

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058454.D
 Acq On : 1 Oct 2019 11:06
 Operator : JC/SP
 Sample : K5110-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 02 01:25:34 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

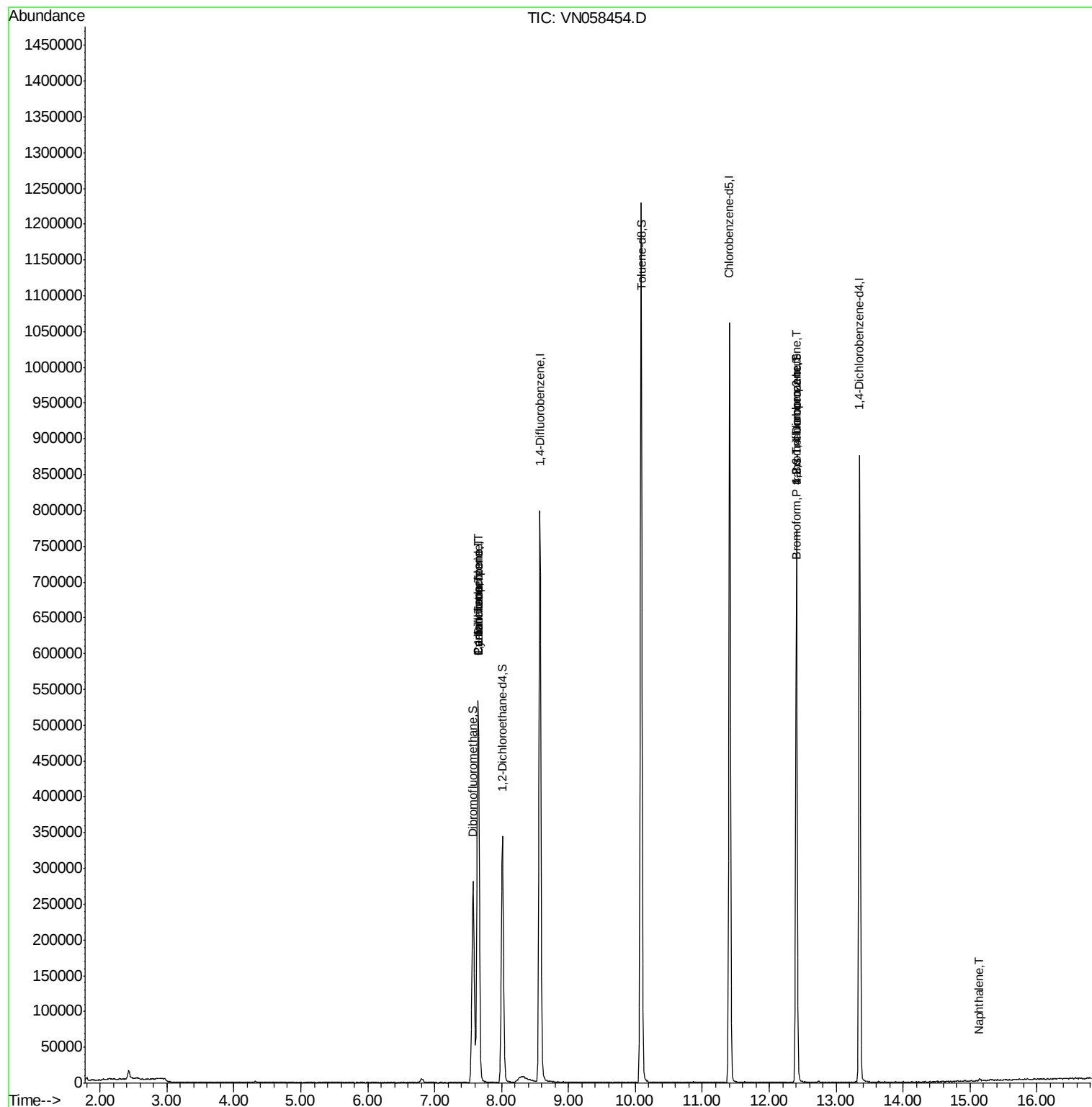
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	419584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	684412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	579841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	224404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	299381	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	7.57	113	213359	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
50) Toluene-d8	10.08	98	844715	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.41	95	262763	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.65	56	11263	1.327	ug/l #	27
36) 1,1-Dichloropropene	7.65	75	35908	5.487	ug/l #	47
38) Carbon Tetrachloride	7.65	117	42779	7.242	ug/l #	16
71) Bromoform	12.39	173	109	0.735	ug/l #	29
76) 1,2,3-Trichloropropane	12.41	75	145792	35.570	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	145792	108.030	ug/l #	7
95) Naphthalene	15.14	128	2555	0.204	ug/l #	93

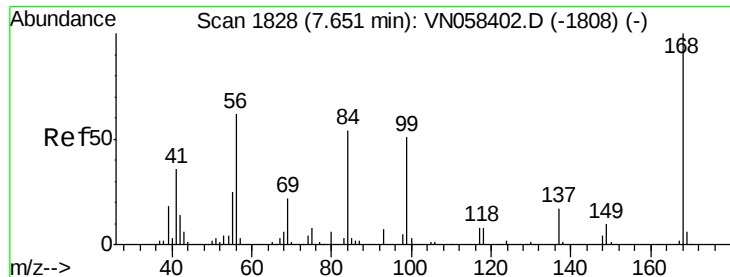
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100119\
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Quant Time: Oct 02 01:25:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058454.D

