

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058879.D
 Acq On : 21 Oct 2019 11:49
 Operator : JC/SP
 Sample : K5451-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7326B

Quant Time: Oct 22 03:46:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

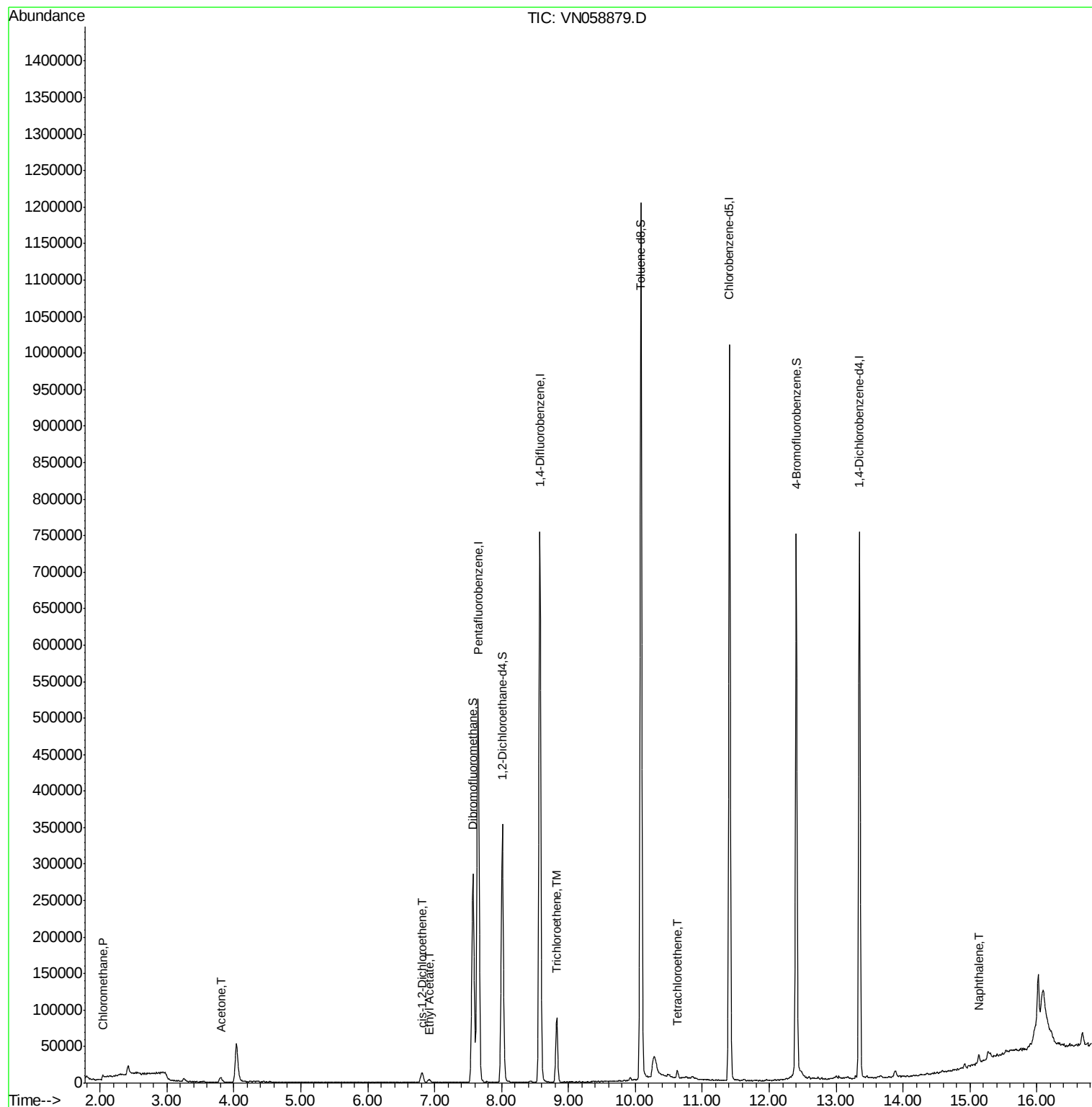
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	407464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	647729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	554173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	193602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	304025	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
35) Dibromofluoromethane	7.57	113	216324	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
50) Toluene-d8	10.08	98	817843	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	255312	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.12%	
Target Compounds						
3) Chloromethane	2.04	50	3835	0.610	ug/l #	88
16) Acetone	3.81	43	12004	4.065	ug/l	95
27) cis-1,2-Dichloroethene	6.81	96	7202	1.421	ug/l	91
37) Ethyl Acetate	6.91	43	6863	0.950	ug/l #	94
44) Trichloroethene	8.82	130	30752	6.483	ug/l	94
64) Tetrachloroethene	10.63	164	1920	0.495	ug/l	92
95) Naphthalene	15.14	128	7284	2.853	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058879.D

