

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
 Data File : VN056321.D
 Acq On : 14 Jun 2019 18:50
 Operator : JC/SP
 Sample : K3352-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190612-LOC-11

Quant Time: Jun 15 00:41:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

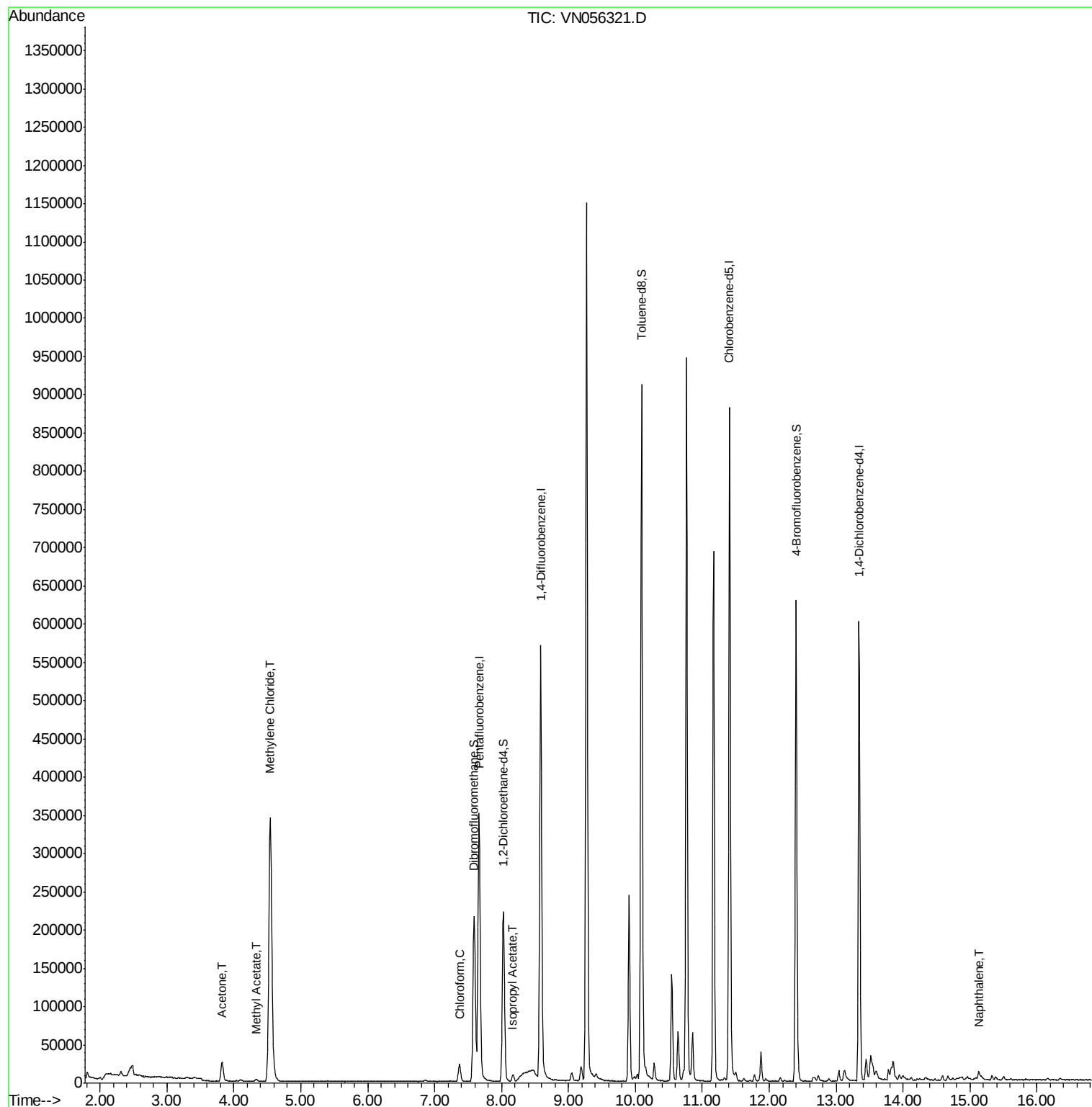
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	322826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	543338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	559955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	186789	58.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.54%	
35) Dibromofluoromethane	7.59	113	170201	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.09	98	691645	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.40	95	229947	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
Target Compounds						
16) Acetone	3.82	43	42551	27.756	ug/l	97
18) Methyl Acetate	4.34	43	6531	1.609	ug/l #	80
20) Methylene Chloride	4.54	84	277461	87.848	ug/l	97
30) Chloroform	7.37	83	25061	4.882	ug/l	93
43) Isopropyl Acetate	8.17	43	11248	1.670	ug/l #	87
95) Naphthalene	15.13	128	10377	4.988	ug/l	97

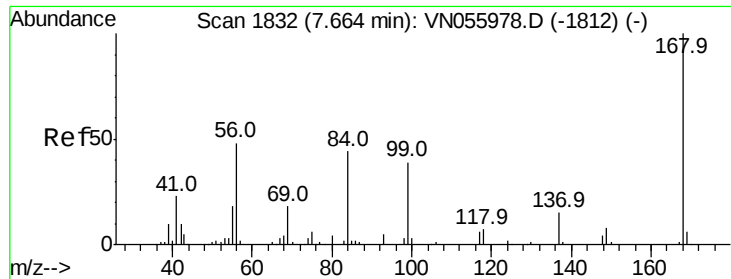
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056321.D

