

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064384.D
 Acq On : 29 Oct 2020 19:19
 Operator : JC/MD
 Sample : L4227-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-102820

Quant Time: Oct 30 08:06:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

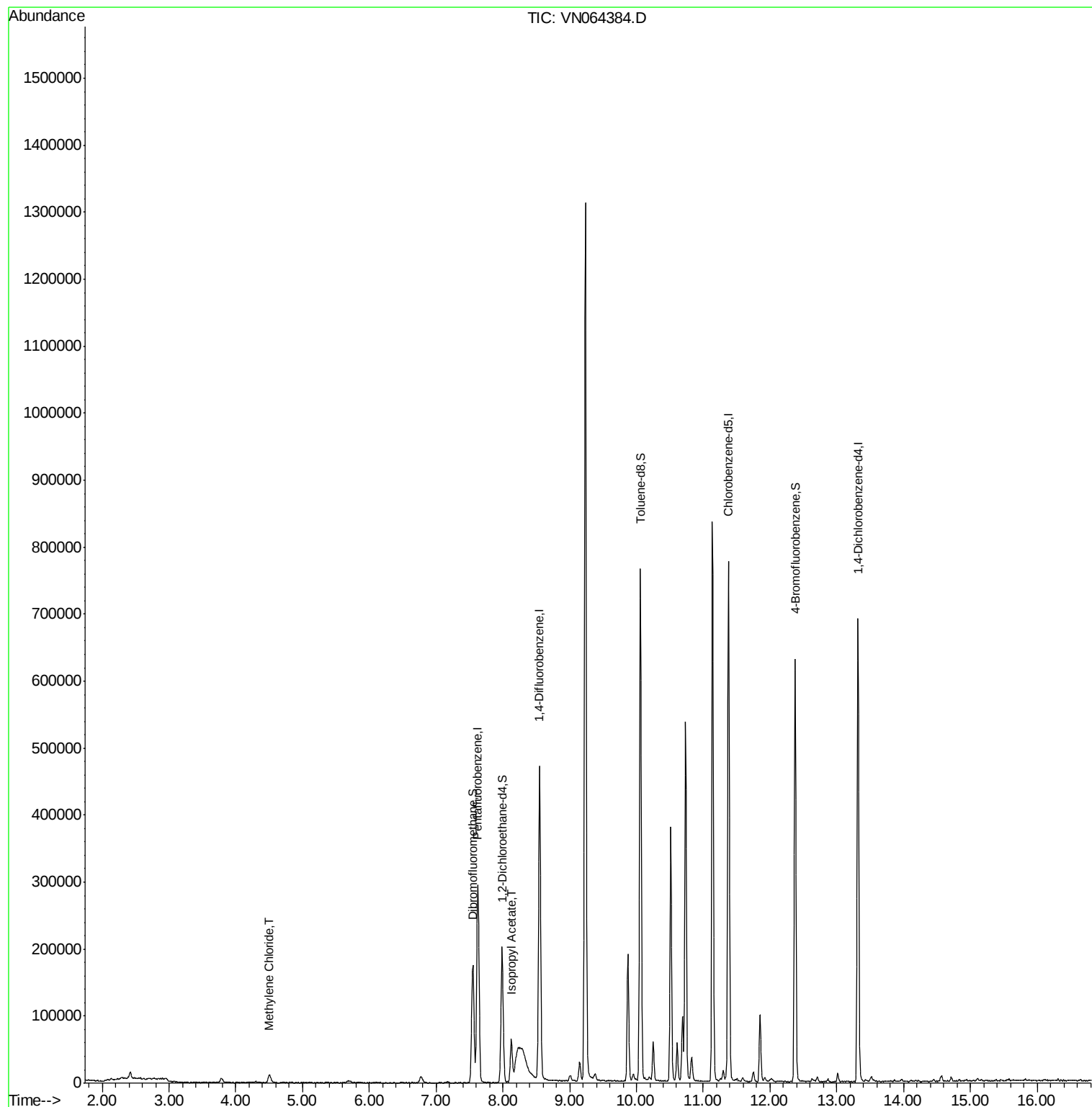
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	224140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	400934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	408071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	187737	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
35) Dibromofluoromethane	7.55	113	133019	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.06	98	500856	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.38	95	217169	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
Target Compounds						
20) Methylene Chloride	4.51	84	8864	3.470	ug/l #	93
43) Isopropyl Acetate	8.13	43	83151	11.901	ug/l #	89