Acq: 21 Oct 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

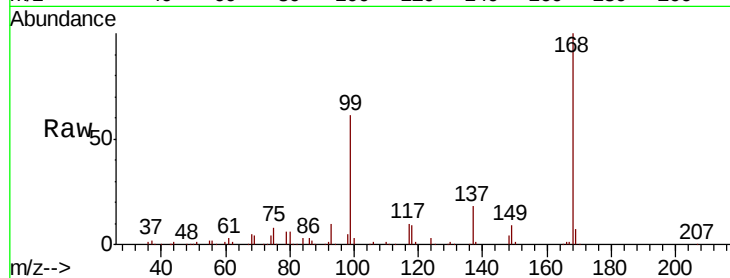
FA19-JBW7326B

Tot Ion:168 Resp: 407464

Ion Ratio Lower Upper

168 100

99 60.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

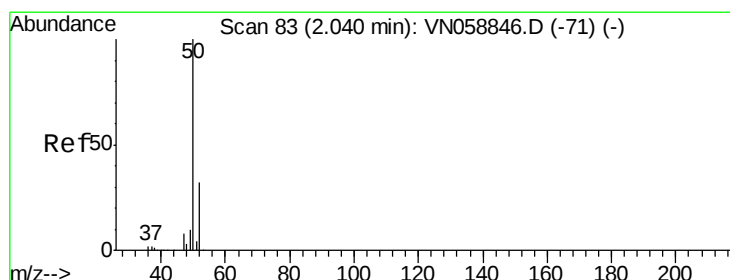
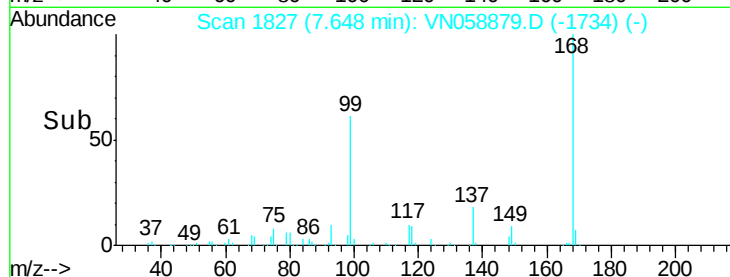
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.610 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.00 min

Lab File: VN058879.D

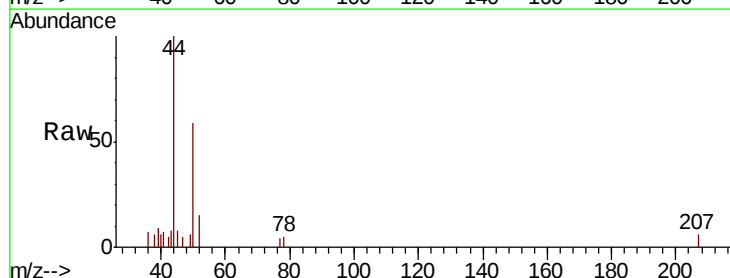
Acq: 21 Oct 2019 11:49

Tgt Ion: 50 Resp: 3835

Ion Ratio Lower Upper

50 100

52 25.6 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

3000

2500

2000

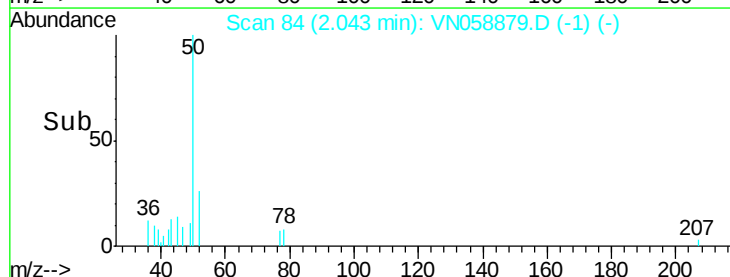
1500

1000

500

0

Time-->





#16

Acetone

Concen: 4.065 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.02 min

Lab File: VN058879.D

Acq: 21 Oct 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

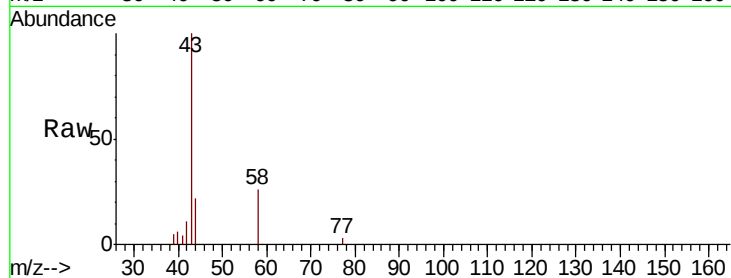
FA19-JBW7326B

Tot Ion: 43 Resp: 12004

Ion Ratio Lower Upper

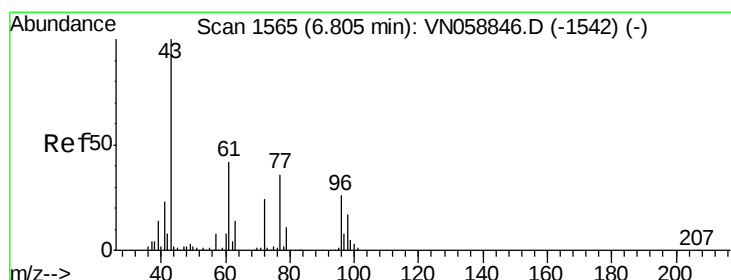
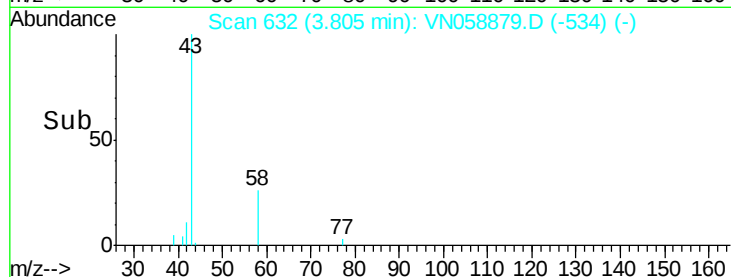
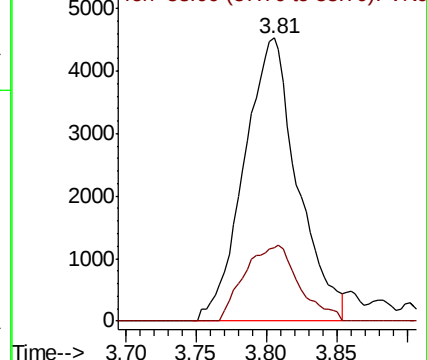
43 100

