

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064357.D
 Acq On : 28 Oct 2020 17:08
 Operator : JC/MD
 Sample : L4526-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-225

Quant Time: Oct 29 09:10:39 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

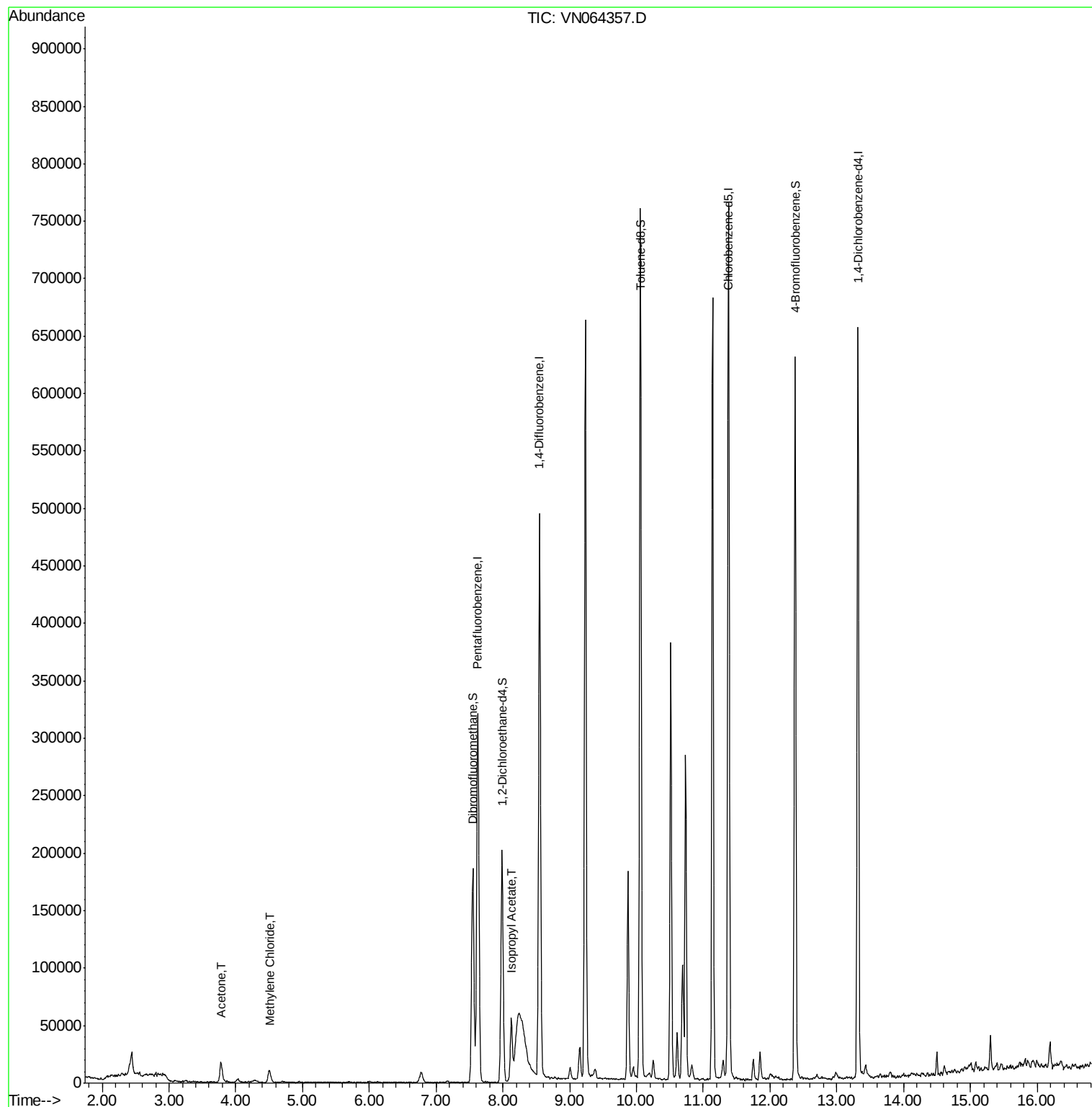
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	236105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	411782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186165	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	7.55	113	140250	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	10.06	98	511801	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.38	95	217449	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
Target Compounds						
16) Acetone	3.78	43	31661	17.649	ug/l	97
20) Methylene Chloride	4.51	84	7847	2.916	ug/l #	75
43) Isopropyl Acetate	8.13	43	70253	9.651	ug/l #	90

