

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060091.D
 Acq On : 13 Feb 2020 13:51
 Operator : JC/MD
 Sample : L1509-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 14 05:48:46 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

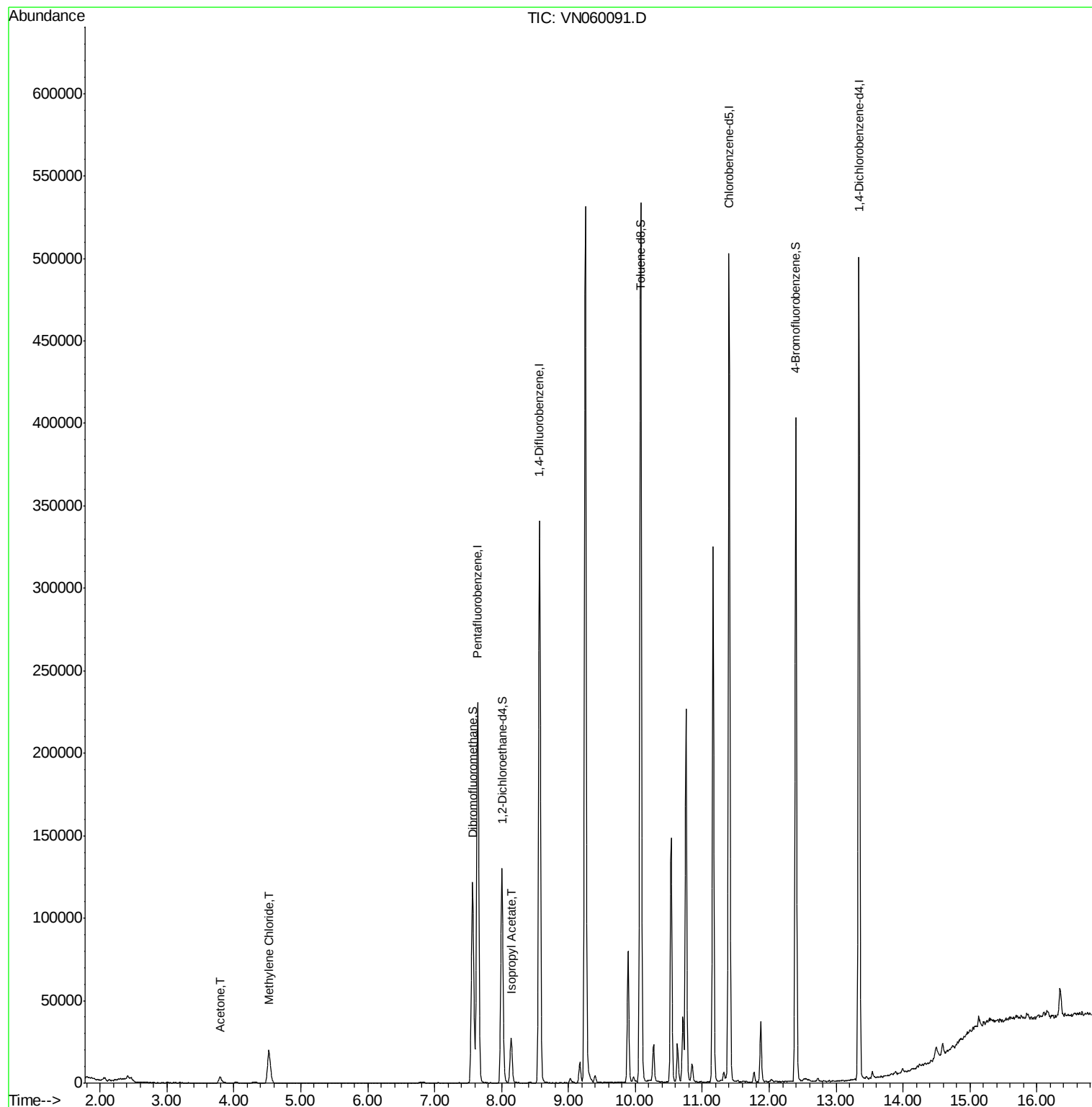
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	309717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	288745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	114636	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
35) Dibromofluoromethane	7.57	113	91620	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	10.08	98	373804	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	135970	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
Target Compounds						
16) Acetone	3.79	43	7082	6.844	ug/l	97
20) Methylene Chloride	4.52	84	15143	7.335	ug/l	96
43) Isopropyl Acetate	8.14	43	33304	7.515	ug/l #	90