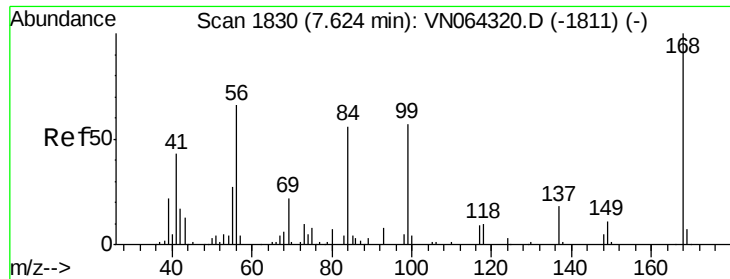
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064384.D

Acq: 29 Oct 2020 19:19

Instrument :

MSVOA_N

ClientSampled :

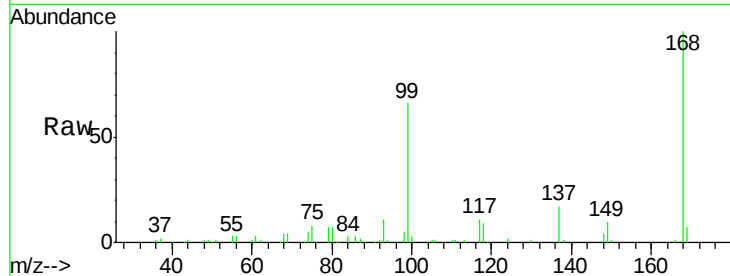
BU-02-102820

Tot Ion:168 Resp: 224140

Ion Ratio Lower Upper

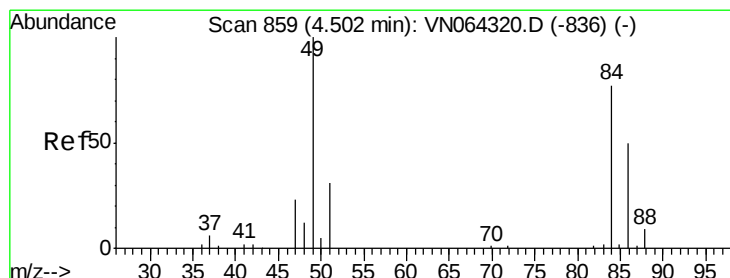
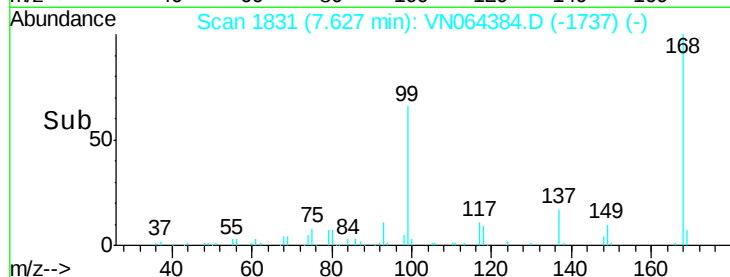
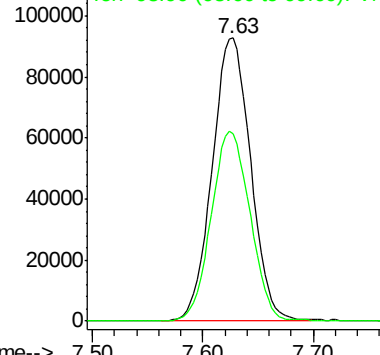
168 100

