

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059388.D
 Acq On : 25 Nov 2019 17:16
 Operator : JC/SP
 Sample : K5670-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-112119

Quant Time: Nov 26 01:11:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

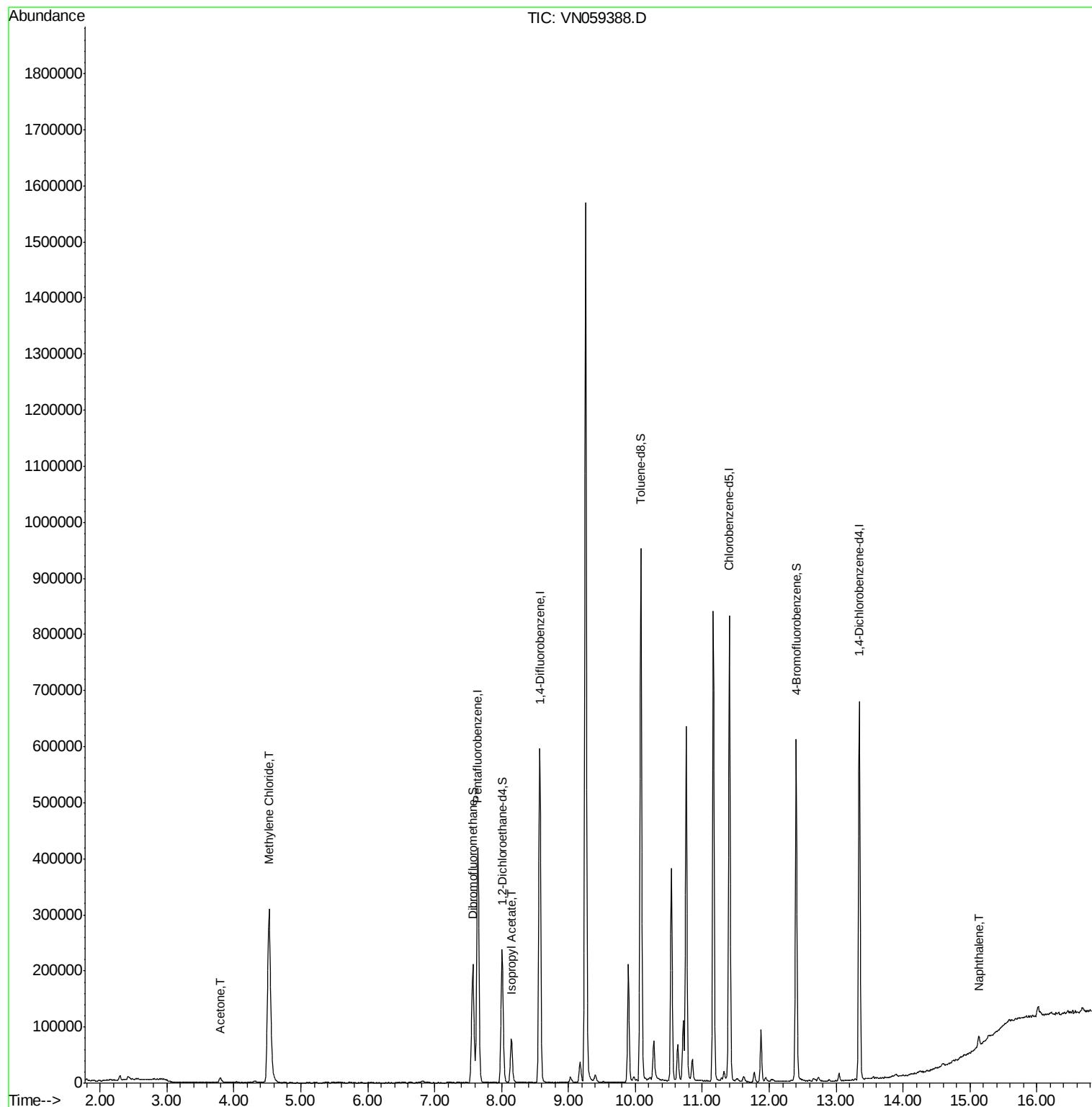
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	360351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	553921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	490579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	188042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	202479	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
35) Dibromofluoromethane	7.57	113	163926	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.08	98	672819	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	220464	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
Target Compounds						
16) Acetone	3.80	43	13975	7.209	ug/l	91
20) Methylene Chloride	4.53	84	253996	58.092	ug/l	98
43) Isopropyl Acetate	8.15	43	92001	9.795	ug/l #	91
95) Naphthalene	15.13	128	16688	4.578	ug/l	100