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

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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: VN060091.D

Acq: 13 Feb 2020 13:51

Instrument :

MSVOA_N

ClientSampled :

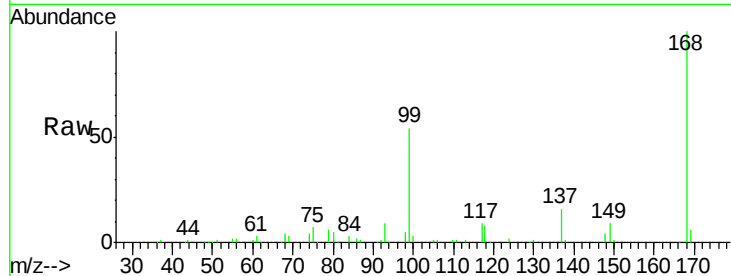
AOC-3-SP-D

Tot Ion:168 Resp: 194958

Ion Ratio Lower Upper

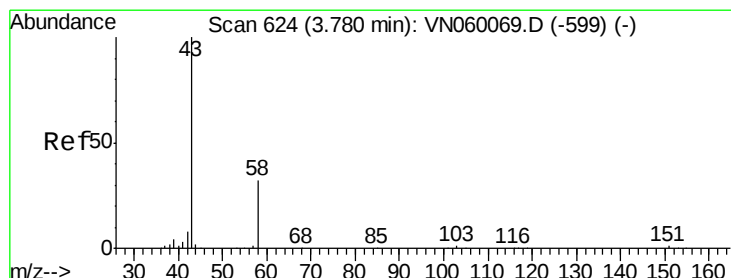
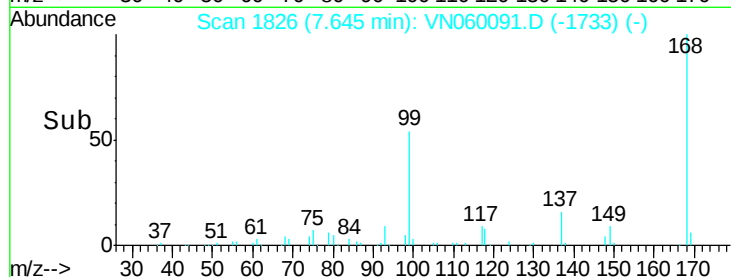
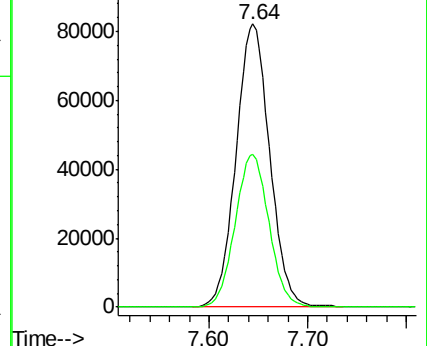
168 100

99 53.8 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.844 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060091.D