Acq: 14 Jun 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

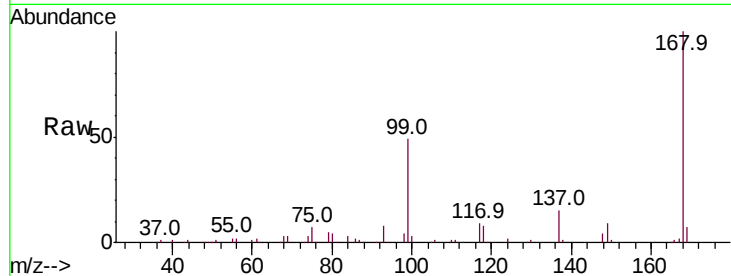
20190612-LOC-11

Tot Ion:168 Resp: 322826

Ion Ratio Lower Upper

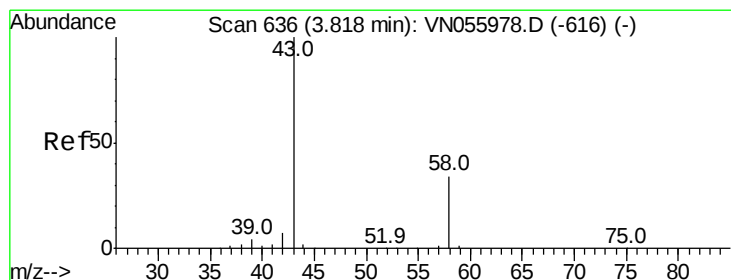
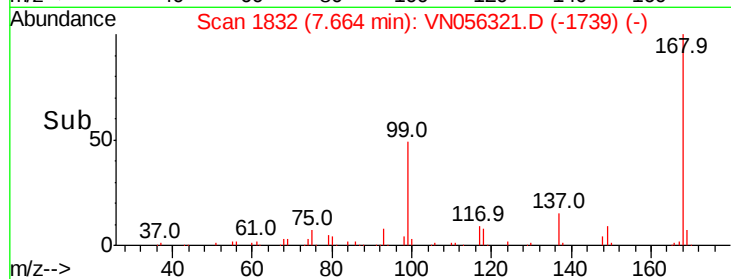
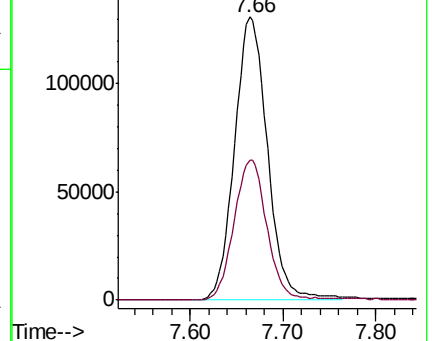
168 100

99 49.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)



#16

Acetone

Concen: 27.756 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056321.D

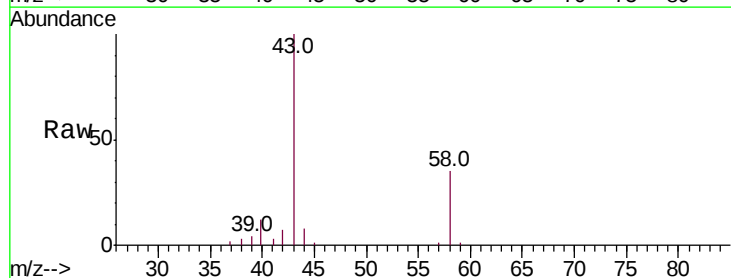
Acq: 14 Jun 2019 18:50

Tgt Ion: 43 Resp: 42551

Ion Ratio Lower Upper

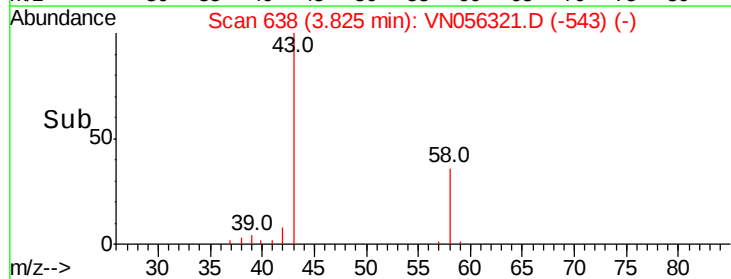
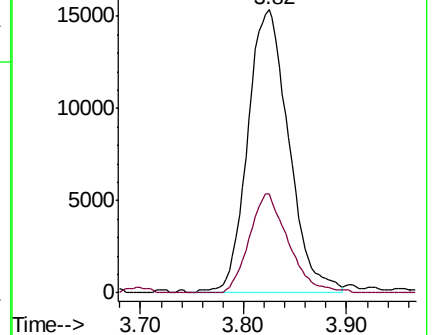
43 100

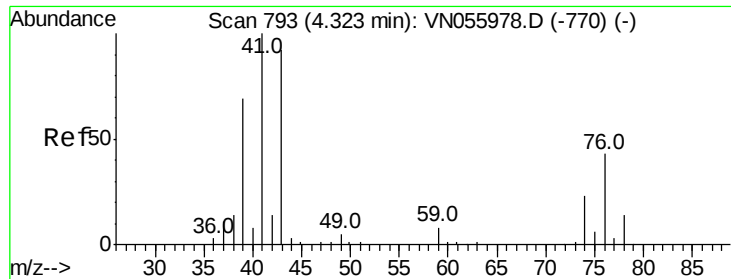
58 35.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

