

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056882.D
 Acq On : 23 Jul 2019 16:38
 Operator : JC/SP
 Sample : K3618-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-072219

Quant Time: Jul 24 02:18:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

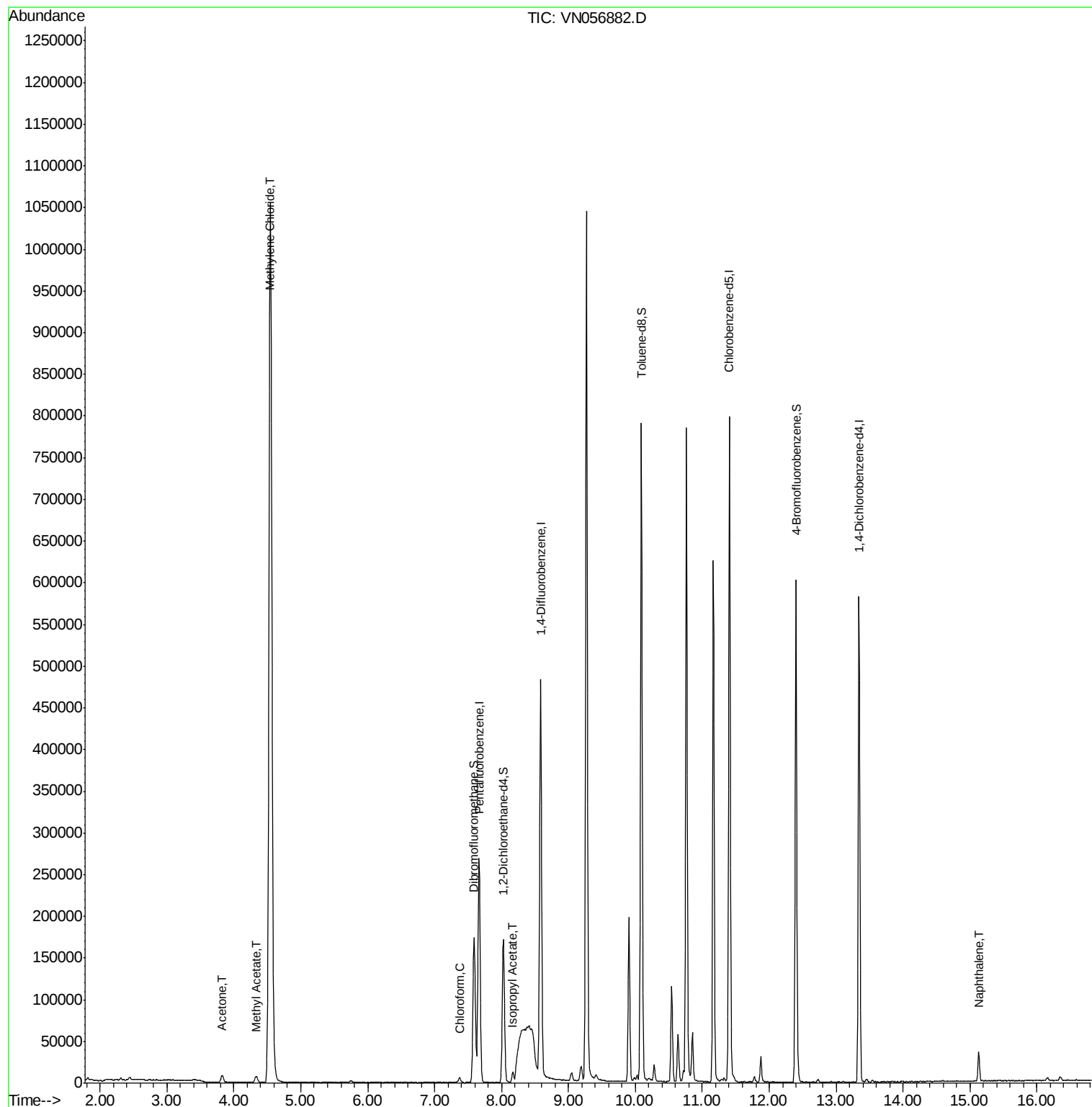
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	234764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	447543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175692	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	145200	57.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.96%	
35) Dibromofluoromethane	7.59	113	134375	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	10.09	98	571740	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.40	95	213526	60.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.24%	
Target Compounds						
16) Acetone	3.82	43	15941	17.678	ug/l	97
18) Methyl Acetate	4.34	43	15100	3.396	ug/l	94
20) Methylene Chloride	4.54	84	828884	307.408	ug/l	99
30) Chloroform	7.37	83	6786	1.543	ug/l	90
43) Isopropyl Acetate	8.17	43	14416	2.520	ug/l	98
95) Naphthalene	15.13	128	32284	7.128	ug/l	99

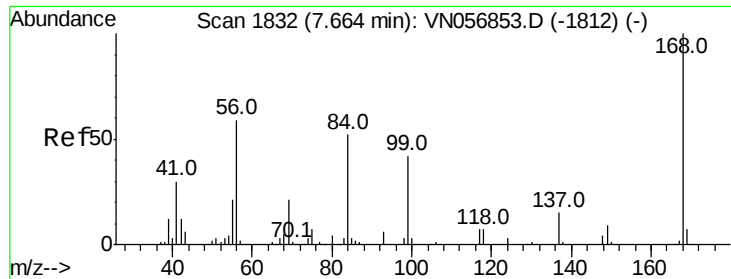
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072319\
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Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 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: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

