

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100219\
 Data File : VN058494.D
 Acq On : 2 Oct 2019 22:56
 Operator : JC/SP
 Sample : K5131-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190829-COMPOSITE-E

Quant Time: Oct 03 06:32:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

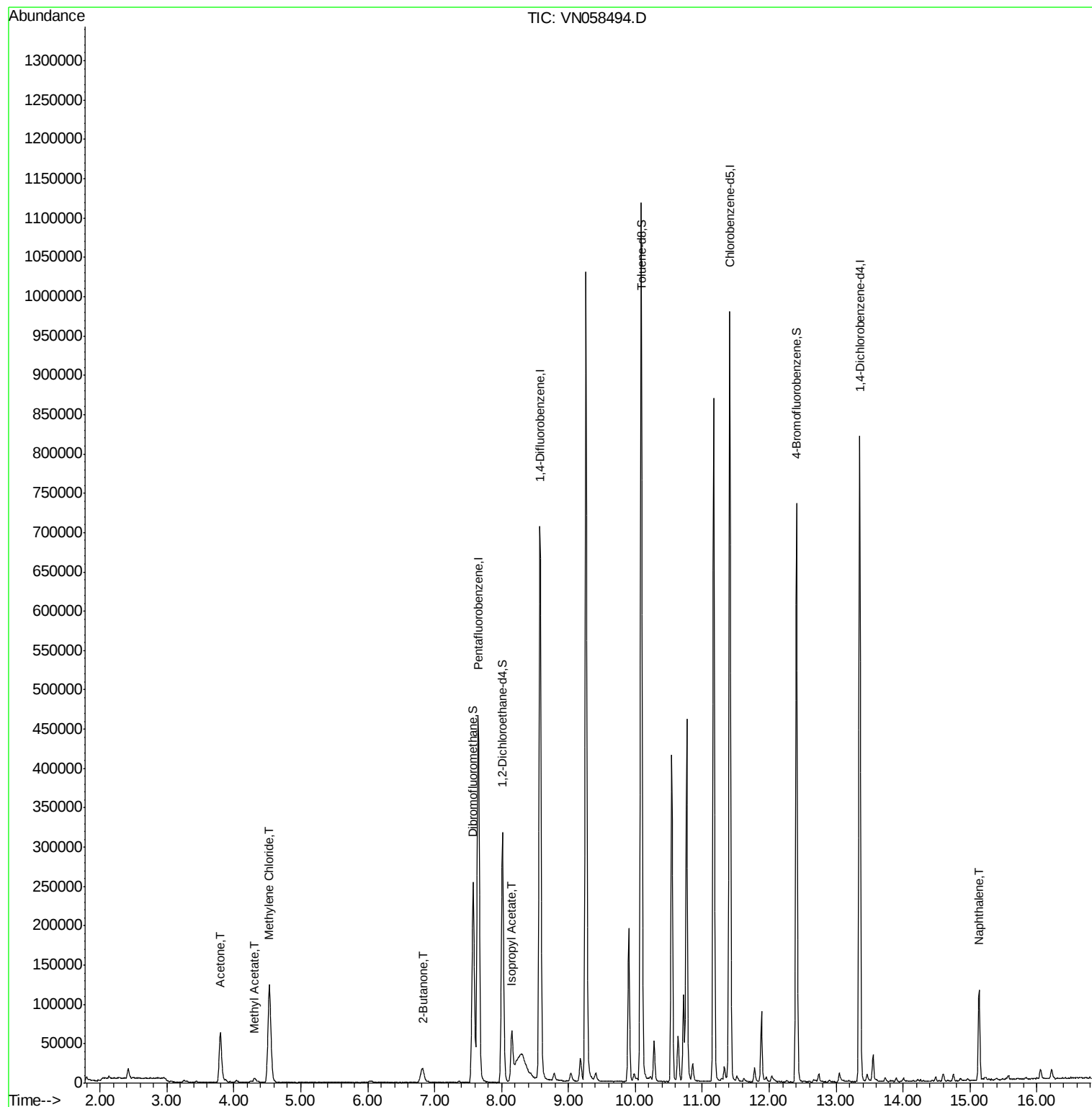
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	362189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	607611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	534373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	275071	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
35) Dibromofluoromethane	7.58	113	188700	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.09	98	772088	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.41	95	244165	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
Target Compounds						
16) Acetone	3.80	43	109710	60.806	ug/l	98
18) Methyl Acetate	4.31	43	11039	2.433	ug/l #	84
20) Methylene Chloride	4.53	84	88971	21.368	ug/l	97
25) 2-Butanone	6.82	43	19453	7.853	ug/l	98
43) Isopropyl Acetate	8.15	43	94092	10.158	ug/l	94
95) Naphthalene	15.14	128	93988	9.173	ug/l	99

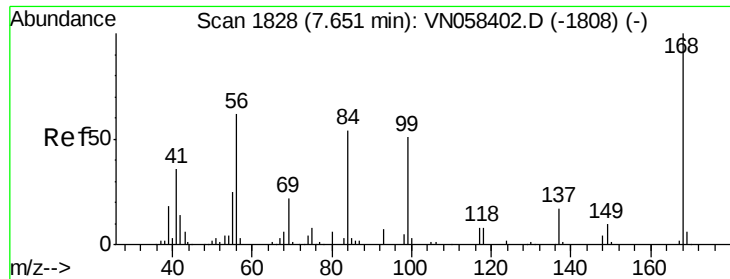
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058494.D

