

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060242.D
 Acq On : 25 Feb 2020 18:14
 Operator : JC/MD
 Sample : L1666-02DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-30871DL

Quant Time: Feb 25 23:13:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

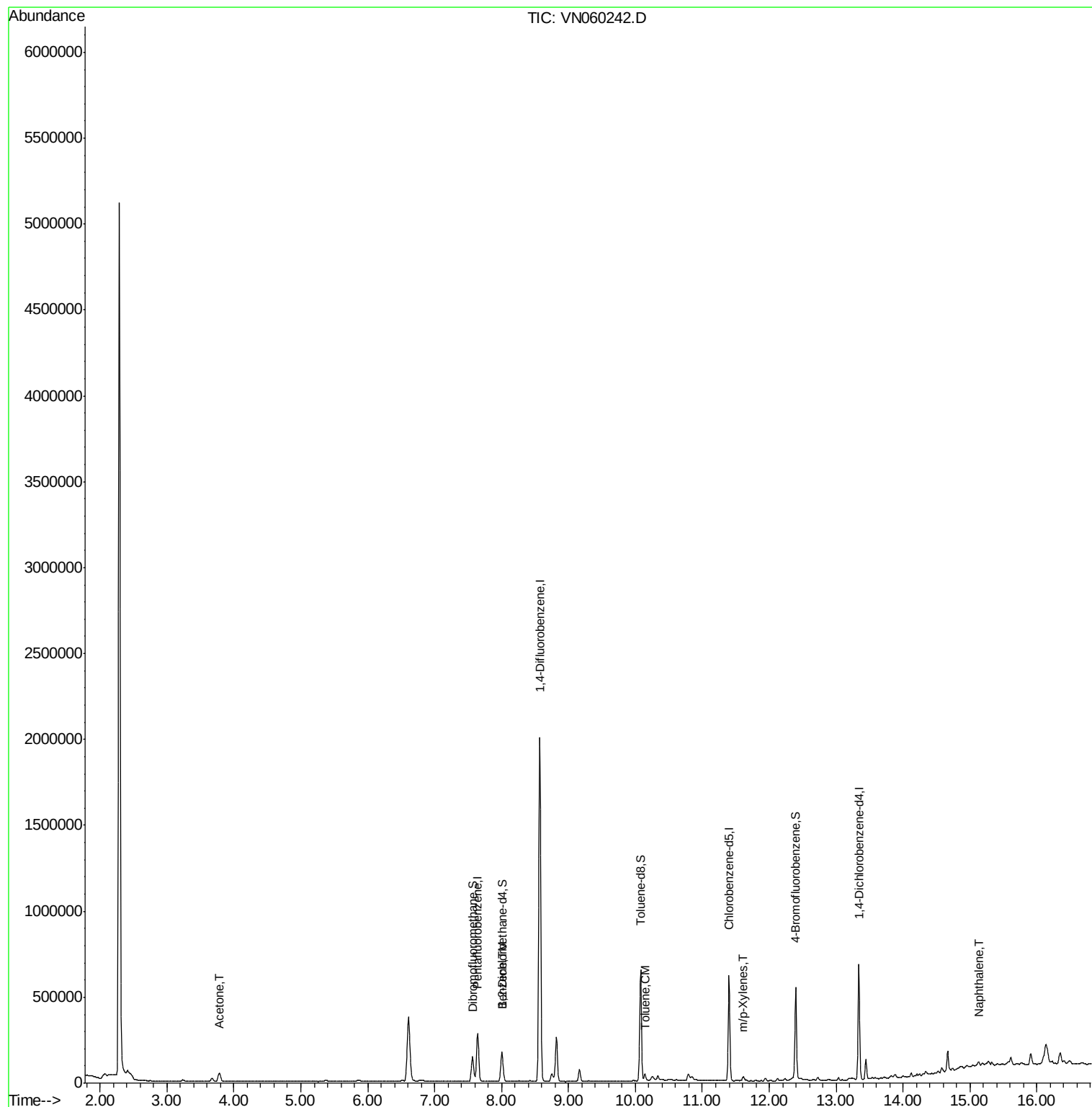
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	229146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	366347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	344809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	139545	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
35) Dibromofluoromethane	7.57	113	107389	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	10.08	98	443134	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.40	95	176613	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
Target Compounds						
					Qvalue	
16) Acetone	3.78	43	81322	66.863	ug/l	100
40) Benzene	8.02	78	19348	1.922	ug/l	99
52) Toluene	10.14	92	14836	2.298	ug/l	100
68) m/p-Xylenes	11.61	106	7243	1.523	ug/l	96
95) Naphthalene	15.13	128	19329	2.134	ug/l	95