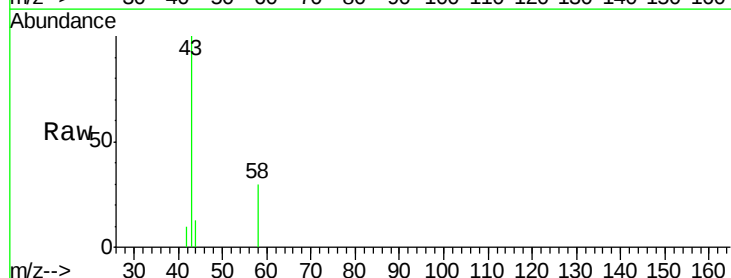
Acq: 13 Feb 2020 13:51

Tgt Ion: 43 Resp: 7082

Ion Ratio Lower Upper

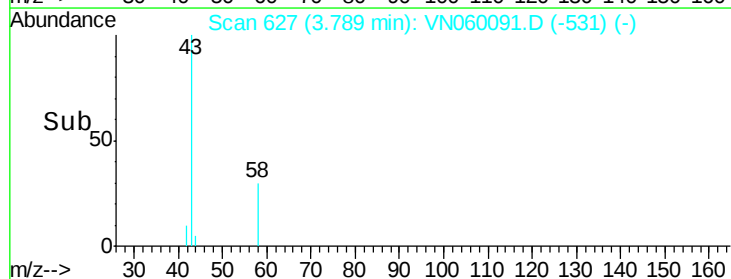
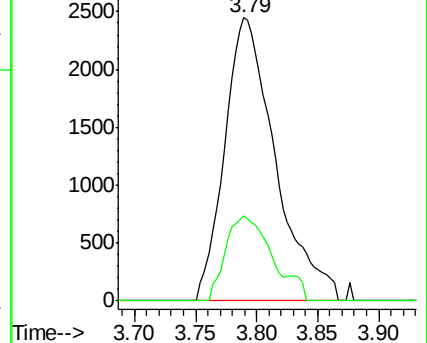
43 100

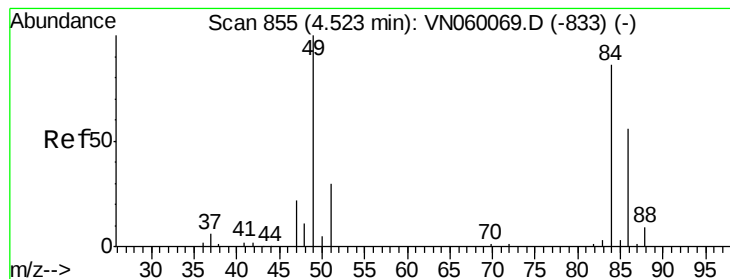
58 29.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 7.335 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060091.D

Acq: 13 Feb 2020 13:51

Instrument :

MSVOA_N

ClientSampled :

AOC-3-SP-D

Tot Ion: 84 Resp: 15143

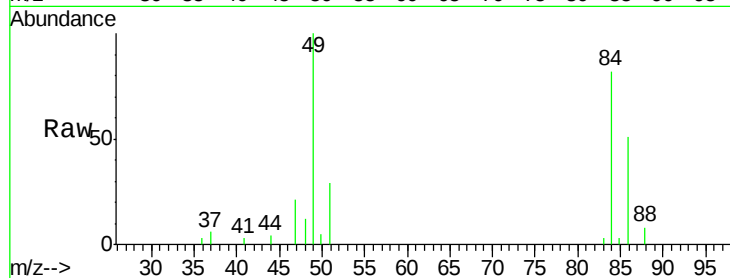
Ion Ratio Lower Upper

84 100

49 122.0 93.4 140.0

51 35.8 28.4 42.6

86 62.5 52.5 78.7

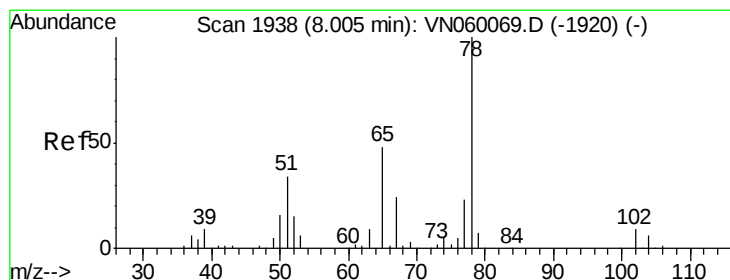
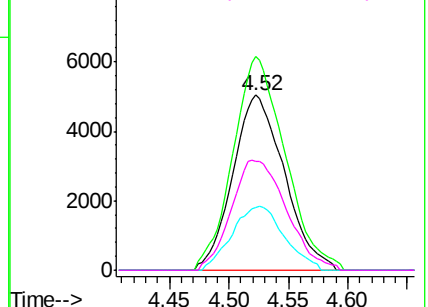
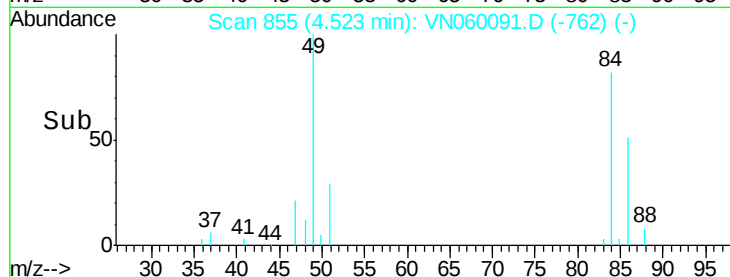


