

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059184.D
 Acq On : 12 Nov 2019 12:55
 Operator : JC/SP
 Sample : K5670-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-111119

Quant Time: Nov 13 06:21:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

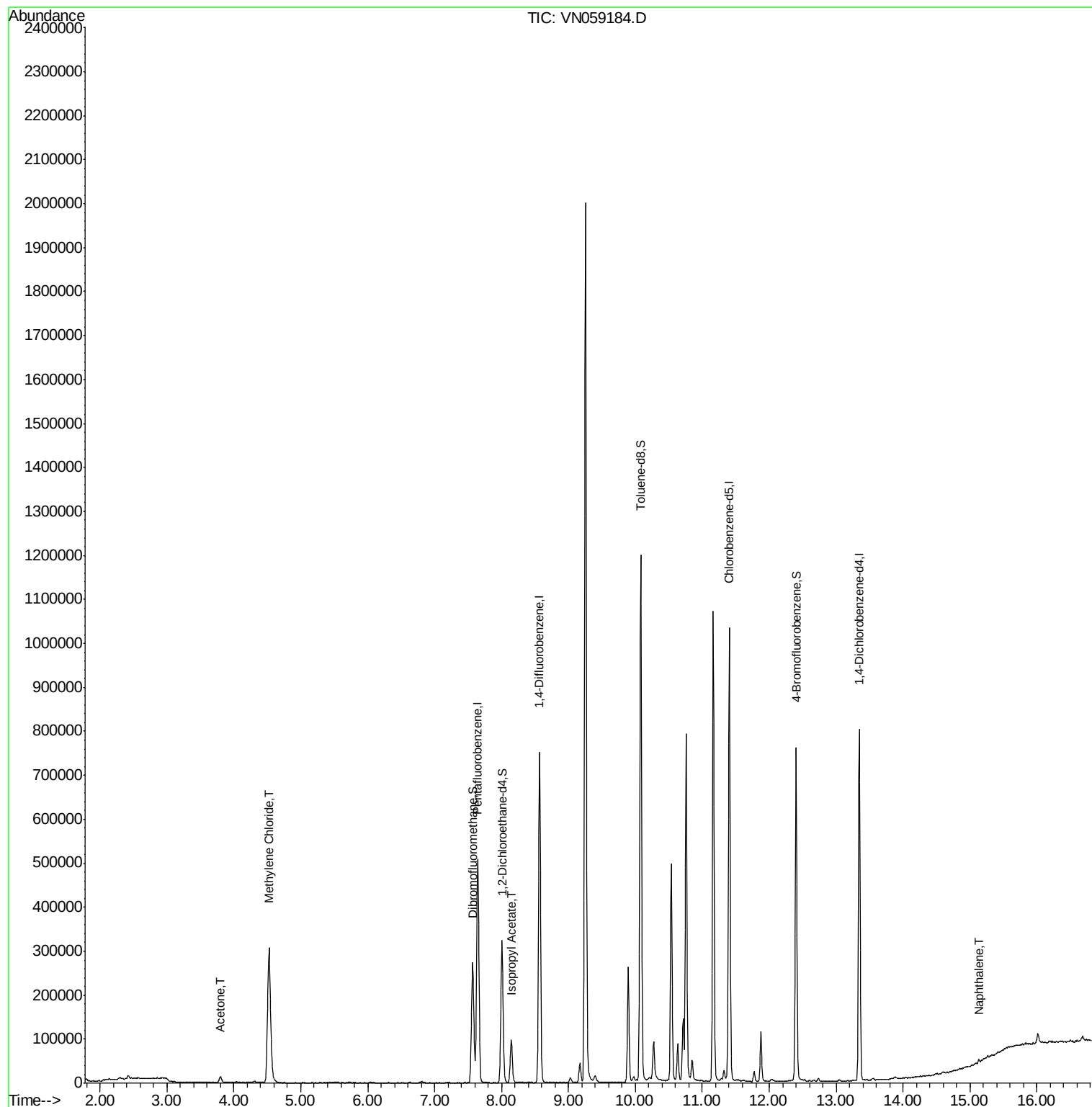
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	411245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	654321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	600497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	219950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	280436	55.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.94%	
35) Dibromofluoromethane	7.57	113	212989	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
50) Toluene-d8	10.08	98	836090	54.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.66%	
62) 4-Bromofluorobenzene	12.40	95	270896	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
Target Compounds						
16) Acetone	3.80	43	23159	8.810	ug/l	99
20) Methylene Chloride	4.53	84	238138	51.997	ug/l	99
43) Isopropyl Acetate	8.15	43	112845	10.403	ug/l #	90
95) Naphthalene	15.13	128	4021	3.376	ug/l	99