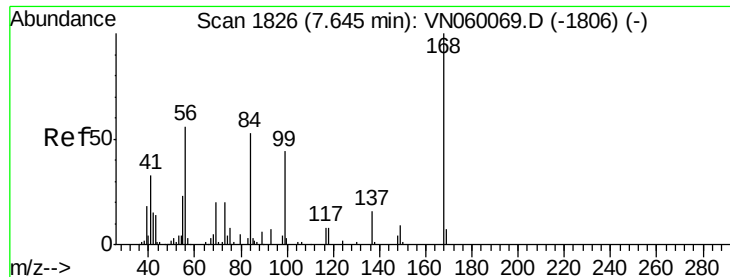
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022520\
Data File : VN060242.D
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Instrument :
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Quant Time: Feb 25 23:13:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060242.D

Acq: 25 Feb 2020 18:14

Instrument :

MSVOA_N

ClientSampled :

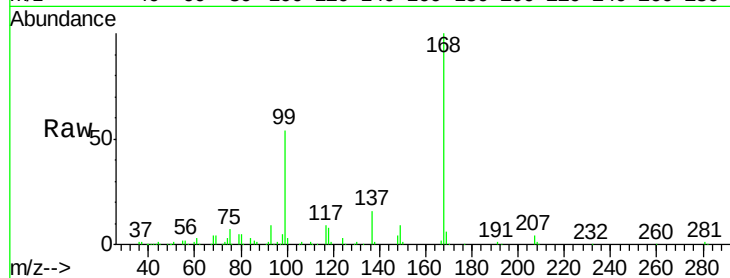
NB-30871DL

Tot Ion:168 Resp: 229146

Ion Ratio Lower Upper

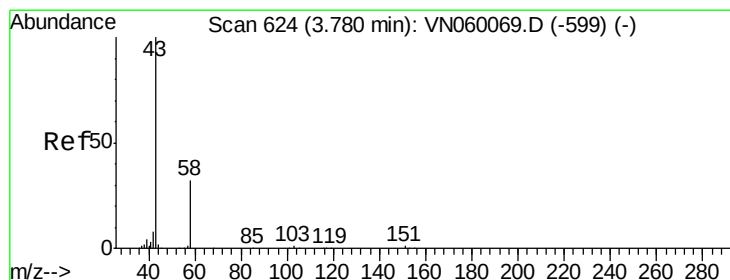
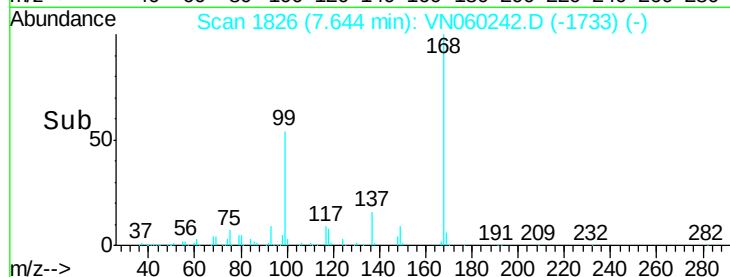
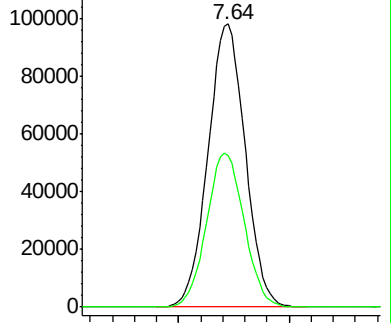
168 100

99 53.7 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 66.863 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060242.D

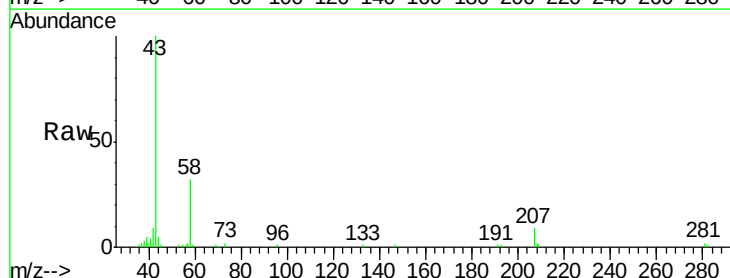
Acq: 25 Feb 2020 18:14

Tgt Ion: 43 Resp: 81322

Ion Ratio Lower Upper

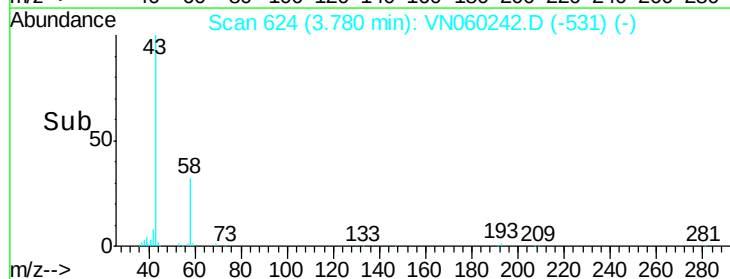
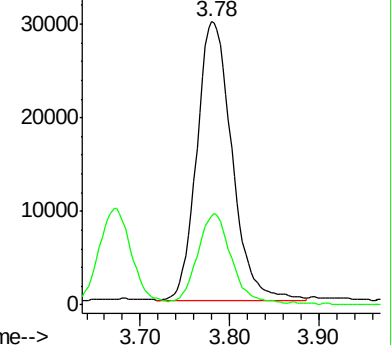
43 100