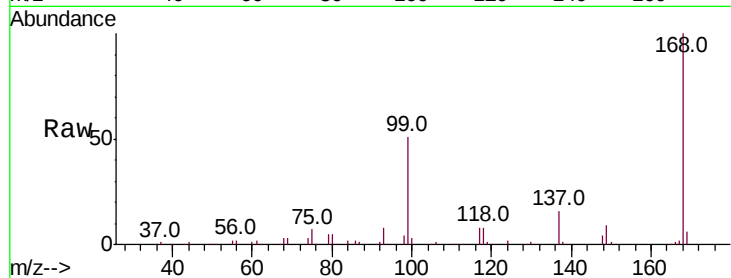
HD-02-072219

Tot Ion:168 Resp: 234764

Ion Ratio Lower Upper

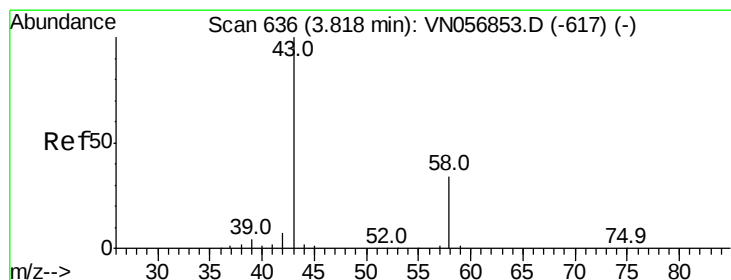
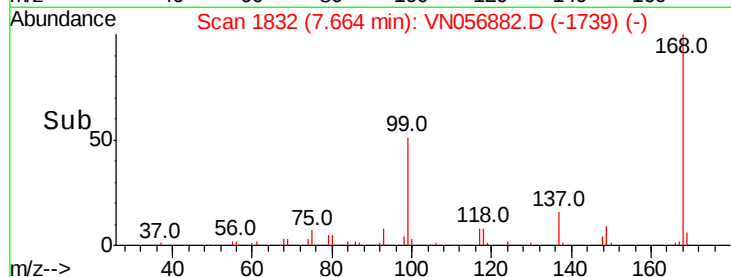
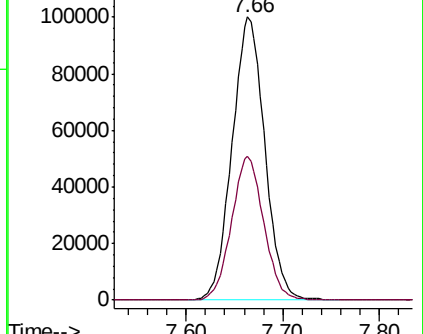
168 100

99 50.9 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 17.678 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056882.D

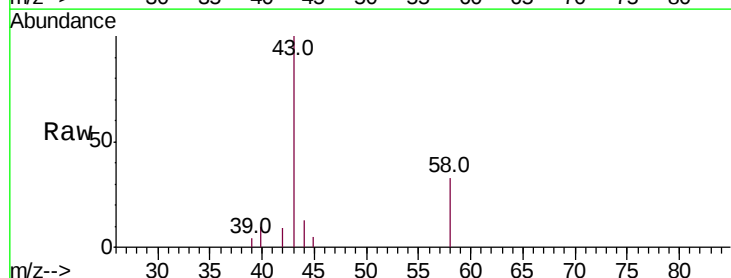
Acq: 23 Jul 2019 16:38

Tgt Ion: 43 Resp: 15941

Ion Ratio Lower Upper

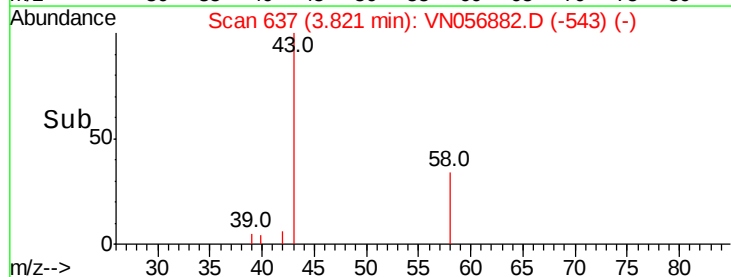
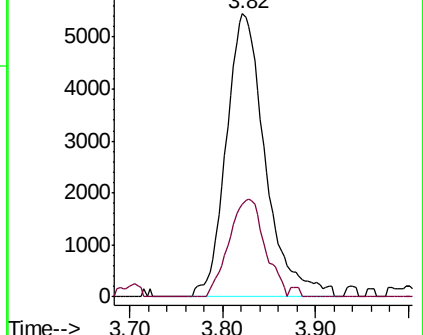
43 100

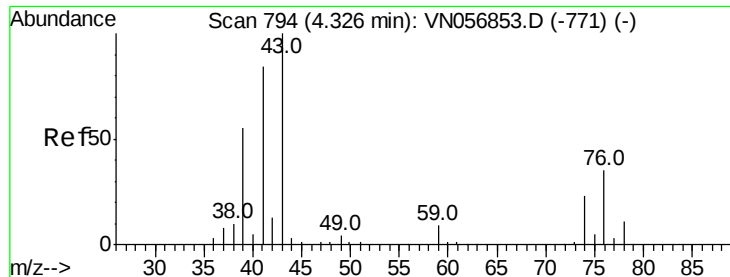
58 32.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