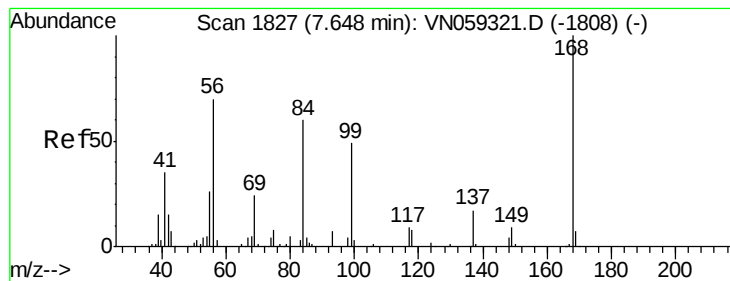
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112519\
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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

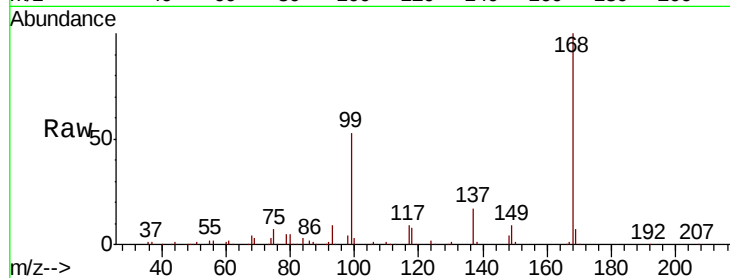
OK-01-112119

Tot Ion:168 Resp: 360351

Ion Ratio Lower Upper

168 100

99 52.7 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

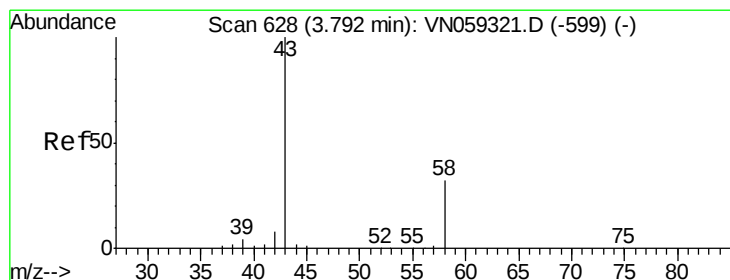
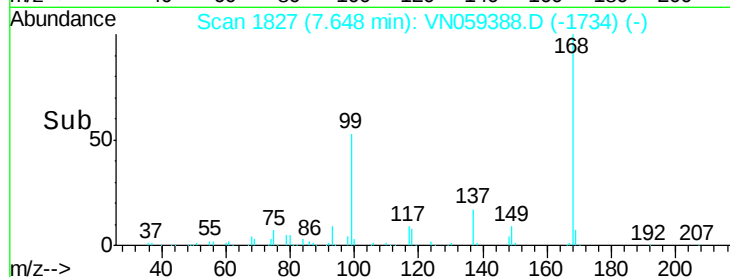
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.209 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN059388.D