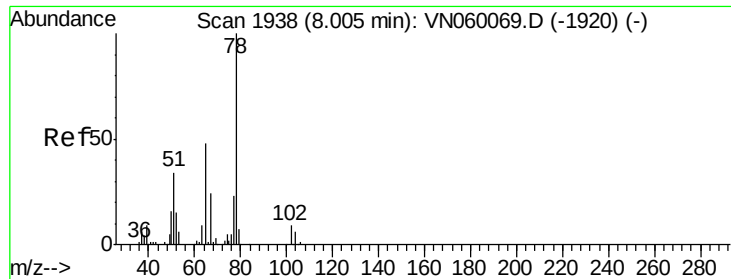
58 31.5 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

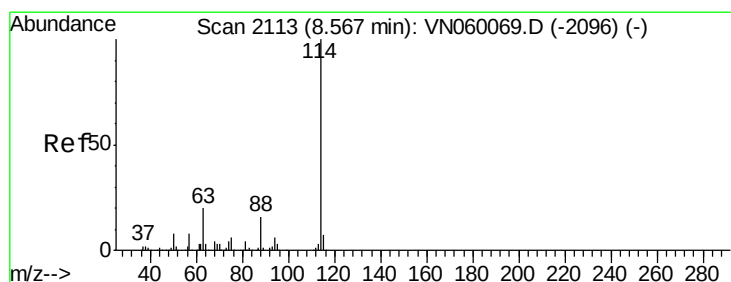
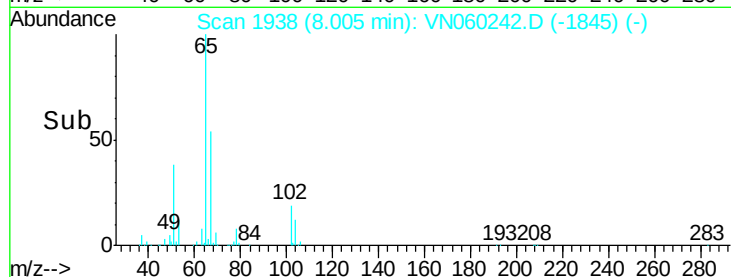
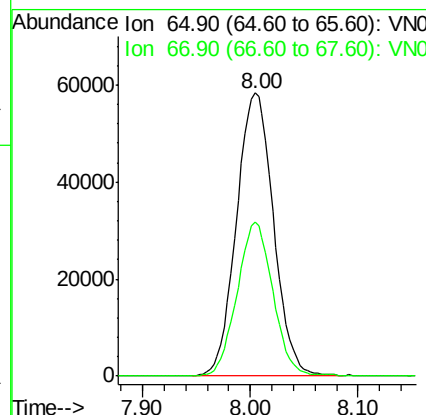
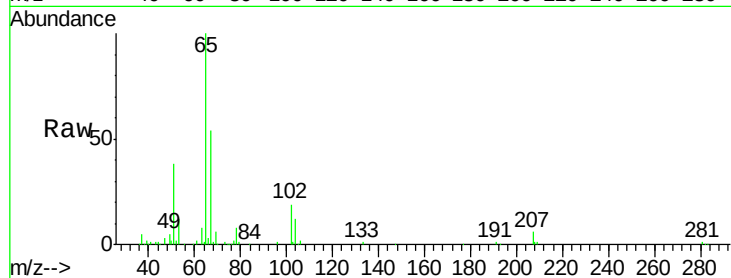




#33
 1,2-Dichloroethane-d4
 Concen: 50.046 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060242.D
 Acq: 25 Feb 2020 18:14