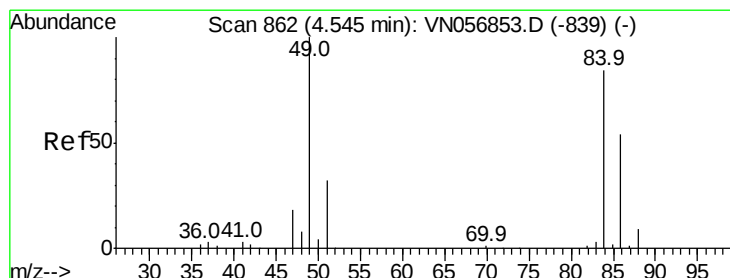
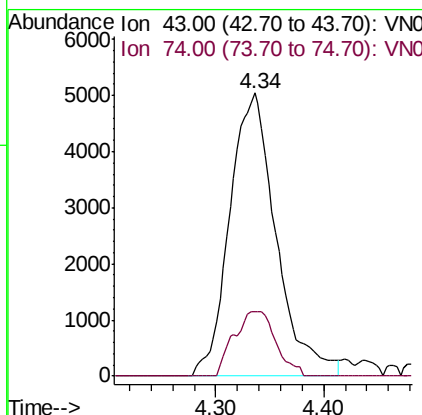
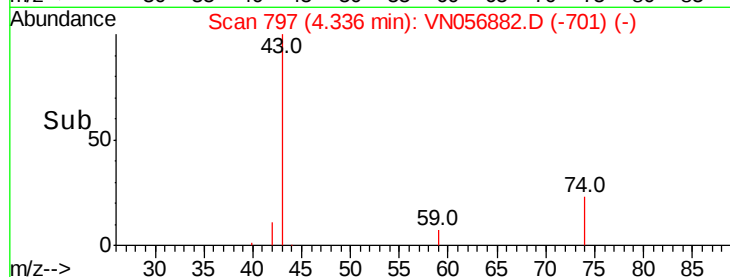
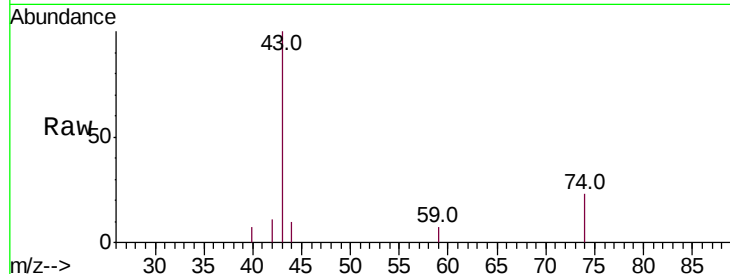




#18
Methyl Acetate
Concen: 3.396 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

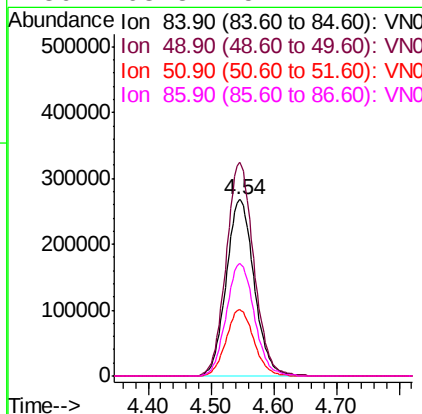
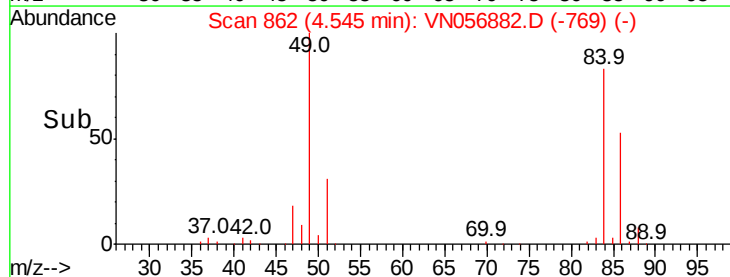
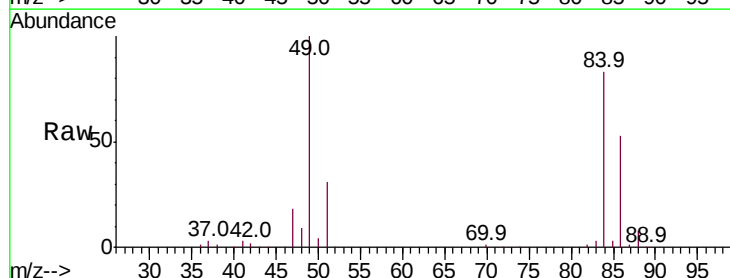
Instrument :
MSVOA_N
ClientSampled :
HD-02-072219