58 26.2 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-592) (-)



#27

cis-1,2-Dichloroethene

Concen: 1.421 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058879.D

Acq: 21 Oct 2019 11:49

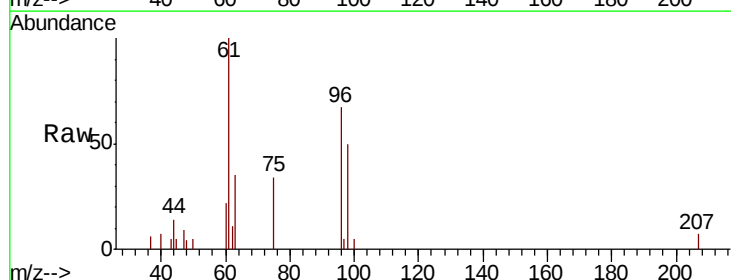
Tgt Ion: 96 Resp: 7202

Ion Ratio Lower Upper

96 100

61 148.4 0.0 325.0

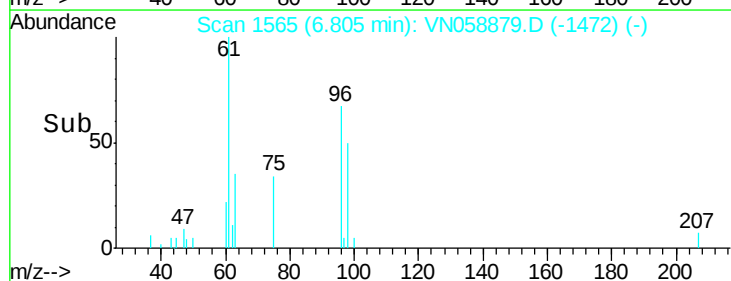
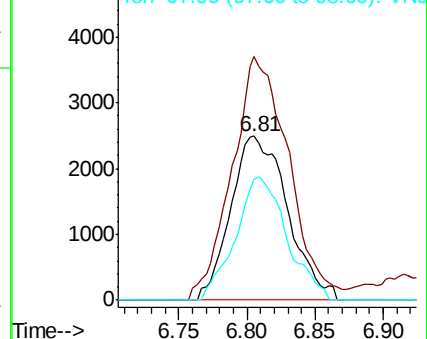
98 68.0 0.0 128.0

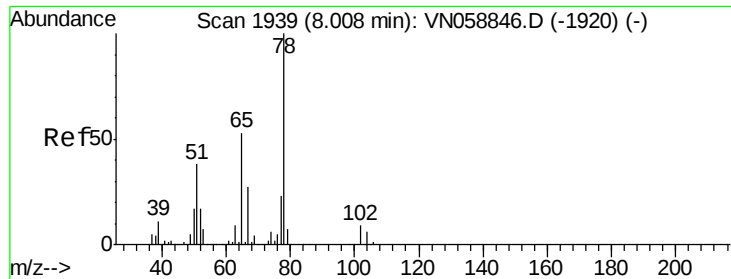


Abundance Ion 95.90 (95.60 to 96.60): VN058846.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN058846.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN058846.D (-1542) (-)

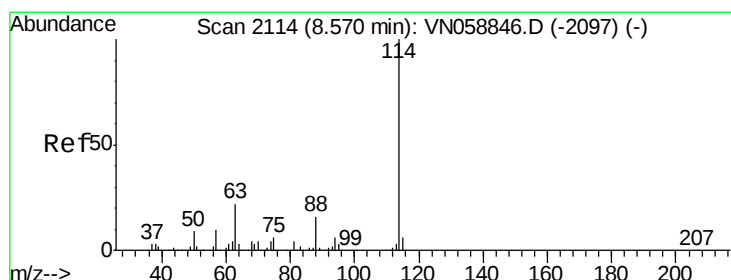
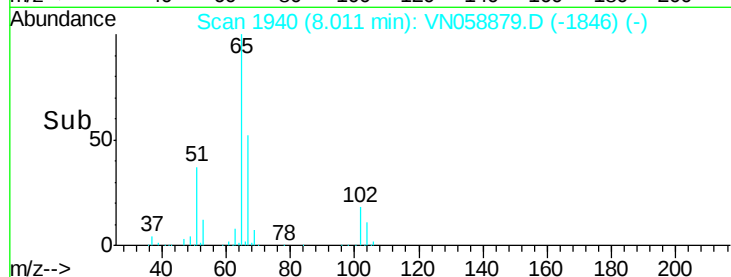
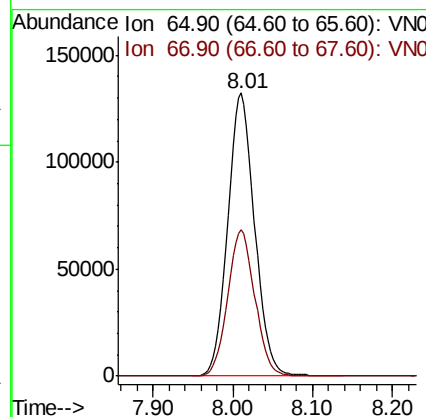
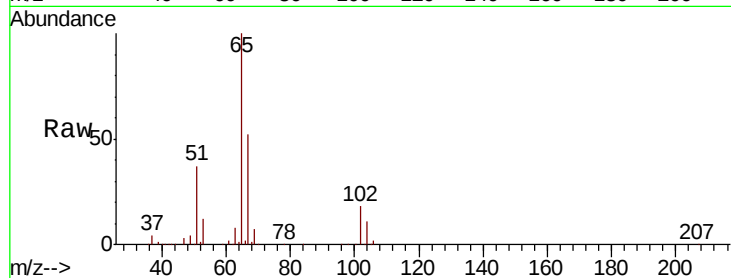