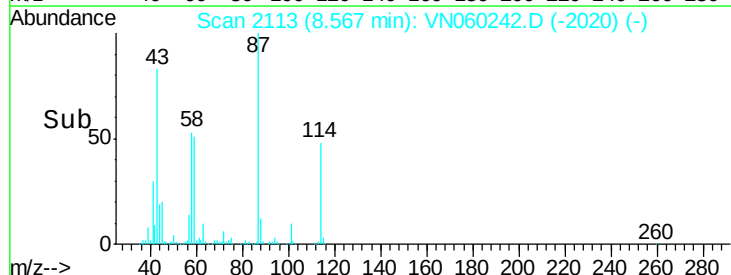
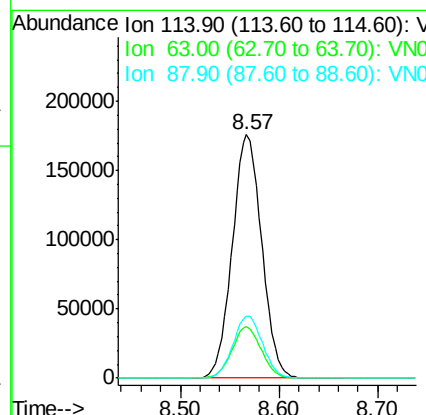
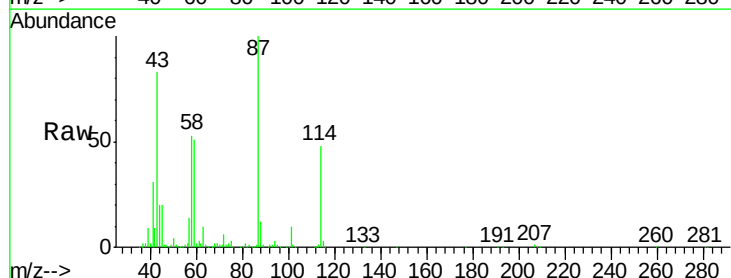
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-30871DL

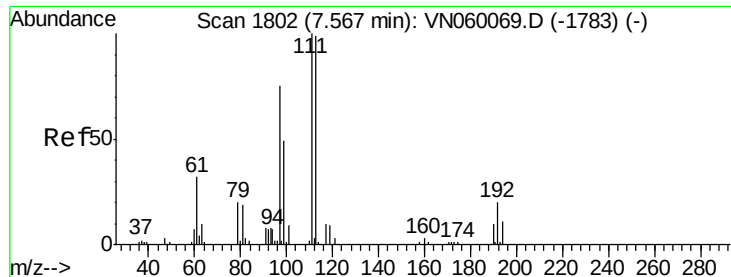
Tot Ion: 65 Resp: 139545
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060242.D
 Acq: 25 Feb 2020 18:14

Tgt Ion: 114 Resp: 366347
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.0
 88 25.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.687 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN060242.D

Acq: 25 Feb 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

NB-30871DL

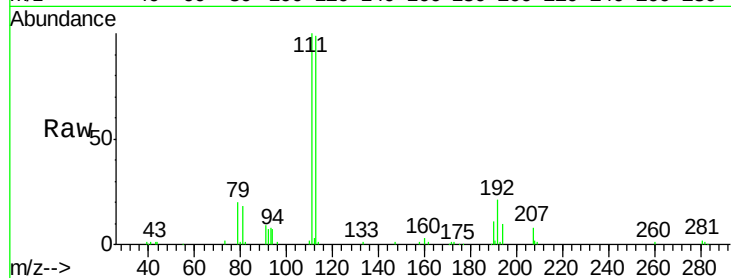
Tot Ion:113 Resp: 107389

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.2

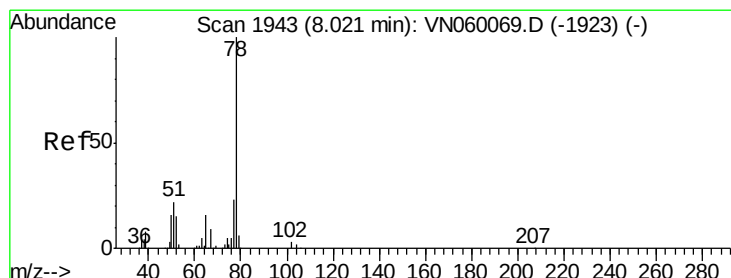
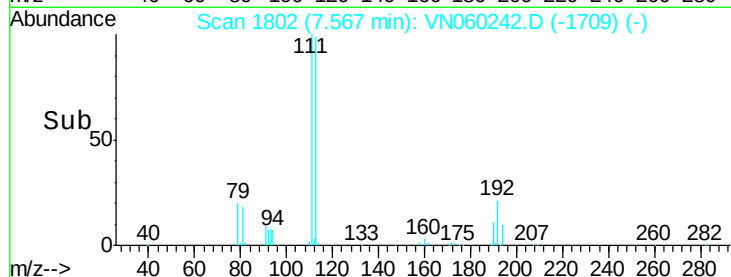
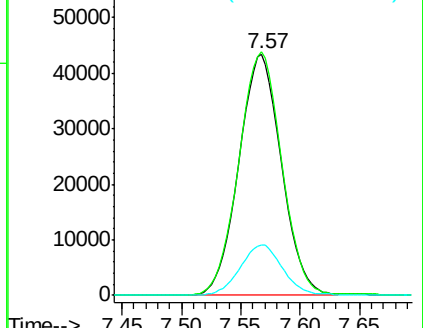
192 21.0 16.2 24.2