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 48.323 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060091.D

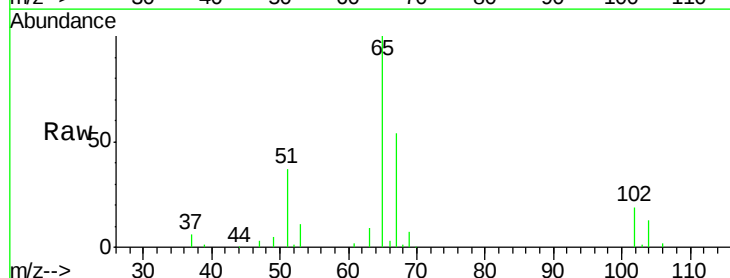
Acq: 13 Feb 2020 13:51

Tgt Ion: 65 Resp: 114636

Ion Ratio Lower Upper

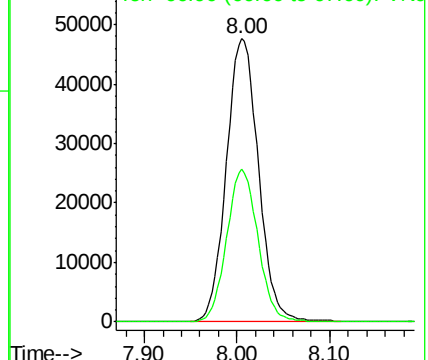
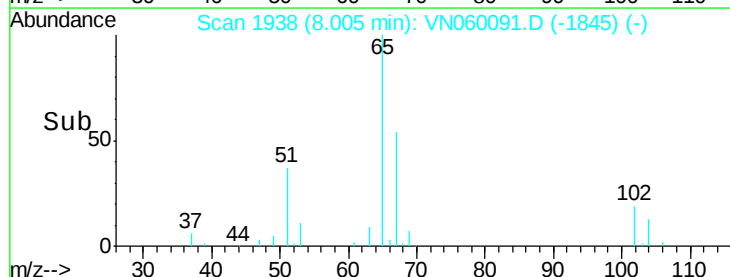
65 100