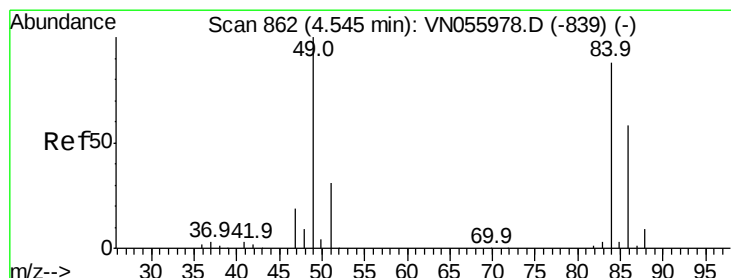
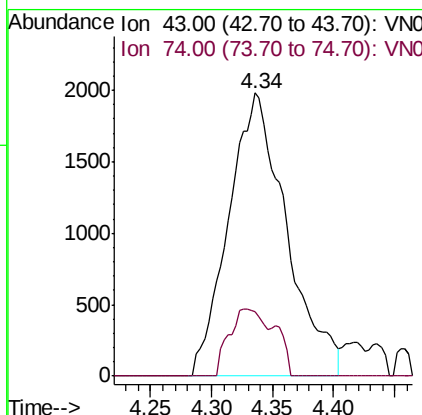
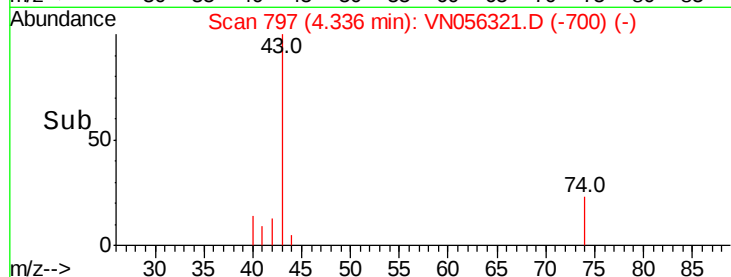
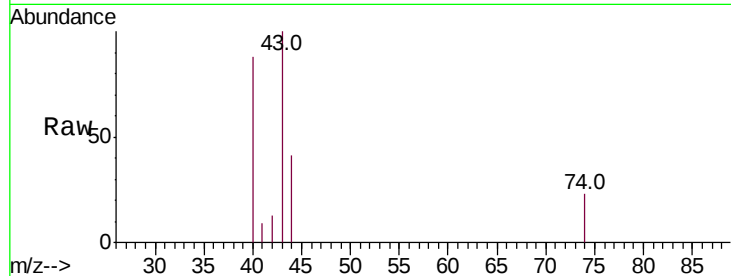




#18
Methyl Acetate
Concen: 1.609 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056321.D
Acq: 14 Jun 2019 18:50

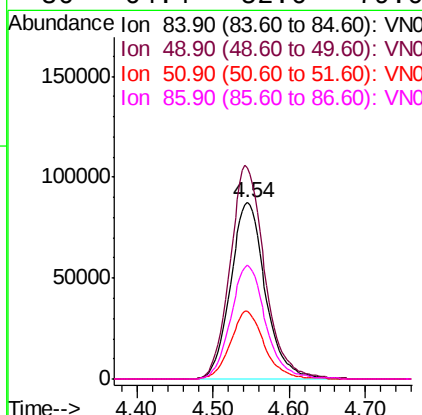
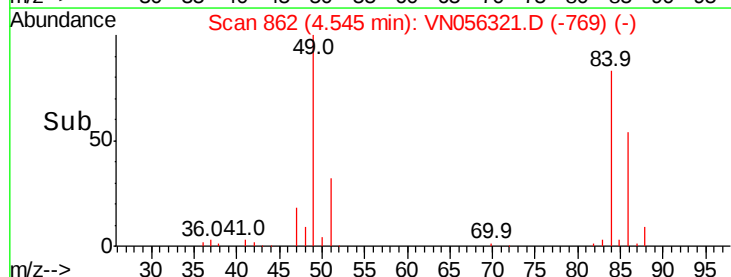
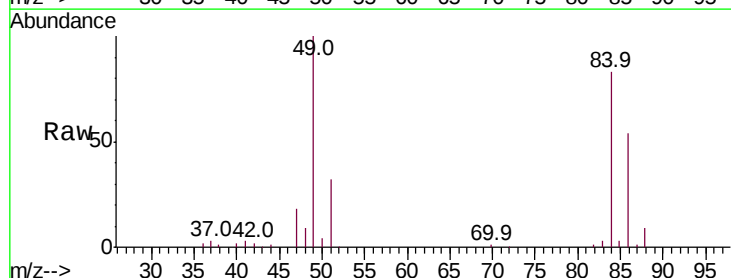
Instrument :
MSVOA_N
ClientSampleId :
20190612-LOC-11