Acq: 1 Oct 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

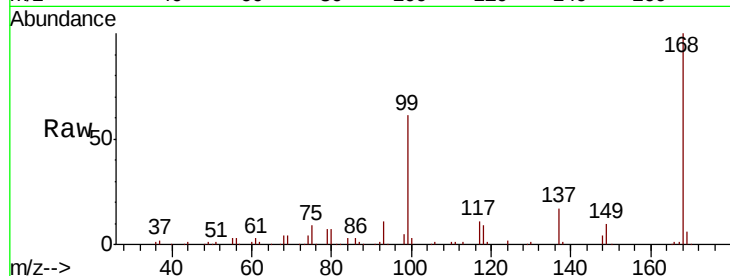
TRIP-BLANK

Tot Ion:168 Resp: 419584

Ion Ratio Lower Upper

168 100

99 60.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

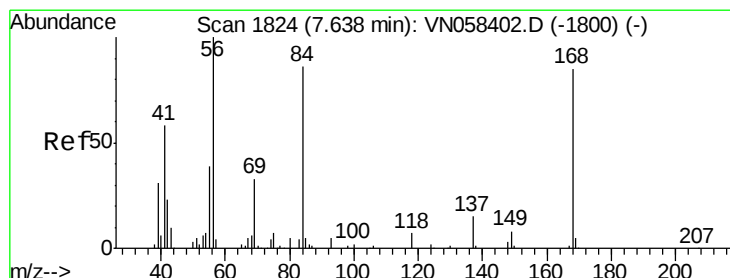
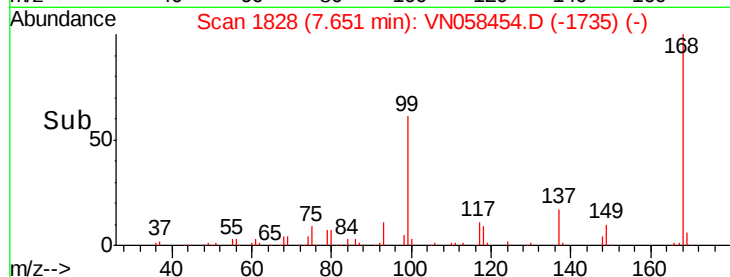
100000