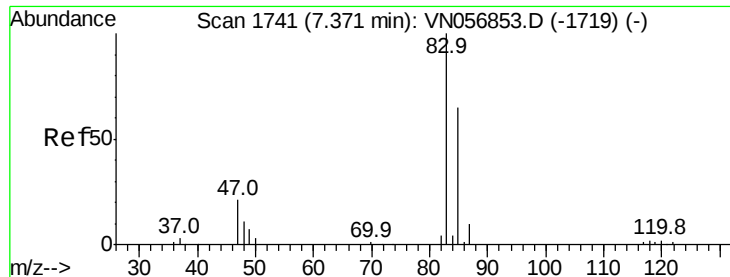
Tot Ion: 43 Resp: 15100
Ion Ratio Lower Upper
43 100
74 20.5 19.0 28.4



#20
Methylene Chloride
Concen: 307.408 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

Tgt Ion: 84 Resp: 828884
Ion Ratio Lower Upper
84 100
49 121.1 94.9 142.3
51 37.4 29.9 44.9
86 63.8 51.4 77.2

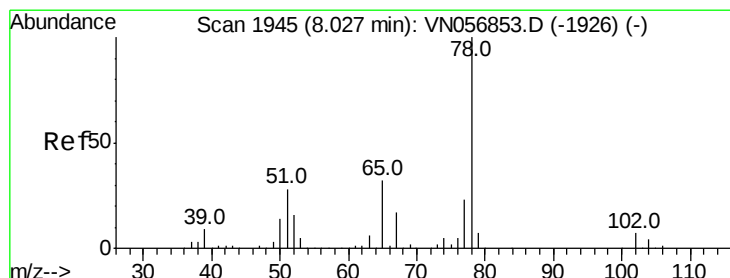
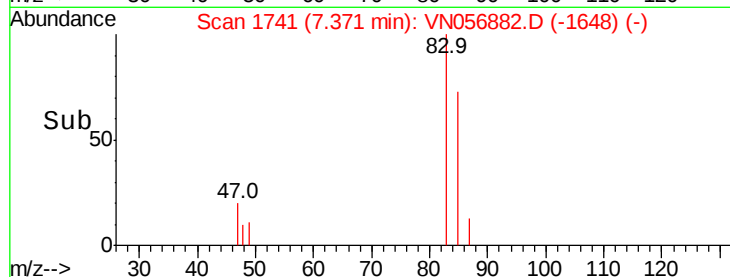
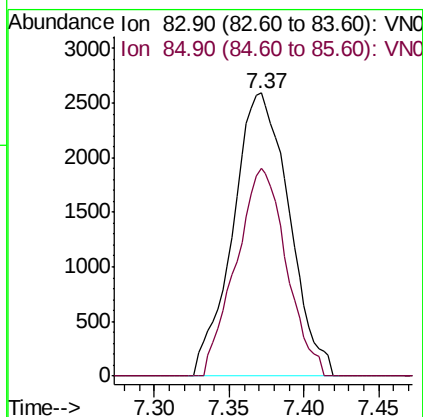
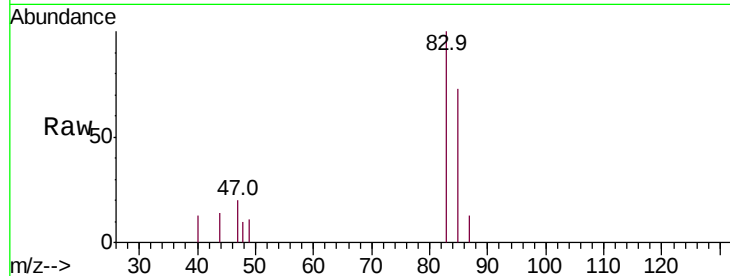




#30
Chloroform
Concen: 1.543 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

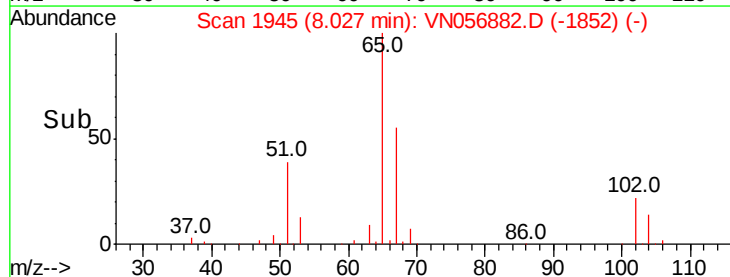
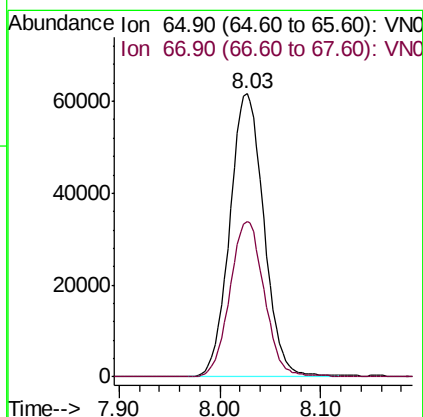
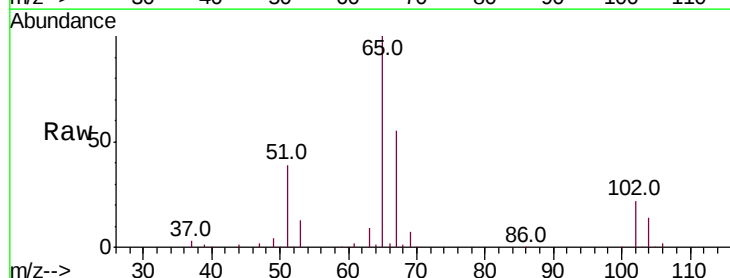
Instrument :
MSVOA_N
ClientSampleId :
HD-02-072219

