ion:168 Resp: 841623

Ion Ratio Lower Upper

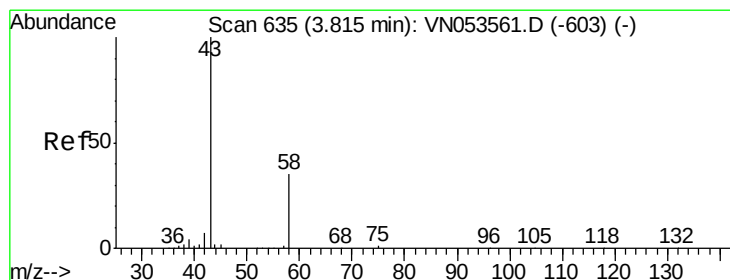
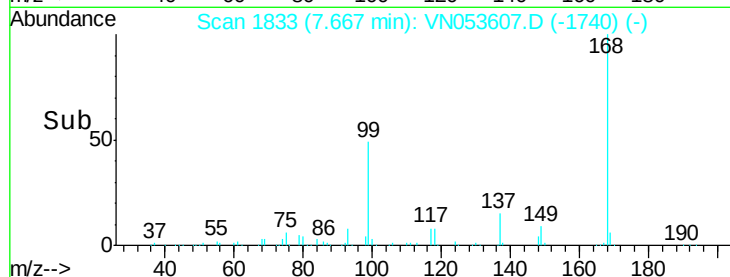
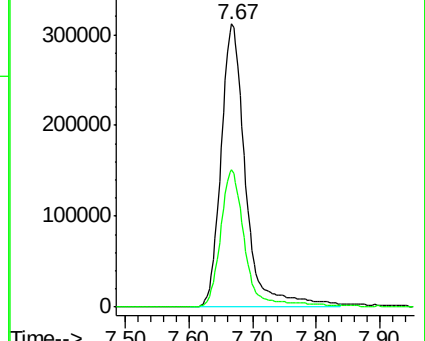
168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 3.145 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053607.D

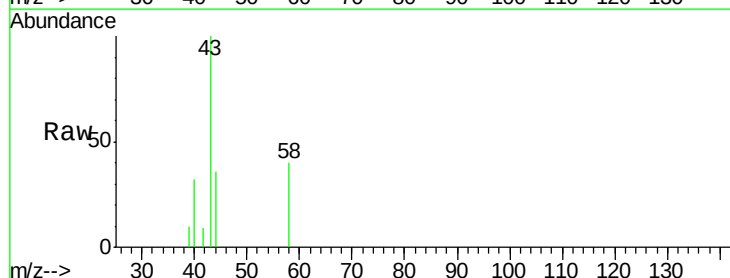
Acq: 4 Feb 2019 19:57

Tgt Ion: 43 Resp: 6811

Ion Ratio Lower Upper

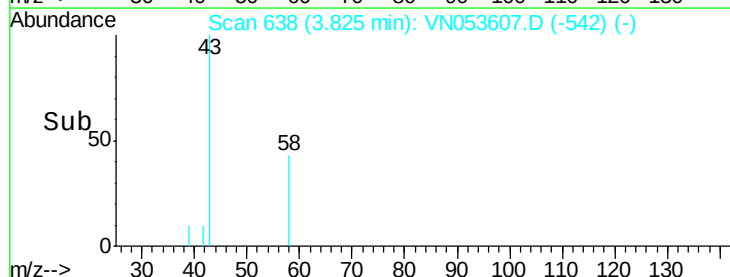
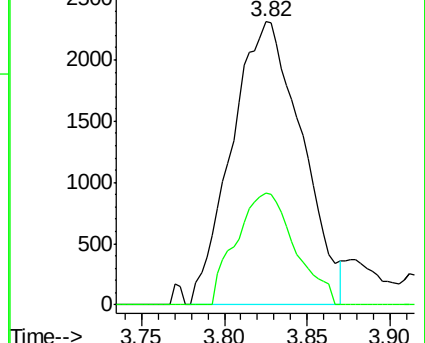
43 100

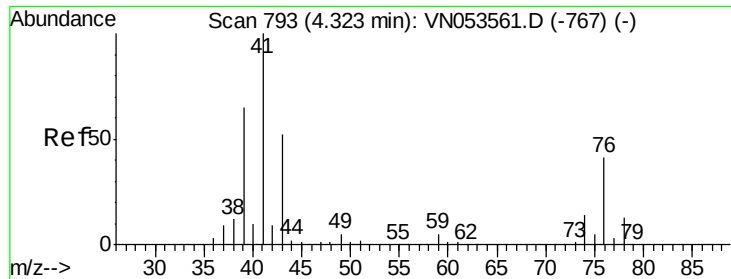
58 39.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