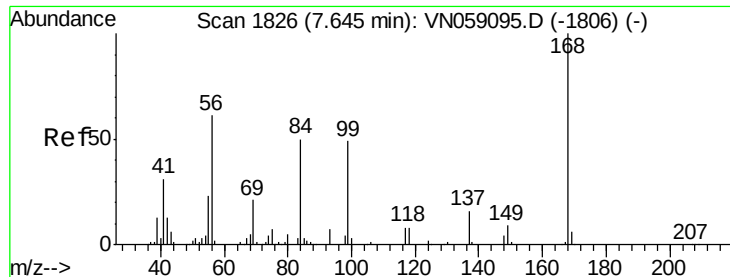
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111219\
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Acq On : 12 Nov 2019 12:55
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
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: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

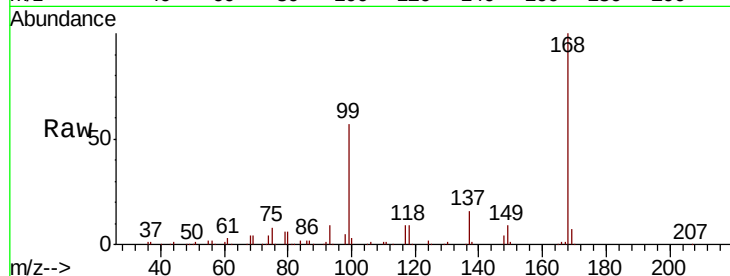
OK-02-111119

Tot Ion:168 Resp: 411245

Ion Ratio Lower Upper

168 100

99 56.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

200000 Ion 98.90 (98.60 to 99.60): VN

7.64

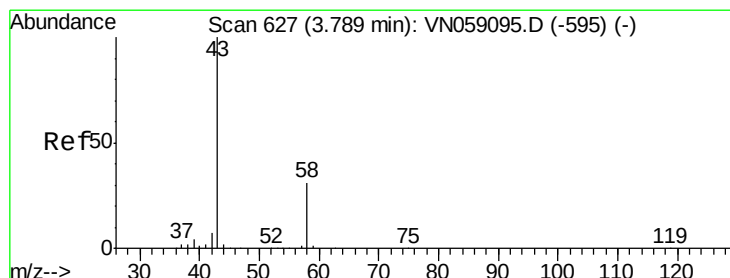
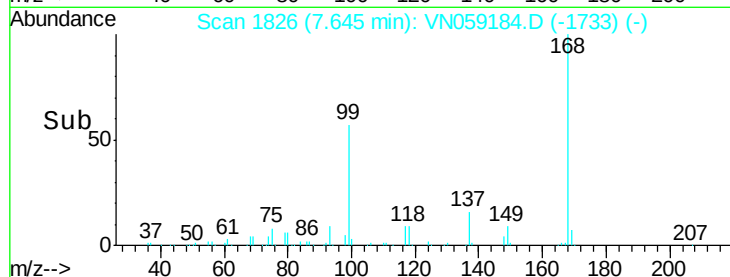
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.810 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059184.D