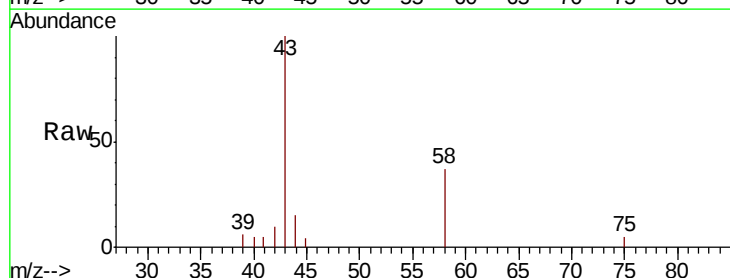
Acq: 25 Nov 2019 17:16

Tgt Ion: 43 Resp: 13975

Ion Ratio Lower Upper

43 100

58 37.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

5000

4000

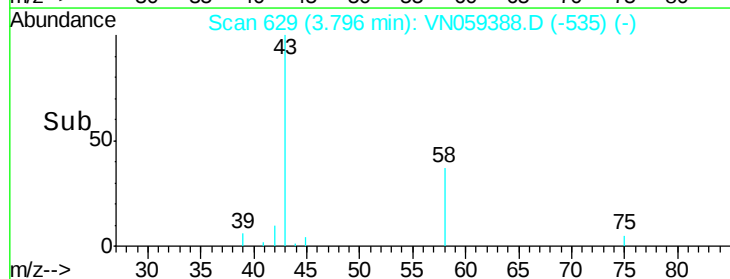
3000

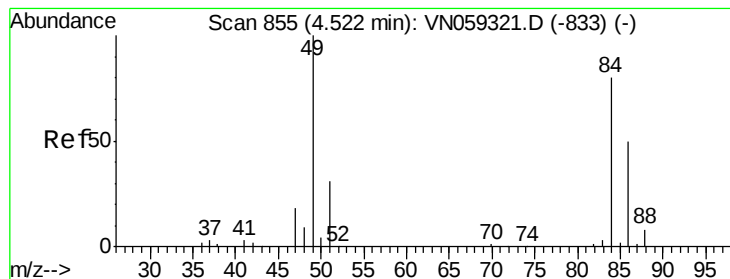
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 58.092 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

OK-01-112119

Tot Ion: 84 Resp: 253996

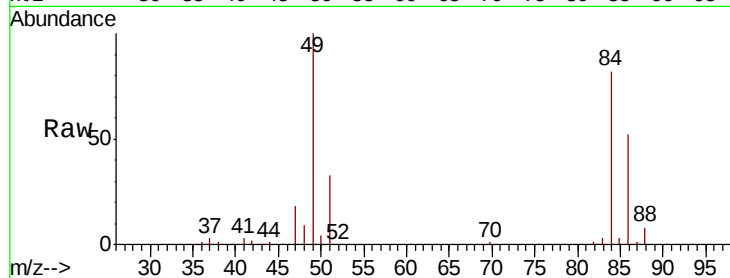
Ion Ratio Lower Upper

84 100

49 122.3 99.5 149.3

51 39.9 31.1 46.7

86 63.9 49.9 74.9



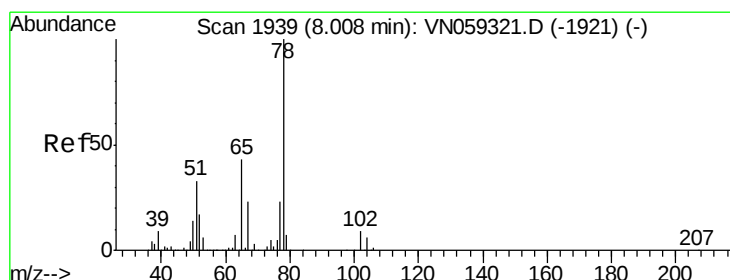
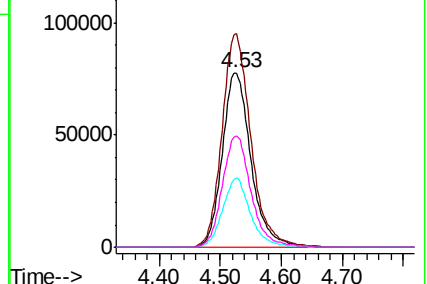
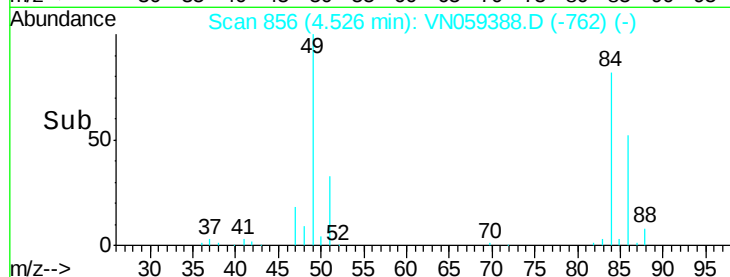
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 46.831 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059388.D