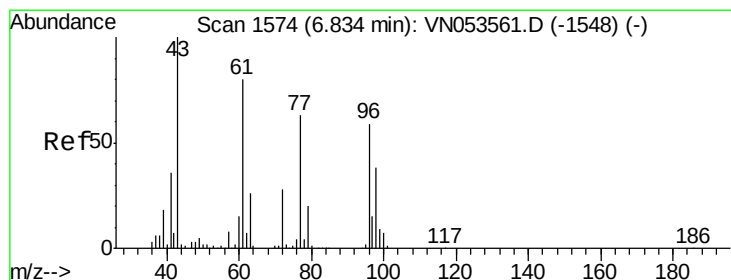
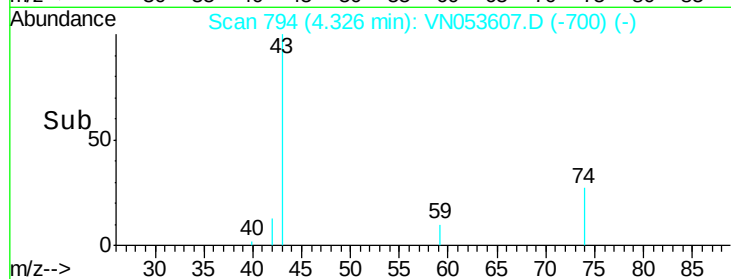
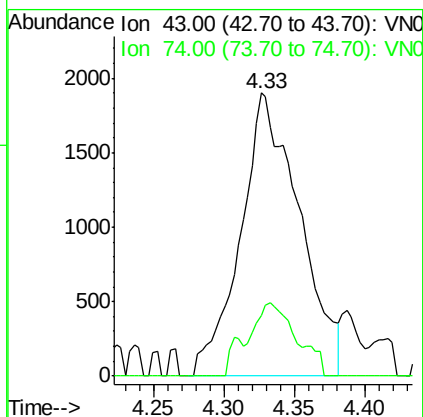
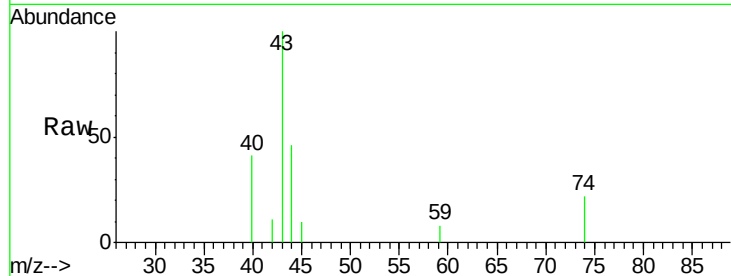




#18
Methvl Acetate
Concen: 0.863 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053607.D
Acq: 4 Feb 2019 19:57

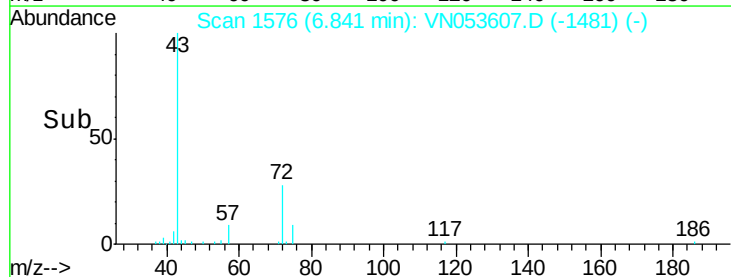
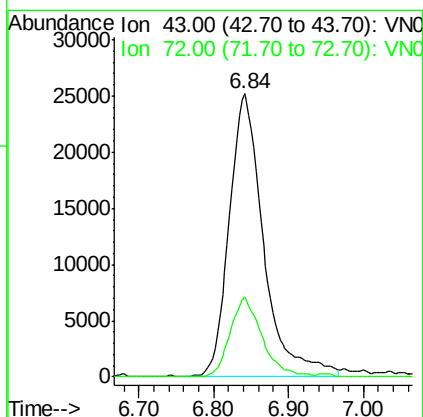
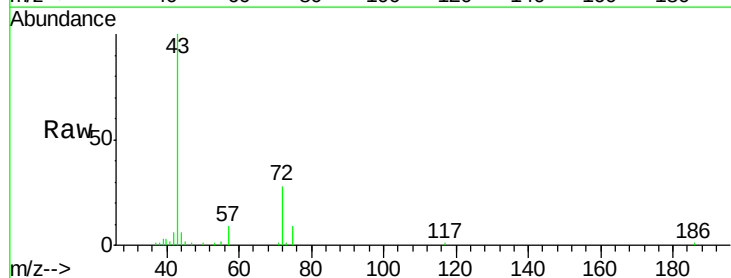
Instrument :
MSVOA_N
ClientSampleId :
COMP-3DL