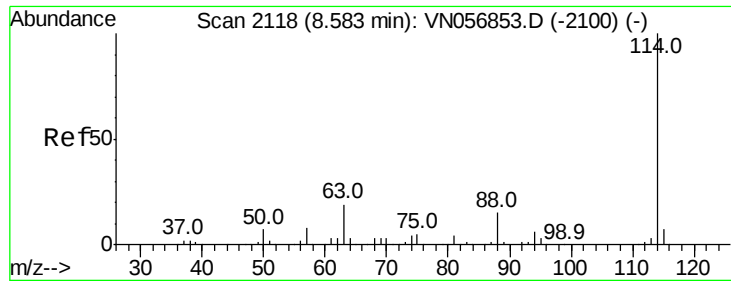
Tot Ion: 83 Resp: 6786
Ion Ratio Lower Upper
83 100
85 73.4 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 57.985 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056882.D
Acq: 23 Jul 2019 16:38

Tgt Ion: 65 Resp: 145200
Ion Ratio Lower Upper
65 100
67 55.1 0.0 108.6

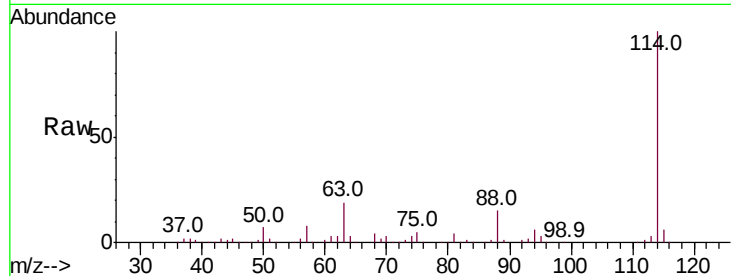




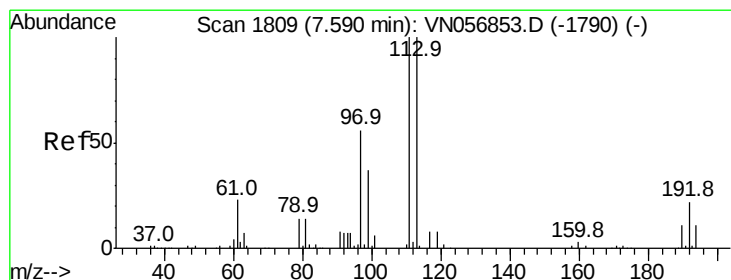
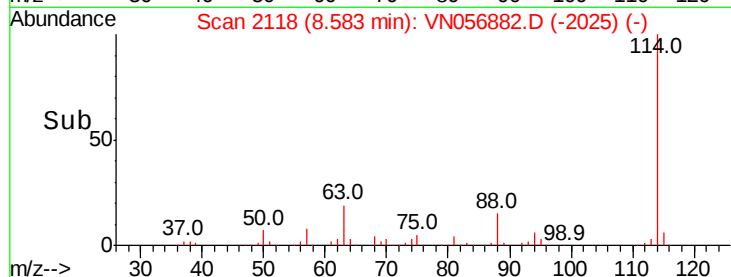
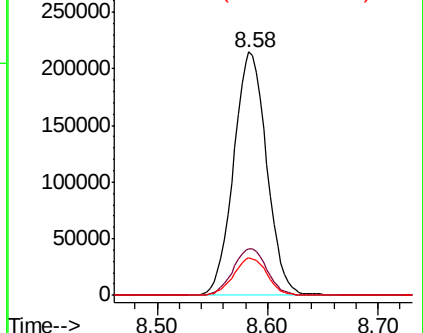
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056882.D
 Acq: 23 Jul 2019 16:38

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-072219

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.8
88	15.3	0.0	31.0

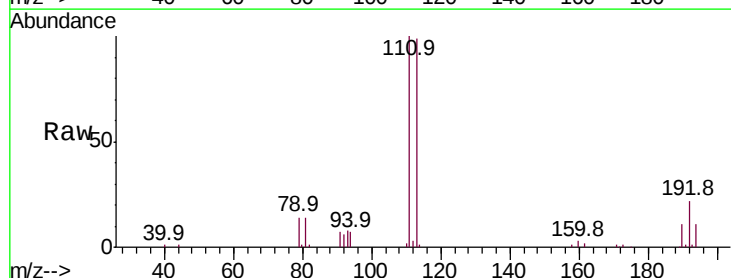


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

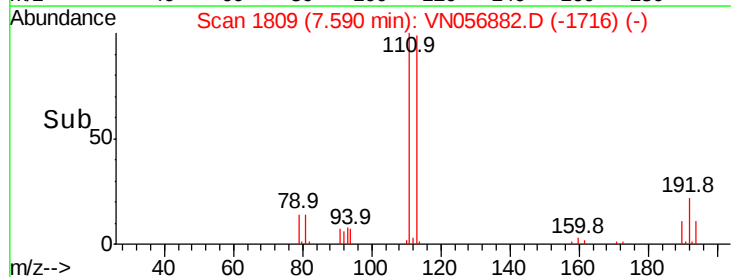
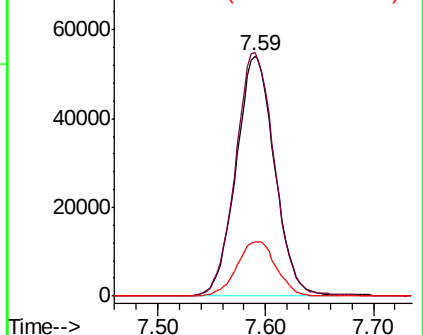