#33
 1,2-Dichloroethane-d4
 Concen: 50.874 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058879.D
 Acq: 21 Oct 2019 11:49

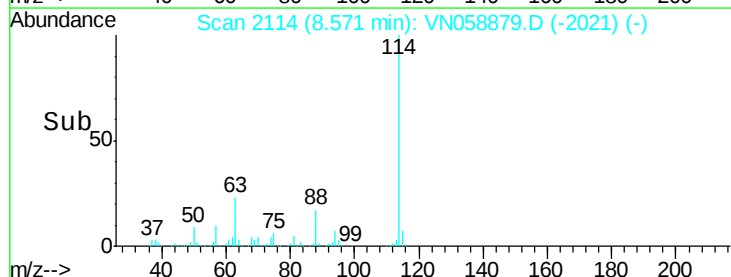
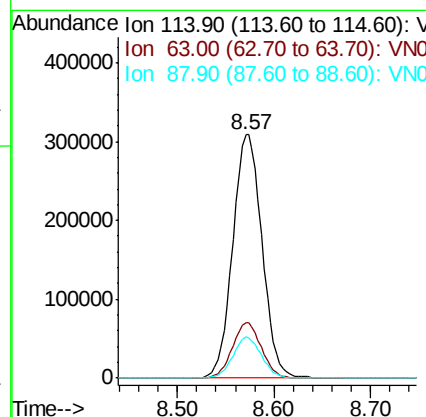
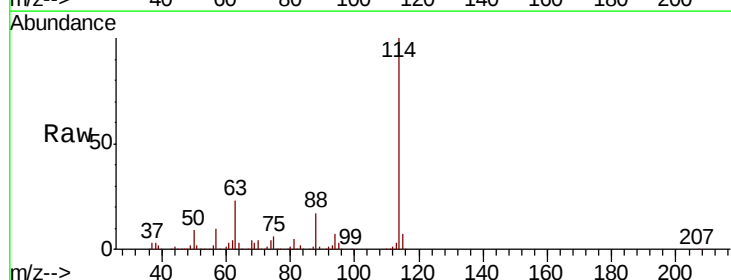
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7326B

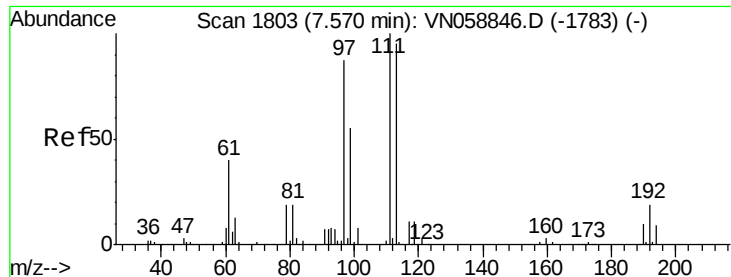
Tot Ion: 65 Resp: 304025
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058879.D
 Acq: 21 Oct 2019 11:49

Tgt Ion: 114 Resp: 647729
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.4
 88 16.8 0.0 31.4