99 66.0 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 3.470 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN064384.D

Acq: 29 Oct 2020 19:19

Tgt Ion: 84 Resp: 8864

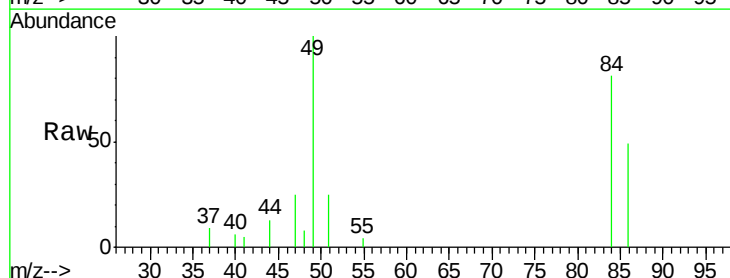
Ion Ratio Lower Upper

84 100

49 123.4 103.6 155.4

51 30.6 31.8 47.8#

86 60.3 51.3 76.9

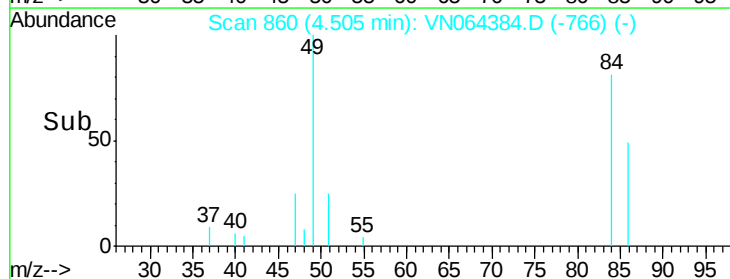
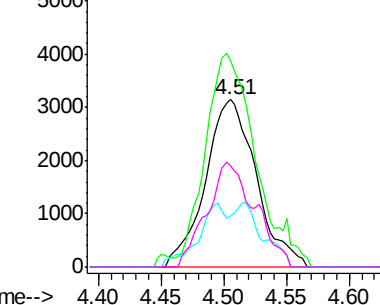


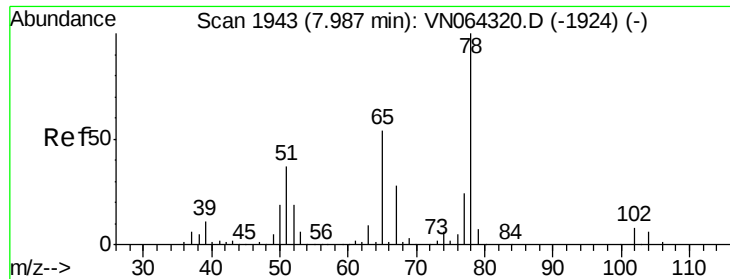
Abundance Ion 83.90 (83.60 to 84.60): VNO

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: 52.122 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064384.D