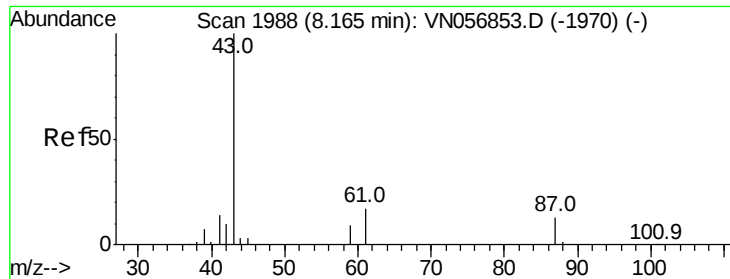
#35
 Dibromofluoromethane
 Concen: 47.370 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056882.D
 Acq: 23 Jul 2019 16:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	23.1	18.5	27.7



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: 2.520 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

HD-02-072219

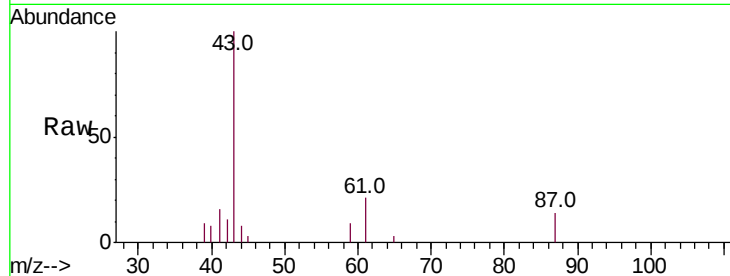
Tot Ion: 43 Resp: 14416

Ion Ratio Lower Upper

43 100

61 21.1 17.8 26.6

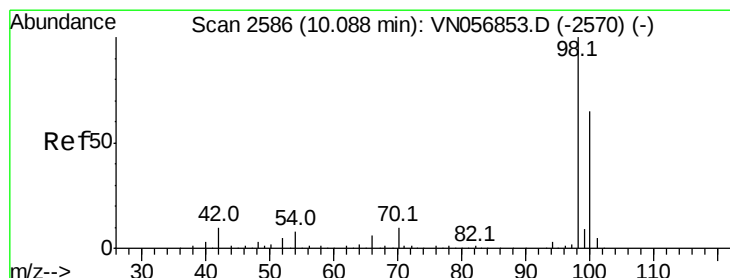
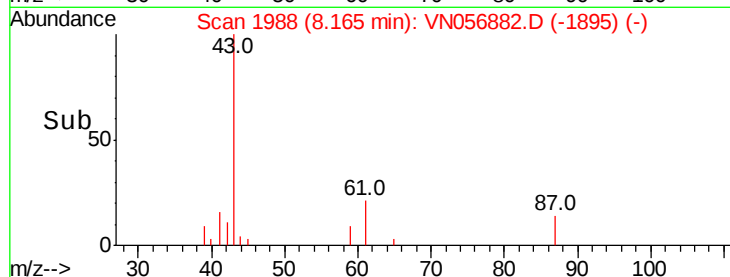
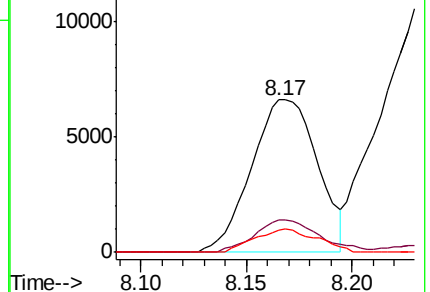
87 14.2 11.0 16.4



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: 52.683 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056882.D

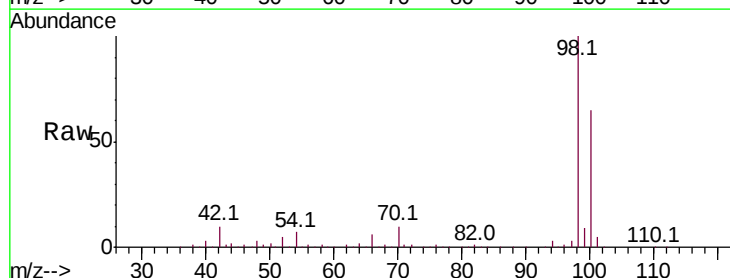
Acq: 23 Jul 2019 16:38

Tgt Ion: 98 Resp: 571740

Ion Ratio Lower Upper

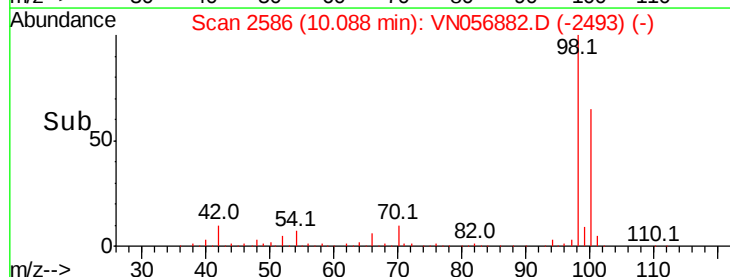
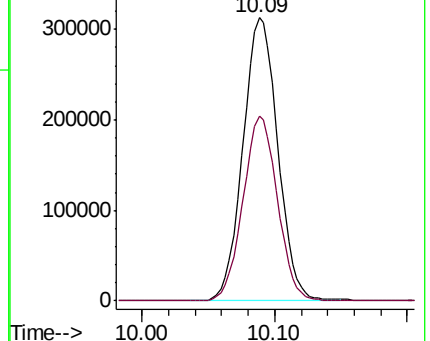
98 100

