

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060090.D
 Acq On : 13 Feb 2020 13:28
 Operator : JC/MD
 Sample : L1509-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC-3-SP-C

Quant Time: Feb 14 05:46:53 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

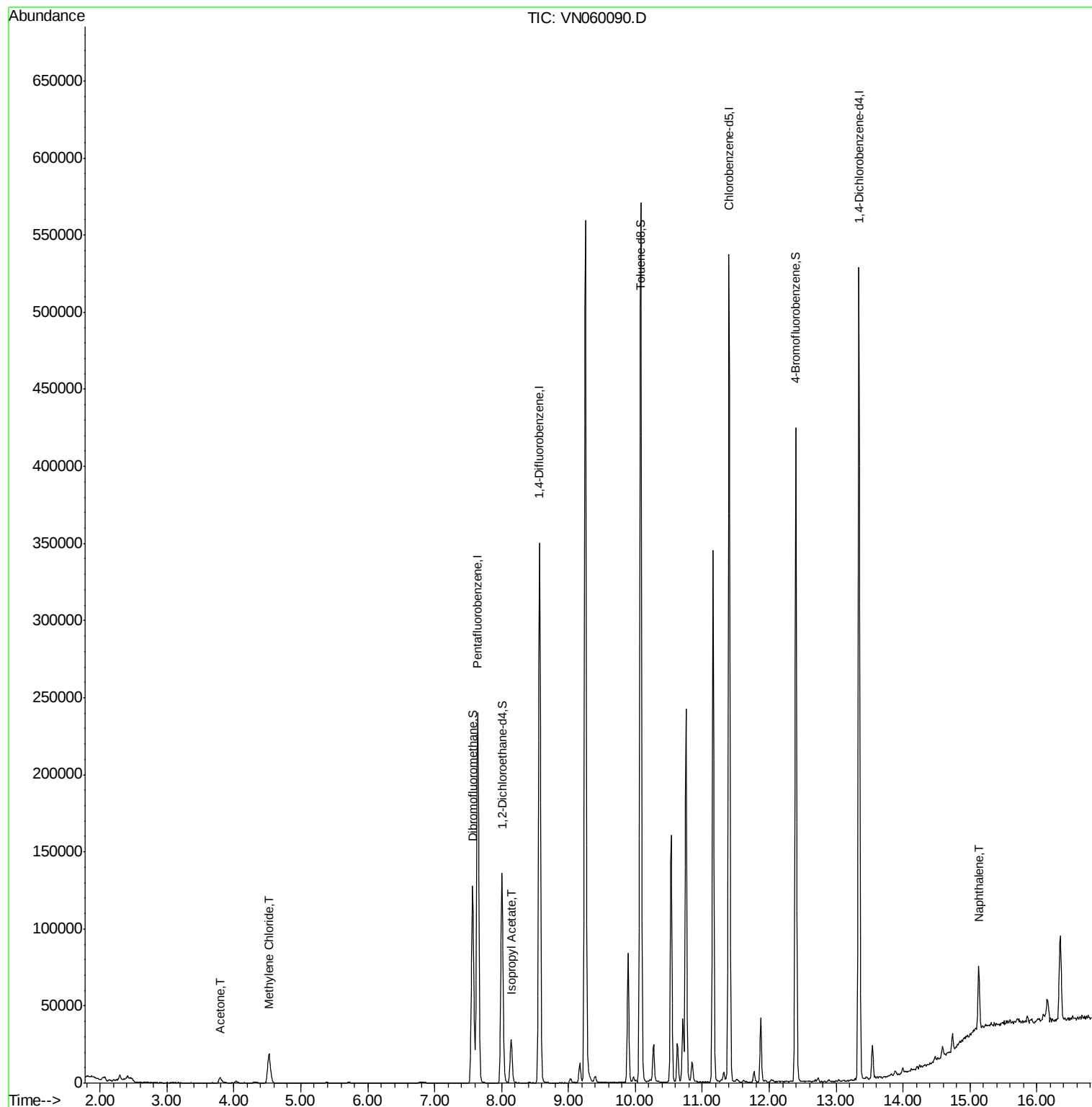
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	321420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	119215	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	7.57	113	97003	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	10.08	98	393091	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.40	95	141722	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
Target Compounds						
16) Acetone	3.80	43	6852	6.396	ug/l	100
20) Methylene Chloride	4.53	84	15027	7.030	ug/l	97
43) Isopropyl Acetate	8.14	43	34382	7.475	ug/l #	88
95) Naphthalene	15.13	128	36813	5.103	ug/l	100