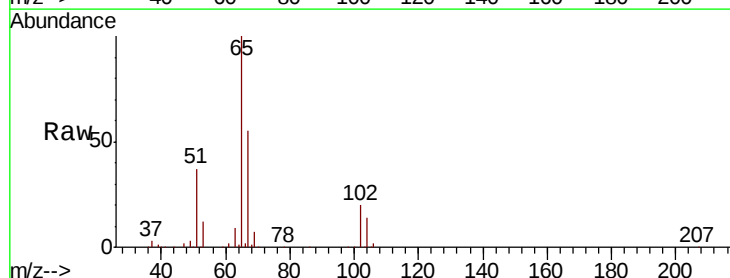
Acq: 25 Nov 2019 17:16

Tgt Ion: 65 Resp: 202479

Ion Ratio Lower Upper

65 100

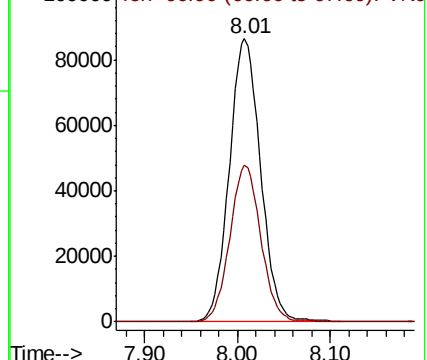
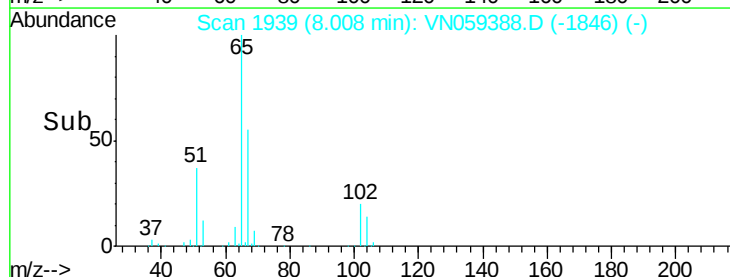
67 54.9 0.0 109.4

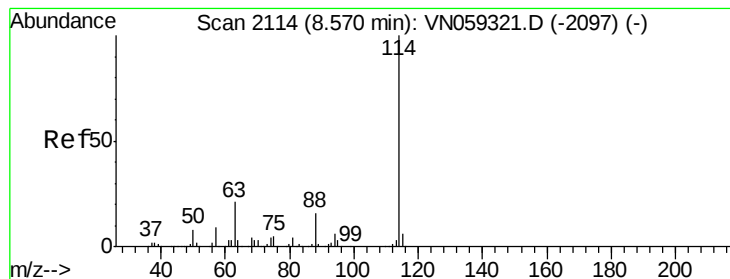


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

OK-01-112119

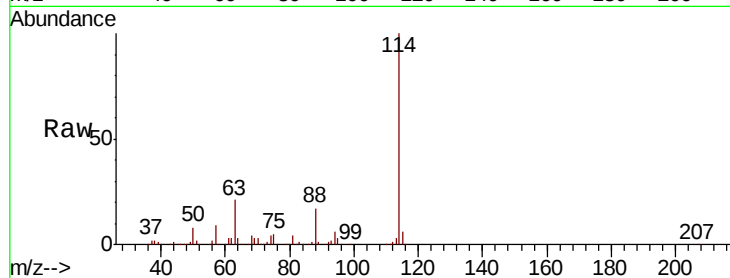
Tot Ion:114 Resp: 553921

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

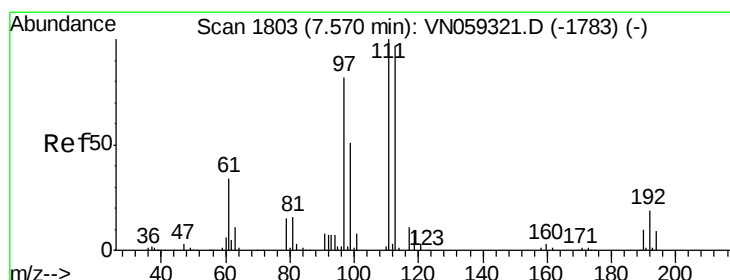
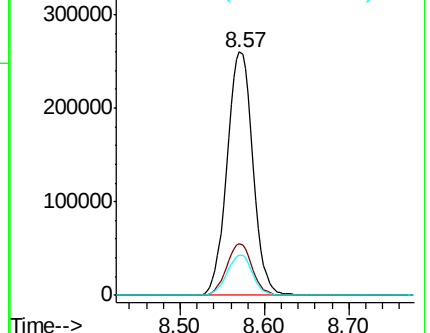
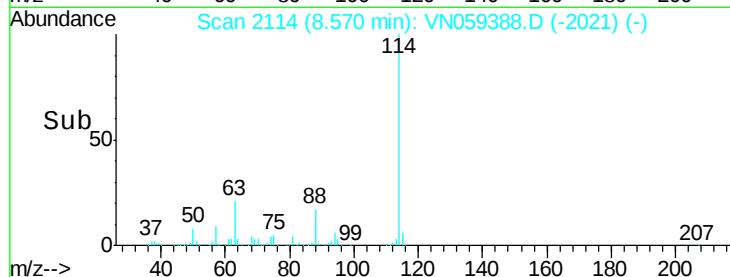
88 16.7 0.0 32.2