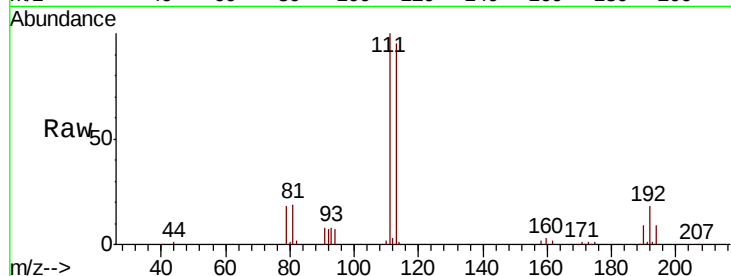




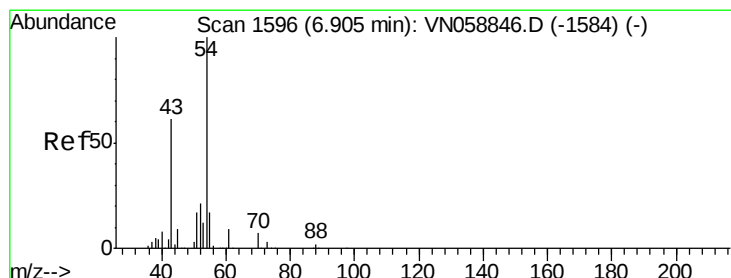
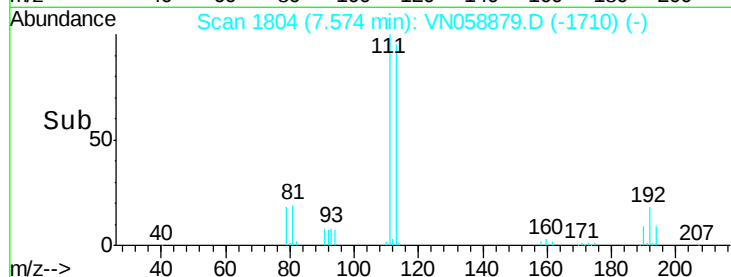
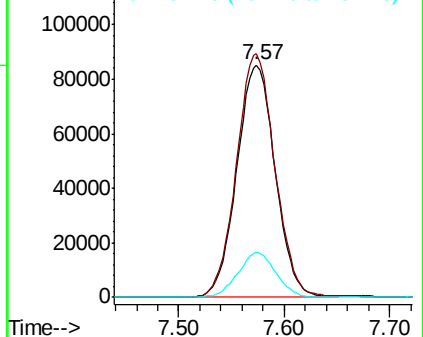
#35
Dibromofluoromethane
Concen: 50.796 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058879.D
Acq: 21 Oct 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326B

Tot Ion:113 Resp: 216324
Ion Ratio Lower Upper
113 100
111 104.5 82.0 123.0
192 19.1 15.0 22.6

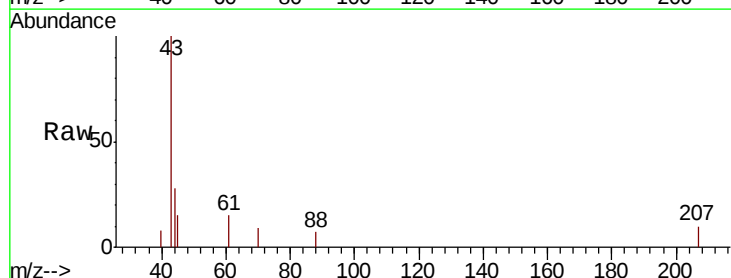


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

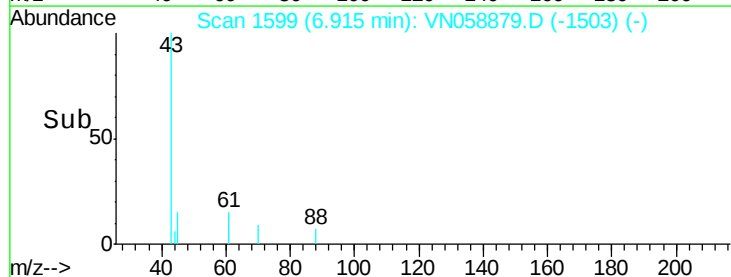
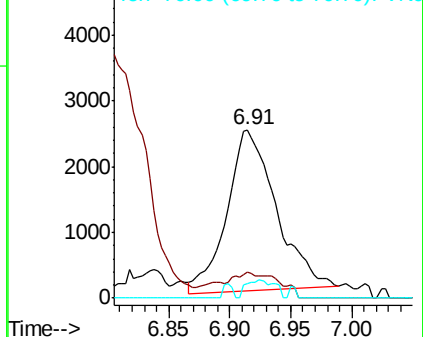


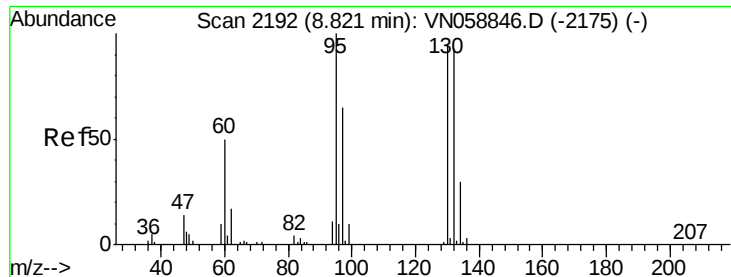
#37
Ethyl Acetate
Concen: 0.950 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VN058879.D
Acq: 21 Oct 2019 11:49

Tgt Ion: 43 Resp: 6863
Ion Ratio Lower Upper
43 100
61 14.8 10.5 15.7
70 6.4 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 70.00 (69.70 to 70.70): VNO