Acq: 29 Oct 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

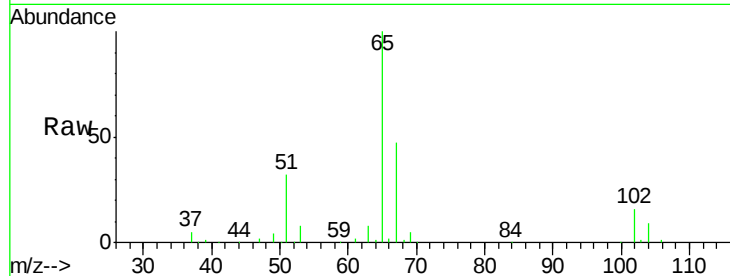
BU-02-102820

Tot Ion: 65 Resp: 187737

Ion Ratio Lower Upper

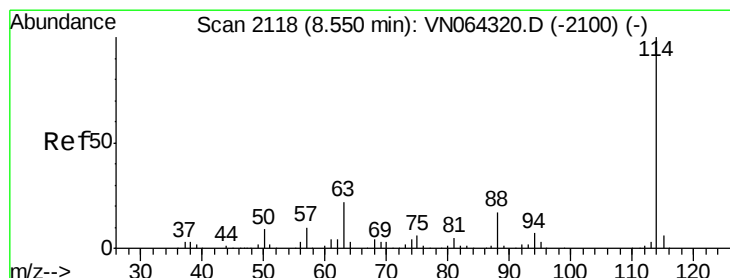
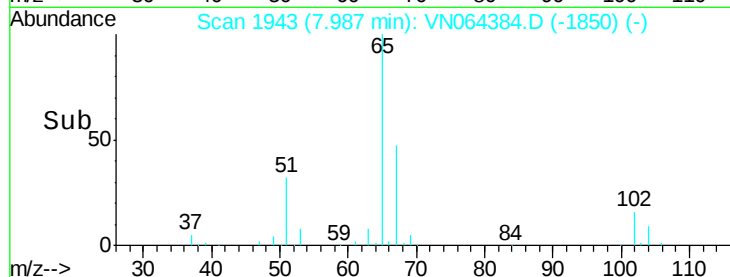
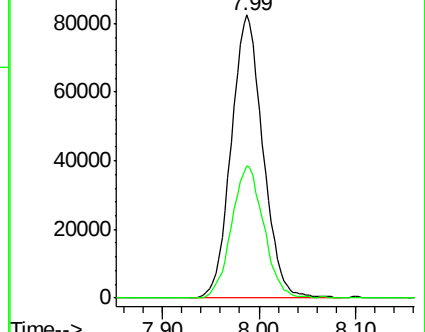
65 100

67 47.3 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN064384.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064384.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064384.D

Acq: 29 Oct 2020 19:19

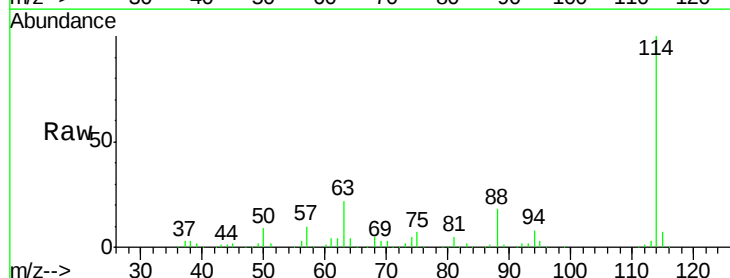
Tgt Ion: 114 Resp: 400934

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

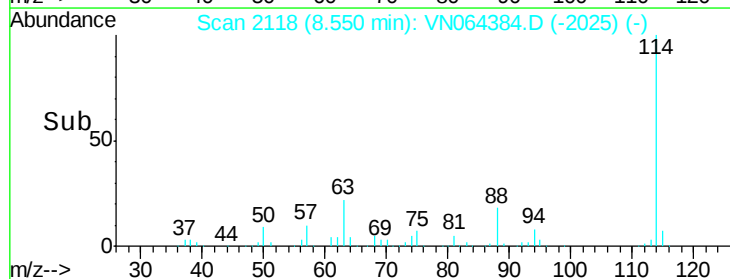
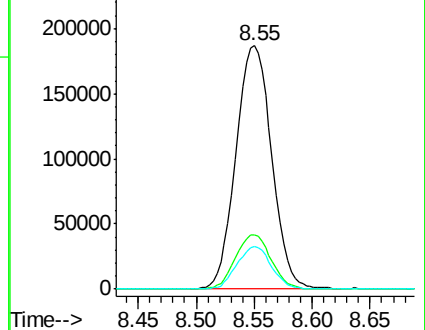
88 17.8 0.0 33.4