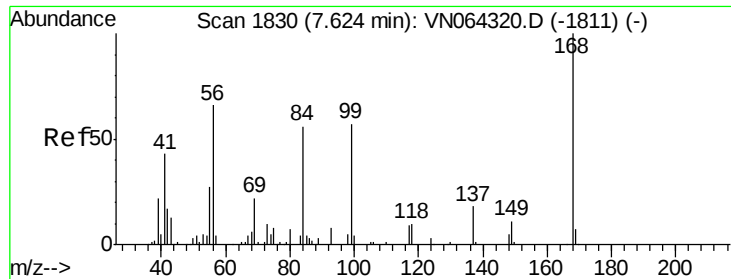
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064357.D

Acq: 28 Oct 2020 17:08

Instrument :

MSVOA_N

ClientSampleId :

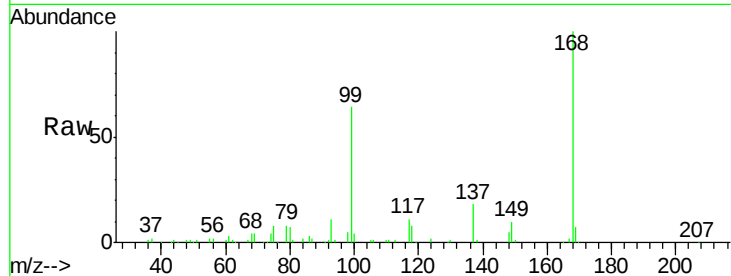
VNJ-225

Tot Ion:168 Resp: 236105

Ion Ratio Lower Upper

168 100

99 64.0 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

60000

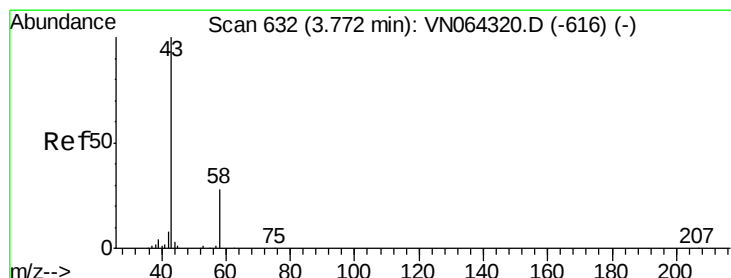
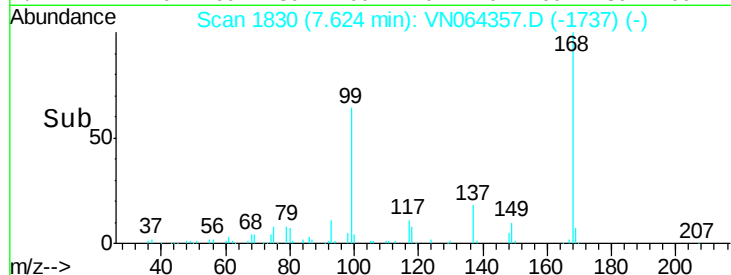
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 17.649 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064357.D