Acq: 2 Oct 2019 22:56

Instrument :

MSVOA_N

ClientSampleId :

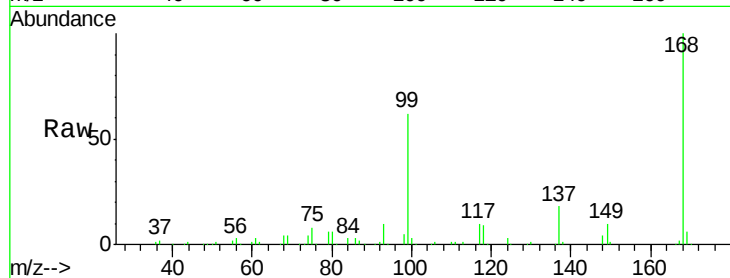
20190829-COMPOSITE-E

Tot Ion:168 Resp: 362189

Ion Ratio Lower Upper

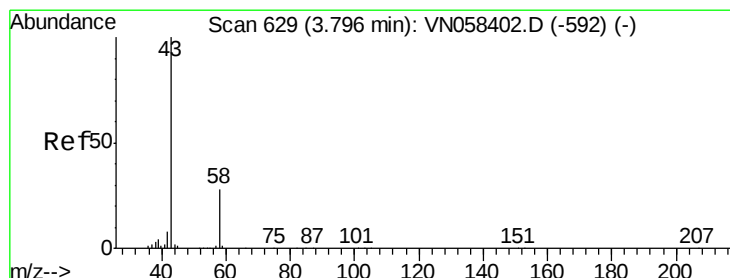
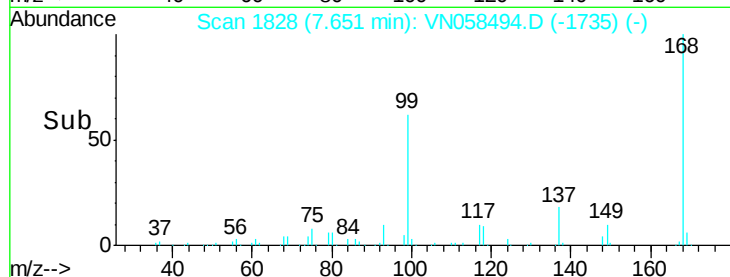
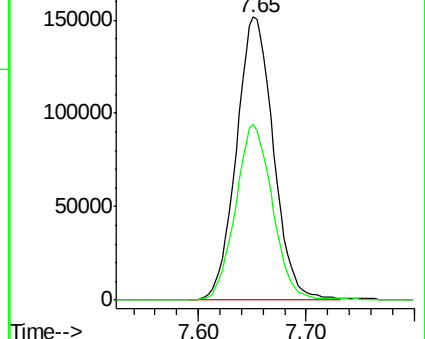
168 100

99 61.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 60.806 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058494.D

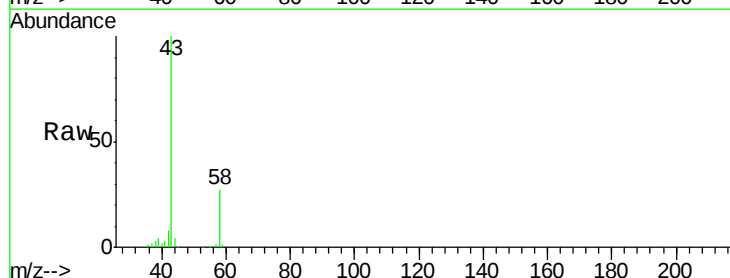
Acq: 2 Oct 2019 22:56

Tgt Ion: 43 Resp: 109710

Ion Ratio Lower Upper

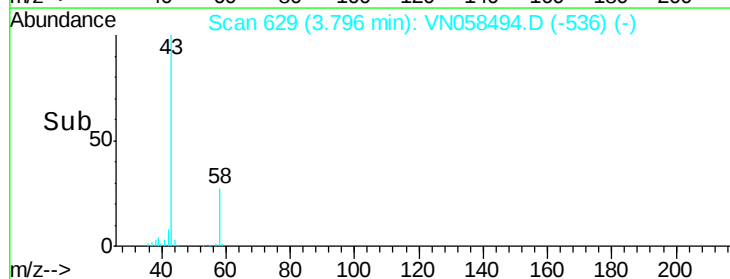
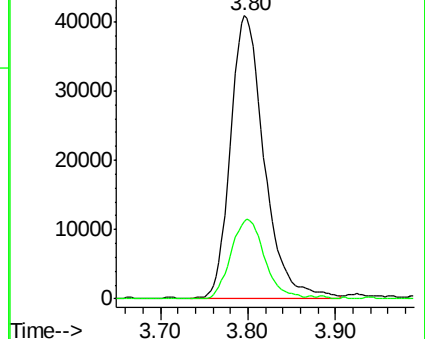
43 100

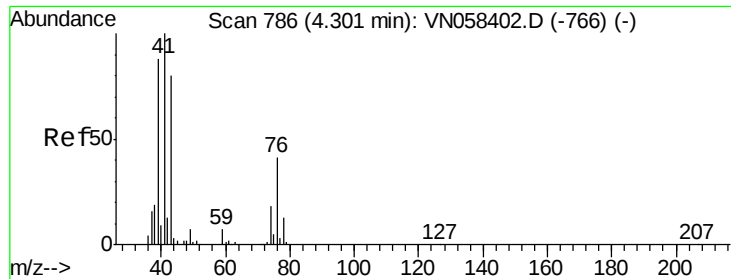
58 27.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