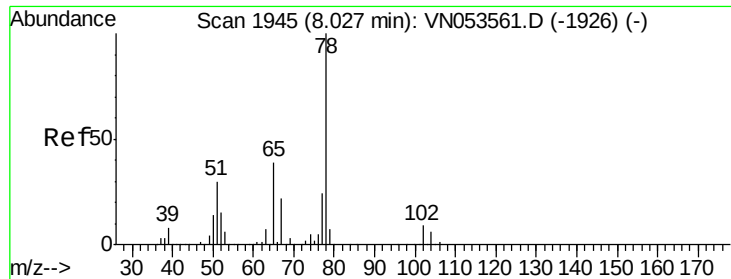
Tot Ion: 43 Resp: 5534
Ion Ratio Lower Upper
43 100
74 18.7 19.4 29.2#



#25
2-Butanone
Concen: 26.133 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053607.D
Acq: 4 Feb 2019 19:57

Tgt Ion: 43 Resp: 80718
Ion Ratio Lower Upper
43 100
72 28.1 22.0 33.0

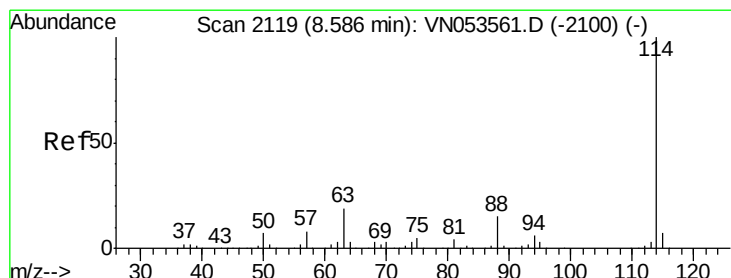
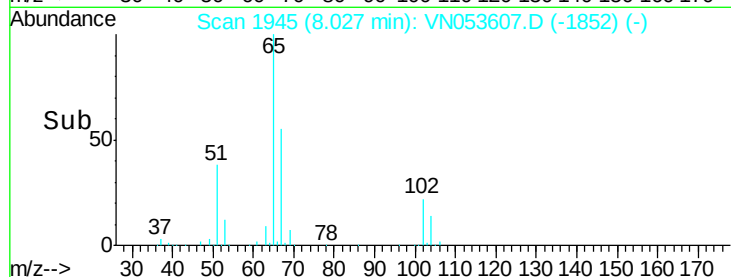
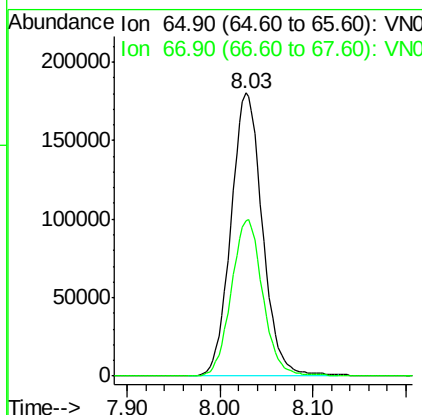
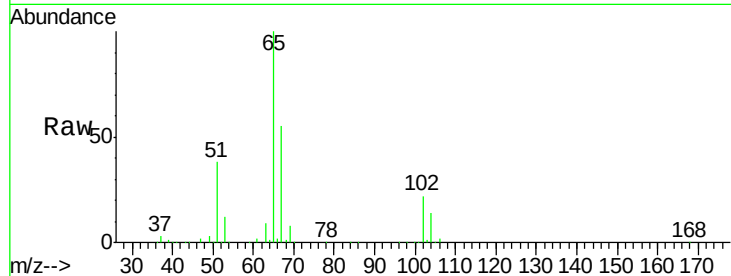




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053607.D
 Acq: 4 Feb 2019 19:57