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

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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: VN060090.D

Acq: 13 Feb 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

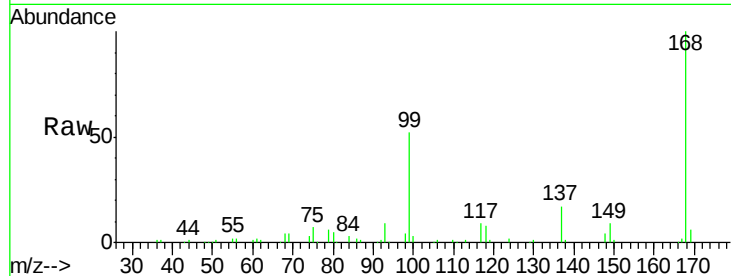
AOC-3-SP-C

Tot Ion:168 Resp: 201846

Ion Ratio Lower Upper

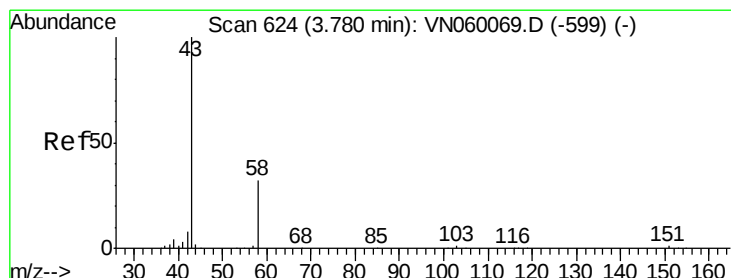
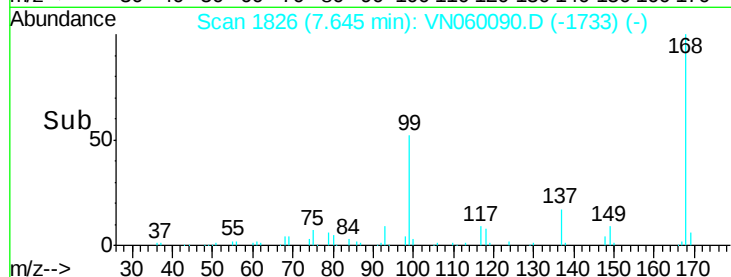
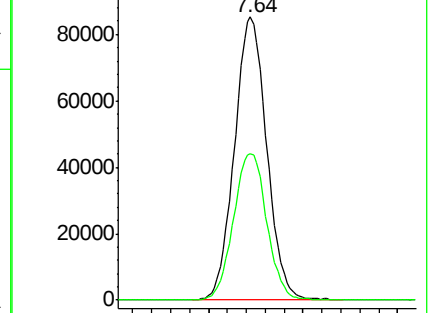
168 100

99 51.6 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: 6.396 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN060090.D

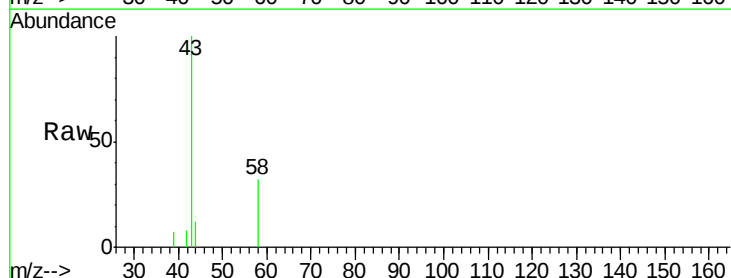
Acq: 13 Feb 2020 13:28

Tgt Ion: 43 Resp: 6852

Ion Ratio Lower Upper

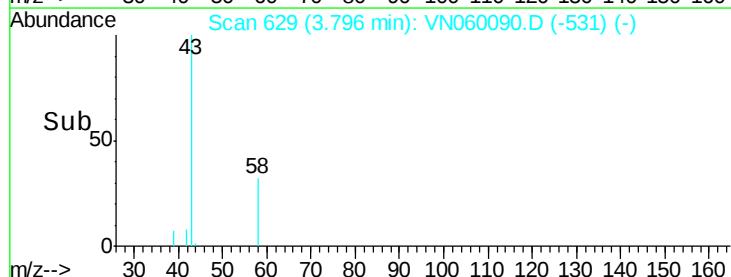
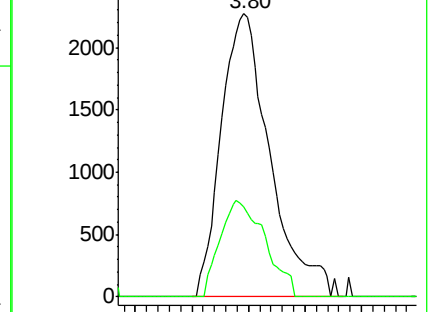
43 100