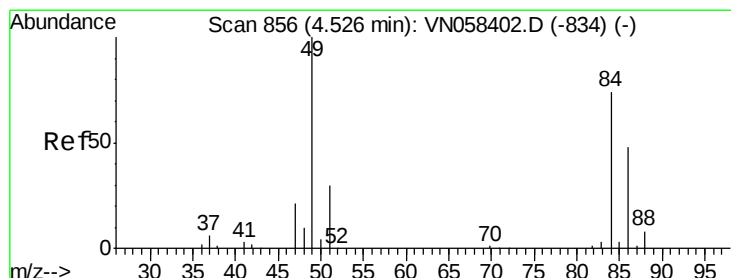
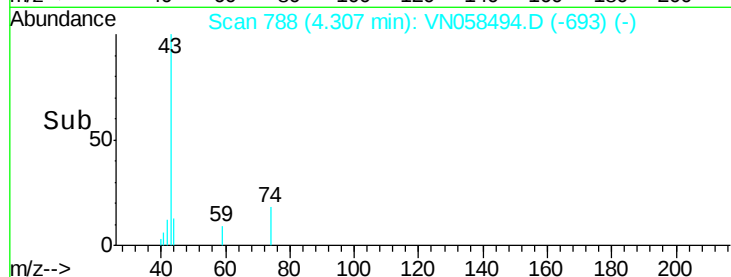
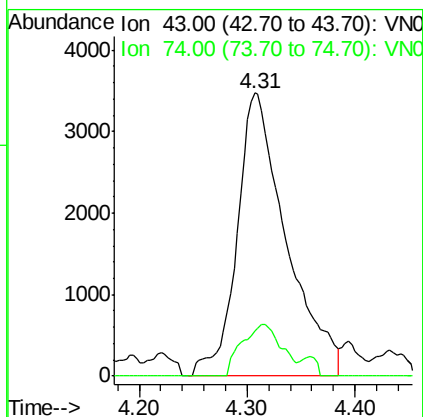
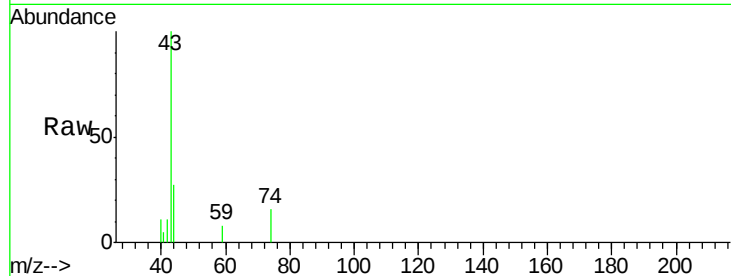




#18
Methyl Acetate
Concen: 2.433 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058494.D
Acq: 2 Oct 2019 22:56

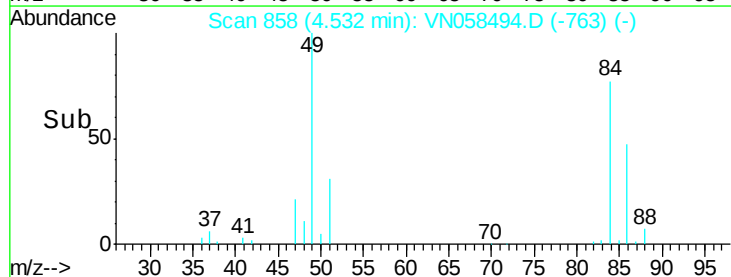
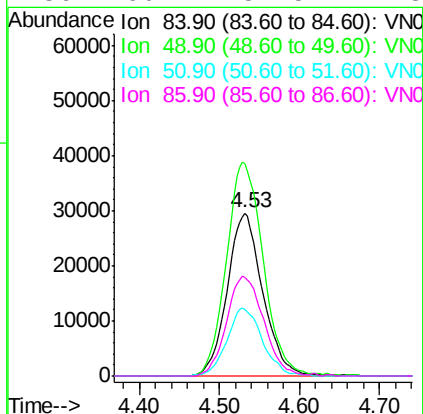
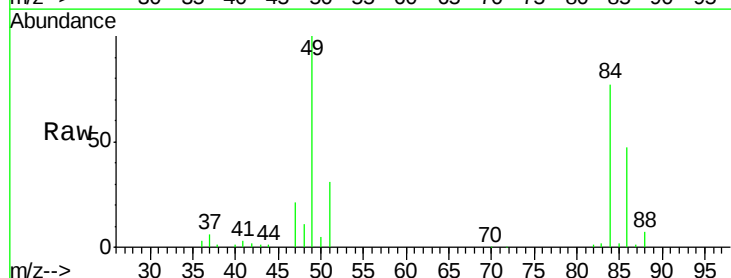
Instrument :
MSVOA_N
ClientSampleId :
20190829-COMPOSITE-E