50000

0

7.60 7.65 7.70

Time-->



#31

Cyclohexane

Concen: 1.327 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058454.D

Acq: 1 Oct 2019 11:06

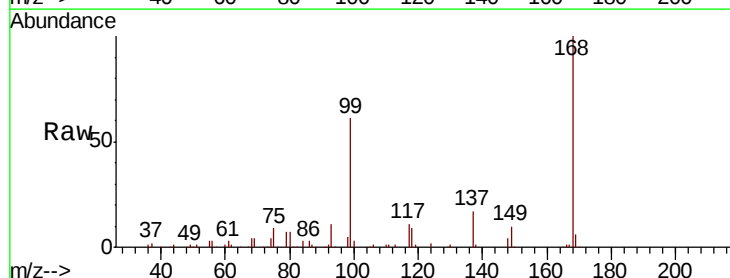
Tgt Ion: 56 Resp: 11263

Ion Ratio Lower Upper

56 100

69 138.3 26.2 39.4#

84 110.4 67.6 101.4#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

8000

6000

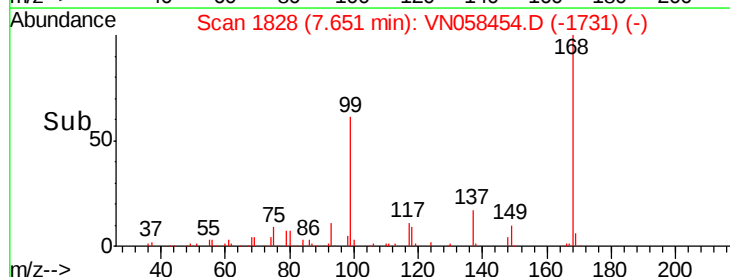
4000

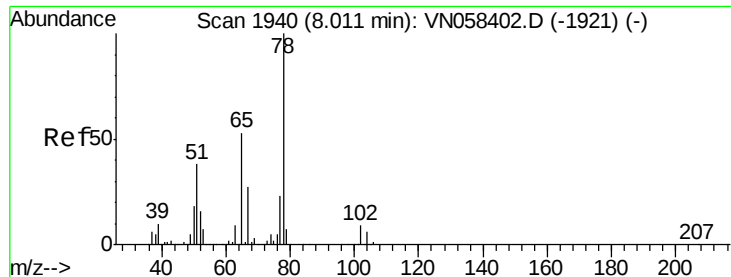
2000

0

7.60 7.65 7.70

Time-->

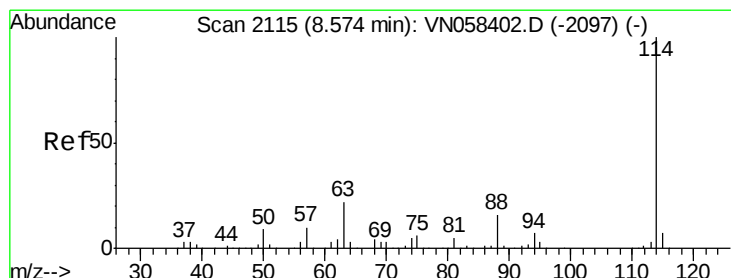
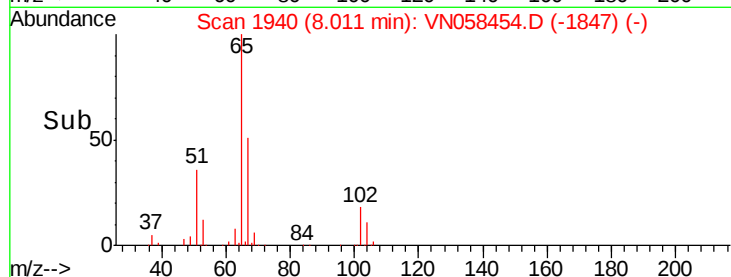
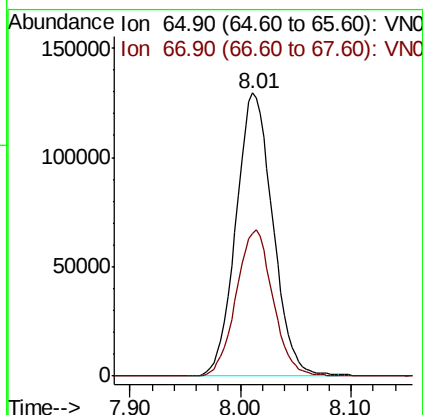
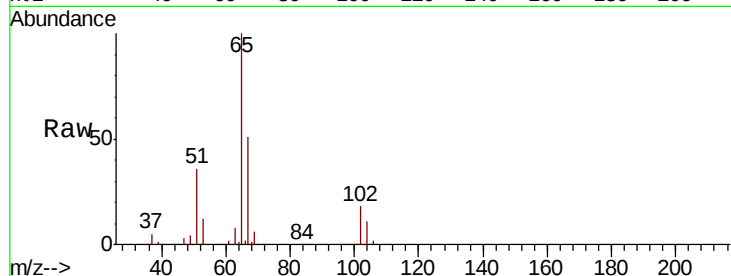




#33
 1,2-Dichloroethane-d4
 Concen: 48.826 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058454.D
 Acq: 1 Oct 2019 11:06

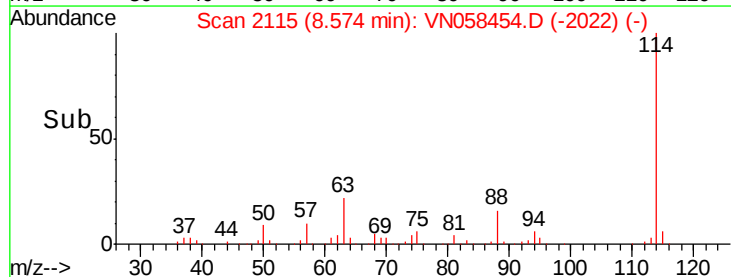
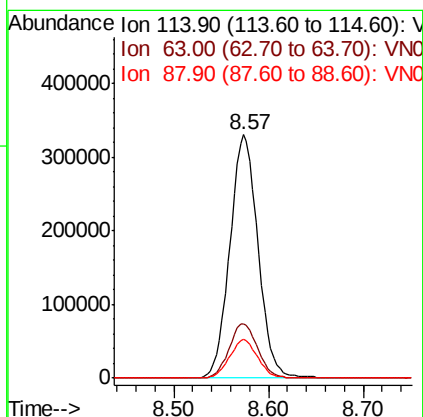
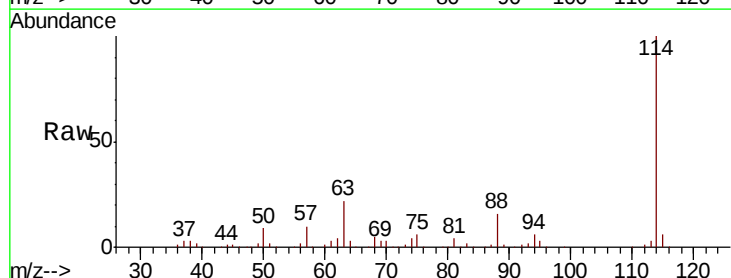
Instrument :
 MSVOA_N
 ClientSampled :
 TRIP-BLANK

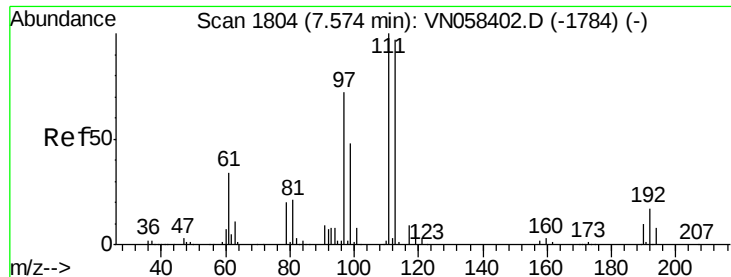
Tot Ion: 65 Resp: 299381
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058454.D
 Acq: 1 Oct 2019 11:06

Tgt Ion: 114 Resp: 684412
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.0
 88 15.9 0.0 32.2