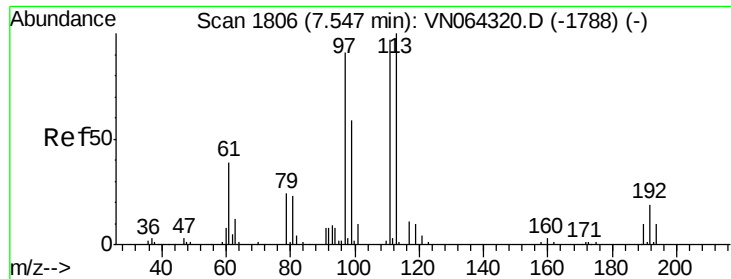


Abundance Ion 113.90 (113.60 to 114.60): VN064384.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064384.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064384.D (-2025) (-)

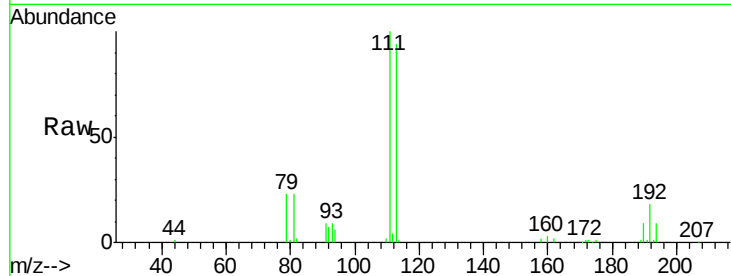




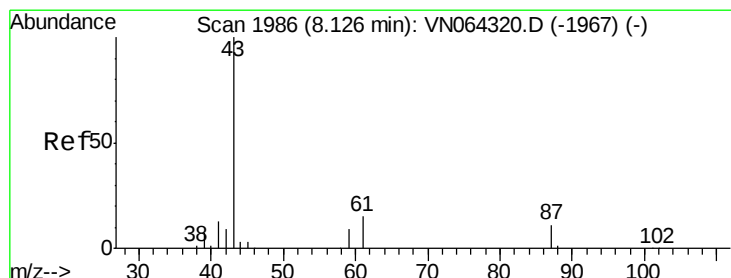
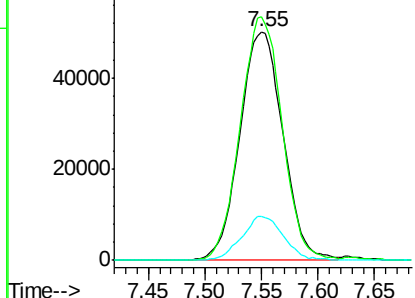
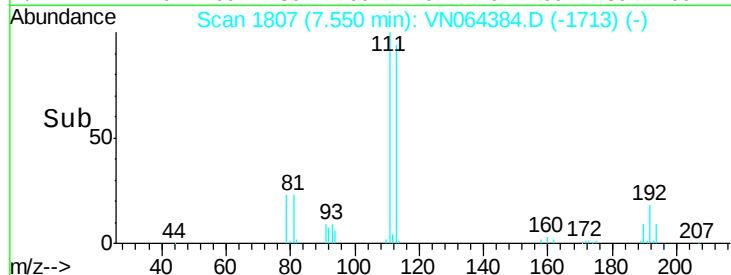
#35
 Dibromofluoromethane
 Concen: 49.750 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064384.D
 Acq: 29 Oct 2020 19:19

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-102820

Tot Ion:113 Resp: 133019
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.5 122.3
 192 18.6 15.0 22.4