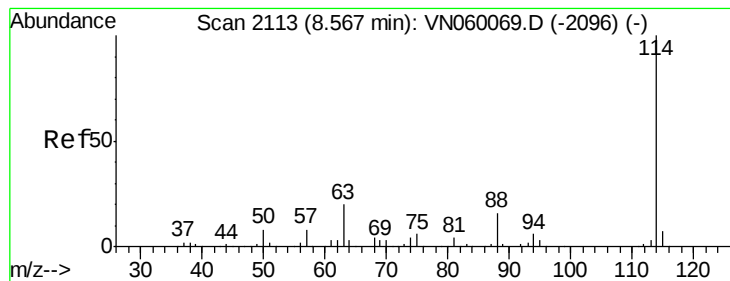
67 52.4 0.0 104.0



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: VN060091.D

Acq: 13 Feb 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

AOC-3-SP-D

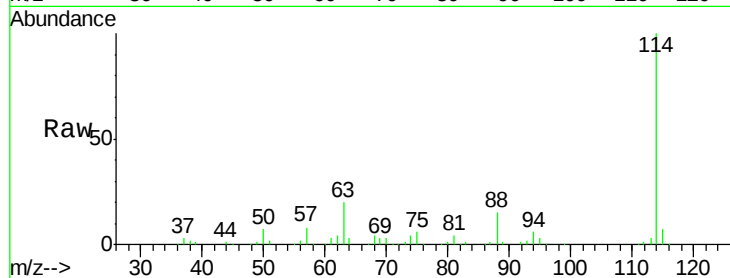
Tot Ion:114 Resp: 309717

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

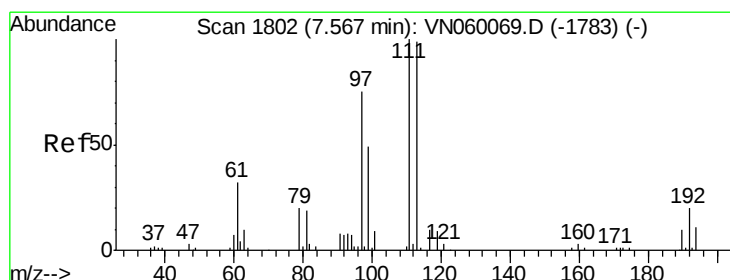
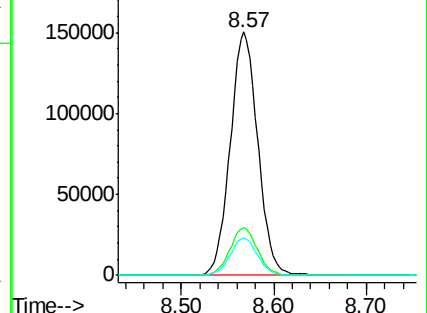
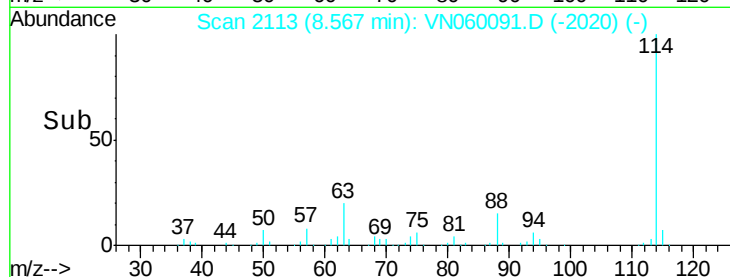
88 15.2 0.0 31.6



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: 48.124 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060091.D

Acq: 13 Feb 2020 13:51

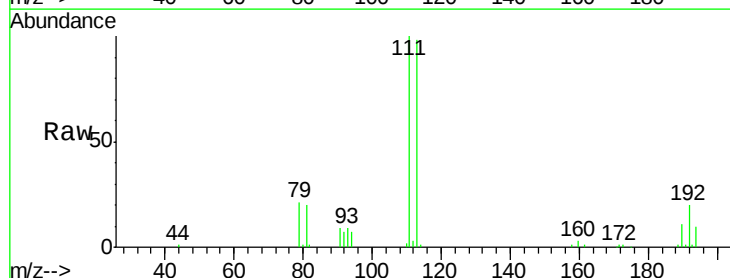
Tgt Ion:113 Resp: 91620

Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.2

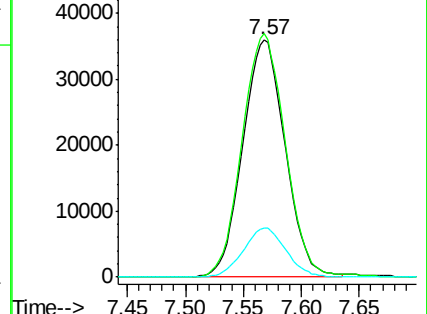
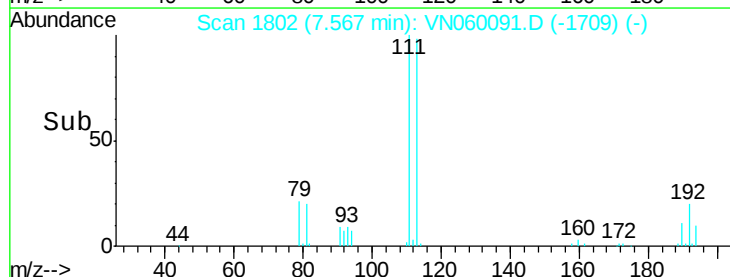
192 20.7 16.2 24.2

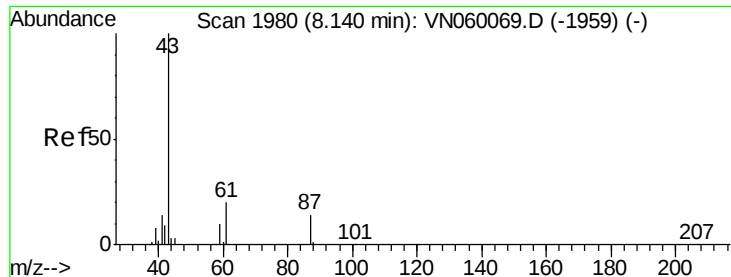


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.515 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060091.D