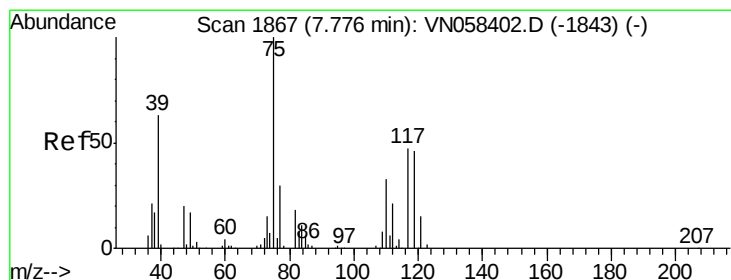
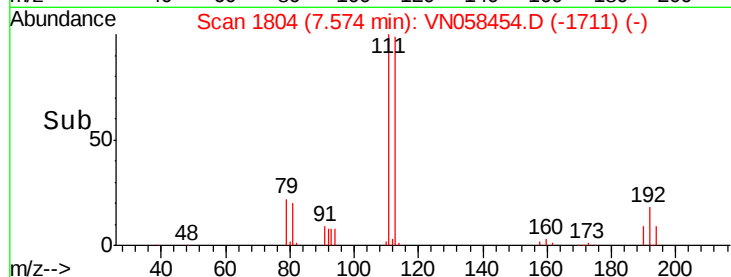
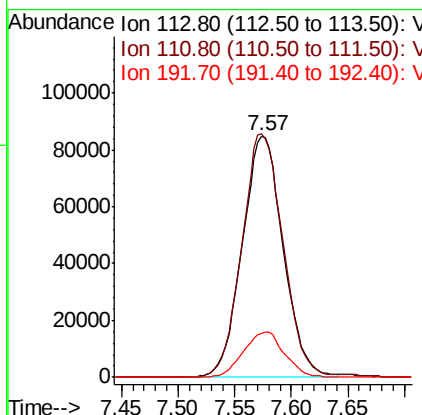
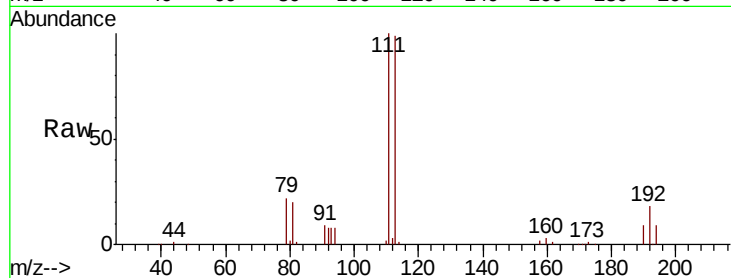




#35
 Dibromofluoromethane
 Concen: 50.864 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058454.D
 Acq: 1 Oct 2019 11:06

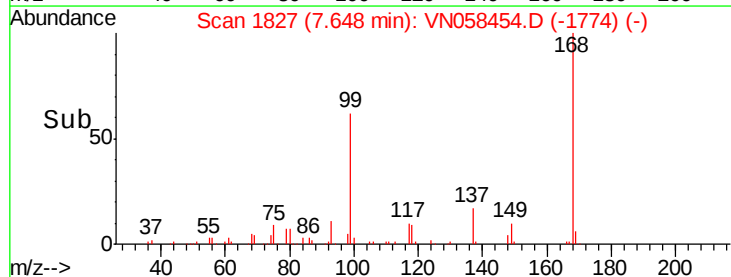
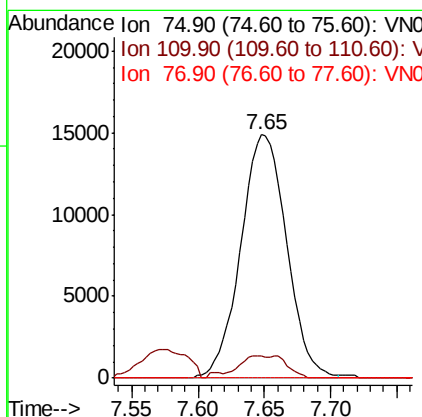
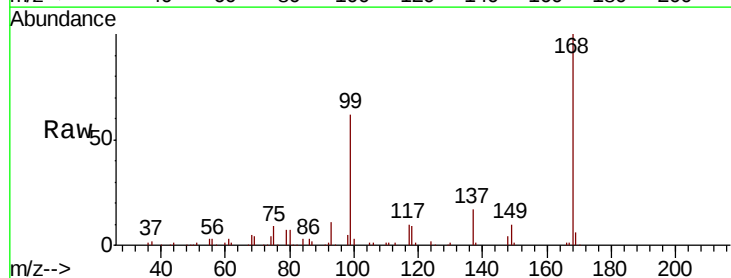
Instrument :
 MSVOA_N
 ClientSampled :
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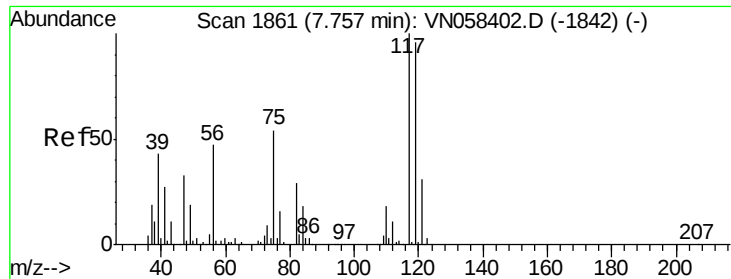
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.4	125.2
192	18.8	14.9	22.3



#36
 1,1-Dichloropropene
 Concen: 5.487 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058454.D
 Acq: 1 Oct 2019 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.2	16.4	49.2#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 7.242 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058454.D