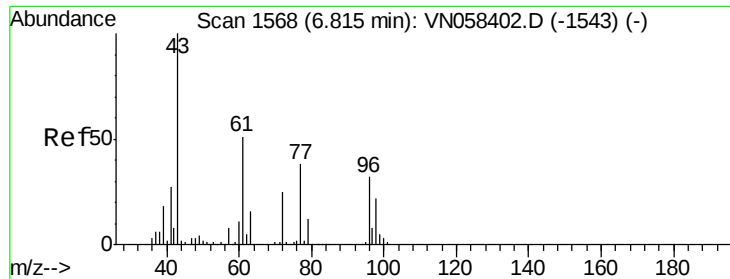
Tot Ion: 43 Resp: 11039
Ion Ratio Lower Upper
43 100
74 14.6 18.0 27.0#



#20
Methylene Chloride
Concen: 21.368 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058494.D
Acq: 2 Oct 2019 22:56

Tgt Ion: 84 Resp: 88971
Ion Ratio Lower Upper
84 100
49 130.6 107.9 161.9
51 40.5 32.8 49.2
86 60.7 51.5 77.3

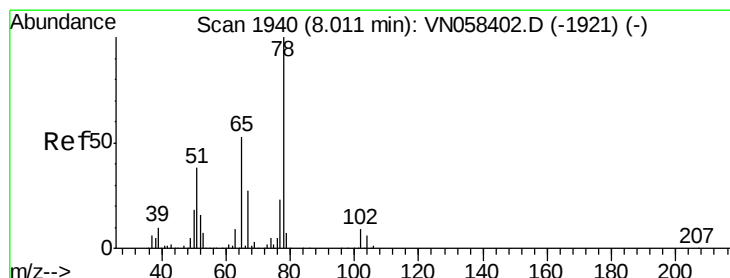
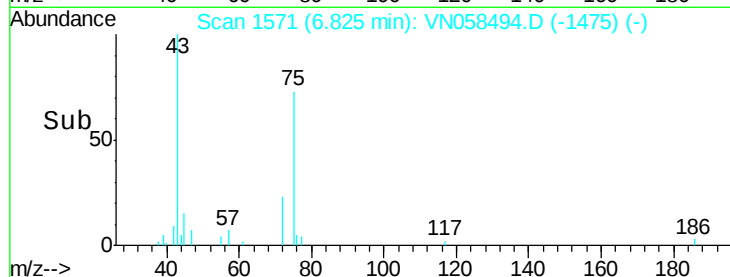
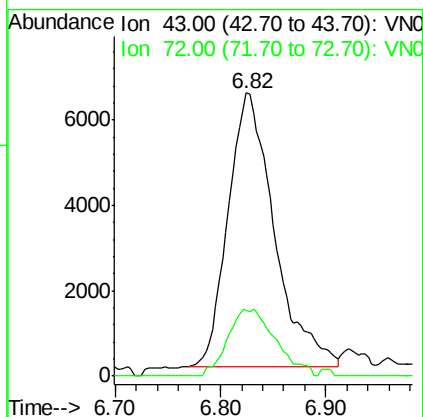
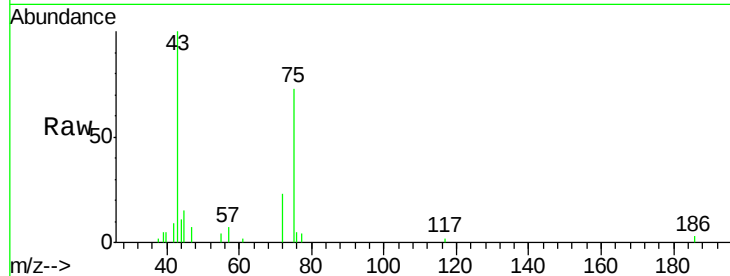




#25
 2-Butanone
 Concen: 7.853 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VN058494.D
 Acq: 2 Oct 2019 22:56

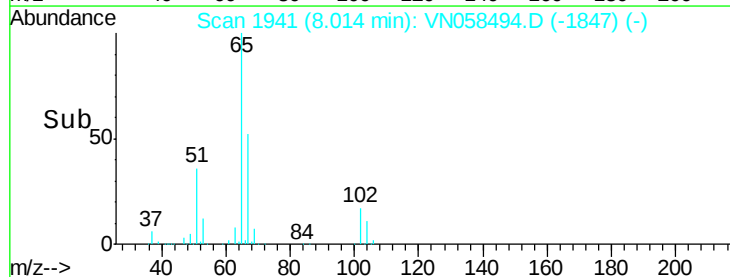
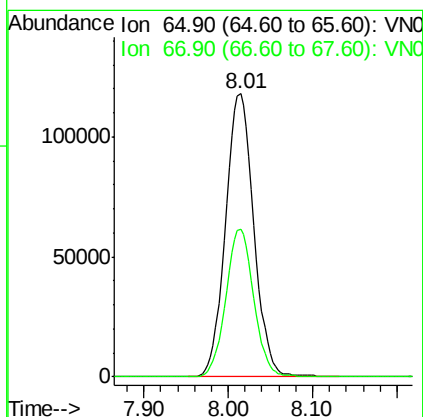
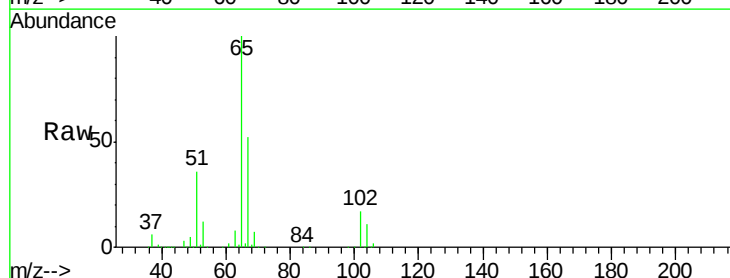
Instrument :
 MSVOA_N
 ClientSampleId :
 20190829-COMPOSITE-E