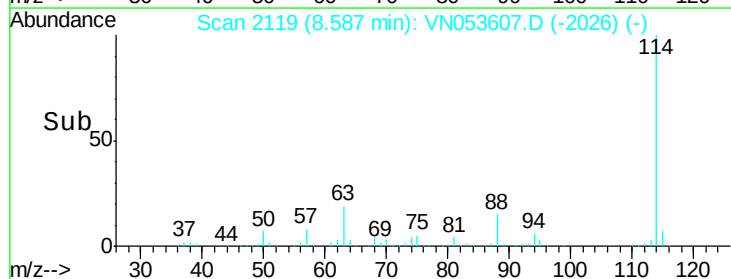
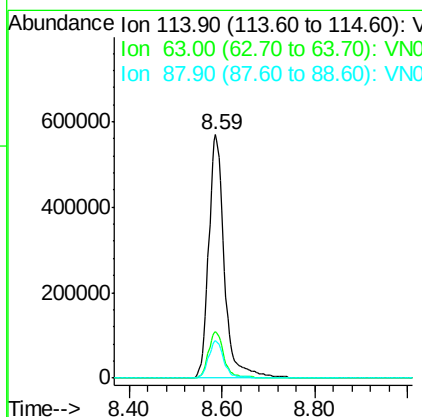
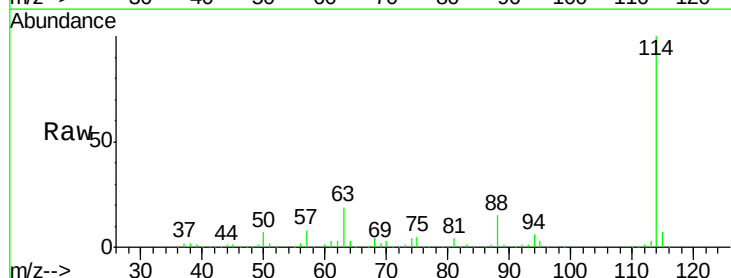
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3DL

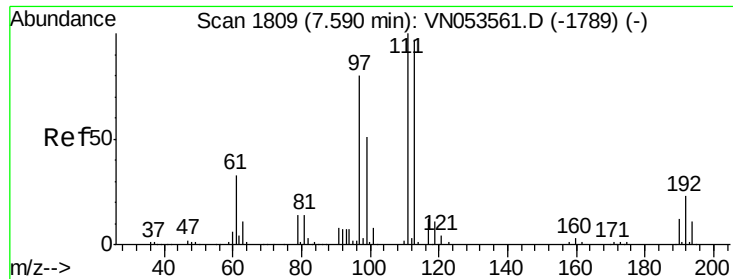
Tot Ion: 65 Resp: 424494
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053607.D
 Acq: 4 Feb 2019 19:57

Tgt Ion: 114 Resp: 1335660
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.2 0.0 30.4

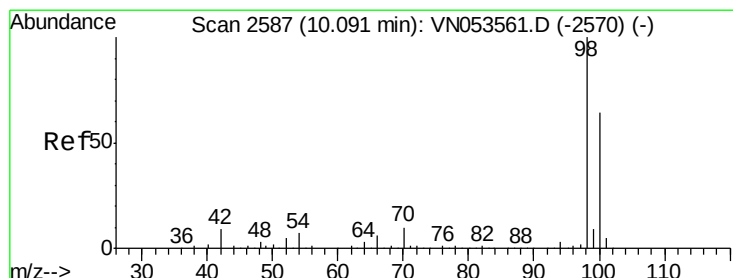
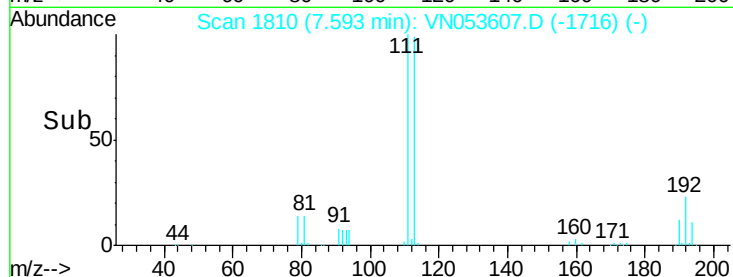
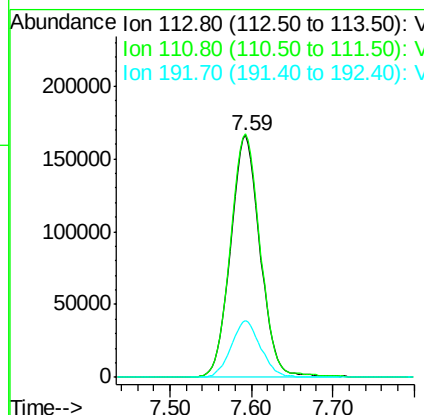
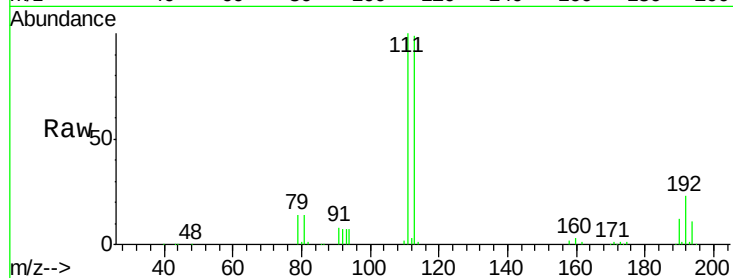