Acq: 1 Oct 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

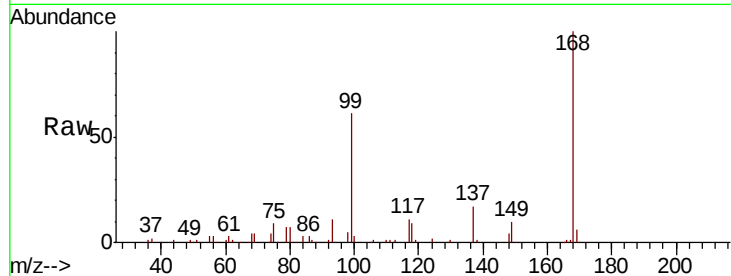
Tot Ion:117 Resp: 42779

Ion Ratio Lower Upper

117 100

119 4.8 76.6 115.0#

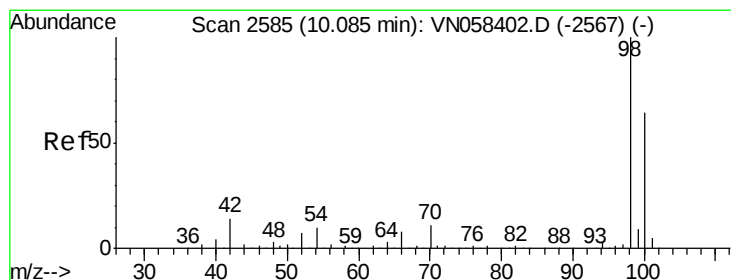
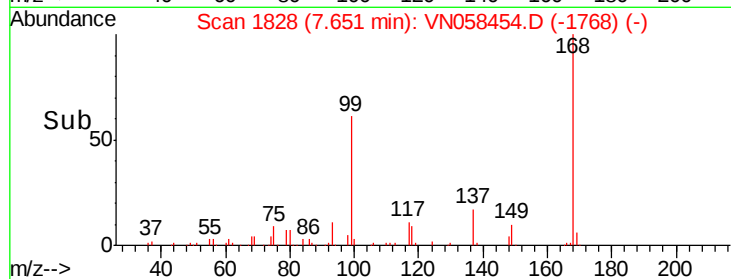
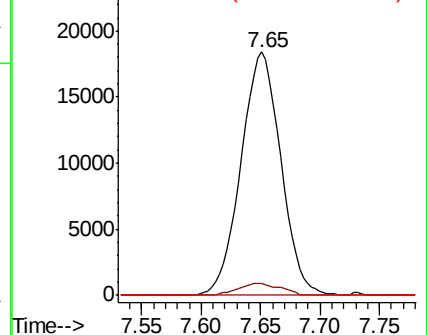
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 51.406 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058454.D

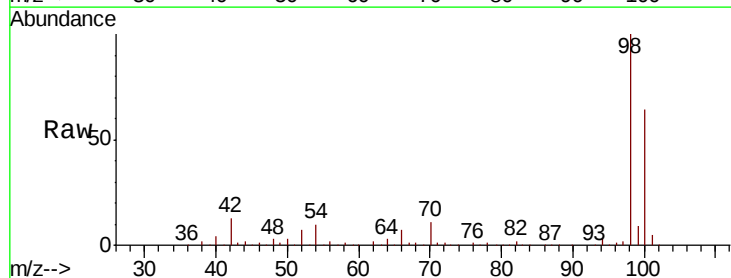
Acq: 1 Oct 2019 11:06

Tgt Ion: 98 Resp: 844715

Ion Ratio Lower Upper

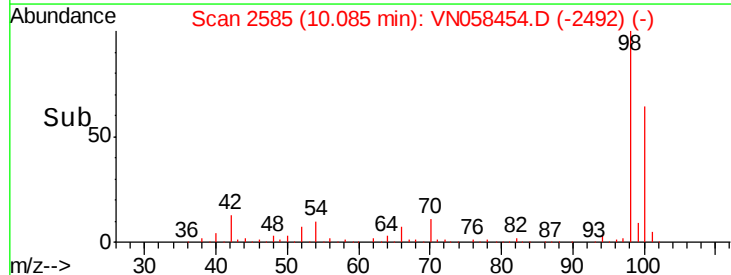
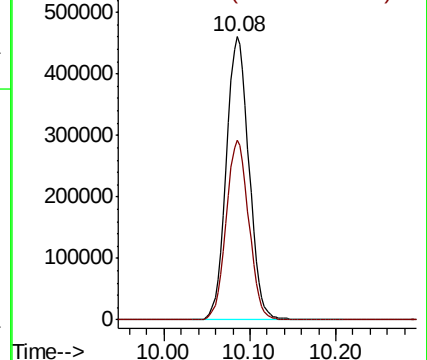
98 100

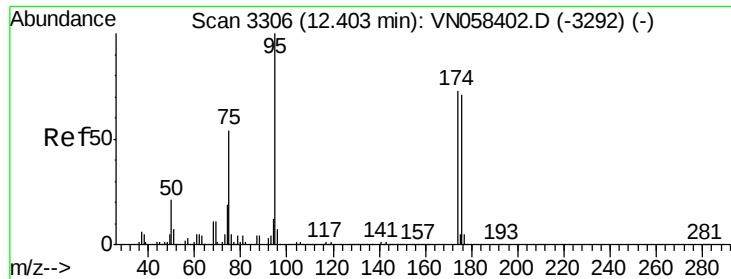
100 63.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