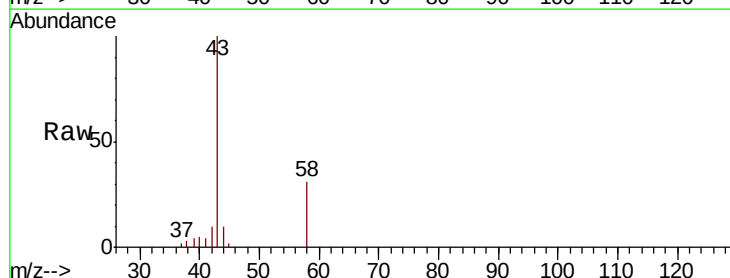
Acq: 12 Nov 2019 12:55

Tgt Ion: 43 Resp: 23159

Ion Ratio Lower Upper

43 100

58 30.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN

10000 Ion 58.00 (57.70 to 58.70): VN

8000

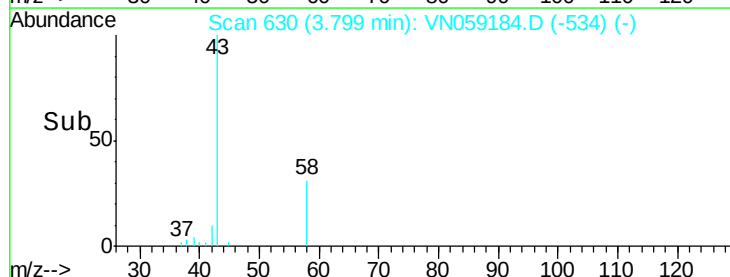
6000

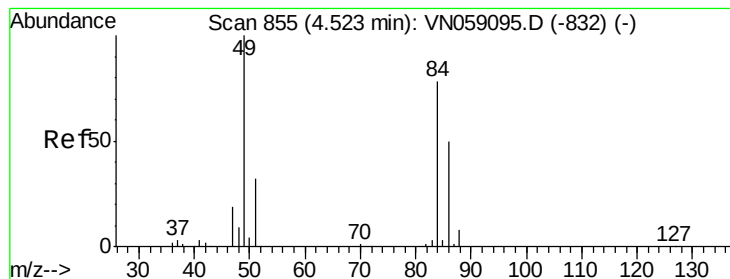
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 51.997 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :

MSVOA_N

ClientSampled :

OK-02-111119

Tot Ion: 84 Resp: 238138

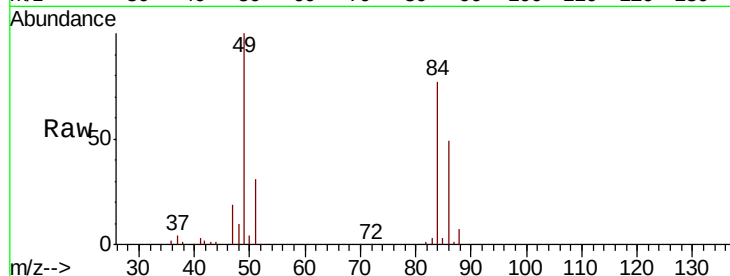
Ion Ratio Lower Upper

84 100

49 129.1 102.0 153.0

51 39.8 32.2 48.2

86 63.4 50.7 76.1

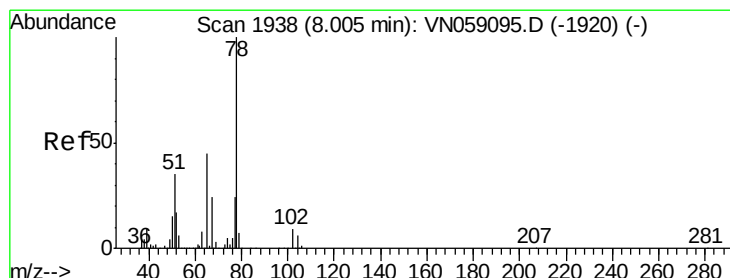
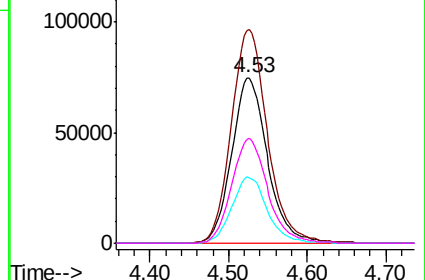
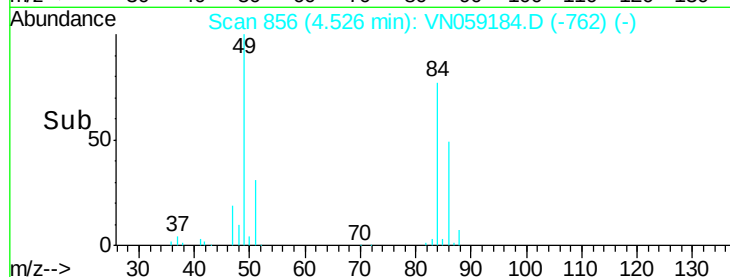


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 55.474 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059184.D