#44

Trichloroethene

Concen: 6.483 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058879.D

Acq: 21 Oct 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

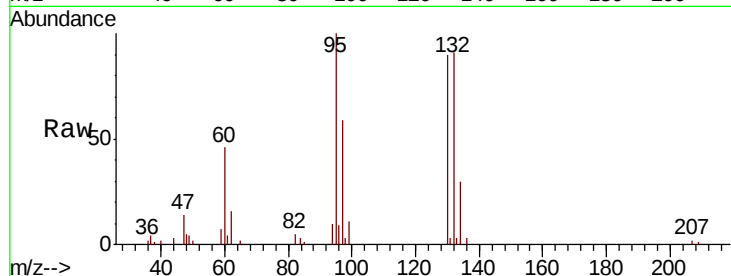
FA19-JBW7326B

Tot Ion:130 Resp: 30752

Ion Ratio Lower Upper

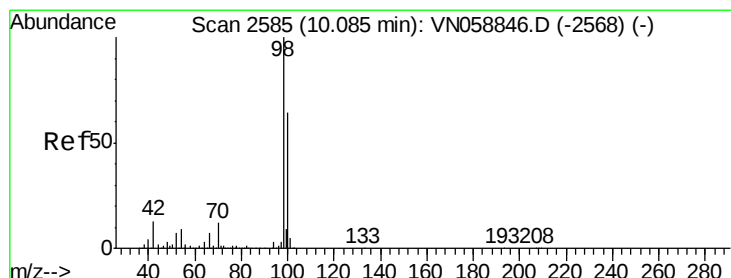
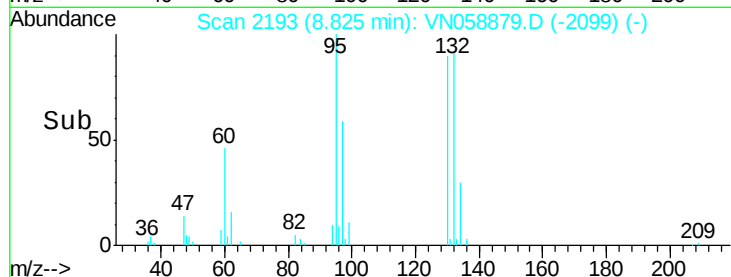
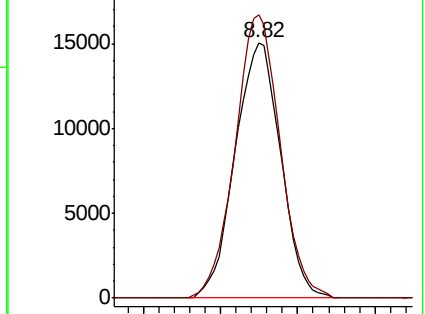
130 100

95 110.7 0.0 209.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 49.472 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058879.D

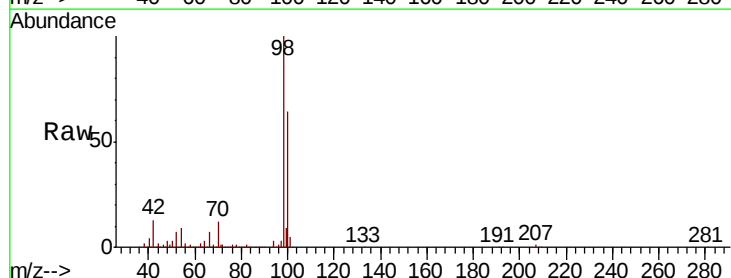
Acq: 21 Oct 2019 11:49

Tgt Ion: 98 Resp: 817843

Ion Ratio Lower Upper

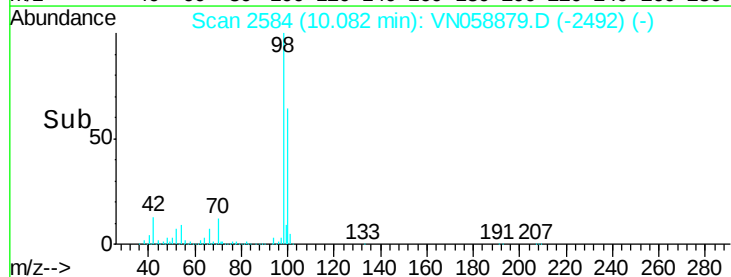
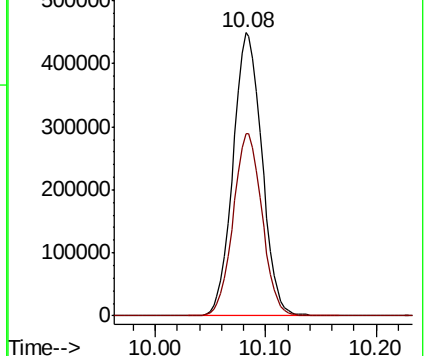
98 100

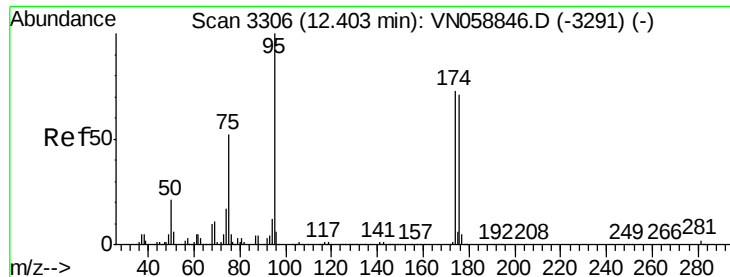
100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 42.056 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058879.D