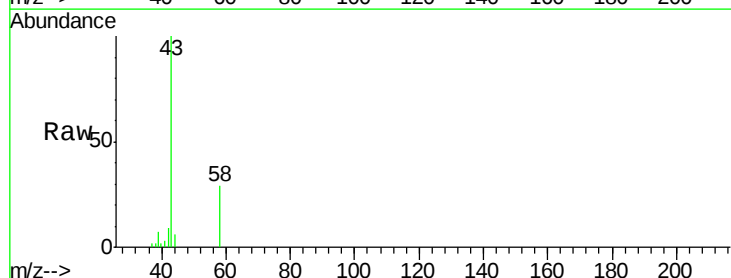
Acq: 28 Oct 2020 17:08

Tgt Ion: 43 Resp: 31661

Ion Ratio Lower Upper

43 100

58 29.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

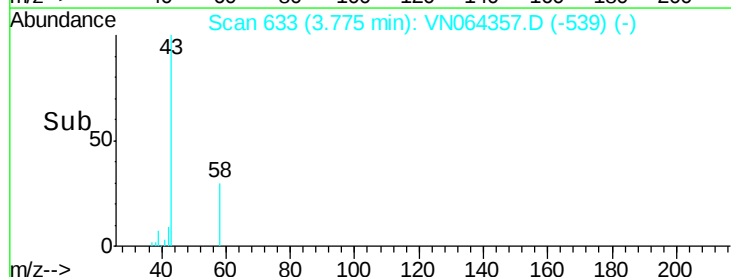
10000

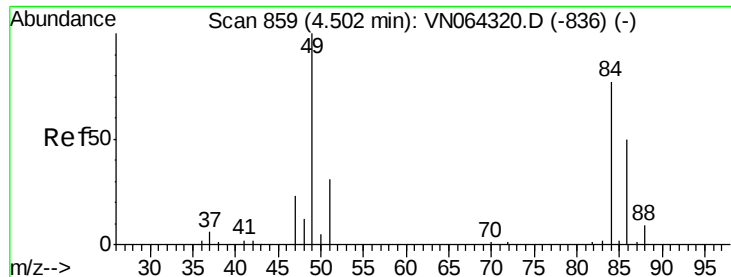
5000

0

Time-->

3.70 3.75 3.80 3.85

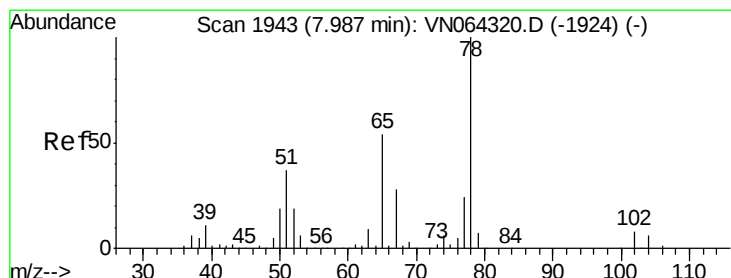
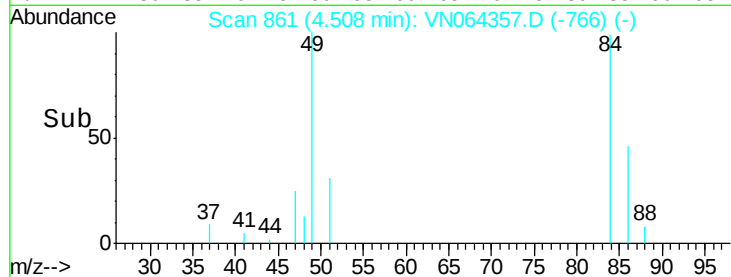
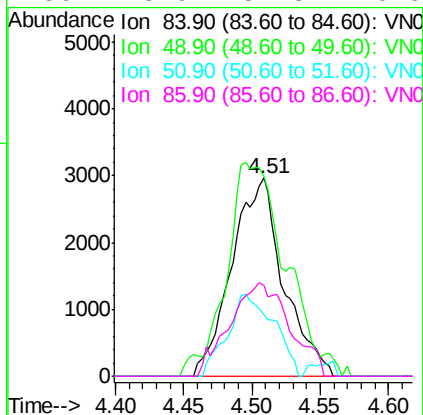
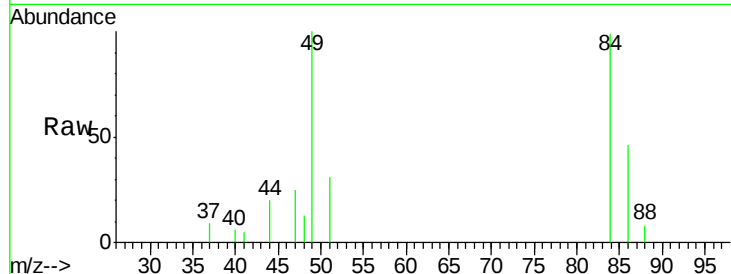




#20
Methvlene Chloride
Concen: 2.916 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