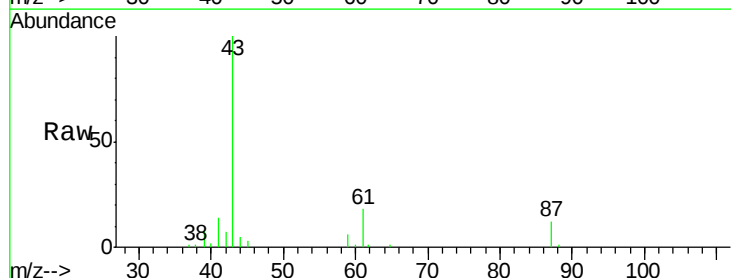


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

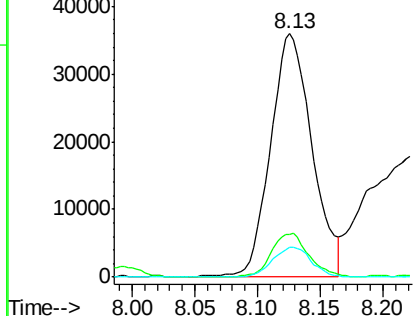
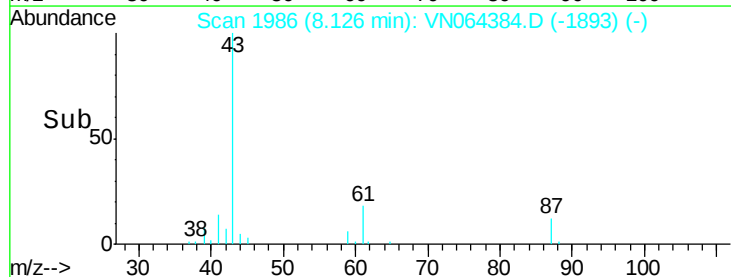


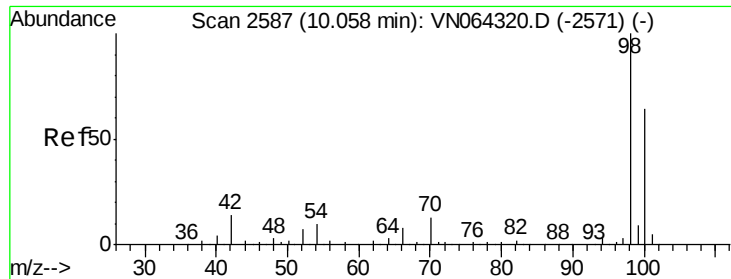
#43
 Isopropyl Acetate
 Concen: 11.901 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN064384.D
 Acq: 29 Oct 2020 19:19

Tgt Ion: 43 Resp: 83151
 Ion Ratio Lower Upper
 43 100
 61 16.2 19.1 28.7#
 87 11.4 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.644 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064384.D