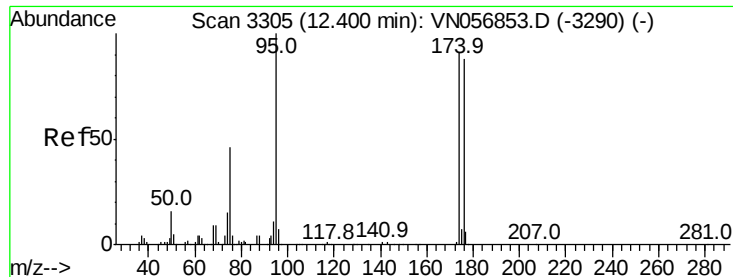
100 64.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 60.122 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

HD-02-072219

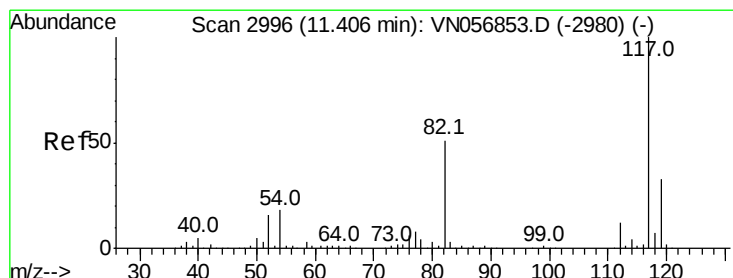
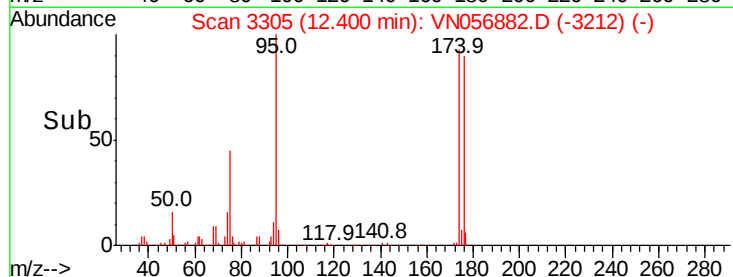
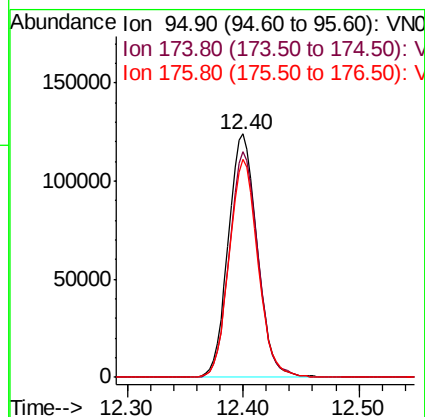
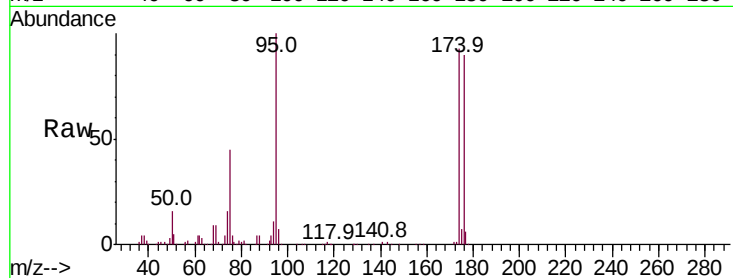
Tot Ion: 95 Resp: 213526