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: 49.328 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

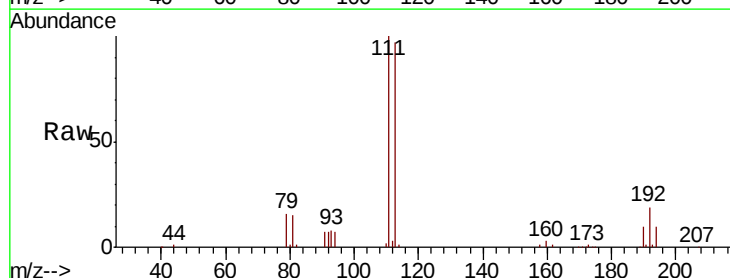
Tgt Ion:113 Resp: 163926

Ion Ratio Lower Upper

113 100

111 104.4 82.7 124.1

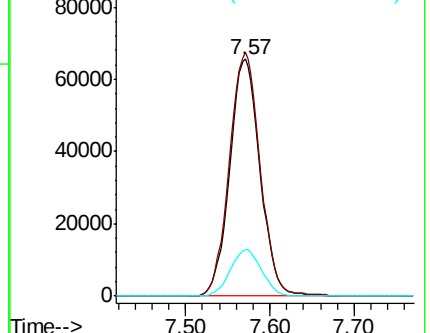
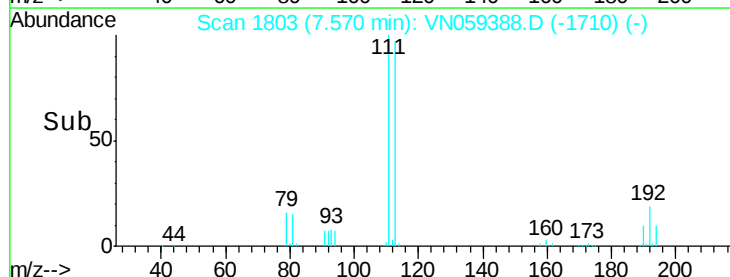
192 20.3 16.3 24.5

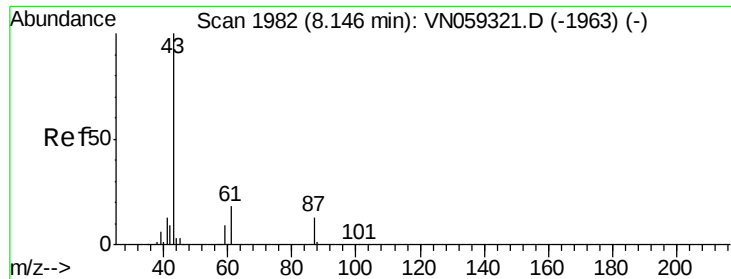


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.795 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

OK-01-112119

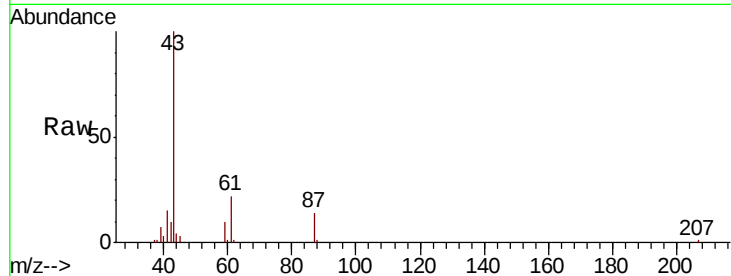
Tot Ion: 43 Resp: 92001

Ion Ratio Lower Upper

43 100

61 20.6 21.7 32.5#

87 13.1 10.2 15.4

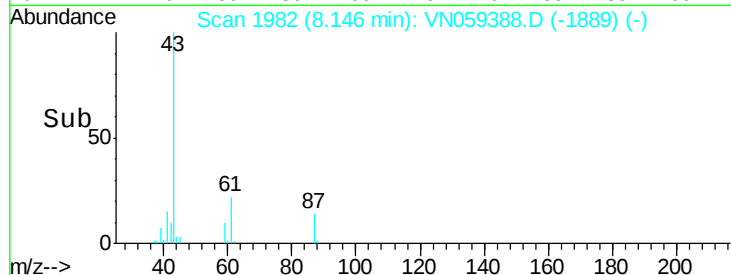


Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN059321.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN059321.D (-1963) (-)