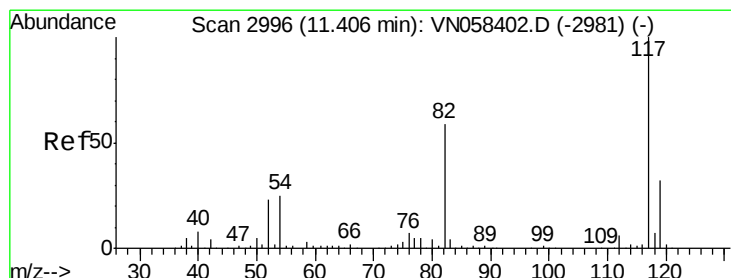
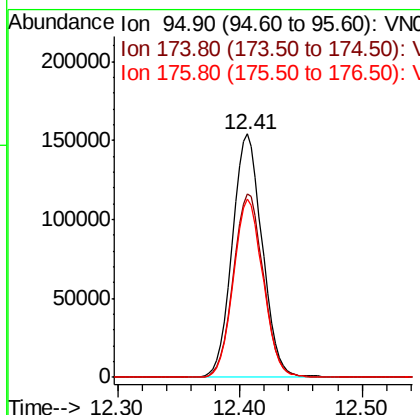
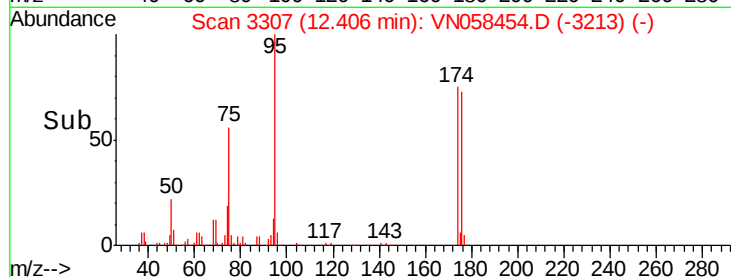
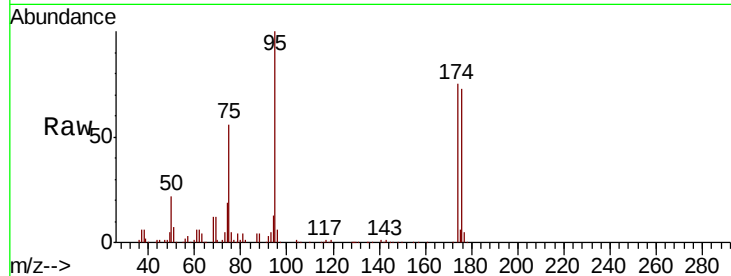




#62
4-Bromofluorobenzene
Concen: 44.224 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058454.D
Acq: 1 Oct 2019 11:06

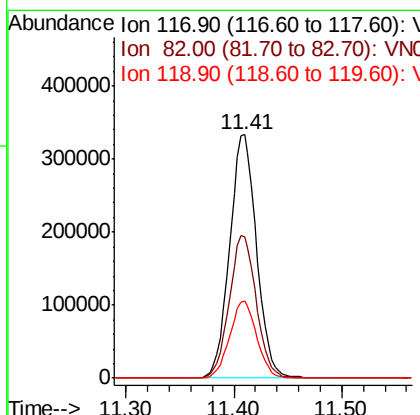
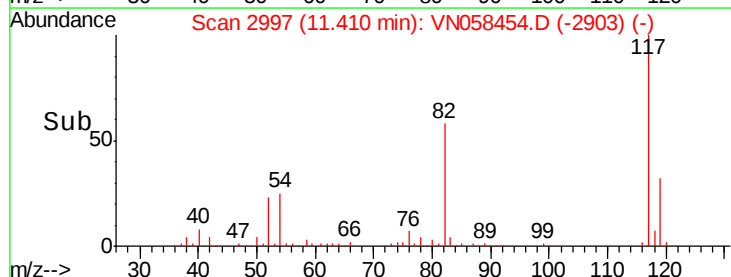
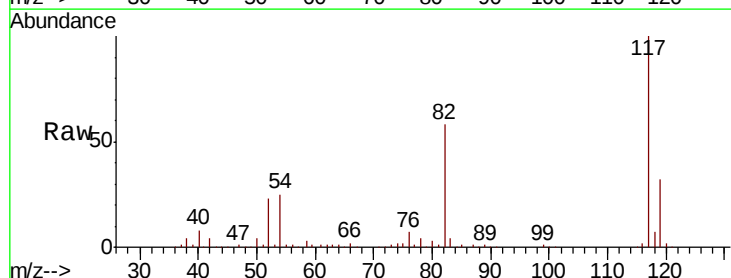
Instrument :
MSVOA_N
ClientSampled :
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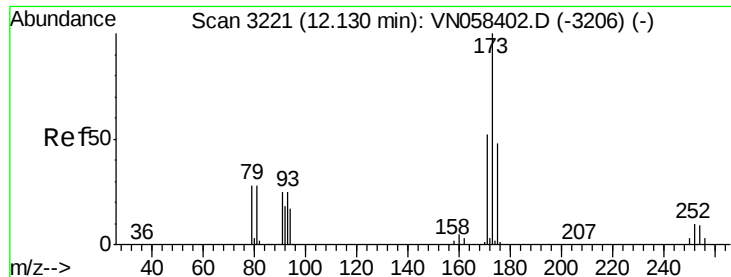
Tot Ion: 95 Resp: 262763
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.6
176 72.7 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058454.D
Acq: 1 Oct 2019 11:06

Tgt Ion: 117 Resp: 579841
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.0
119 31.7 25.5 38.3