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053607.D
 Acq: 4 Feb 2019 19:57

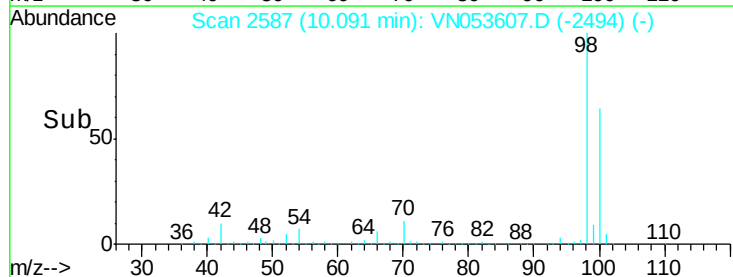
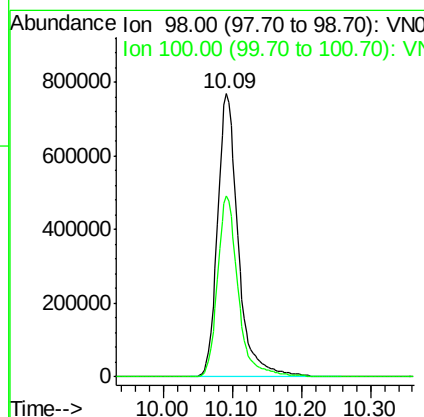
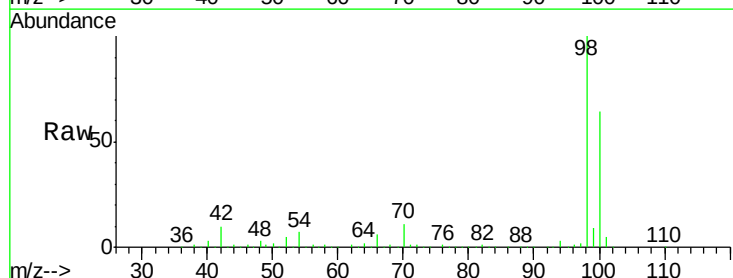
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3DL

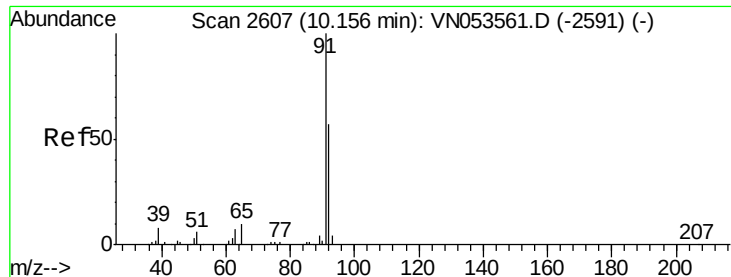
Tot Ion:113 Resp: 421027
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.1 121.7
 192 23.3 18.2 27.2



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053607.D
 Acq: 4 Feb 2019 19:57

Tgt Ion: 98 Resp: 1590311
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.4 77.0