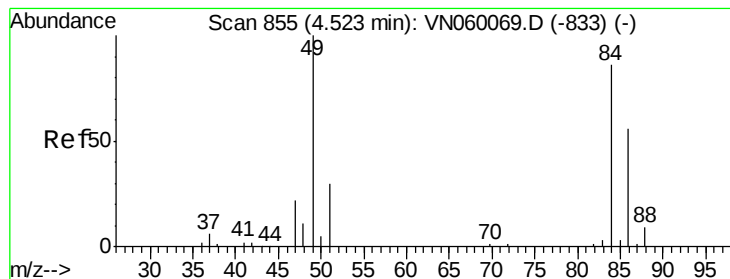
58 31.6 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 7.030 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN060090.D

Acq: 13 Feb 2020 13:28

Instrument :

MSVOA_N

ClientSampled :

AOC-3-SP-C

Tot Ion: 84 Resp: 15027

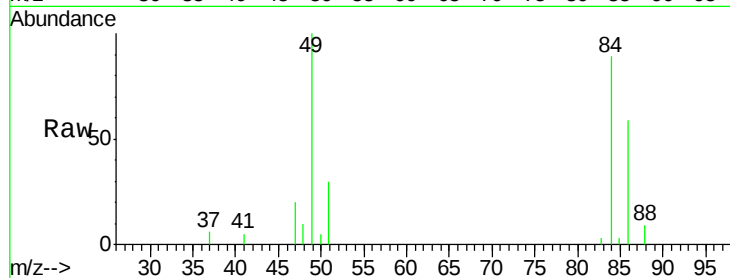
Ion Ratio Lower Upper

84 100

49 112.5 93.4 140.0

51 33.9 28.4 42.6

86 66.5 52.5 78.7

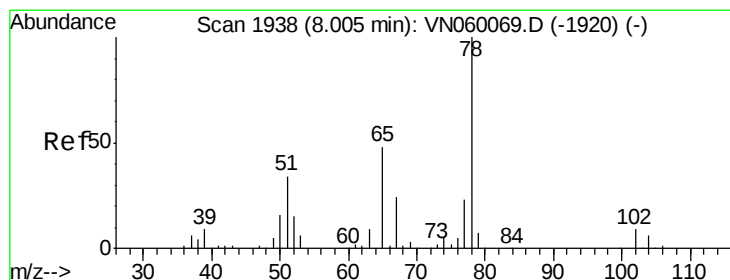
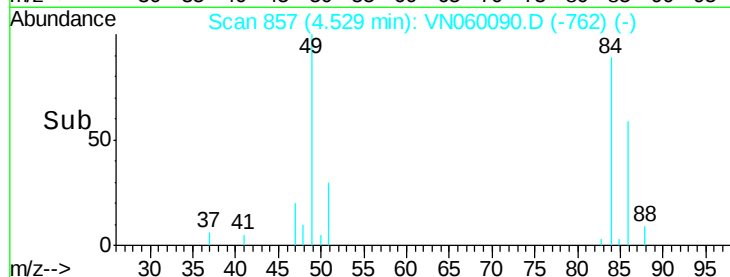
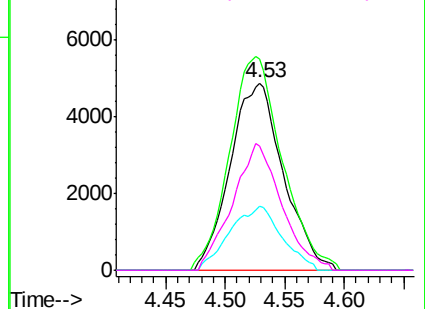


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 48.538 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060090.D