Acq: 13 Feb 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

AOC-3-SP-D

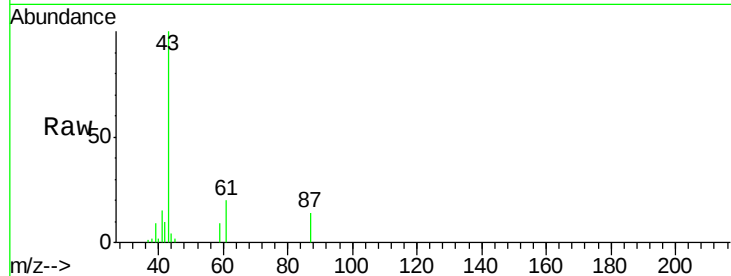
Tot Ion: 43 Resp: 33304

Ion Ratio Lower Upper

43 100

61 19.7 21.8 32.6#

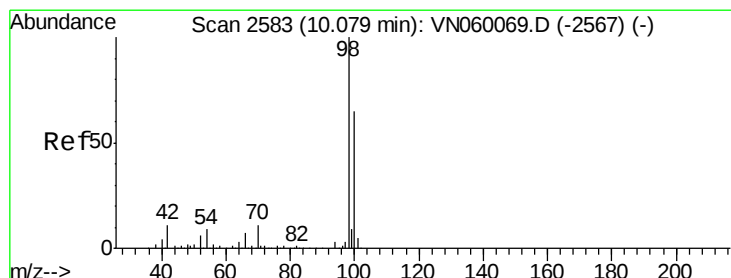
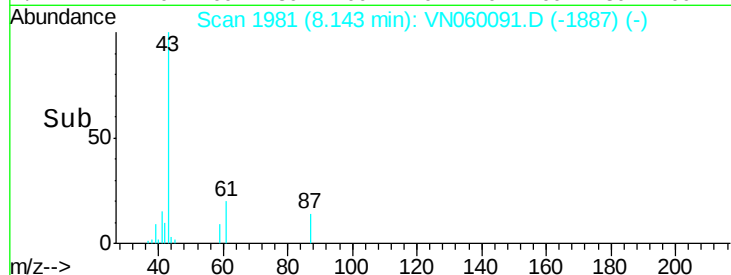
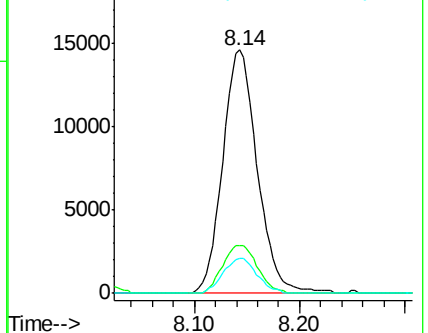
87 13.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#50