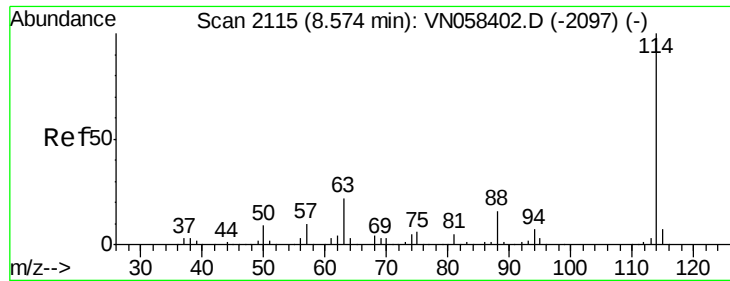
Tot Ion: 43 Resp: 19453
 Ion Ratio Lower Upper
 43 100
 72 24.1 20.2 30.4



#33
 1,2-Dichloroethane-d4
 Concen: 51.971 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058494.D
 Acq: 2 Oct 2019 22:56

Tgt Ion: 65 Resp: 275071
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.4

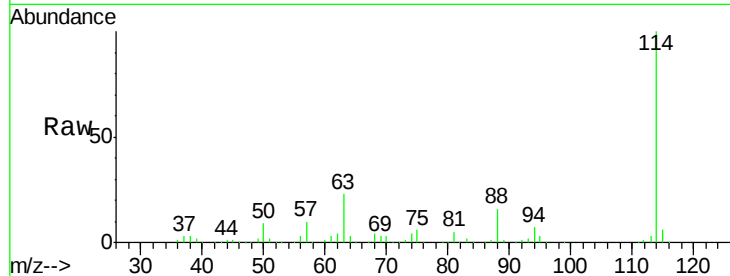




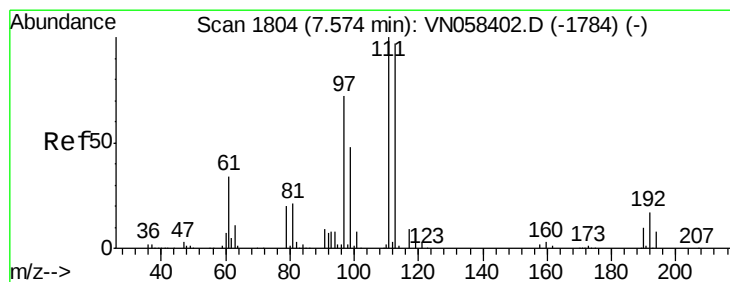
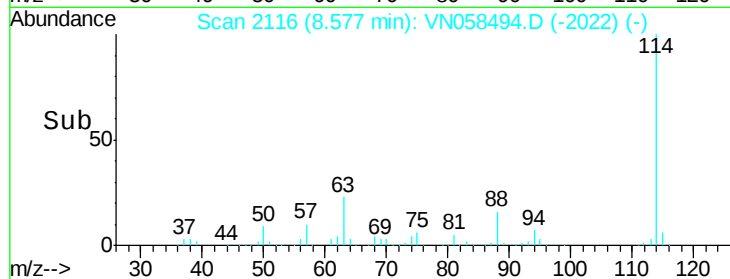
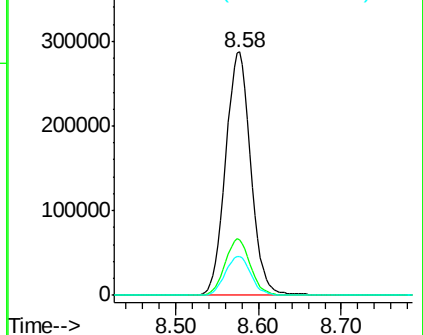
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058494.D
 Acq: 2 Oct 2019 22:56

Instrument :
 MSVOA_N
 ClientSampleId :
 20190829-COMPOSITE-E

Tot Ion:114 Resp: 607611
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 16.1 0.0 32.2