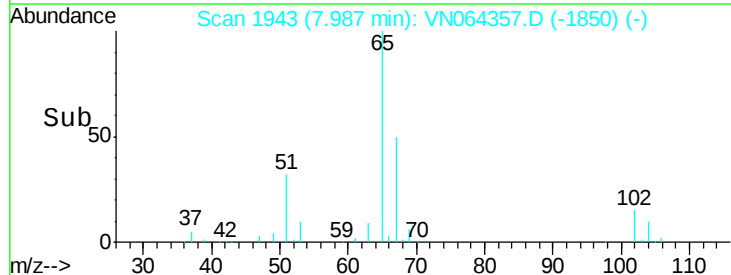
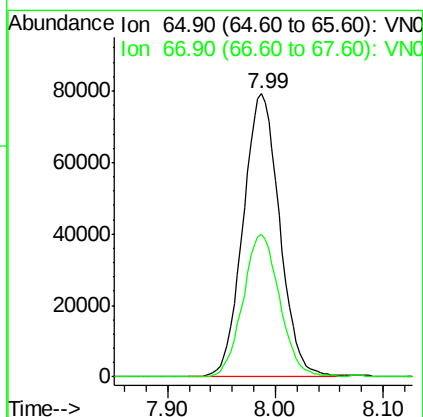
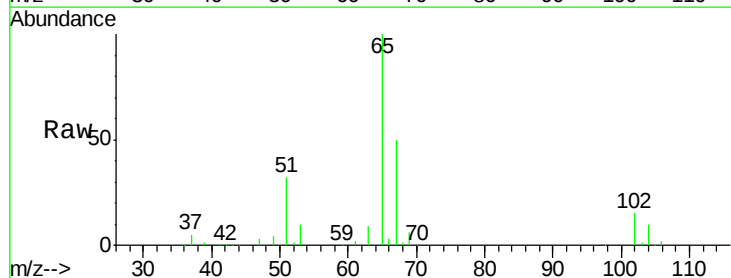
Instrument :
MSVOA_N
ClientSampleId :
VNJ-225

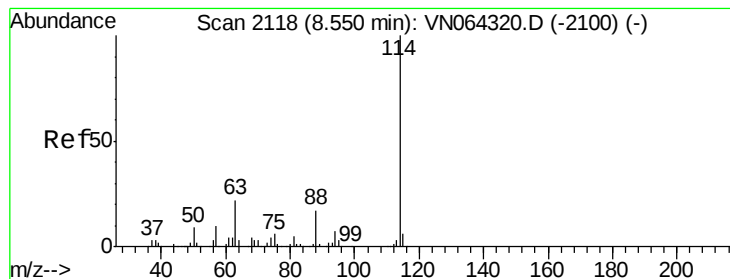
Tot Ion: 84 Resp: 7847
Ion Ratio Lower Upper
84 100
49 95.3 103.6 155.4#
51 30.8 31.8 47.8#
86 45.9 51.3 76.9#



#33
1,2-Dichloroethane-d4
Concen: 49.066 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064357.D
Acq: 28 Oct 2020 17:08

Tgt Ion: 65 Resp: 186165
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064357.D

Acq: 28 Oct 2020 17:08

Instrument :

MSVOA_N

ClientSampleId :

VNJ-225

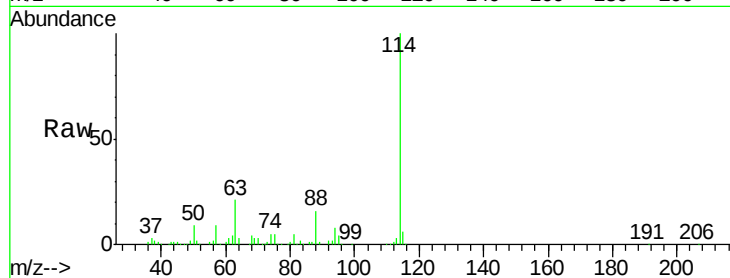
Tot Ion:114 Resp: 417733

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

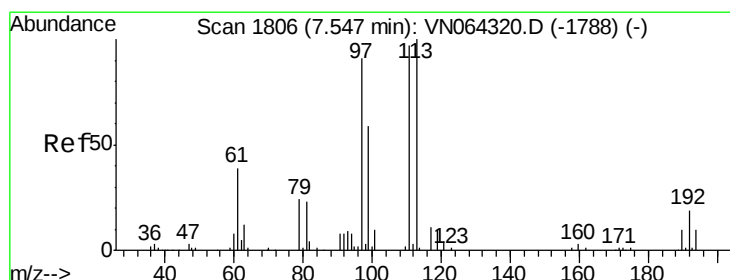
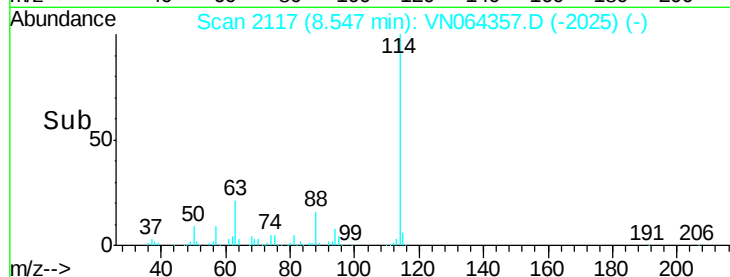
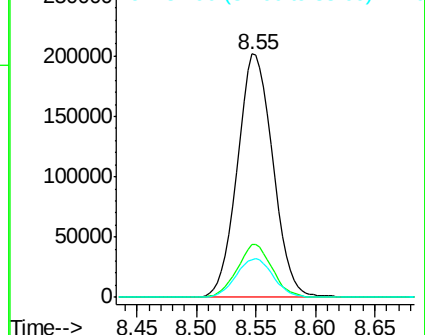
88 15.6 0.0 33.4