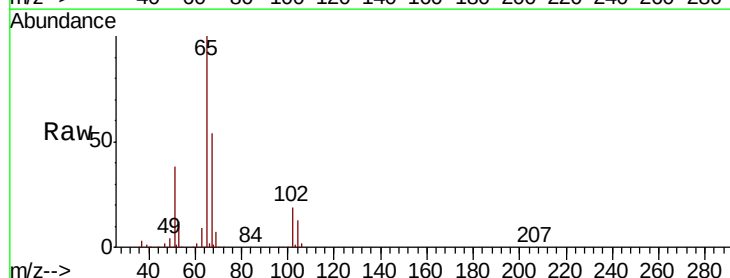
Acq: 12 Nov 2019 12:55

Tgt Ion: 65 Resp: 280436

Ion Ratio Lower Upper

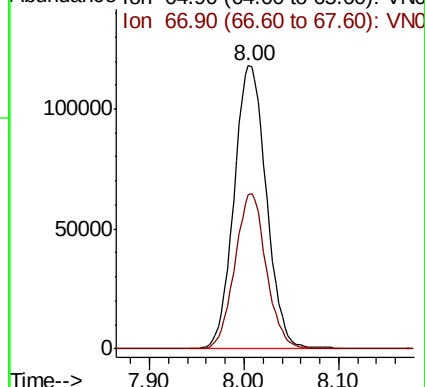
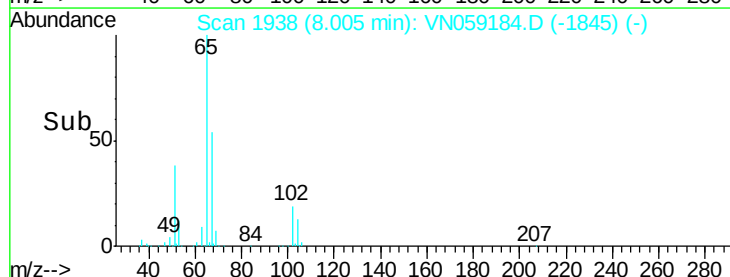
65 100

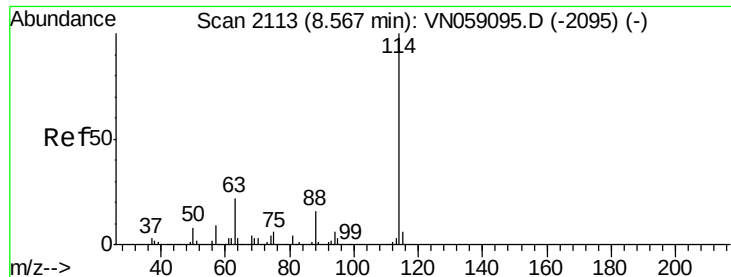
67 53.2 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

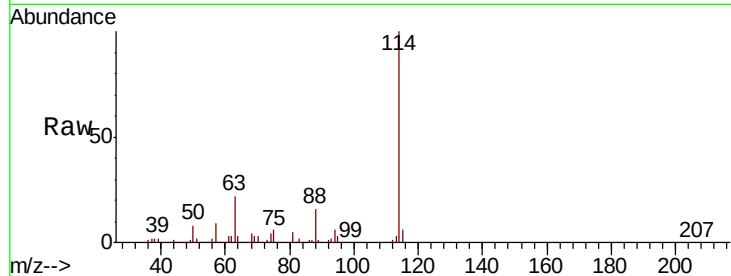




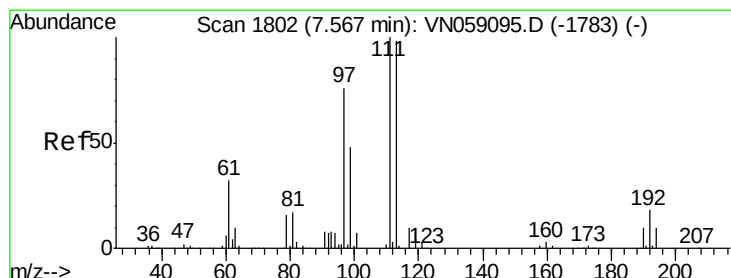
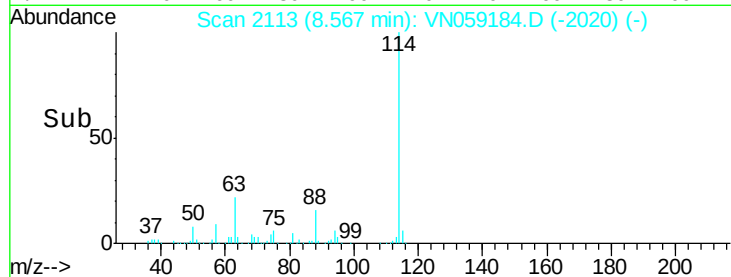
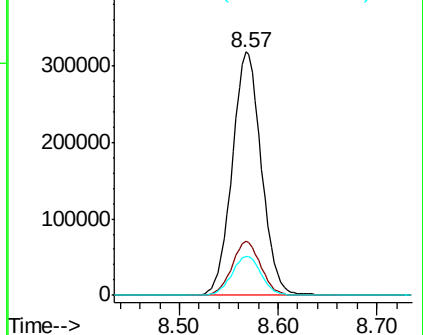
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059184.D
 Acq: 12 Nov 2019 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-111119