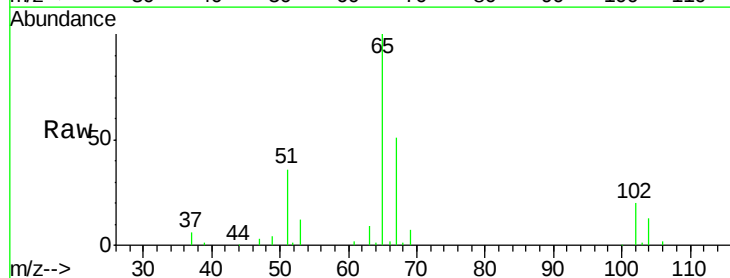
Acq: 13 Feb 2020 13:28

Tgt Ion: 65 Resp: 119215

Ion Ratio Lower Upper

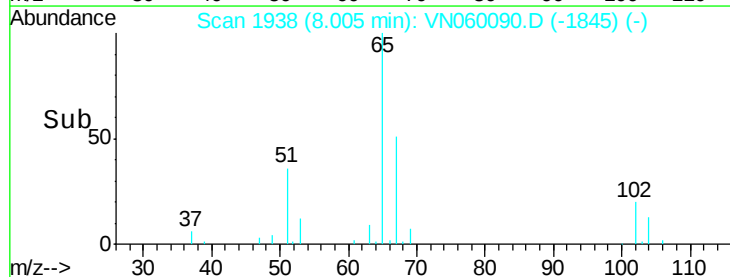
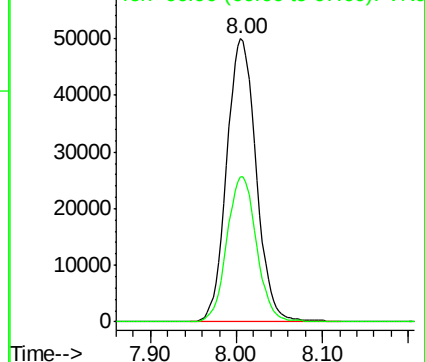
65 100

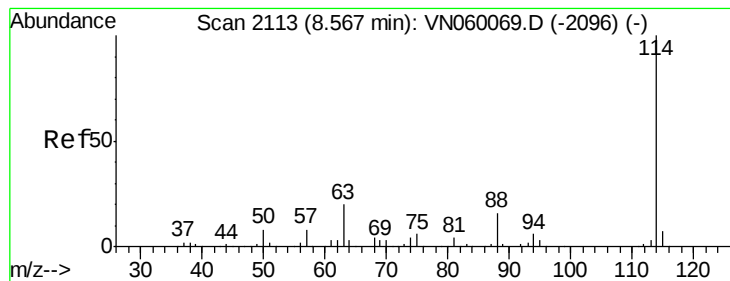
67 51.2 0.0 104.0



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: VN060090.D

Acq: 13 Feb 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

AOC-3-SP-C

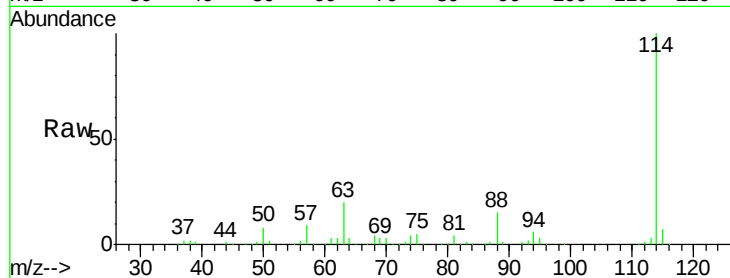
Tot Ion:114 Resp: 321420

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

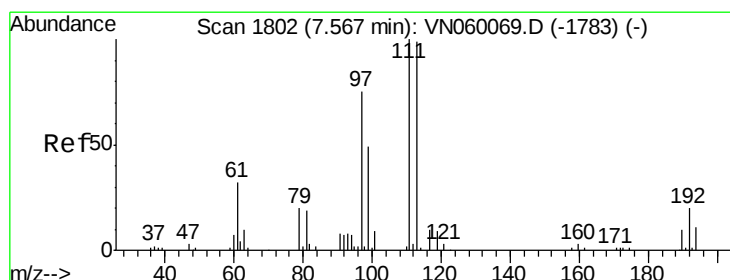
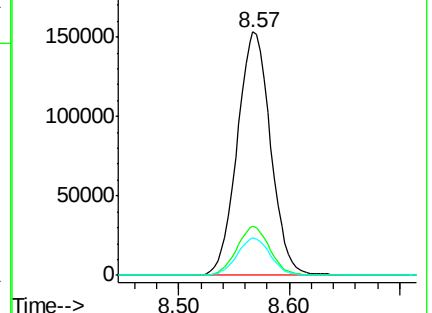
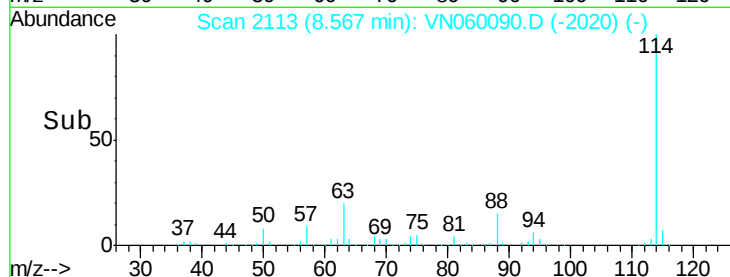
88 15.2 0.0 31.6