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



#40

Benzene

Concen: 1.922 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN060242.D

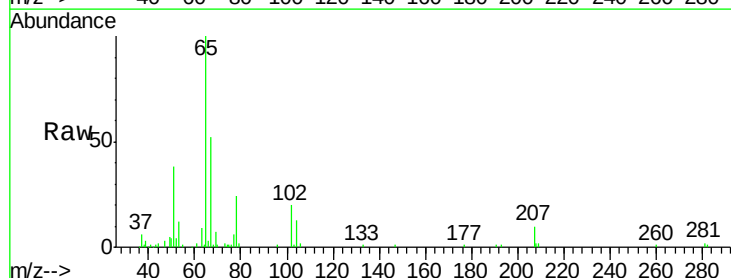
Acq: 25 Feb 2020 18:14

Tgt Ion: 78 Resp: 19348

Ion Ratio Lower Upper

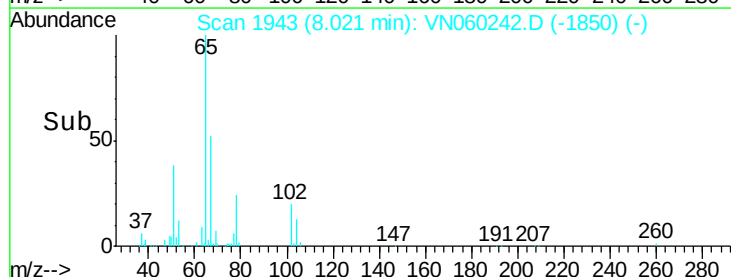
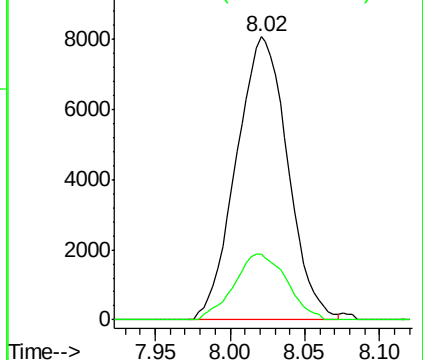
78 100

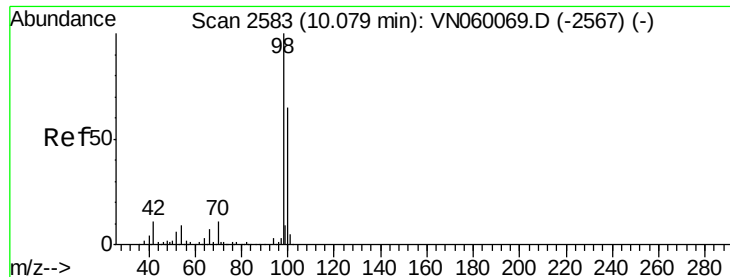
77 23.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#50

Toluene-d8

Concen: 49.970 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060242.D

Acq: 25 Feb 2020 18:14

Instrument :

MSVOA_N

ClientSampled :

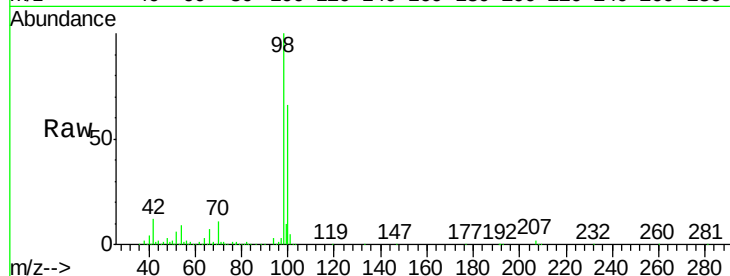
NB-30871DL

Tot Ion: 98 Resp: 443134

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060069.D (-2567) (-)

10.08

250000

200000

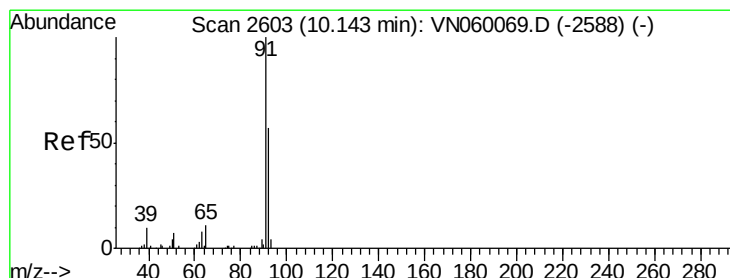
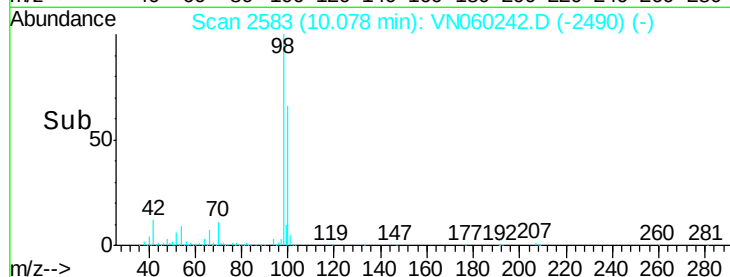
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 2.298 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060242.D