#52

Toluene

Concen: 48.378 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053607.D

Acq: 4 Feb 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

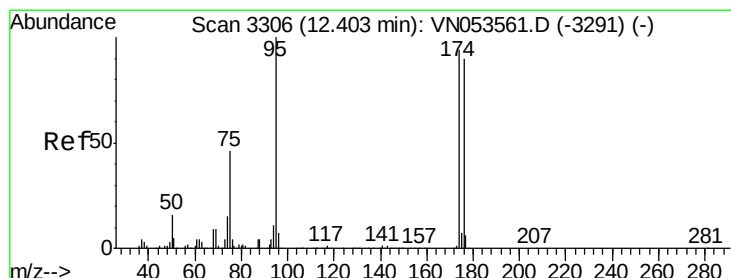
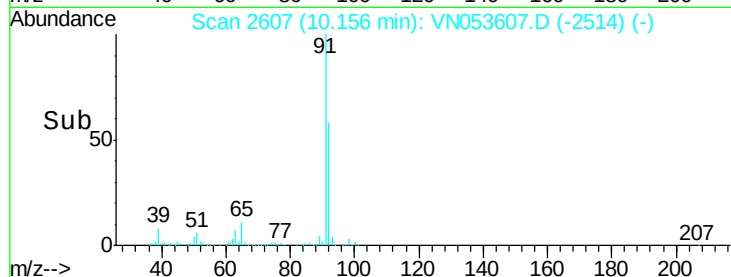
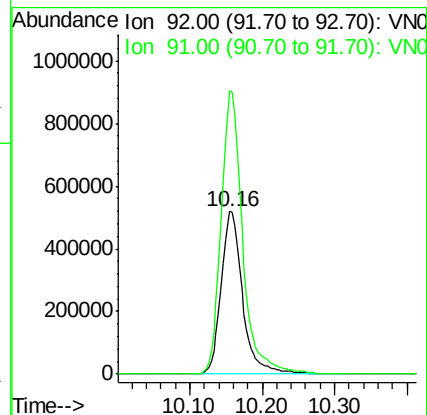
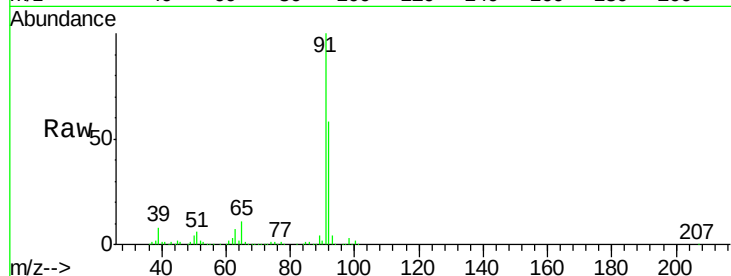
COMP-3DL

Tot Ion: 92 Resp: 1066044

Ion Ratio Lower Upper

92 100

91 174.9 139.9 209.9



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053607.D

Acq: 4 Feb 2019 19:57

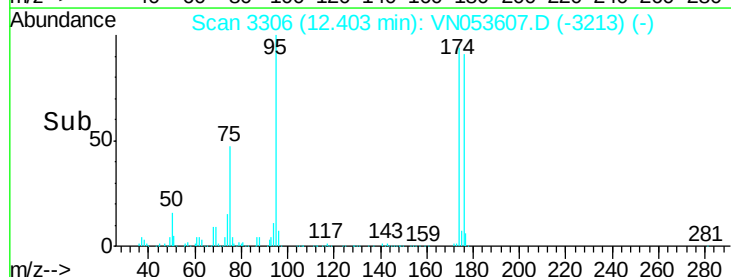
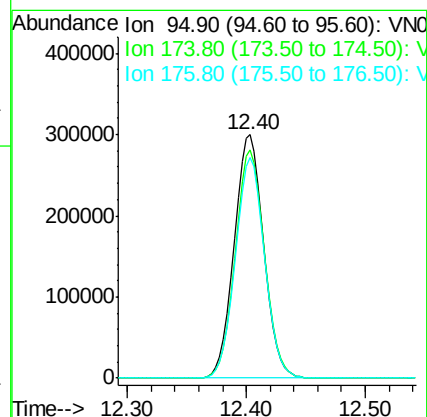
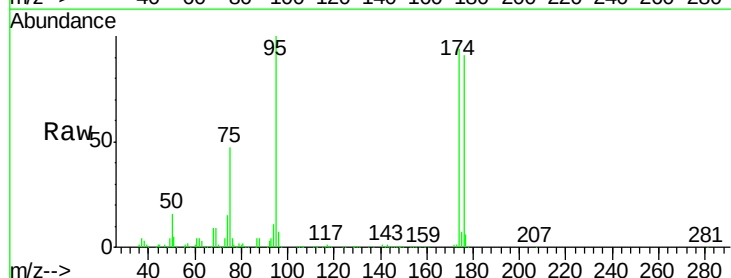
Tgt Ion: 95 Resp: 514294

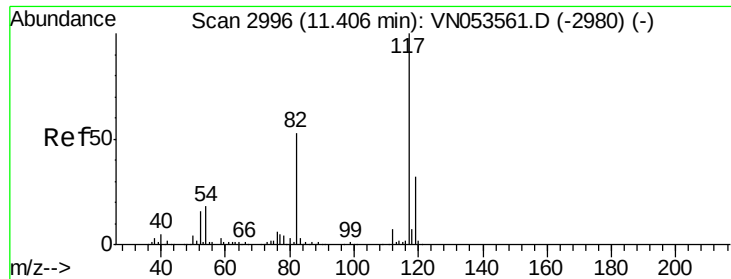
Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.2