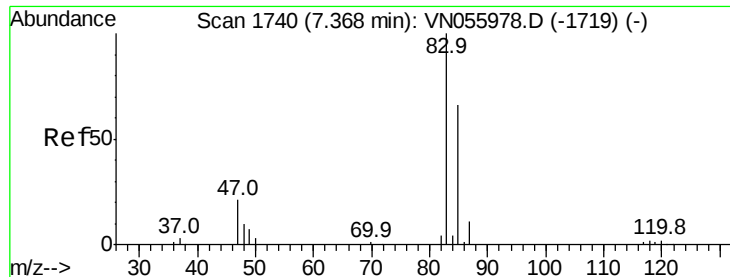
Tot Ion: 43 Resp: 6531
Ion Ratio Lower Upper
43 100
74 14.1 19.3 28.9#



#20
Methylene Chloride
Concen: 87.848 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056321.D
Acq: 14 Jun 2019 18:50

Tgt Ion: 84 Resp: 277461
Ion Ratio Lower Upper
84 100
49 119.9 93.5 140.3
51 38.3 28.6 43.0
86 64.4 52.6 79.0

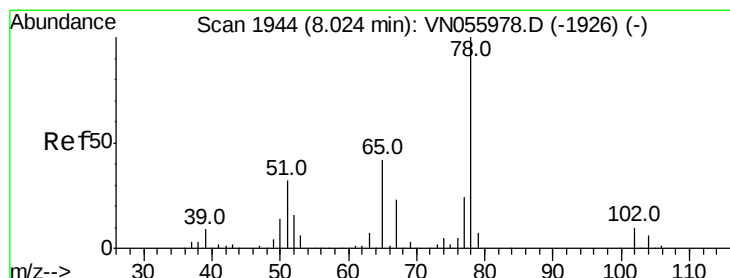
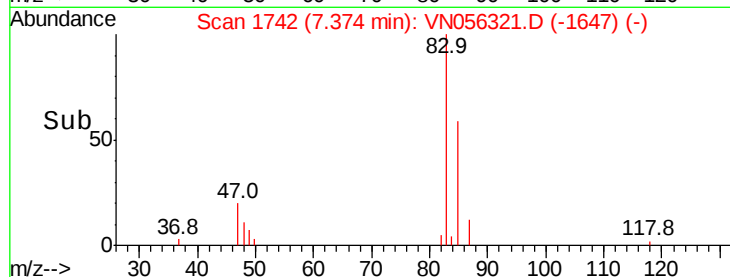
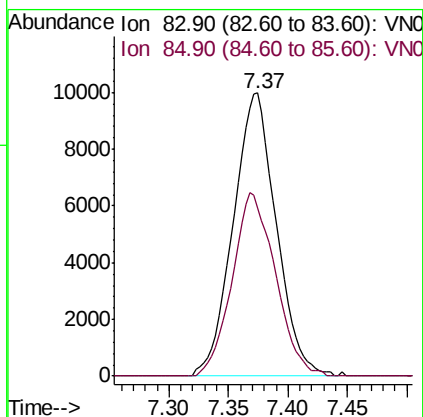
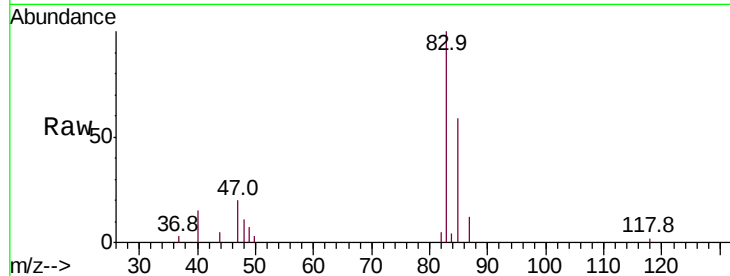




#30
Chloroform
Concen: 4.882 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VN056321.D
Acq: 14 Jun 2019 18:50

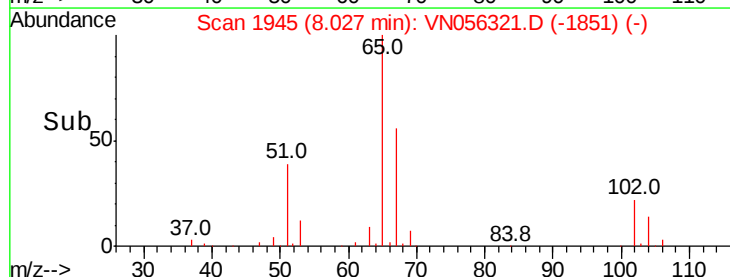
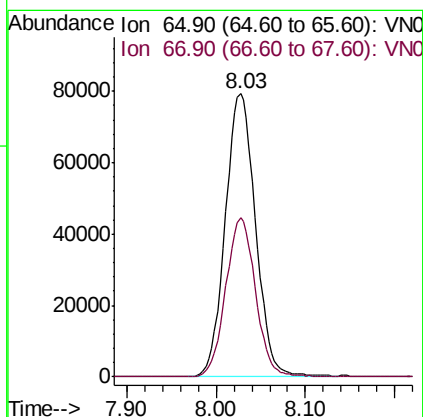
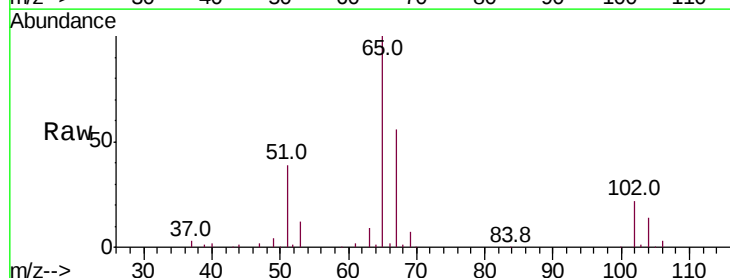
Instrument :
MSVOA_N
ClientSampleId :
20190612-LOC-11