Tot Ion:114 Resp: 654321
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.4
 88 15.9 0.0 32.2

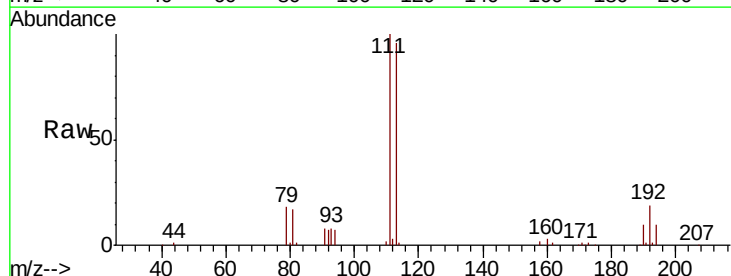


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

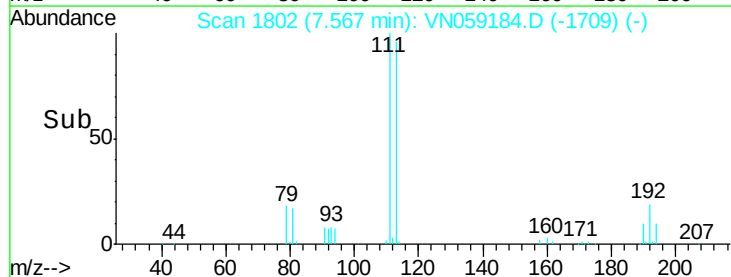
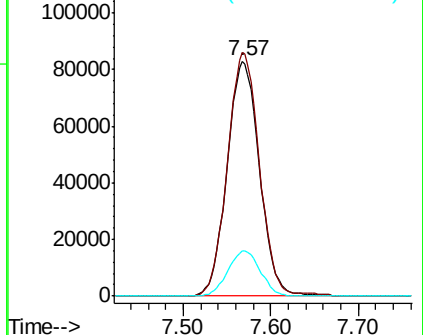


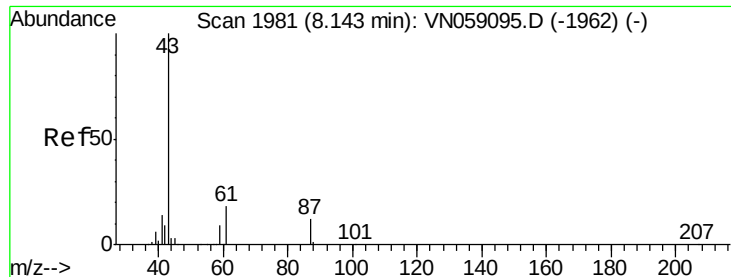
#35
 Dibromofluoromethane
 Concen: 54.516 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059184.D
 Acq: 12 Nov 2019 12:55

Tgt Ion:113 Resp: 212989
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.8 124.2
 192 19.3 16.1 24.1



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: 10.403 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