Acq: 21 Oct 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

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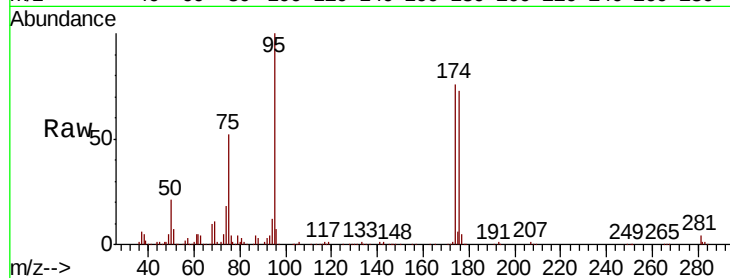
Tot Ion: 95 Resp: 255312

Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.6

176 73.4 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

12.40

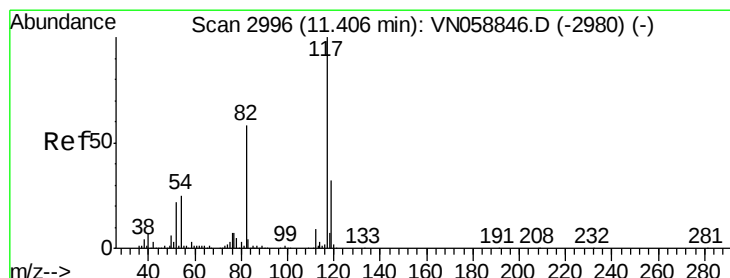
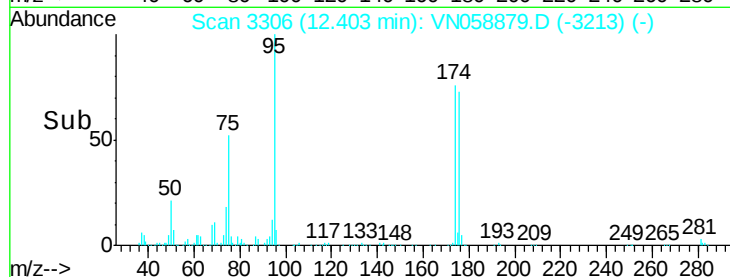
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058879.D