Acq: 29 Oct 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

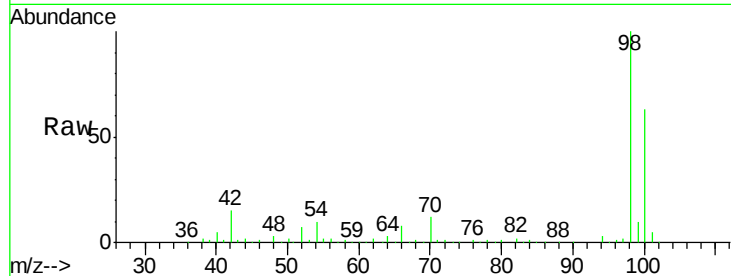
BU-02-102820

Tot Ion: 98 Resp: 500856

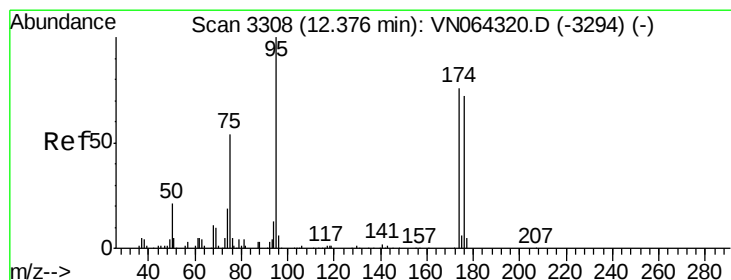
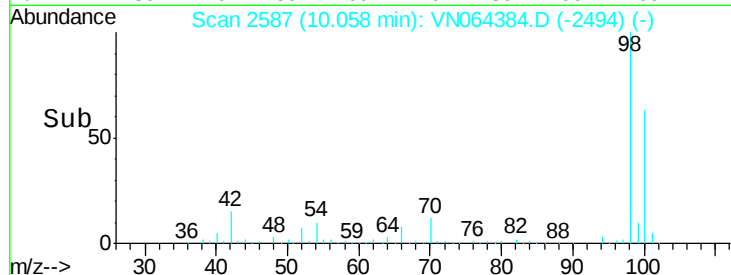
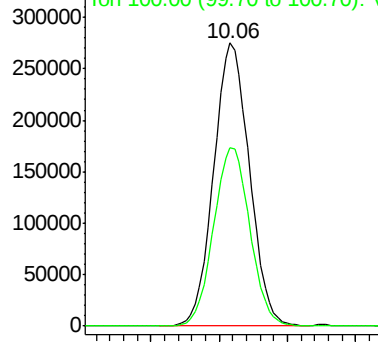
Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN064320.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 56.320 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064384.D

Acq: 29 Oct 2020 19:19

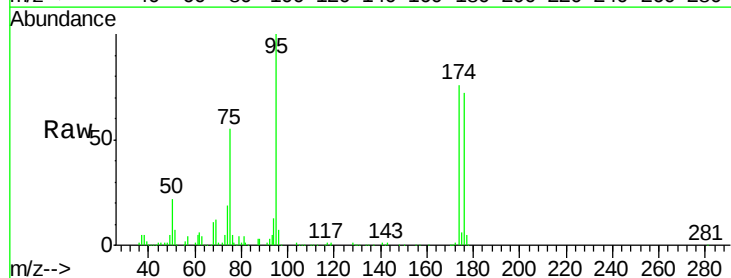
Tgt Ion: 95 Resp: 217169

Ion Ratio Lower Upper

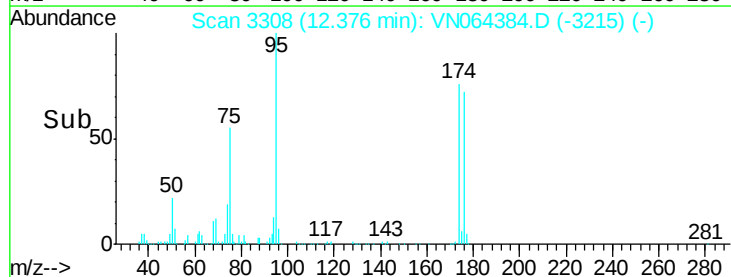
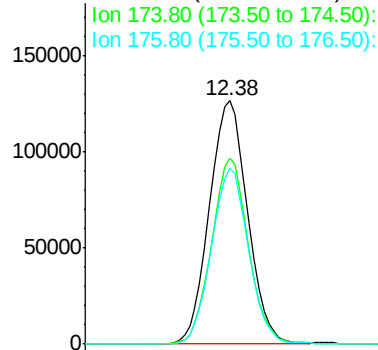
95 100

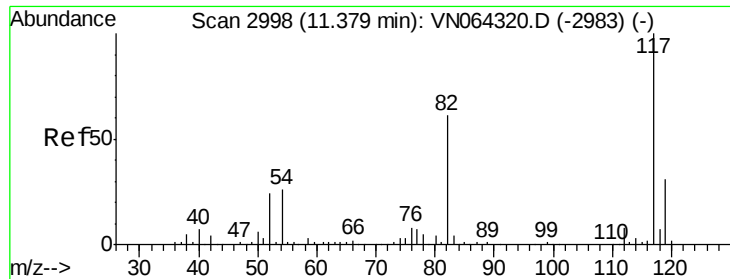
174 73.9 0.0 147.4

176 70.2 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VN064320.D (-3294) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064384.D