176 89.7 0.0 177.4

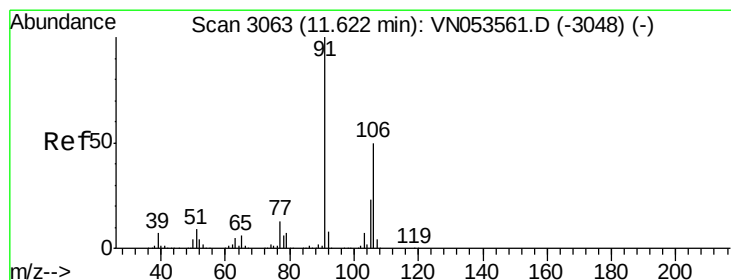
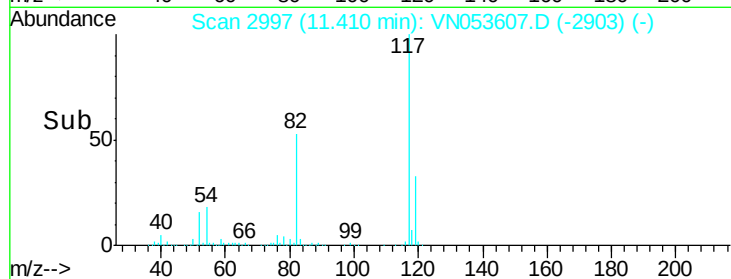
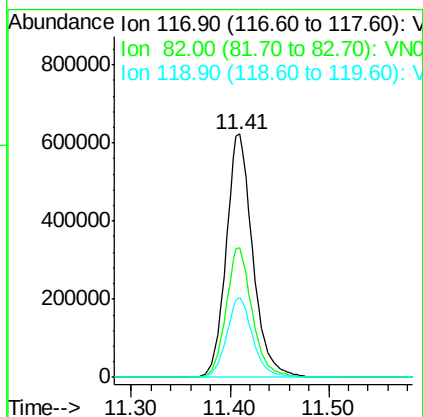
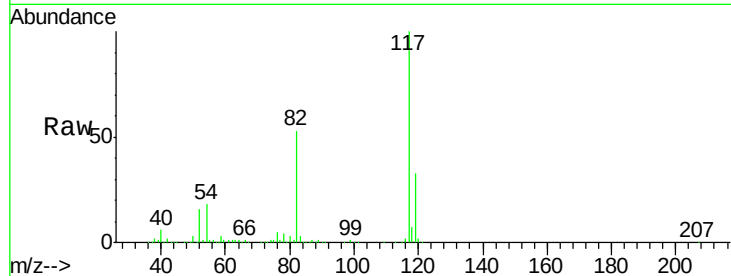




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053607.D
Acq: 4 Feb 2019 19:57

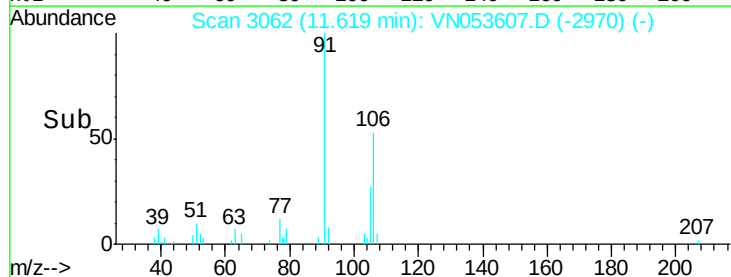
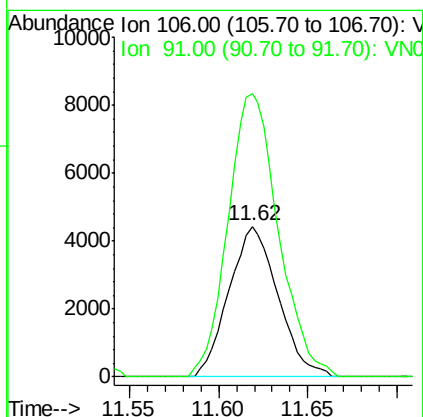
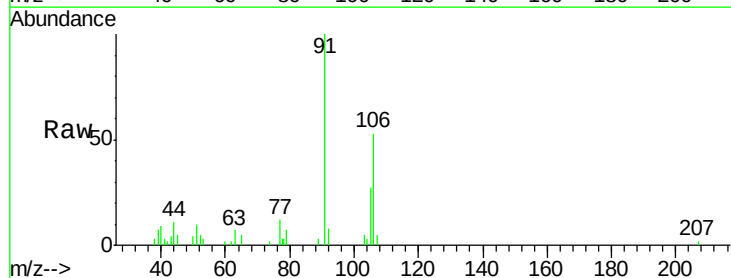
Instrument :
MSVOA_N
ClientSampled :
COMP-3DL