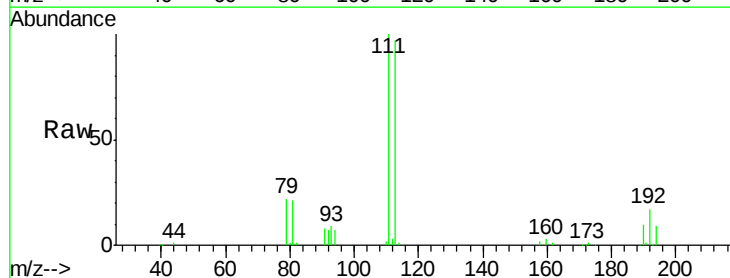


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

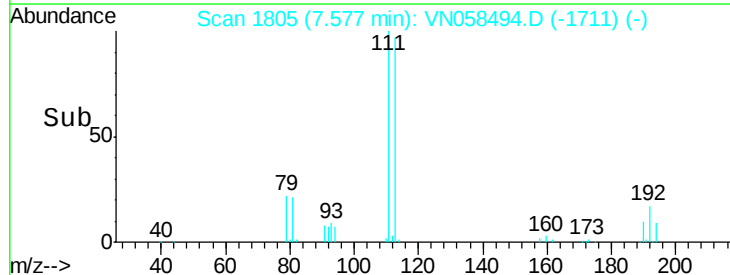
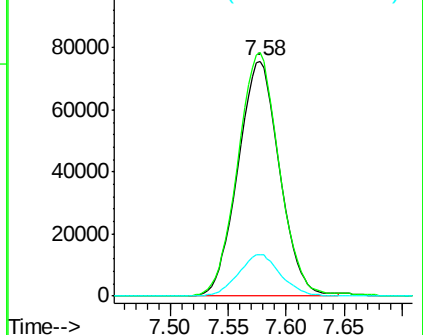


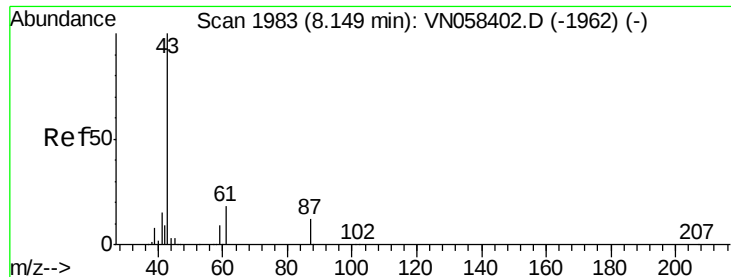
#35
 Dibromofluoromethane
 Concen: 50.672 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058494.D
 Acq: 2 Oct 2019 22:56

Tgt Ion:113 Resp: 188700
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.4 125.2
 192 18.0 14.9 22.3



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



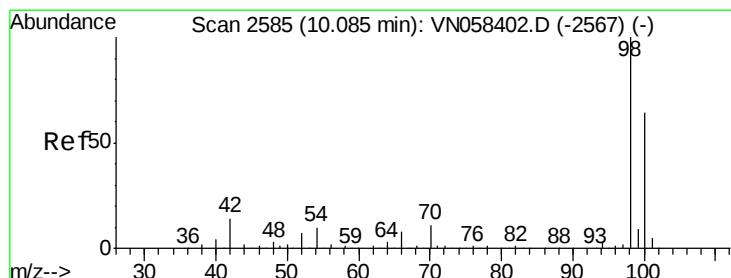
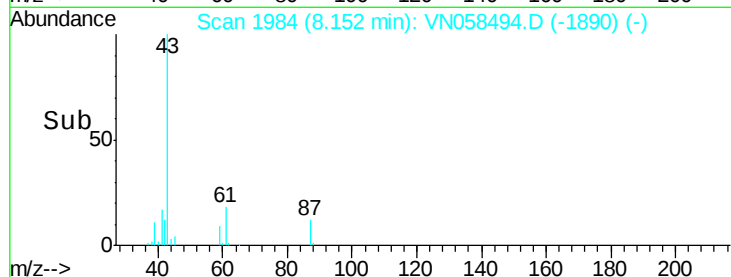
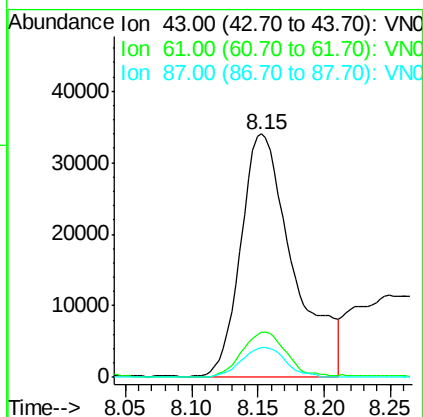
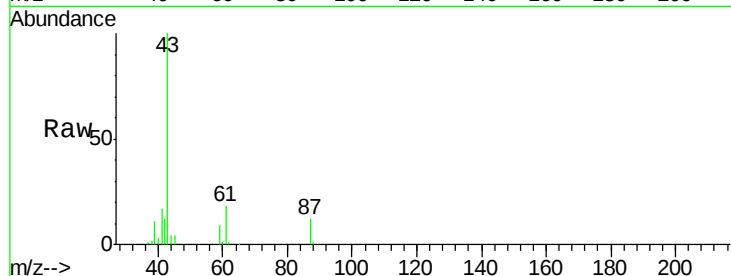


#43

Isopropyl Acetate
 Concen: 10.158 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN058494.D
 Acq: 2 Oct 2019 22:56