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: 49.096 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN060090.D

Acq: 13 Feb 2020 13:28

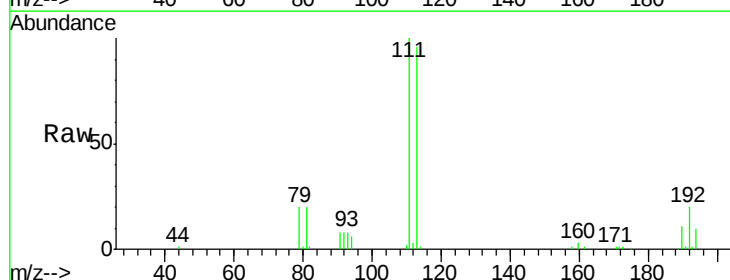
Tgt Ion:113 Resp: 97003

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.2

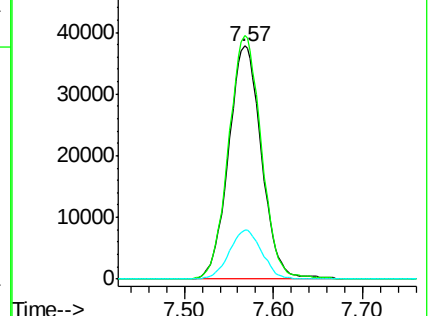
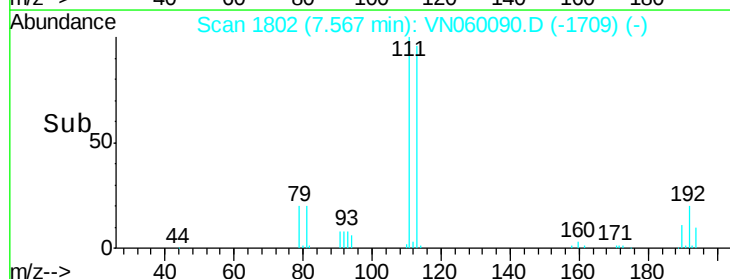
192 20.5 16.2 24.2

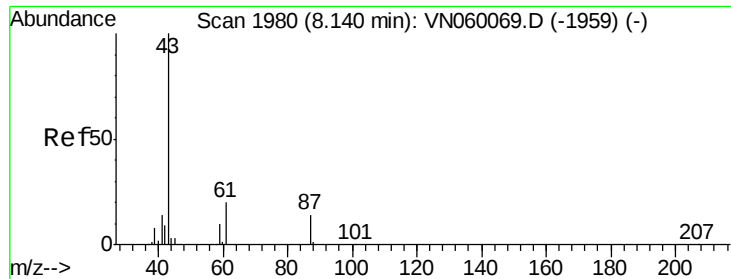


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.475 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060090.D

Acq: 13 Feb 2020 13:28

Instrument :

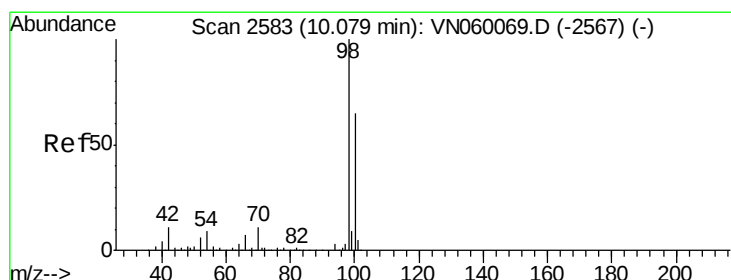
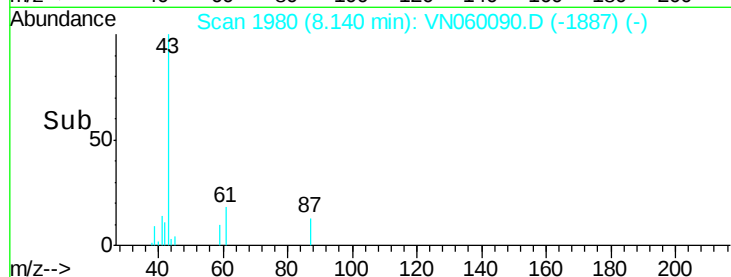
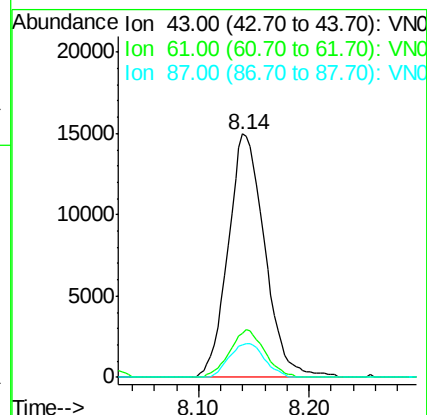
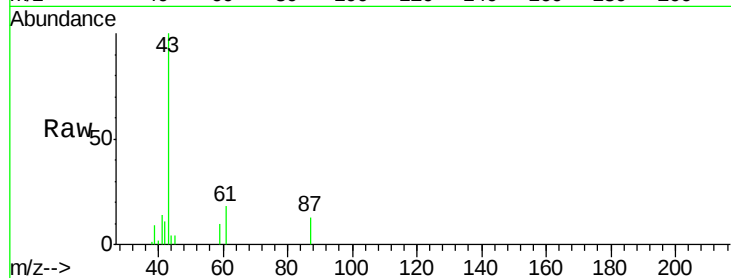
MSVOA_N