OK-02-111119

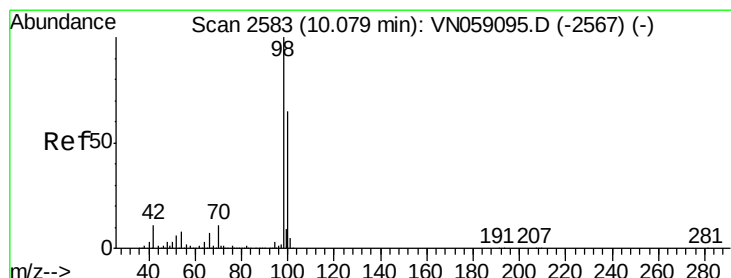
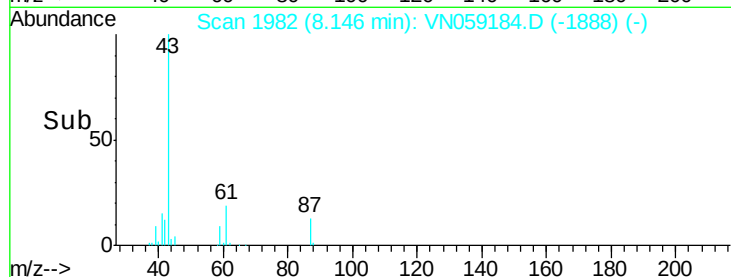
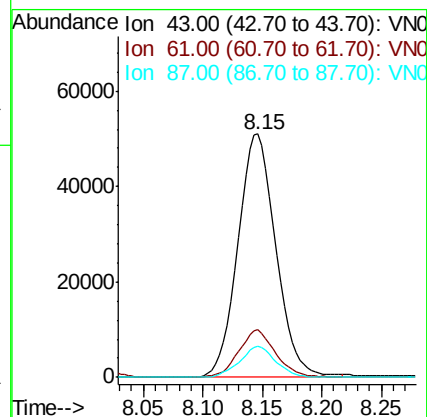
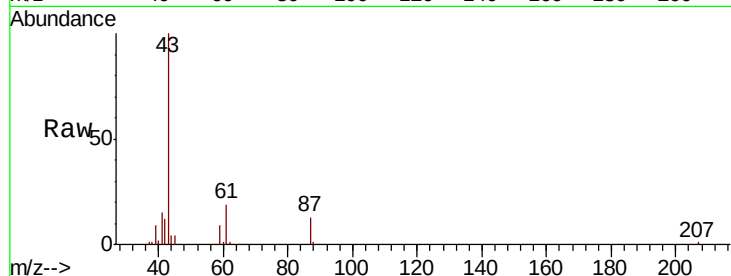
Tot Ion: 43 Resp: 112845

Ion Ratio Lower Upper

43 100

61 19.0 21.0 31.6#

87 12.0 9.8 14.6



#50

Toluene-d8

Concen: 54.330 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059184.D

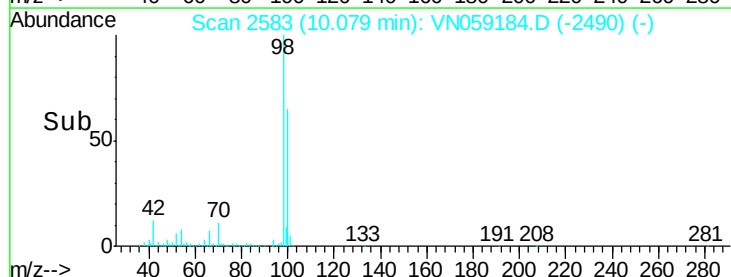
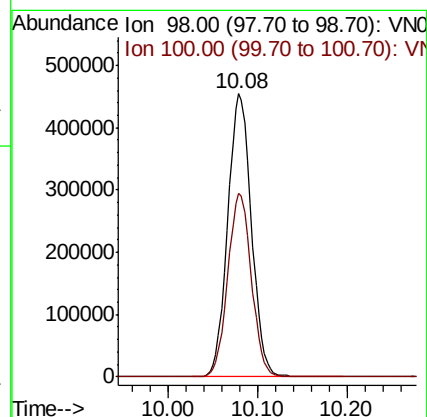
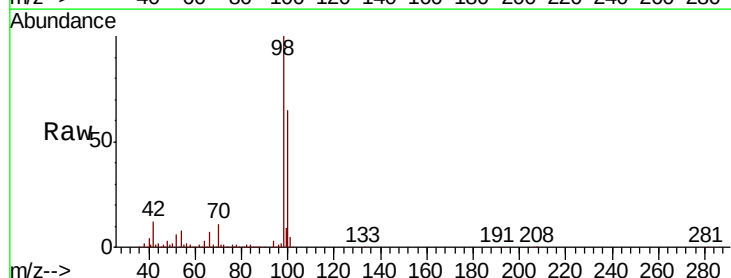
Acq: 12 Nov 2019 12:55

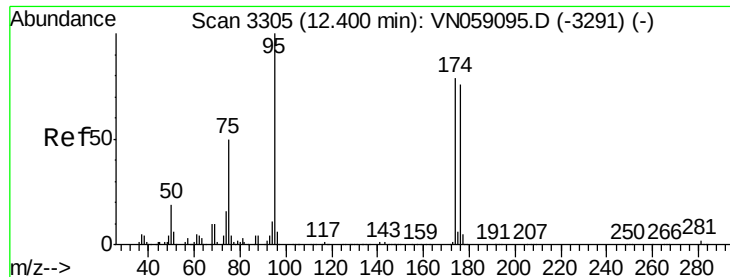
Tgt Ion: 98 Resp: 836090

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 48.821 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