Instrument :
 MSVOA_N
 ClientSampleId :
 20190829-COMPOSITE-E

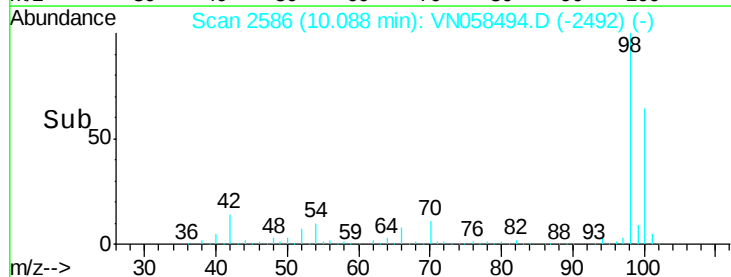
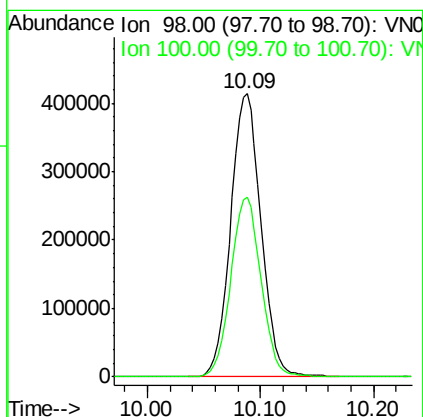
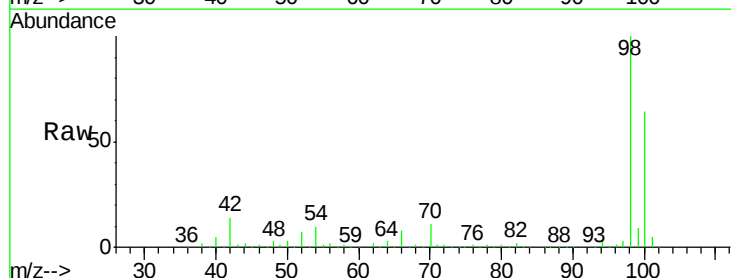
Tot Ion: 43 Resp: 94092
 Ion Ratio Lower Upper
 43 100
 61 15.8 14.8 22.2
 87 10.2 9.7 14.5

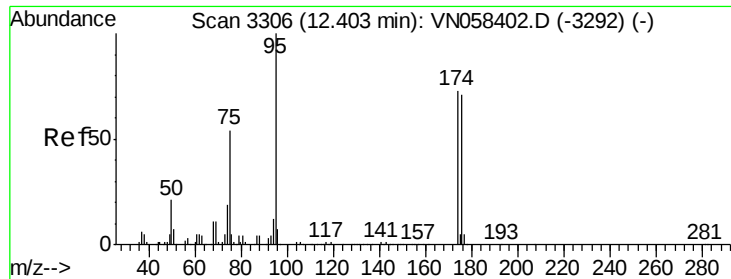


#50

Toluene-d8
 Concen: 52.925 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN058494.D
 Acq: 2 Oct 2019 22:56

Tgt Ion: 98 Resp: 772088
 Ion Ratio Lower Upper
 98 100
 100 63.2 51.0 76.6





#62

4-Bromofluorobenzene

Concen: 46.288 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058494.D

Acq: 2 Oct 2019 22:56

Instrument :

MSVOA_N

ClientSampleId :

20190829-COMPOSITE-E

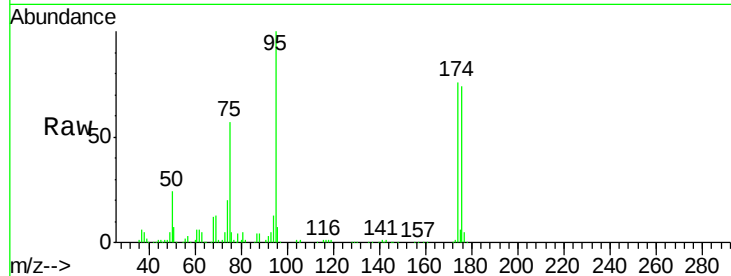
Tot Ion: 95 Resp: 244165

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.6

176 72.8 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

12.41

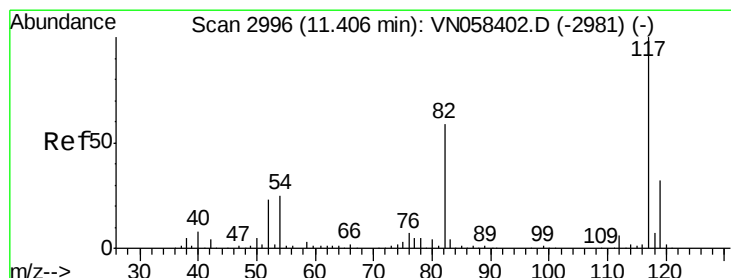
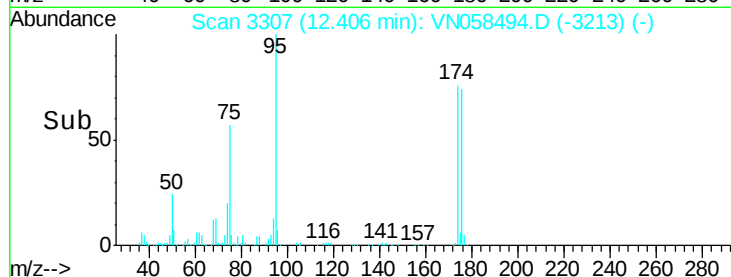
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058494.D

Acq: 2 Oct 2019 22:56

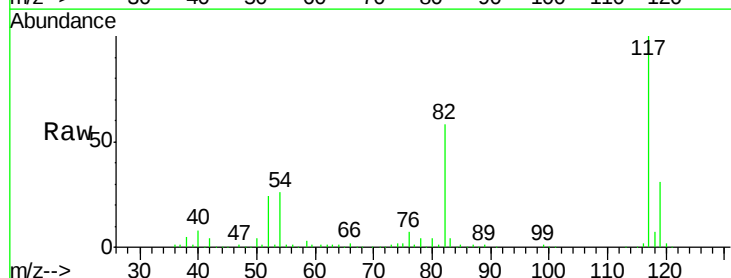
Tgt Ion: 117 Resp: 534373

Ion Ratio Lower Upper

117 100

82 58.2 47.4 71.0

119 31.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)