Acq: 29 Oct 2020 19:19

Instrument :

MSVOA_N

ClientSampleId :

BU-02-102820

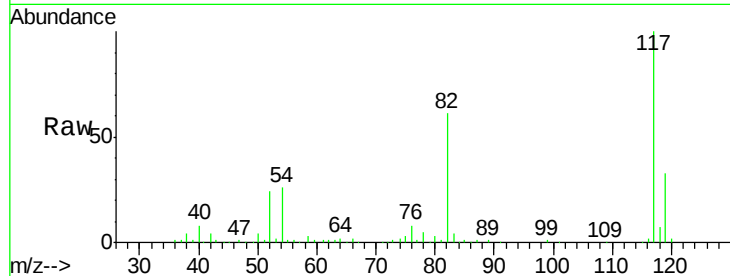
Tot Ion:117 Resp: 408071

Ion Ratio Lower Upper

117 100

82 60.9 48.8 73.2

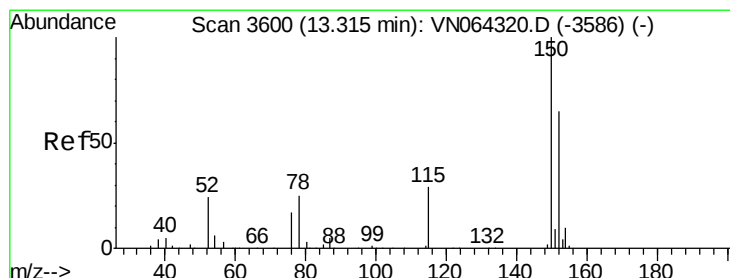
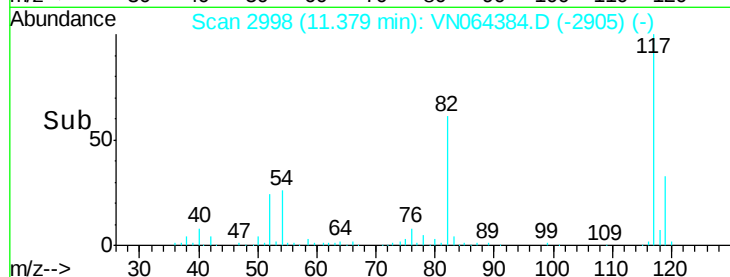
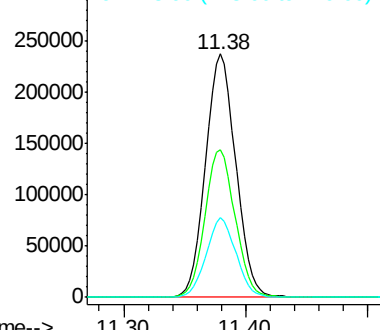
119 32.5 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064384.D

Acq: 29 Oct 2020 19:19

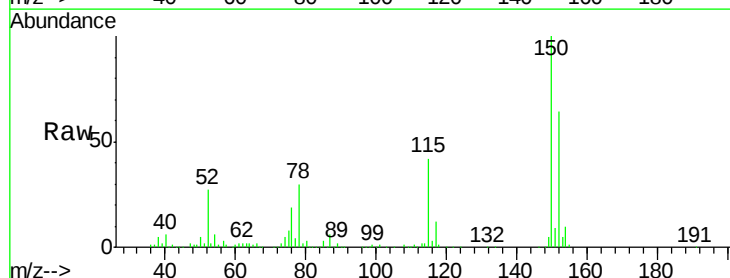
Tgt Ion:152 Resp: 172687

Ion Ratio Lower Upper

152 100

115 64.8 31.5 94.5

150 158.2 0.0 346.2



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