Ion Ratio Lower Upper

95 100

174 91.5 0.0 183.4

176 88.5 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

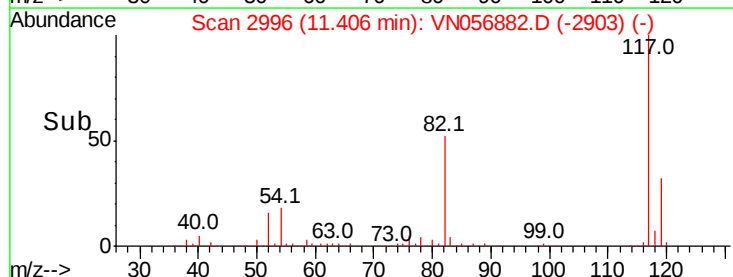
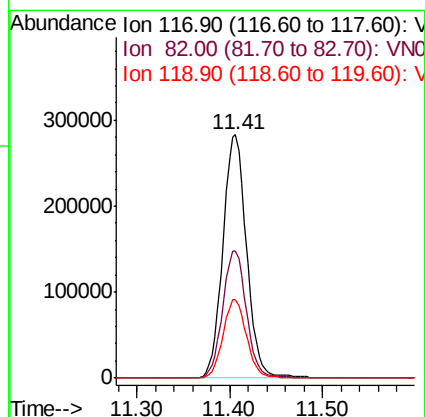
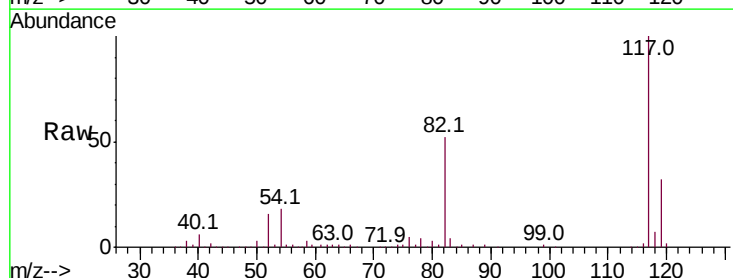
Tgt Ion: 117 Resp: 501563

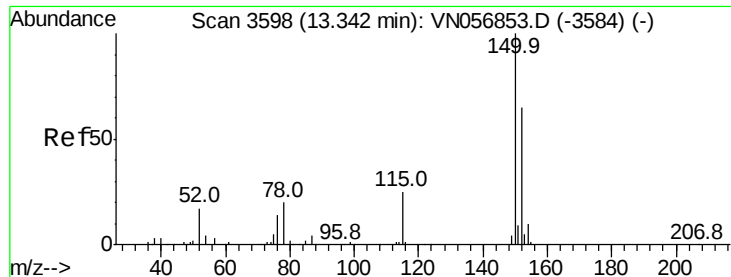
Ion Ratio Lower Upper

117 100

82 52.4 41.2 61.8

119 32.2 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

HD-02-072219

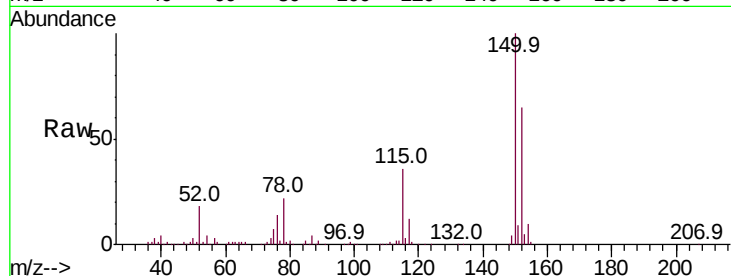
Tot Ion:152 Resp: 175692

Ion Ratio Lower Upper

152 100

115 55.8 27.6 82.7

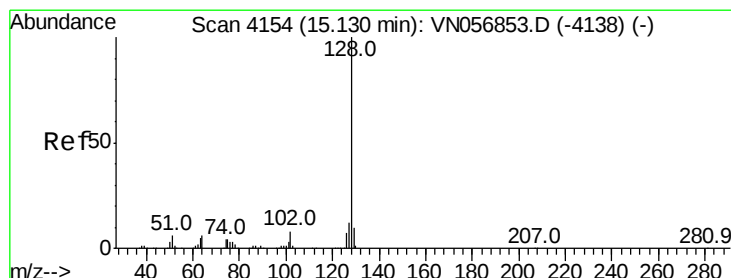
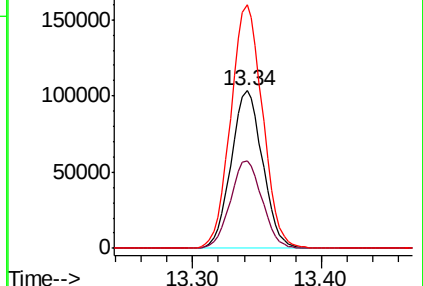
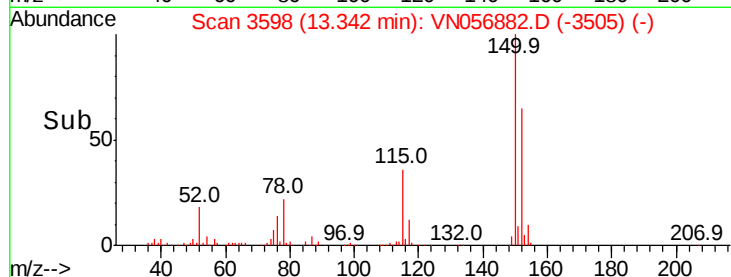
150 155.8 0.0 343.0



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: 7.128 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056882.D

Acq: 23 Jul 2019 16:38

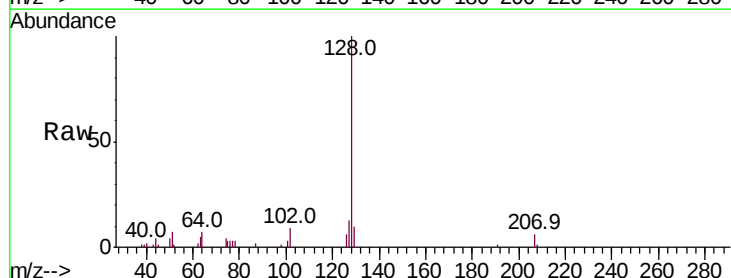
Tgt Ion:128 Resp: 32284

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.4 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