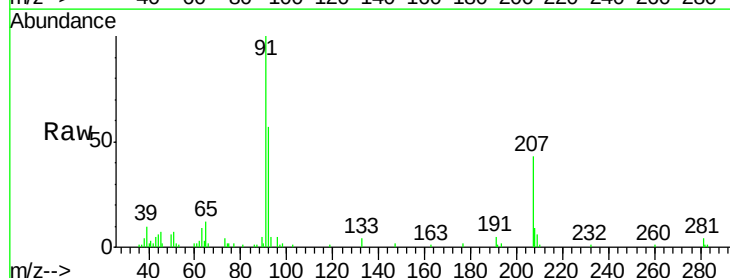
Acq: 25 Feb 2020 18:14

Tgt Ion: 92 Resp: 14836

Ion Ratio Lower Upper

92 100

91 176.0 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN060069.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060069.D (-2588) (-)

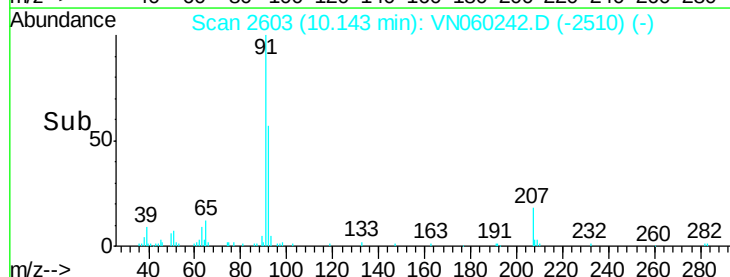
15000

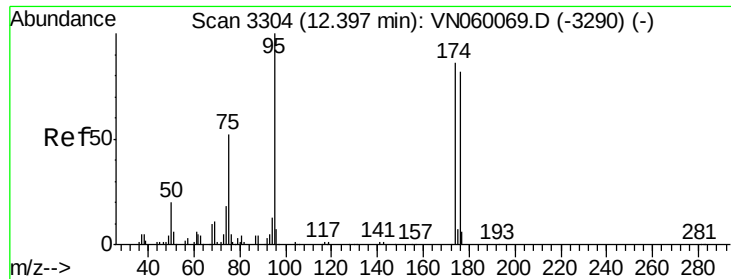
10000

5000

0

Time-->

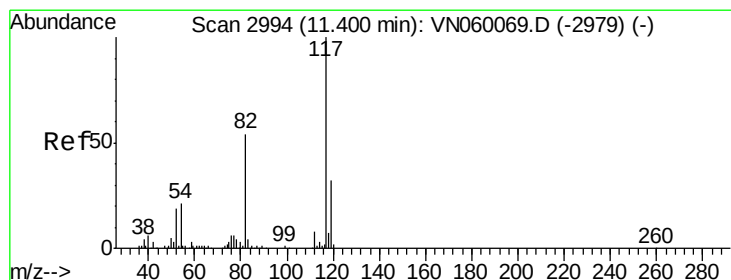
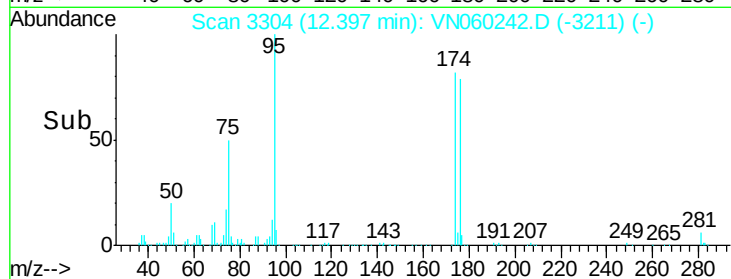
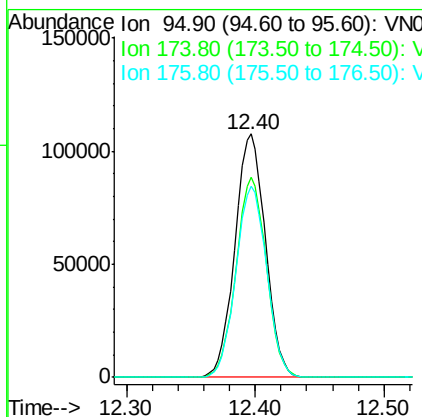
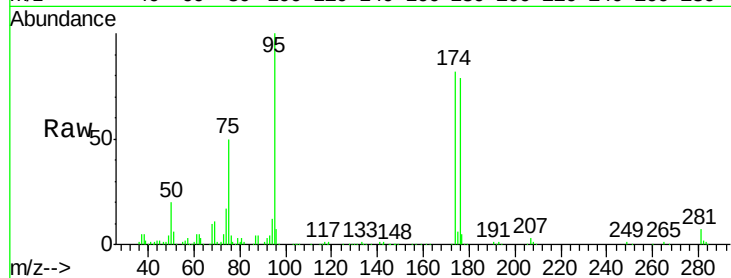