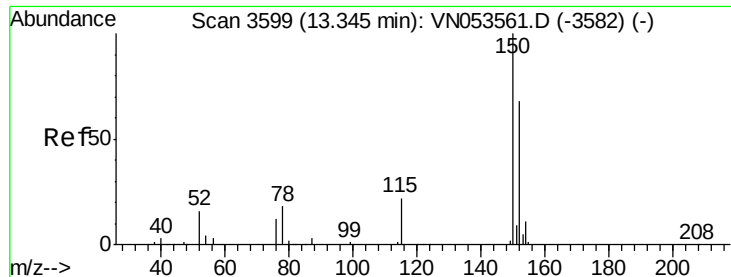
Tot Ion:117 Resp: 1169453
Ion Ratio Lower Upper
117 100
82 53.1 42.9 64.3
119 32.6 26.0 39.0



#68
m/p-Xylenes
Concen: 0.547 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053607.D
Acq: 4 Feb 2019 19:57

Tgt Ion:106 Resp: 8513
Ion Ratio Lower Upper
106 100
91 192.6 161.4 242.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053607.D

Acq: 4 Feb 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

COMP-3DL

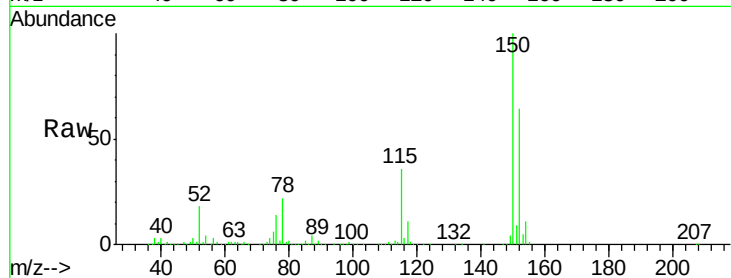
Tot Ion:152 Resp: 487719

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

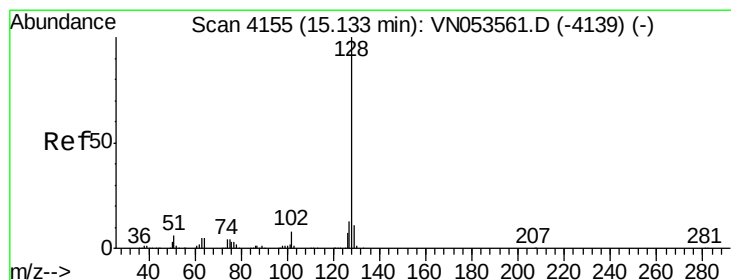
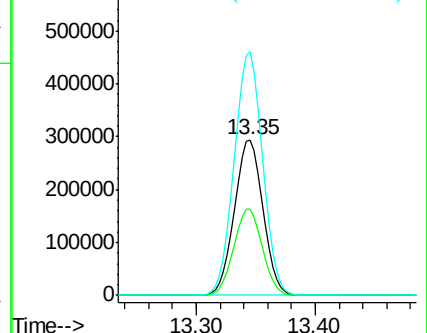
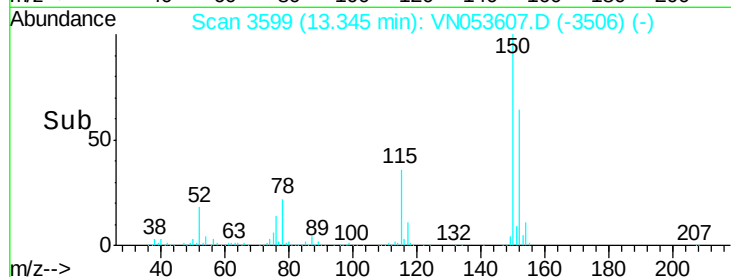
150 156.4 0.0 349.0



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



#95

Naphthalene

Concen: 6.344 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053607.D

Acq: 4 Feb 2019 19:57

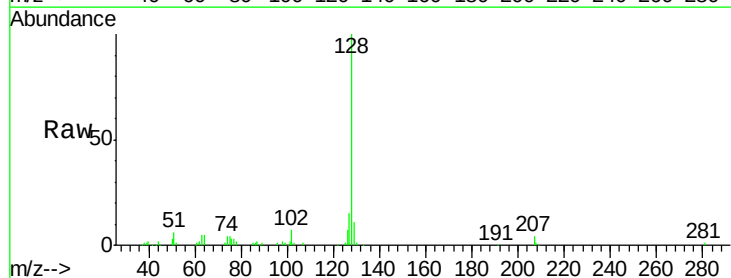
Tgt Ion:128 Resp: 102280

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 10.3 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