#71

Bromoform

Concen: 0.735 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN058454.D

Acq: 1 Oct 2019 11:06

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

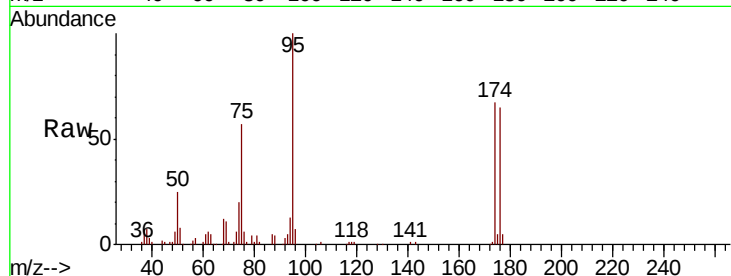
Tot Ion:173 Resp: 109

Ion Ratio Lower Upper

173 100

175 0.0 24.3 73.0#

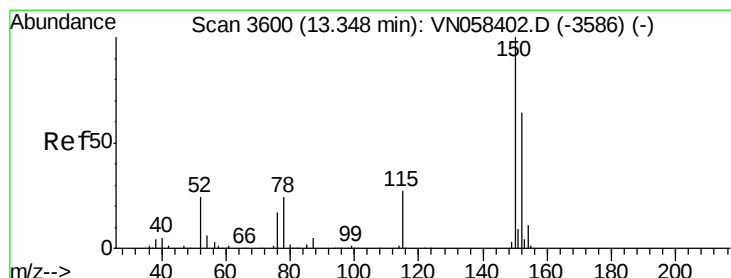
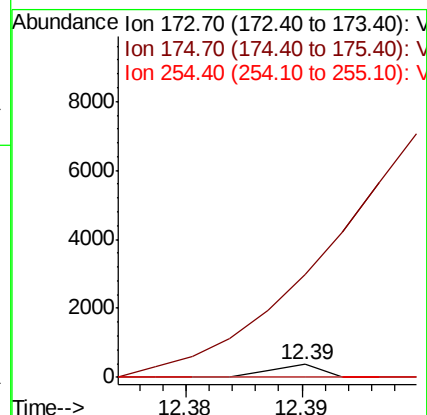
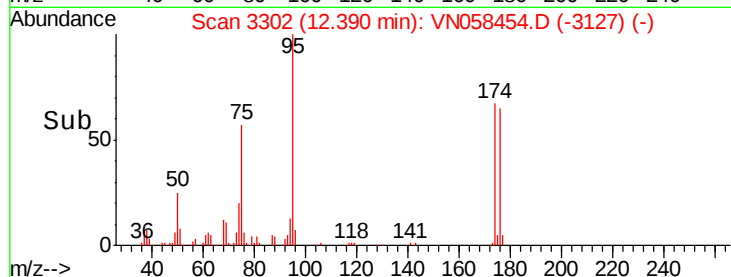
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058454.D

Acq: 1 Oct 2019 11:06

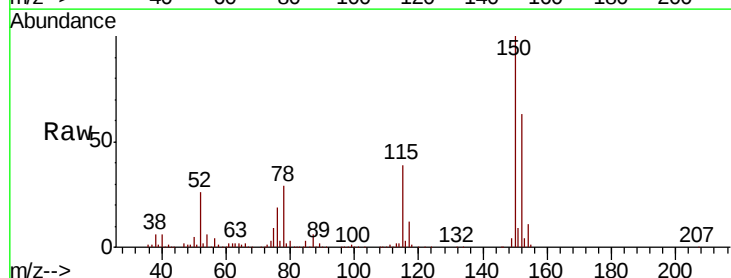
Tgt Ion:152 Resp: 224404

Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

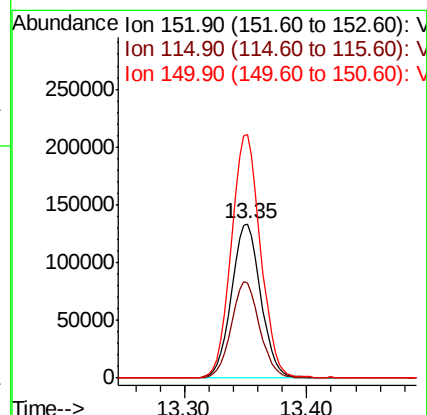
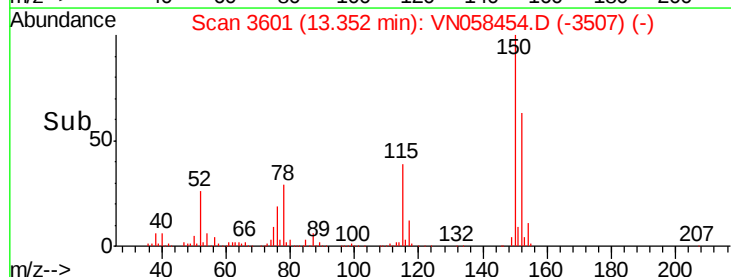
150 156.9 0.0 348.2

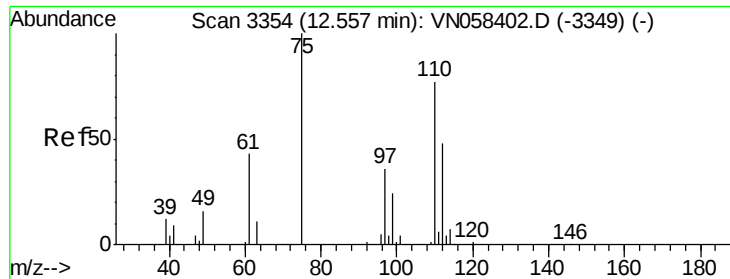


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 35.570 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058454.D

Acq: 1 Oct 2019 11:06

Instrument :

MSVOA_N

ClientSampleId :