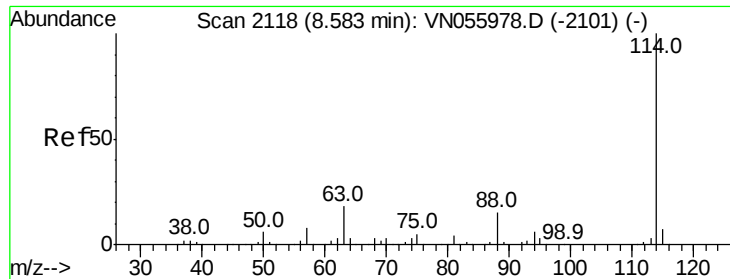
Tot Ion: 83 Resp: 25061
Ion Ratio Lower Upper
83 100
85 59.4 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 58.273 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056321.D
Acq: 14 Jun 2019 18:50

Tgt Ion: 65 Resp: 186789
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.2

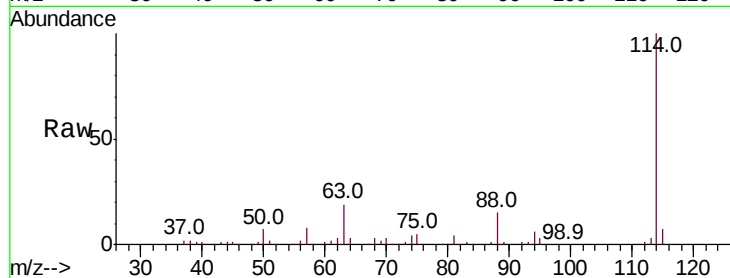




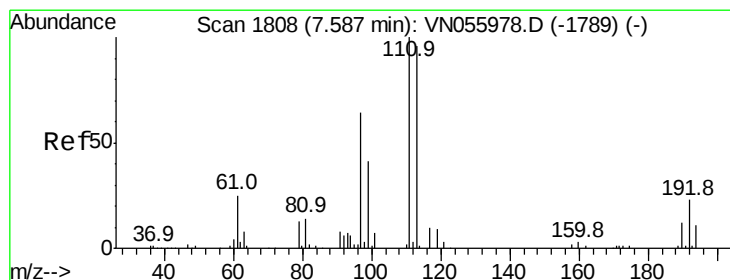
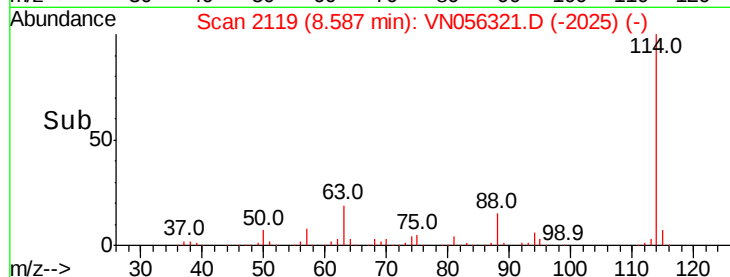
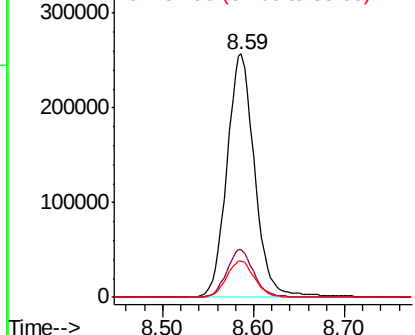
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056321.D
 Acq: 14 Jun 2019 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 20190612-LOC-11

Tot Ion:114 Resp: 543338
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.0 0.0 31.0

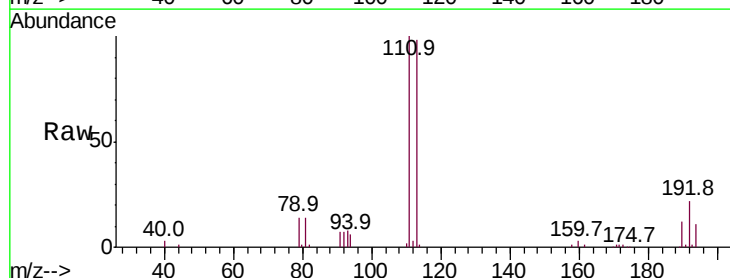


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

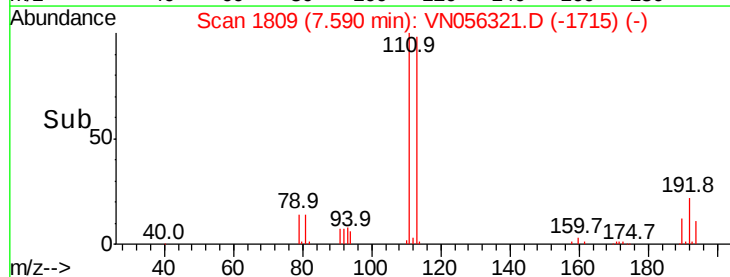
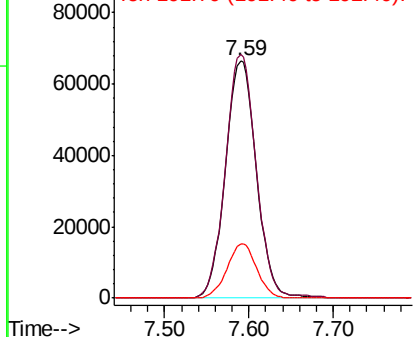