Time-->

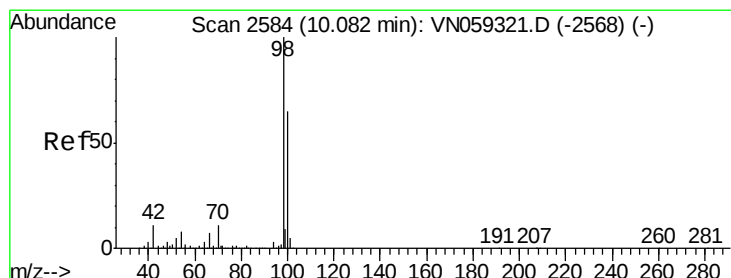


Abundance Ion 43.00 (42.70 to 43.70): VN059388.D (-1889) (-)

Ion 61.00 (60.70 to 61.70): VN059388.D (-1889) (-)

Ion 87.00 (86.70 to 87.70): VN059388.D (-1889) (-)

Time-->



#50

Toluene-d8

Concen: 50.928 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059388.D

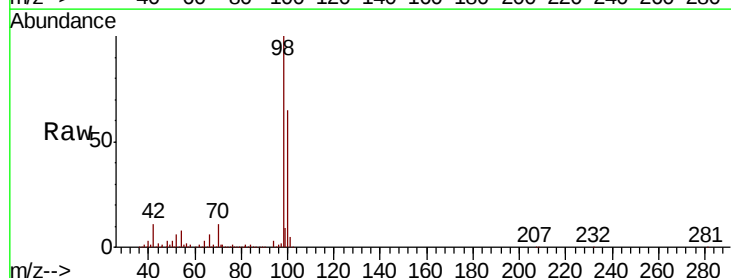
Acq: 25 Nov 2019 17:16

Tgt Ion: 98 Resp: 672819

Ion Ratio Lower Upper

98 100

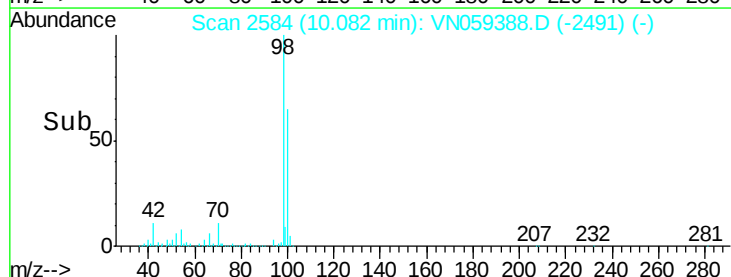
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN059321.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN059321.D (-2568) (-)

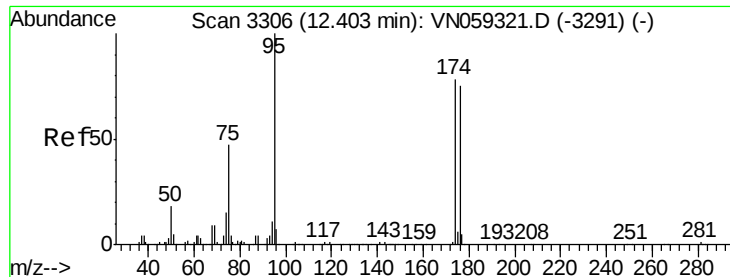
Time-->



Abundance Ion 98.00 (97.70 to 98.70): VN059388.D (-2491) (-)

Ion 100.00 (99.70 to 100.70): VN059388.D (-2491) (-)

Time-->



#62

4-Bromofluorobenzene

Concen: 47.726 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

MSVOA_N

ClientSampleId :