Toluene-d8

Concen: 49.859 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060091.D

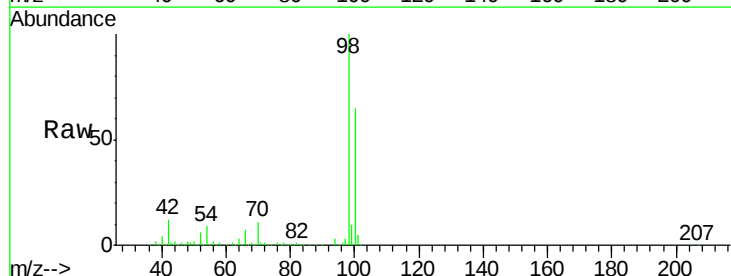
Acq: 13 Feb 2020 13:51

Tgt Ion: 98 Resp: 373804

Ion Ratio Lower Upper

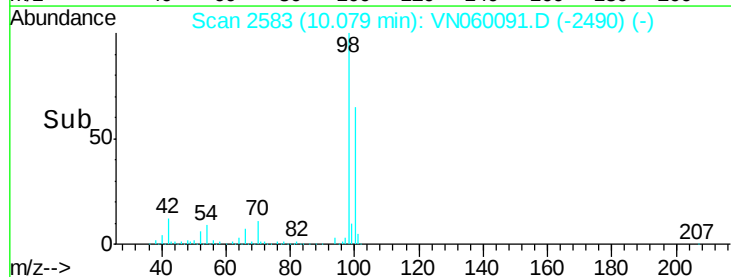
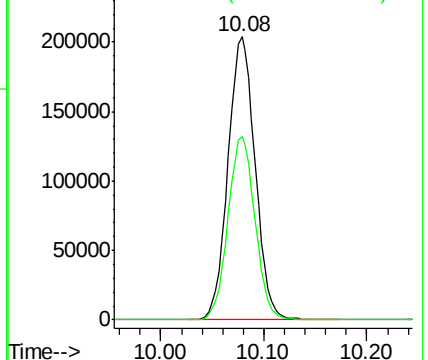
98 100

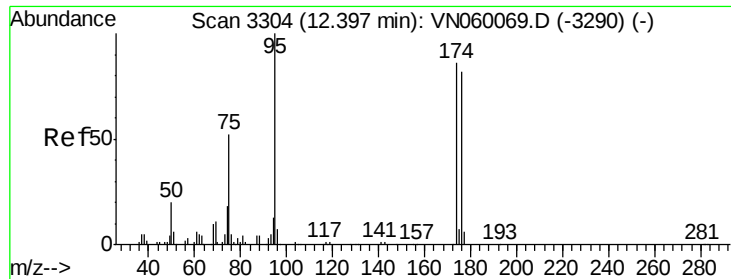
100 64.5 51.7 77.5



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

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





#62

4-Bromofluorobenzene

Concen: 49.356 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060091.D

Acq: 13 Feb 2020 13:51

Instrument :

MSVOA_N

ClientSampled :

AOC-3-SP-D

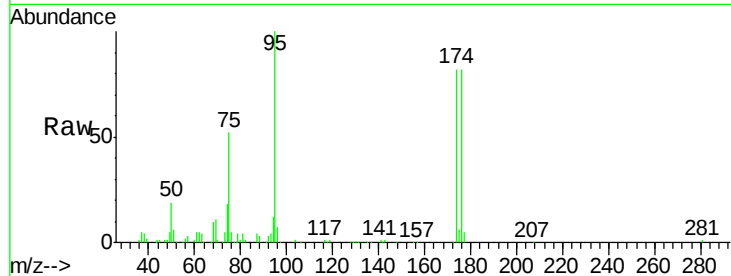
Tot Ion: 95 Resp: 135970

Ion Ratio Lower Upper

95 100

174 84.4 0.0 169.8

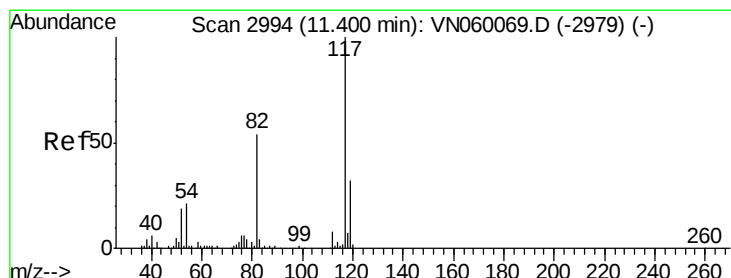
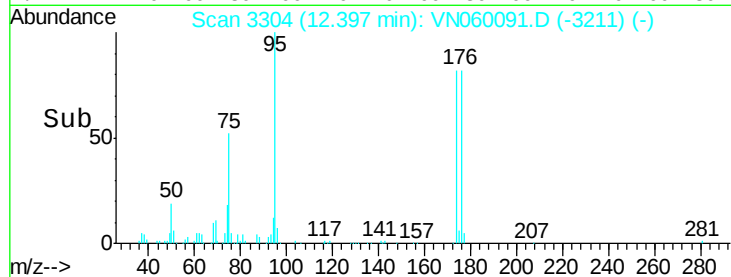
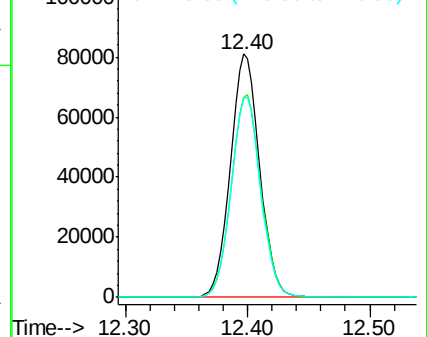
176 82.9 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060091.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060091.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060091.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060091.D