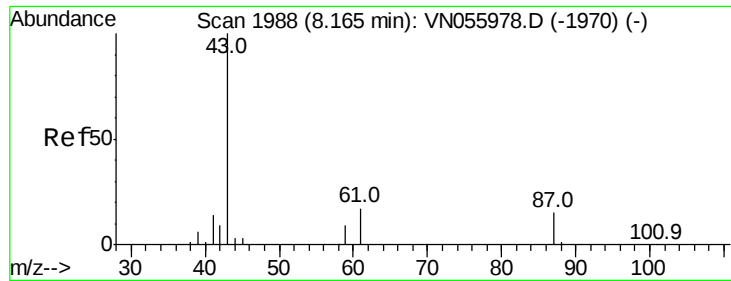
#35
 Dibromofluoromethane
 Concen: 51.057 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056321.D
 Acq: 14 Jun 2019 18:50

Tgt Ion:113 Resp: 170201
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.9 122.9
 192 22.0 19.5 29.3



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: 1.670 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056321.D

Acq: 14 Jun 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

20190612-LOC-11

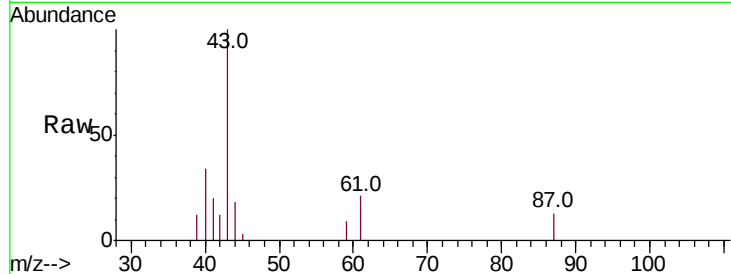
Tot Ion: 43 Resp: 11248

Ion Ratio Lower Upper

43 100

61 19.9 22.2 33.4#

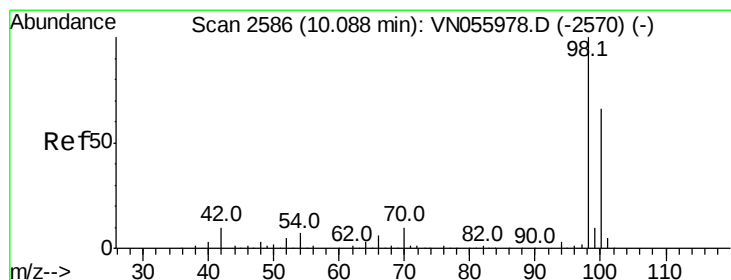
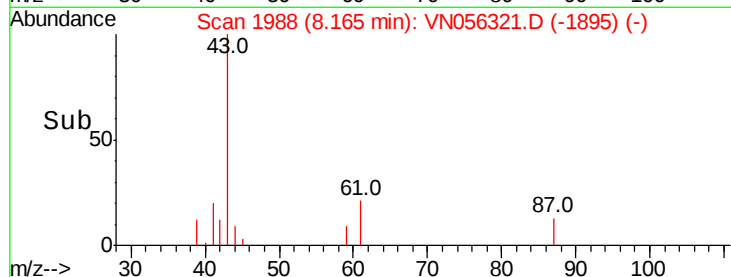
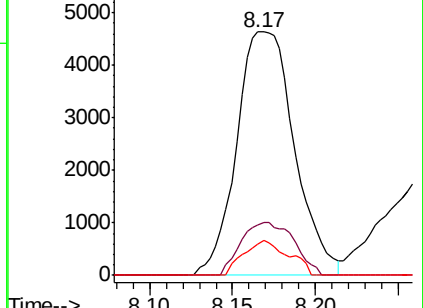
87 11.1 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 53.919 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056321.D