11.41

400000

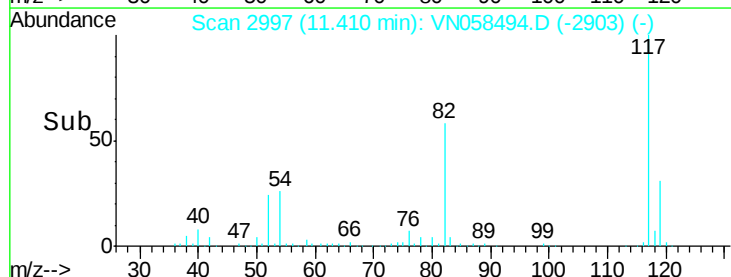
300000

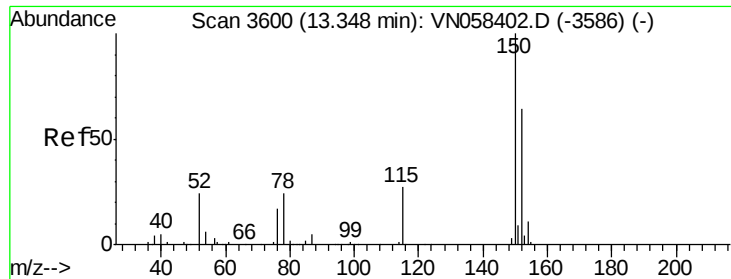
200000

100000

0

Time--> 11.30 11.40 11.50



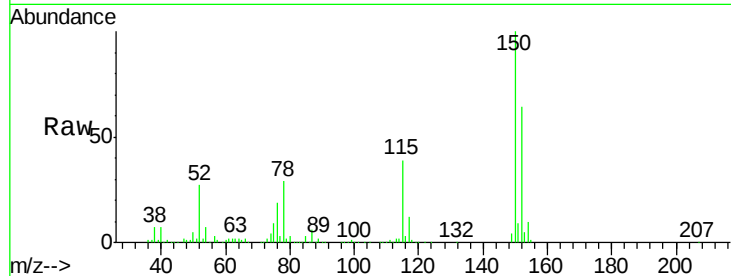


#72

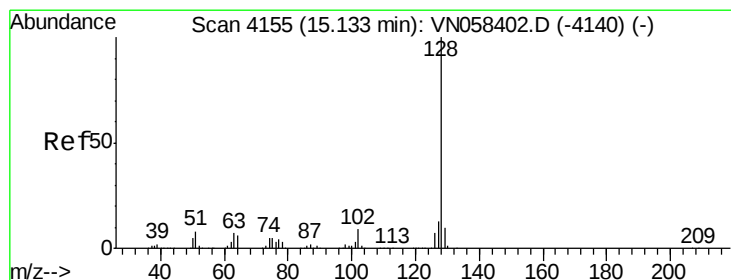
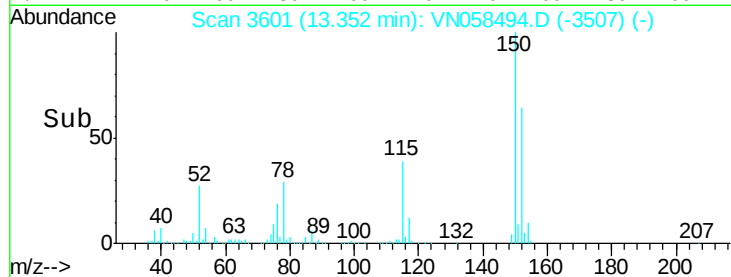
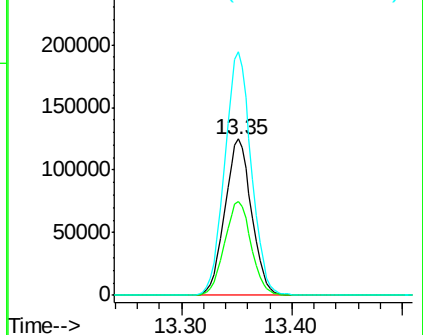
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058494.D
Acq: 2 Oct 2019 22:56

Instrument :
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Tot Ion:152 Resp: 209167
Ion Ratio Lower Upper
152 100
115 60.3 30.0 90.0
150 154.6 0.0 348.2



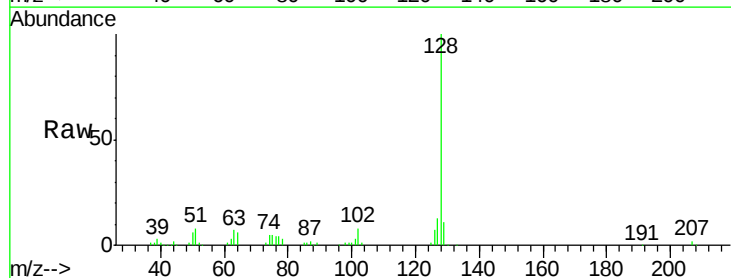
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 9.173 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058494.D
Acq: 2 Oct 2019 22:56

Tgt Ion:128 Resp: 93988
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.3 12.5



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