Acq: 13 Feb 2020 13:51

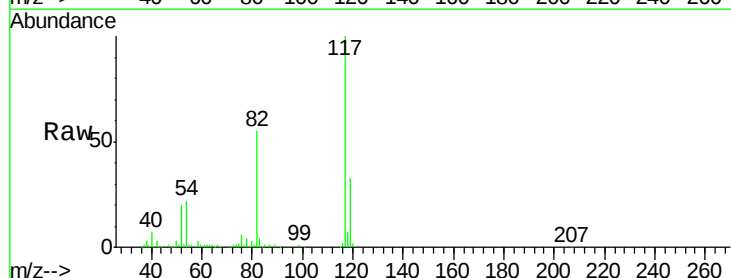
Tgt Ion: 117 Resp: 288745

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

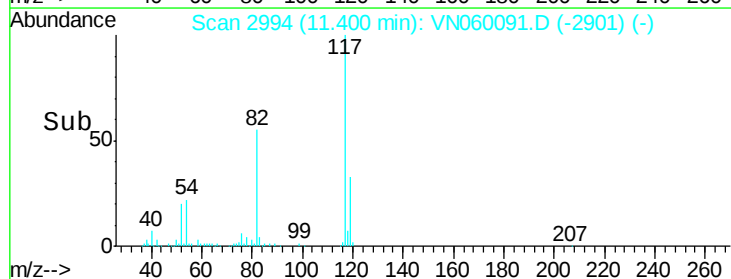
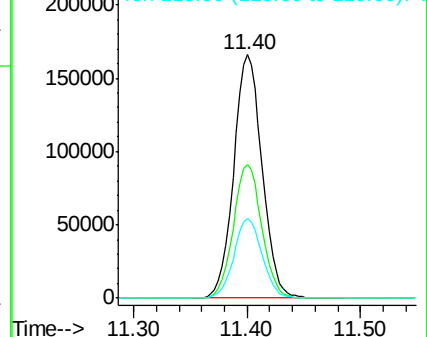
119 32.6 25.8 38.6

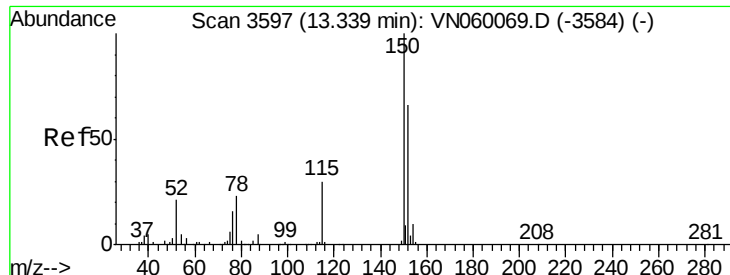


Abundance Ion 116.90 (116.60 to 117.60): VN060091.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060091.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060091.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060091.D

Acq: 13 Feb 2020 13:51

Instrument :

MSVOA_N

ClientSampleId :

AOC-3-SP-D

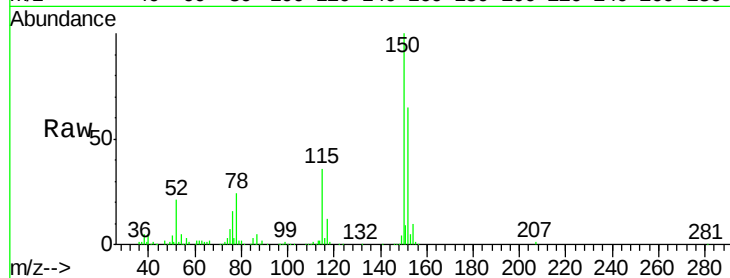
Tot Ion:152 Resp: 136765

Ion Ratio Lower Upper

152 100

115 57.1 28.9 86.8

150 156.0 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