OK-01-112119

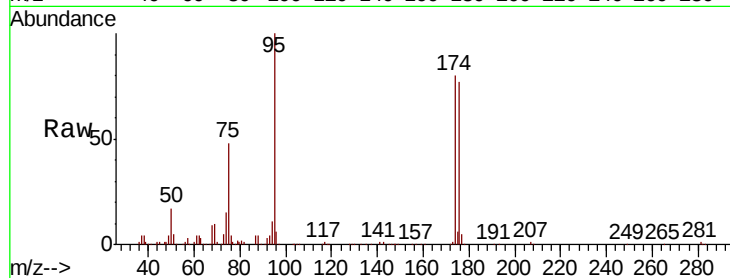
Tot Ion: 95 Resp: 220464

Ion Ratio Lower Upper

95 100

174 79.4 0.0 157.4

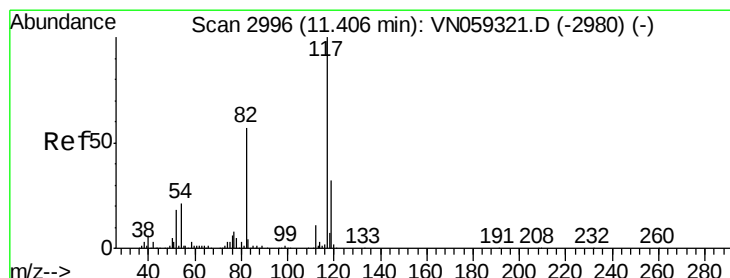
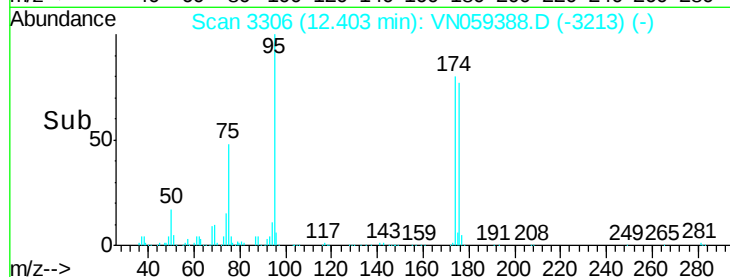
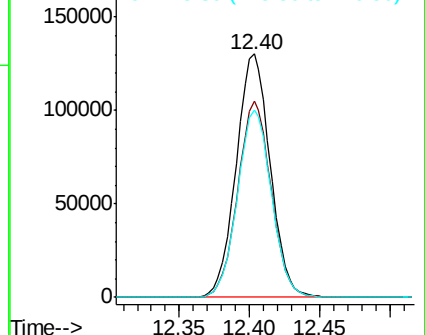
176 77.3 0.0 151.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

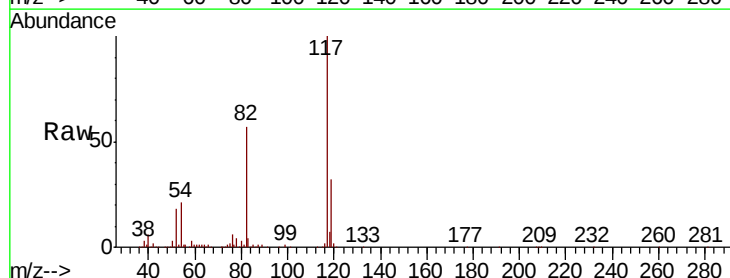
Tgt Ion: 117 Resp: 490579

Ion Ratio Lower Upper

117 100

82 56.9 45.7 68.5

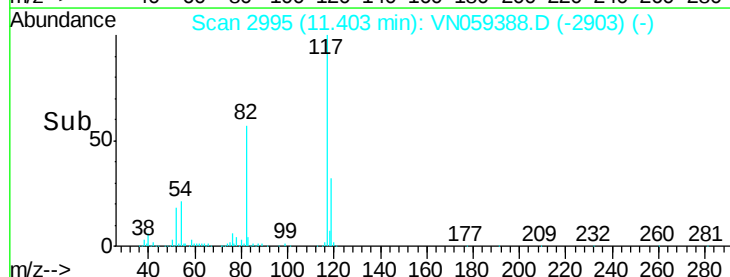
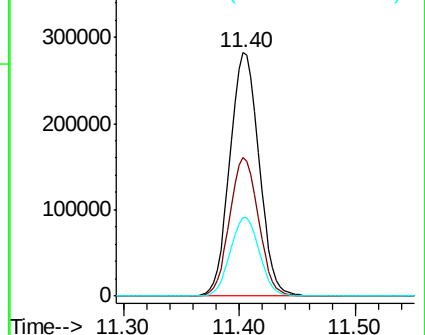
119 32.2 25.8 38.6