ClientSampleId :

AOC-3-SP-C

Tot Ion: 43 Resp: 34382

Ion	Ratio	Lower	Upper
43	100		
61	18.5	21.8	32.6#
87	13.3	11.4	17.2



#50

Toluene-d8

Concen: 50.523 ug/l

RT: 10.08 min Scan# 2583

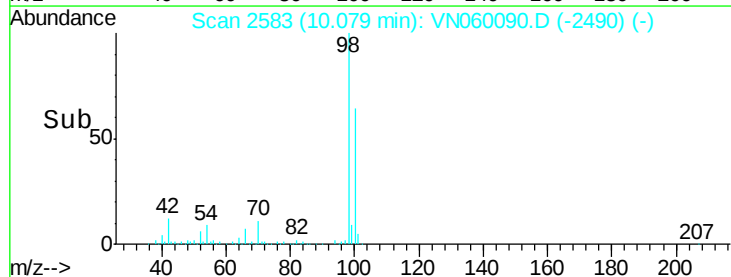
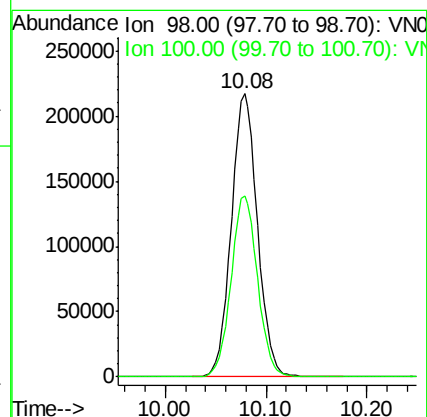
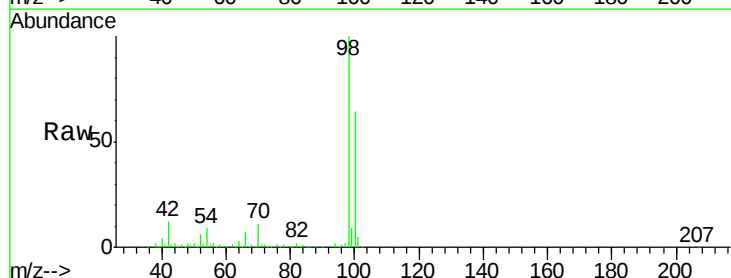
Delta R.T. -0.00 min