#62
4-Bromofluorobenzene
Concen: 54.199 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060242.D
Acq: 25 Feb 2020 18:14

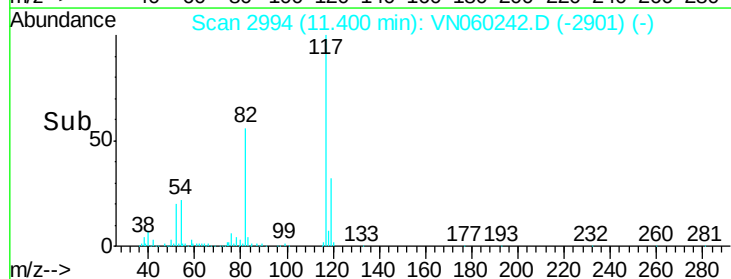
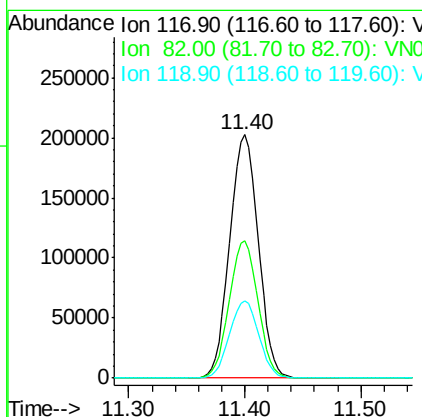
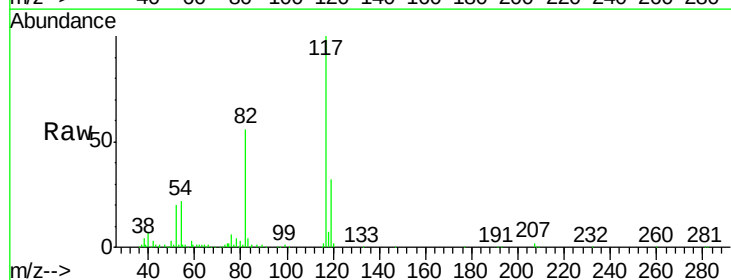
Instrument :
MSVOA_N
ClientSampleId :
NB-30871DL

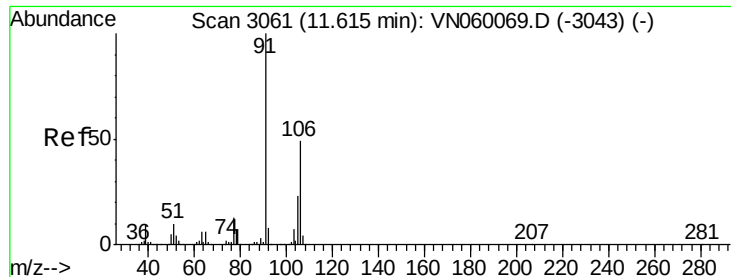
Tot Ion: 95 Resp: 176613
Ion Ratio Lower Upper
95 100
174 81.8 0.0 169.8
176 79.3 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060242.D
Acq: 25 Feb 2020 18:14

Tgt Ion: 117 Resp: 344809
Ion Ratio Lower Upper
117 100
82 56.2 43.4 65.0
119 31.8 25.8 38.6