Instrument :

MSVOA_N

ClientSampleId :

OK-02-111119

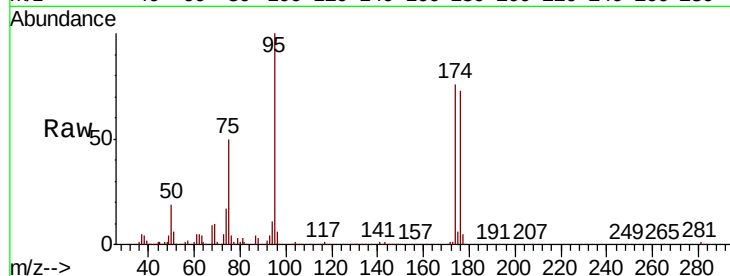
Tot Ion: 95 Resp: 270896

Ion Ratio Lower Upper

95 100

174 77.4 0.0 158.2

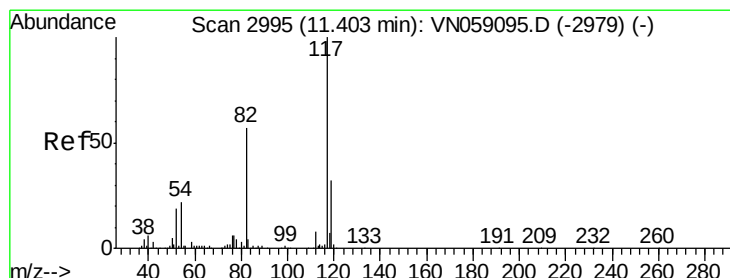
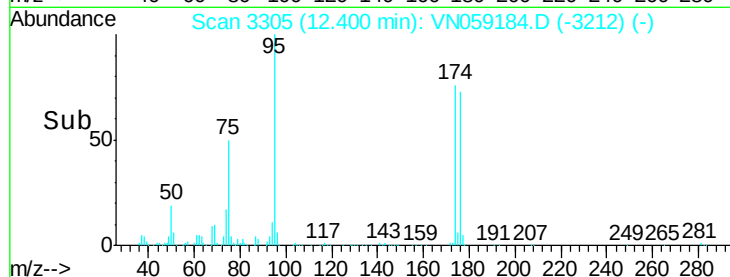
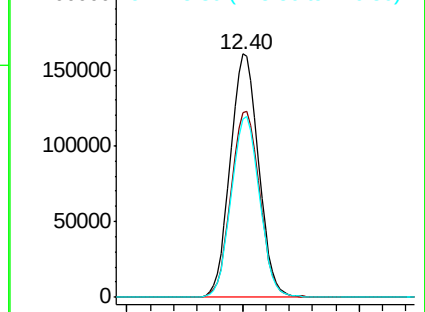
176 74.2 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059184.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059184.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059184.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059184.D

Acq: 12 Nov 2019 12:55

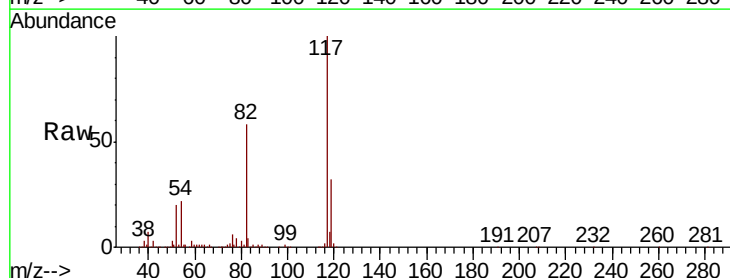
Tgt Ion: 117 Resp: 600497

Ion Ratio Lower Upper

117 100

82 57.7 45.8 68.8

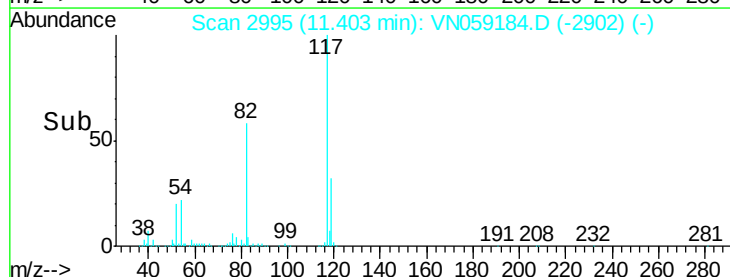
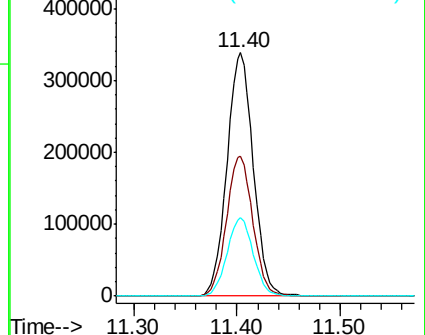
119 32.3 25.8 38.6