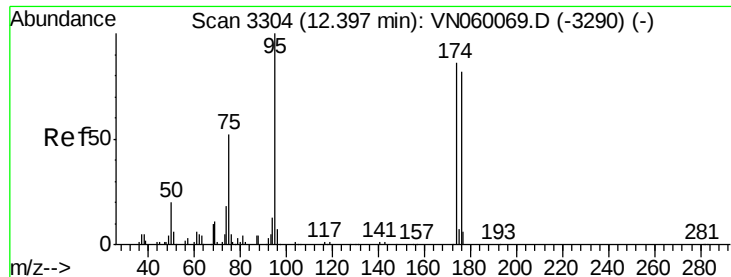
Lab File: VN060090.D

Acq: 13 Feb 2020 13:28

Tgt Ion: 98 Resp: 393091

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5

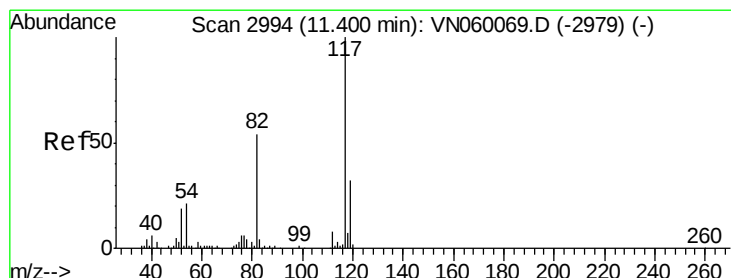
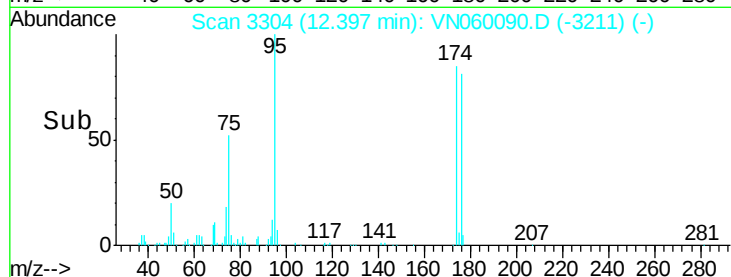
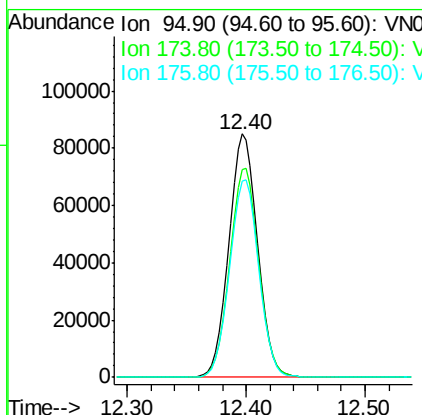
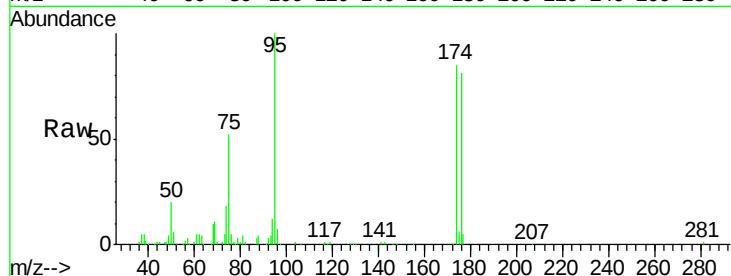




#62
4-Bromofluorobenzene
Concen: 49.571 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060090.D
Acq: 13 Feb 2020 13:28

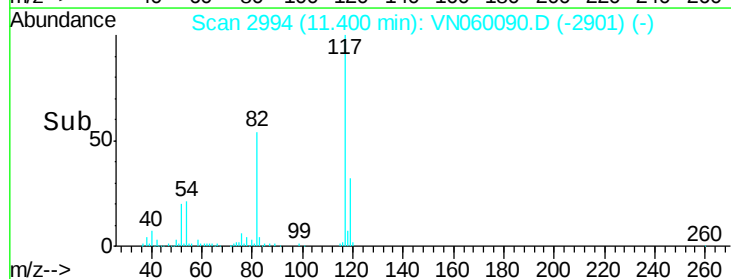
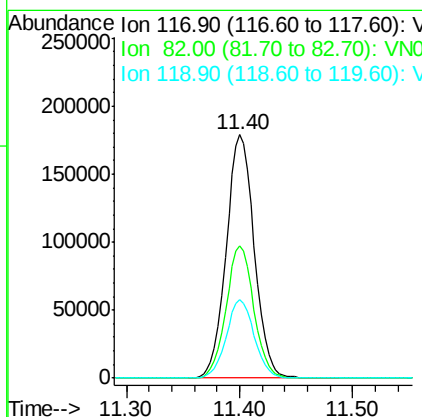
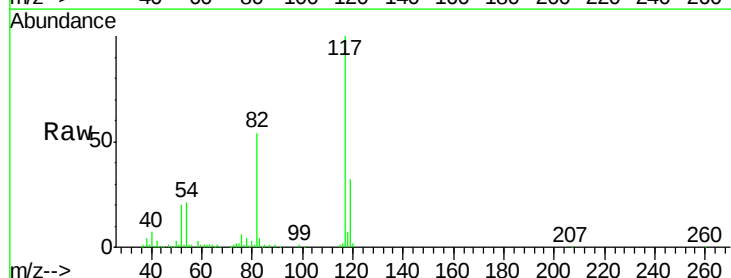
Instrument :
MSVOA_N
ClientSampled :
AOC-3-SP-C