Acq: 21 Oct 2019 11:49

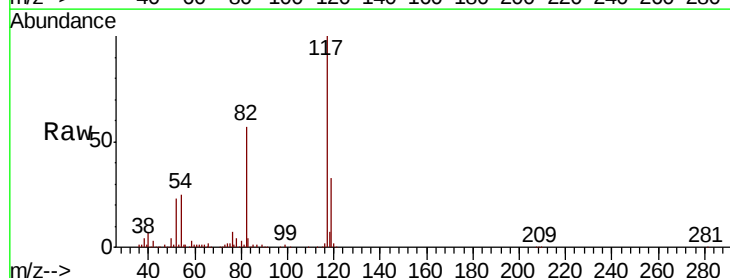
Tgt Ion: 117 Resp: 554173

Ion Ratio Lower Upper

117 100

82 57.4 46.6 69.8

119 32.6 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.41

400000

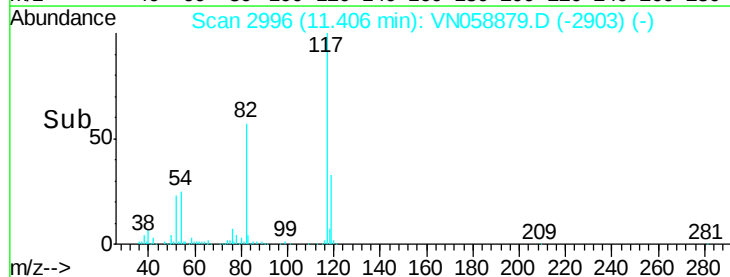
300000

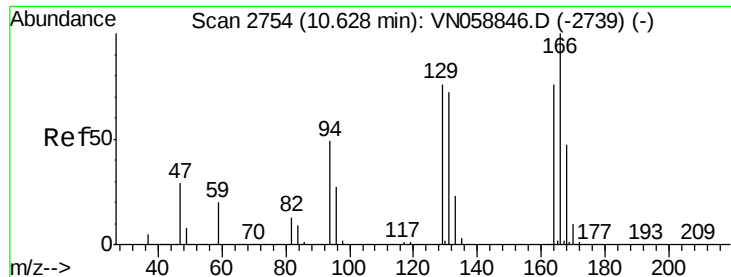
200000

100000

0

Time-->





#64

Tetrachloroethene

Concen: 0.495 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN058879.D

Acq: 21 Oct 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326B

Tot Ion:164 Resp: 1920

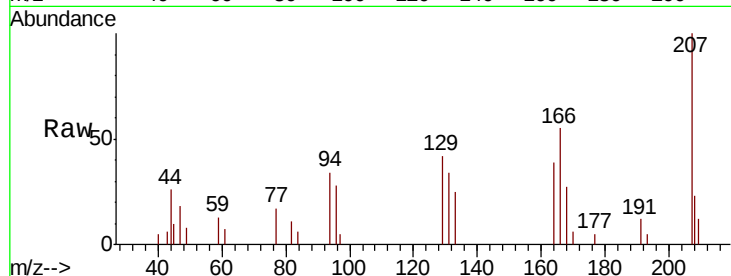
Ion Ratio Lower Upper

164 100

166 143.1 104.8 157.2

129 108.0 79.3 118.9

131 89.3 75.8 113.6

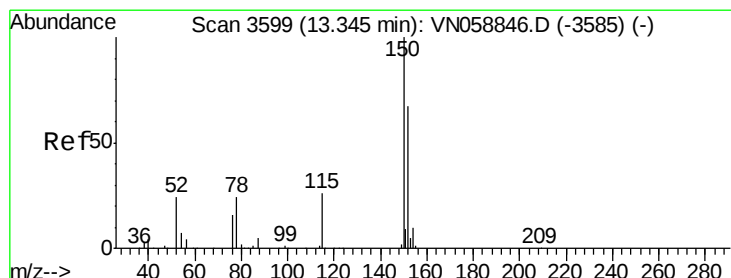
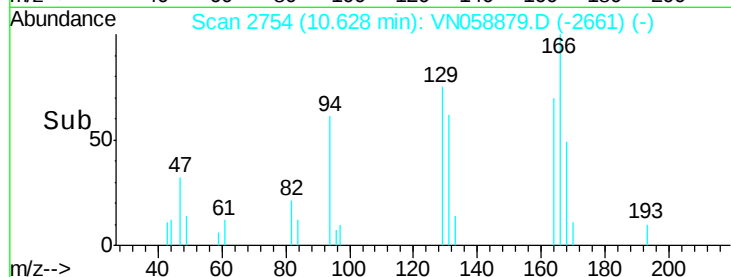
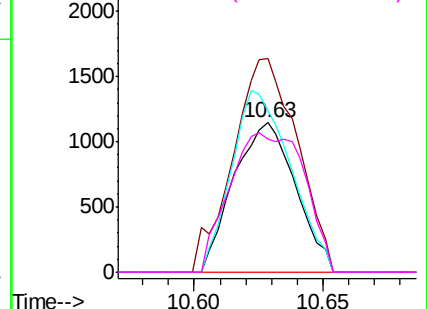


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058879.D

Acq: 21 Oct 2019 11:49

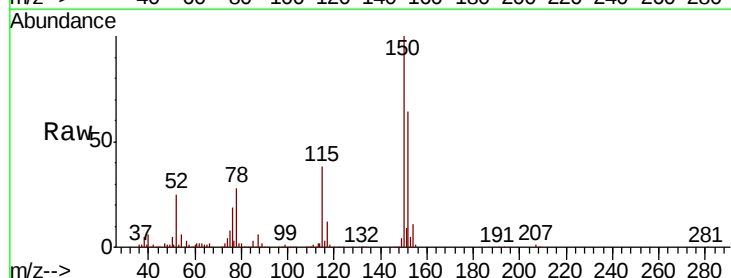
Tgt Ion:152 Resp: 193602

Ion Ratio Lower Upper

152 100

115 60.7 30.5 91.5

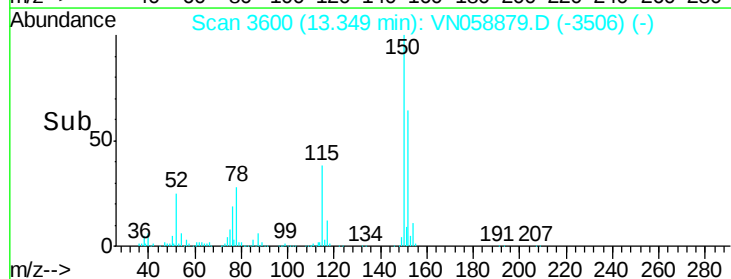
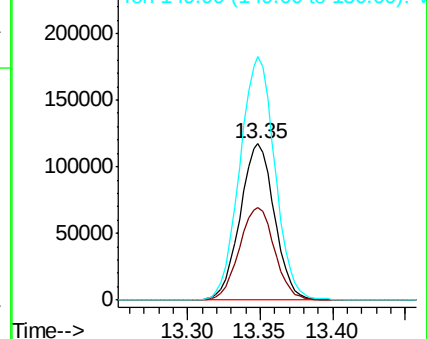
150 158.8 0.0 344.4

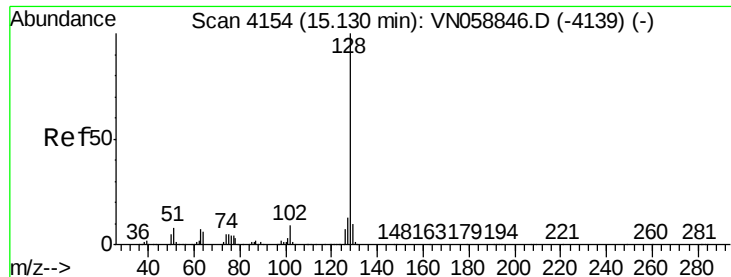


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.853 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN058879.D

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FA19-JBW7326B

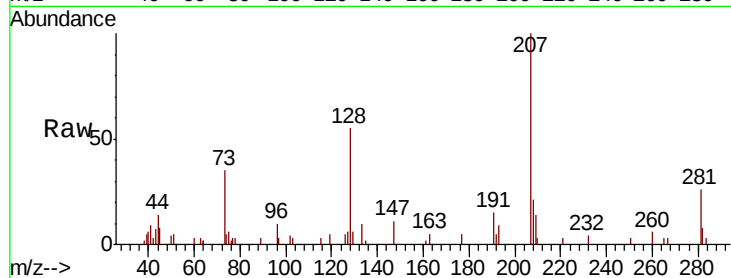
Tot Ion:128 Resp: 7284

Ion Ratio Lower Upper

128 100

127 11.5 10.2 15.2

129 10.5 8.4 12.6



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