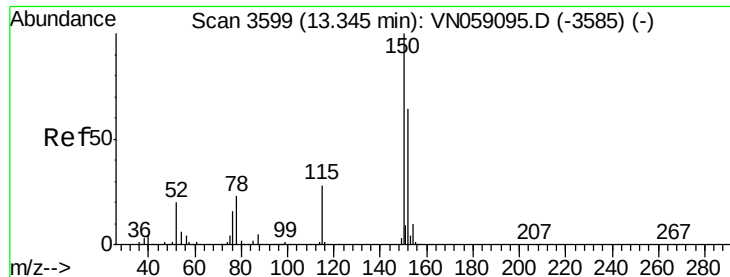


Abundance Ion 116.90 (116.60 to 117.60): VN059184.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059184.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059184.D (-2902) (-)

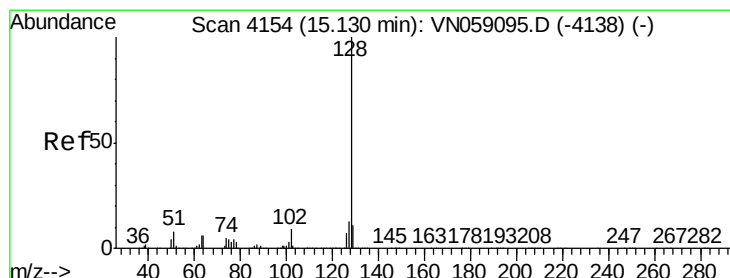
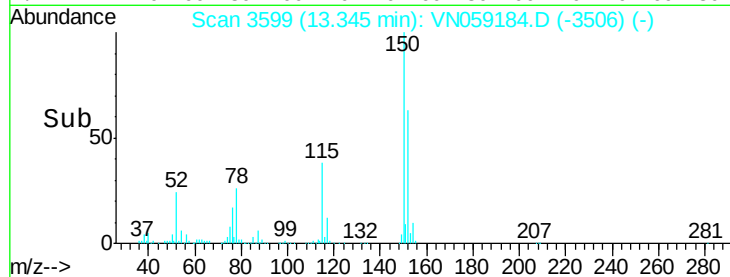
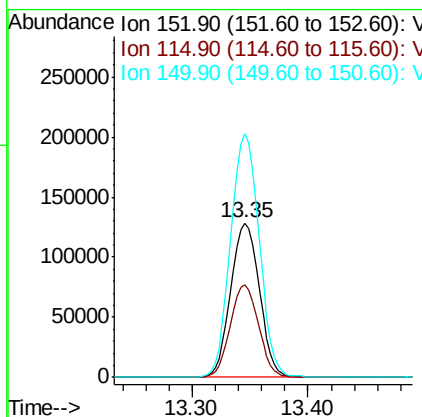
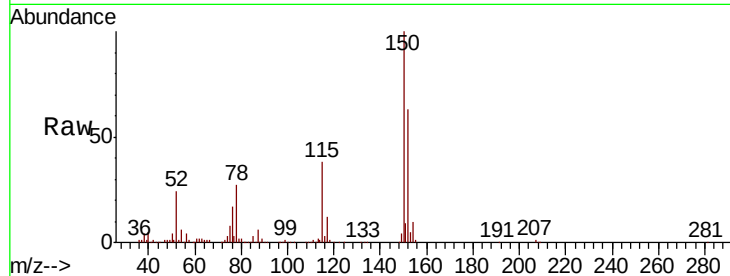




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. -0.00 min
 Lab File: VN059184.D
 Acq: 12 Nov 2019 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-111119

Tot Ion:152 Resp: 219950
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.4 88.2
 150 157.3 0.0 345.8



#95
 Naphthalene
 Concen: 3.376 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN059184.D
 Acq: 12 Nov 2019 12:55

Tgt Ion:128 Resp: 4021
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.2 15.2
 129 10.1 8.6 12.8