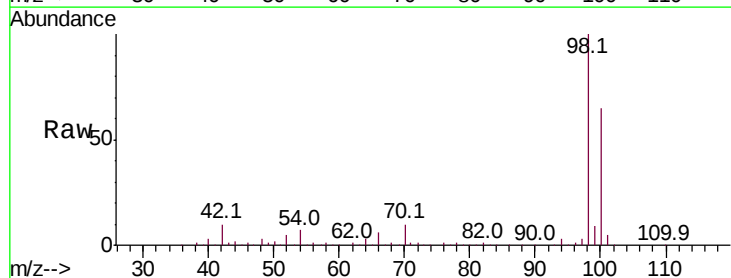
Acq: 14 Jun 2019 18:50

Tgt Ion: 98 Resp: 691645

Ion Ratio Lower Upper

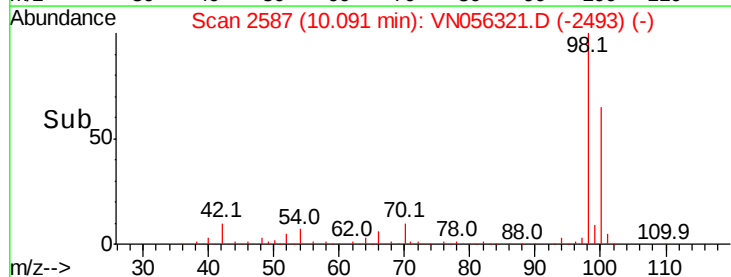
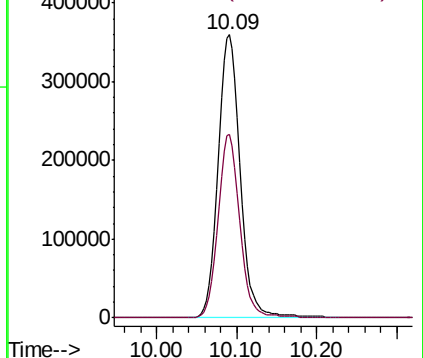
98 100

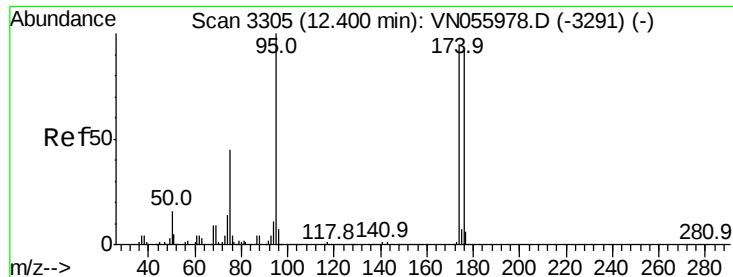
100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 52.712 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056321.D

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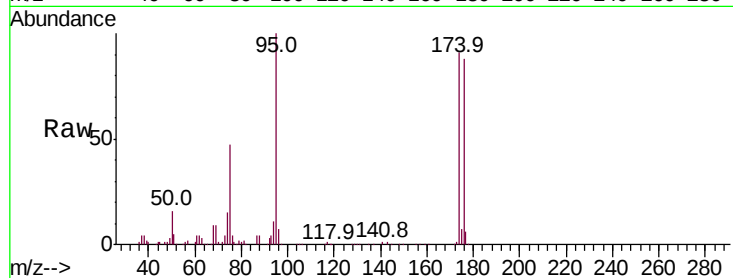
Tot Ion: 95 Resp: 229947

Ion Ratio Lower Upper

95 100

174 91.6 0.0 191.0

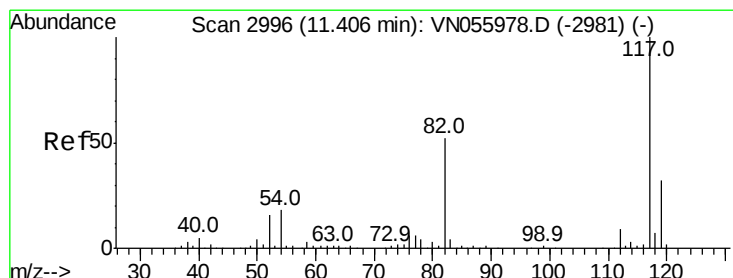
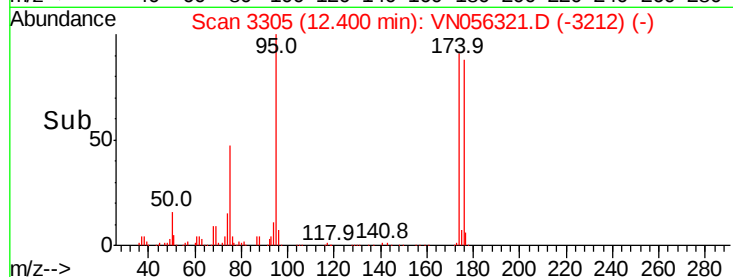
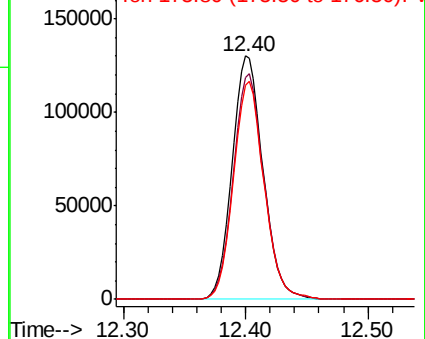
176 88.8 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056321.D