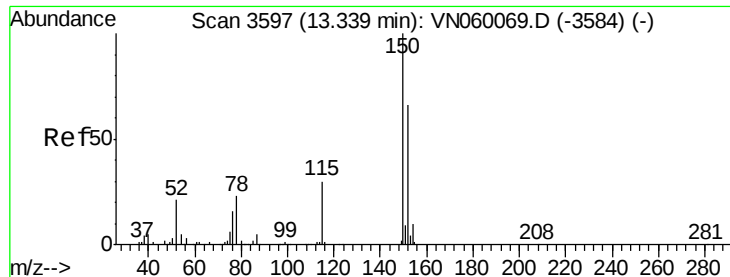
Tot Ion: 95 Resp: 141722
Ion Ratio Lower Upper
95 100
174 86.7 0.0 169.8
176 82.5 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060090.D
Acq: 13 Feb 2020 13:28

Tgt Ion: 117 Resp: 307531
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060090.D

Acq: 13 Feb 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

AOC-3-SP-C

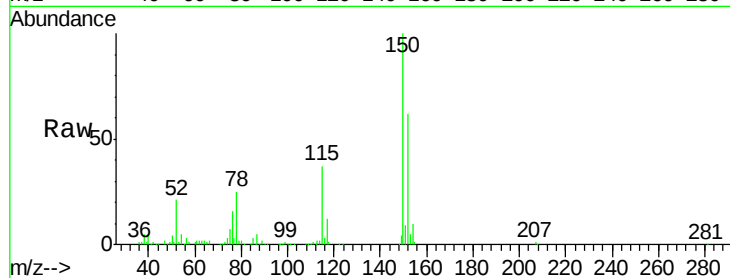
Tot Ion:152 Resp: 141583

Ion Ratio Lower Upper

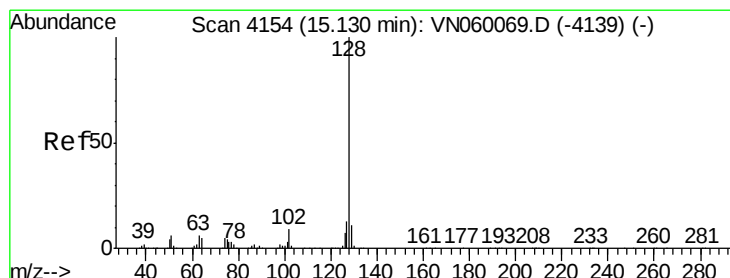
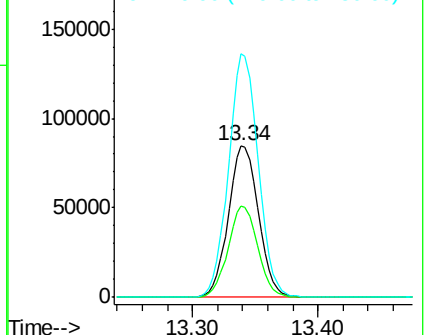
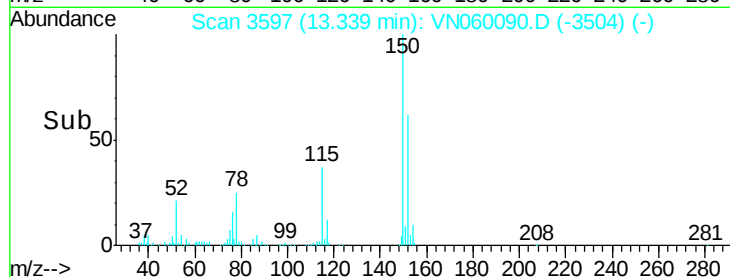
152 100

115 59.4 28.9 86.8

150 158.3 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: 5.103 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060090.D

Acq: 13 Feb 2020 13:28

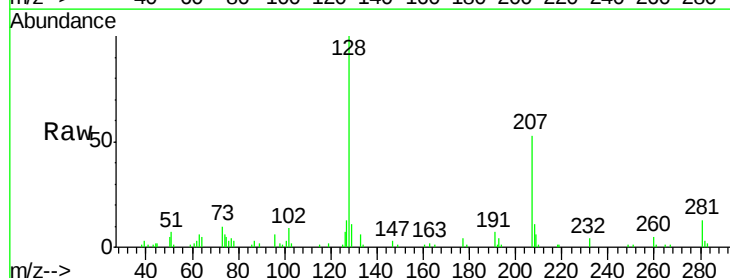
Tgt Ion:128 Resp: 36813

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

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