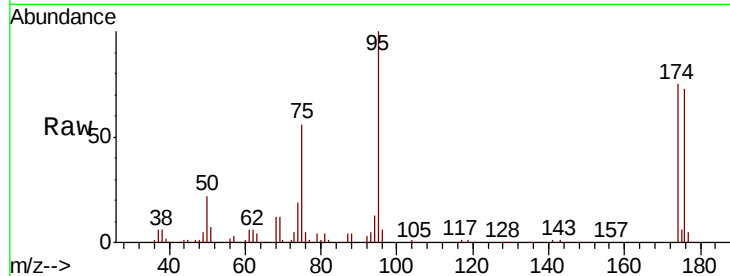
TRIP-BLANK

Tot Ion: 75 Resp: 145792

Ion Ratio Lower Upper

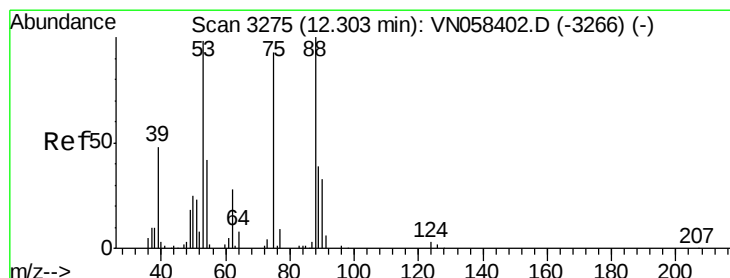
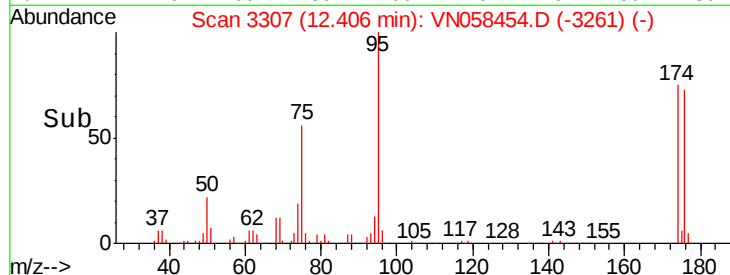
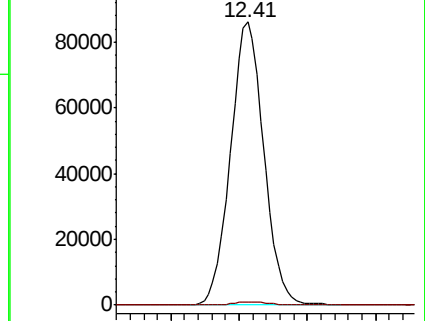
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 108.030 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058454.D

Acq: 1 Oct 2019 11:06

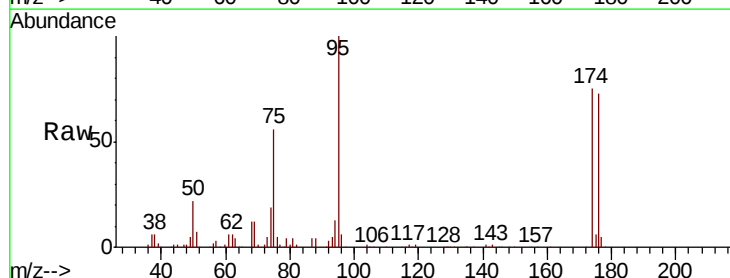
Tgt Ion: 75 Resp: 145792

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

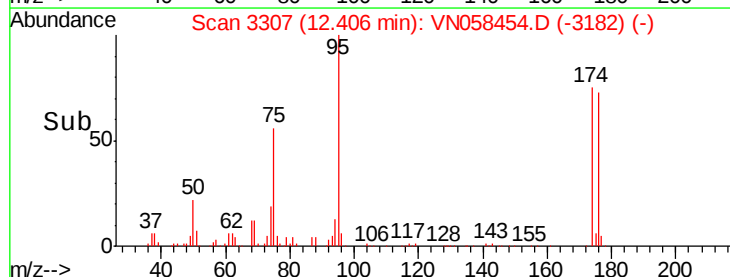
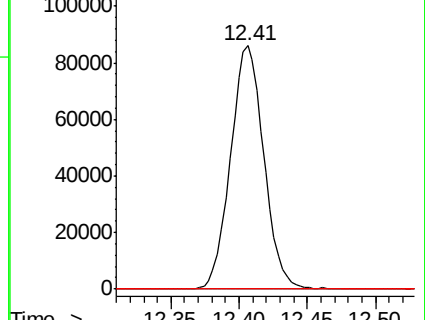
89 0.0 35.0 52.4#

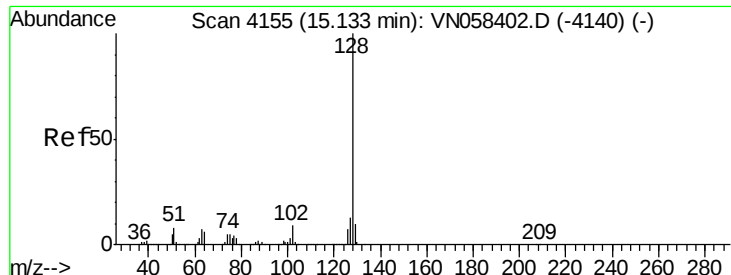


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#95
Naphthalene
Concen: 0.204 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058454.D
Acq: 1 Oct 2019 11:06

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion:128 Resp: 2555
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 5.1 8.3 12.5#