Acq: 14 Jun 2019 18:50

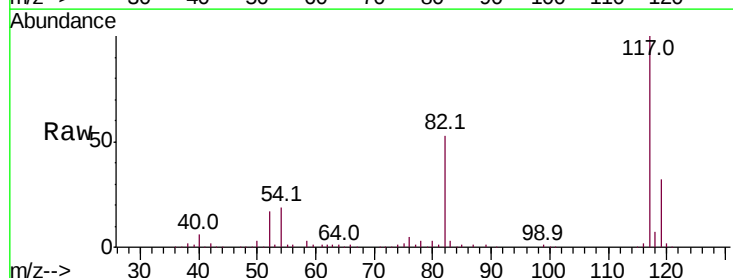
Tgt Ion: 117 Resp: 559955

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.8

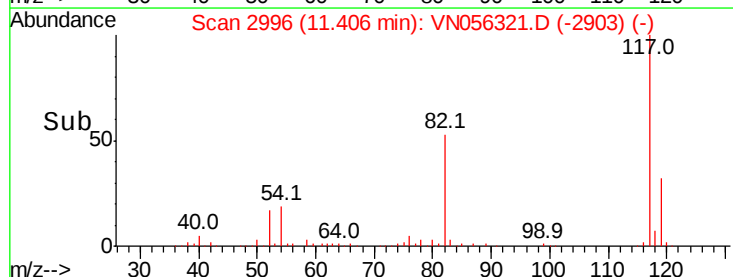
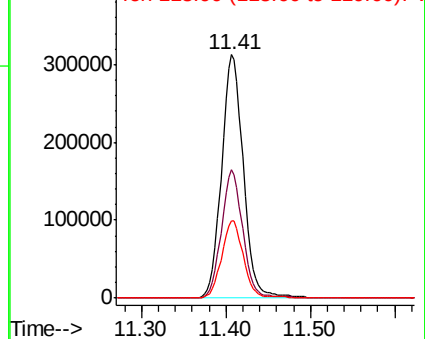
119 31.9 25.4 38.0

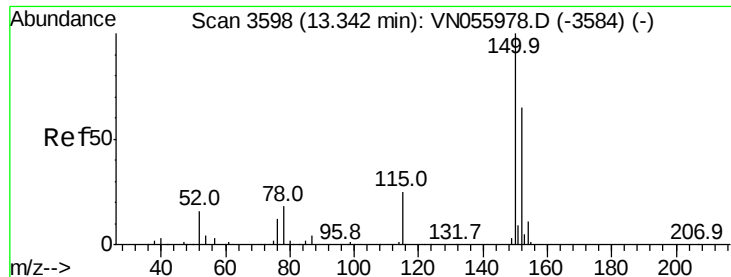


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056321.D

Acq: 14 Jun 2019 18:50

Instrument :

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20190612-LOC-11

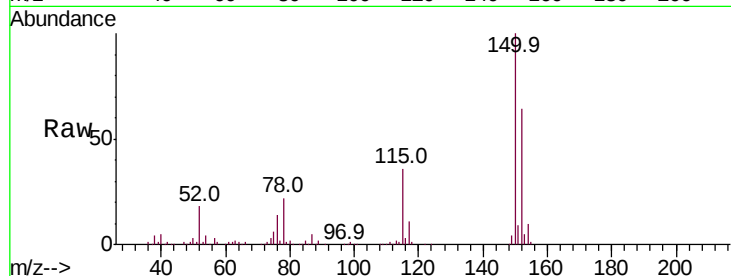
Tot Ion:152 Resp: 176112

Ion Ratio Lower Upper

152 100

115 56.8 27.0 81.0

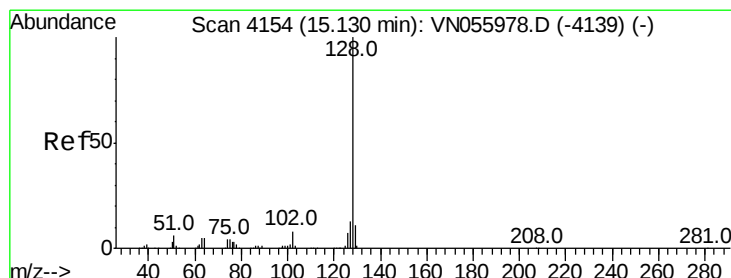
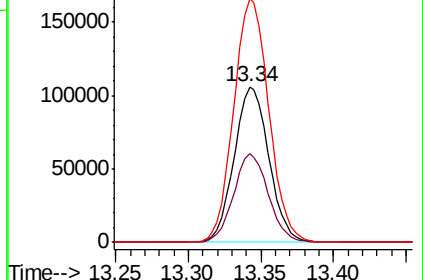
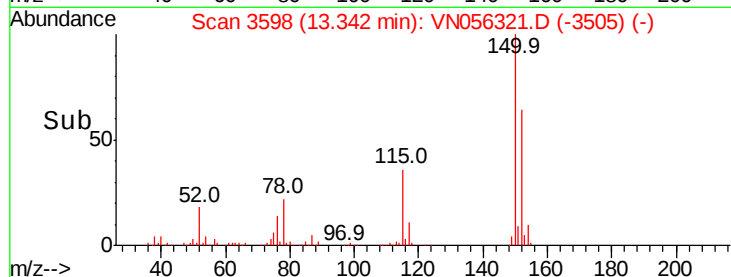
150 158.5 0.0 343.2



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: 4.988 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056321.D

Acq: 14 Jun 2019 18:50

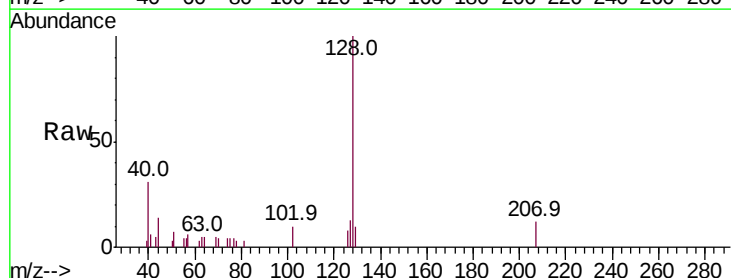
Tgt Ion:128 Resp: 10377

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 9.2 8.7 13.1



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