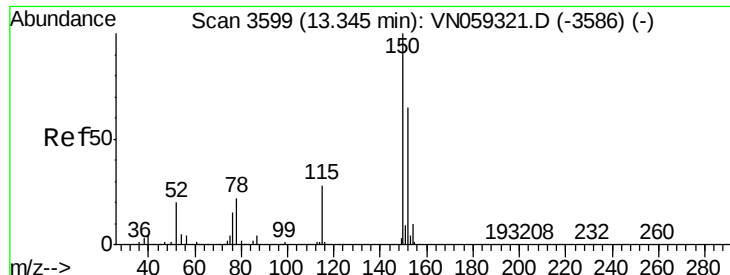


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

Instrument :

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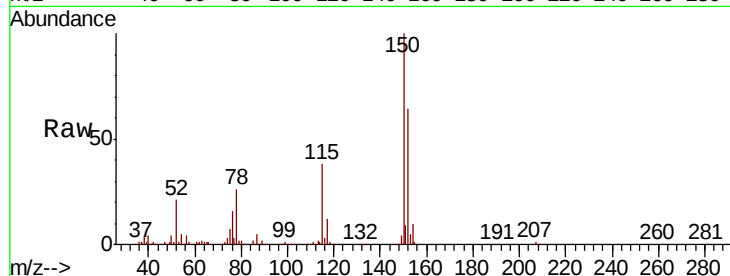
Tot Ion:152 Resp: 188042

Ion Ratio Lower Upper

152 100

115 59.6 29.3 88.0

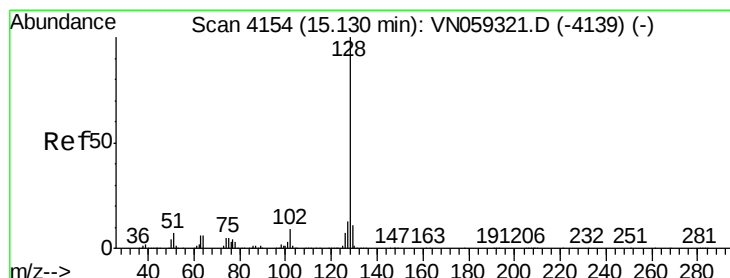
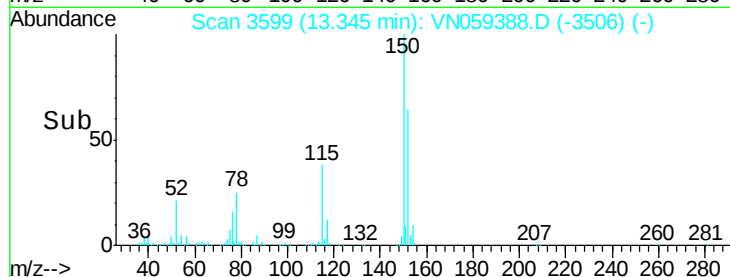
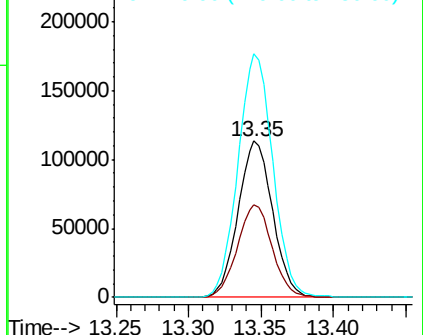
150 157.7 0.0 346.0



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: 4.578 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059388.D

Acq: 25 Nov 2019 17:16

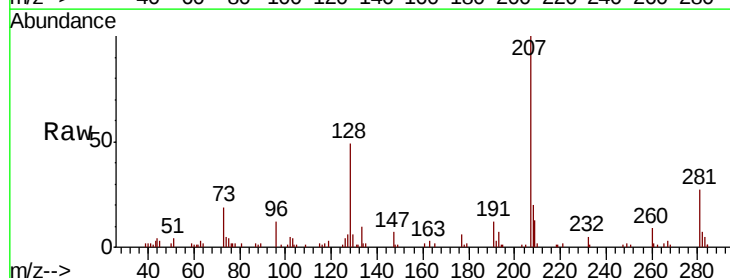
Tgt Ion:128 Resp: 16688

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.6 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