#68

m/p-Xvlenes

Concen: 1.523 ug/l

RT: 11.61 min Scan# 3059

Delta R.T. -0.01 min

Lab File: VN060242.D

Acq: 25 Feb 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

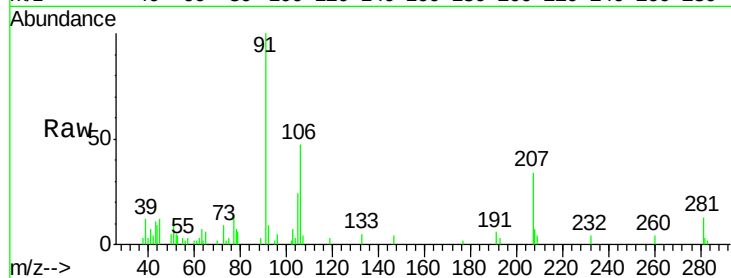
NB-30871DL

Tot Ion:106 Resp: 7243

Ion Ratio Lower Upper

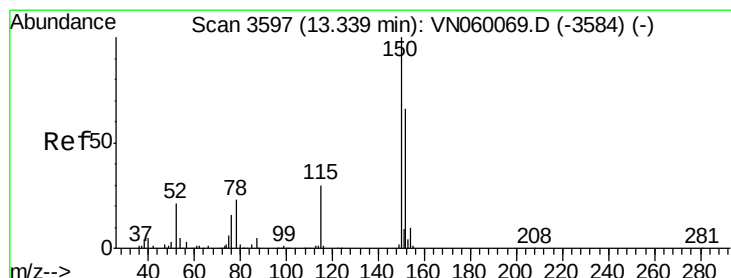
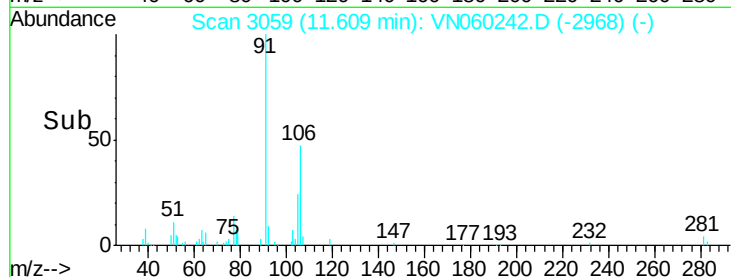
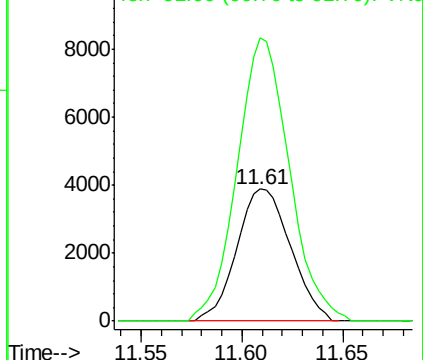
106 100

91 208.8 162.7 244.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060242.D

Acq: 25 Feb 2020 18:14

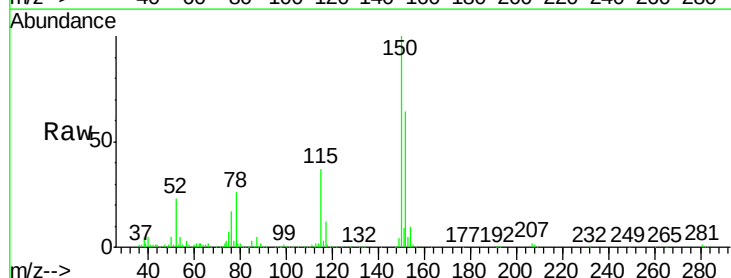
Tgt Ion:152 Resp: 177746

Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.8

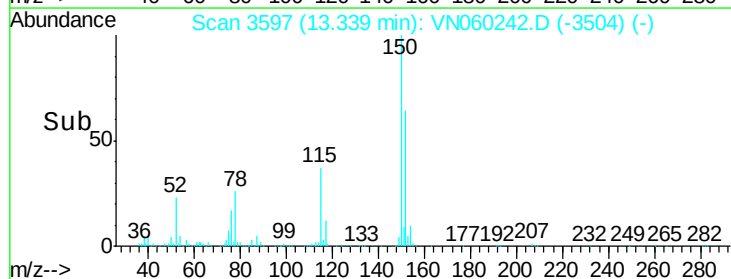
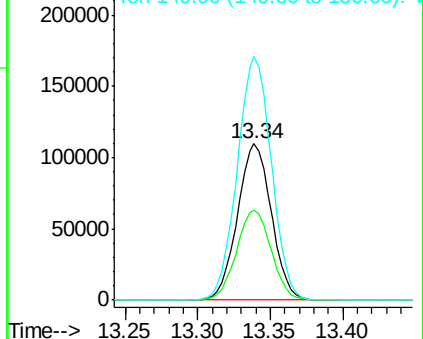
150 157.1 0.0 342.4

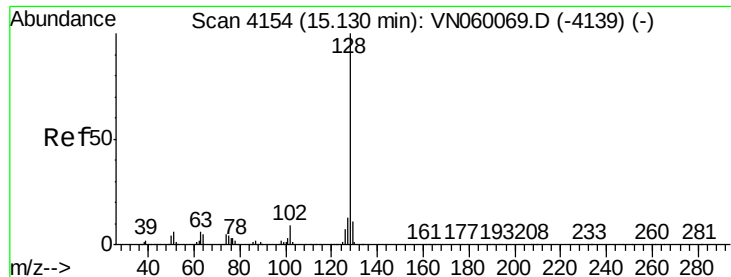


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.134 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060242.D

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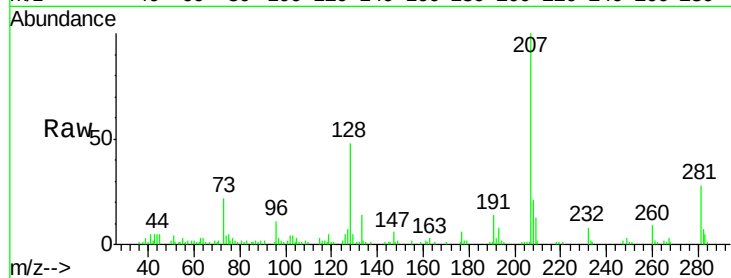
Tot Ion:128 Resp: 19329

Ion Ratio Lower Upper

128 100

127 15.0 10.3 15.5

129 9.4 8.6 13.0



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