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: 50.345 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064357.D

Acq: 28 Oct 2020 17:08

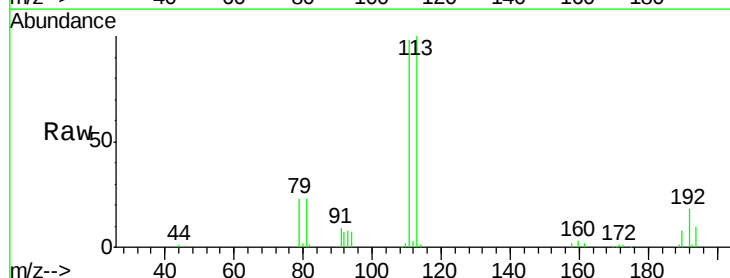
Tgt Ion:113 Resp: 140250

Ion Ratio Lower Upper

113 100

111 99.8 81.5 122.3

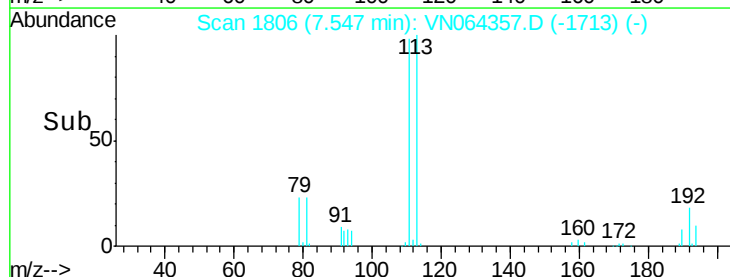
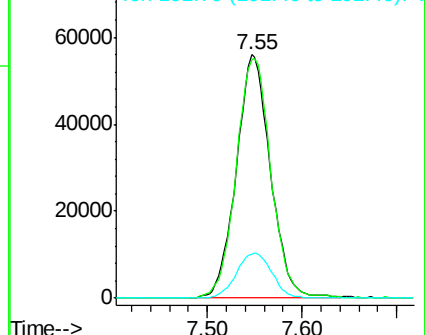
192 19.2 15.0 22.4

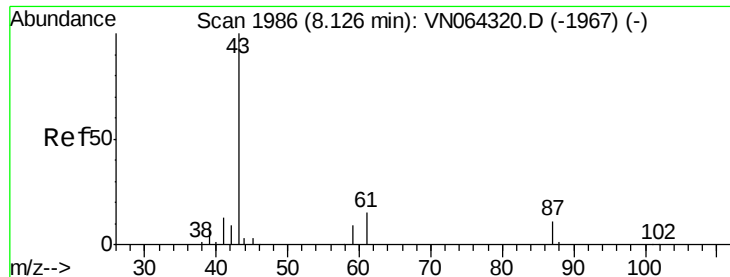


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.651 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064357.D

Acq: 28 Oct 2020 17:08

Instrument :

MSVOA_N

ClientSampleId :

VNJ-225

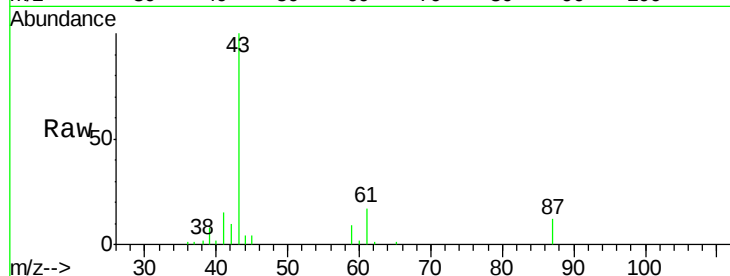
Tot Ion: 43 Resp: 70253

Ion Ratio Lower Upper

43 100

61 16.7 19.1 28.7#

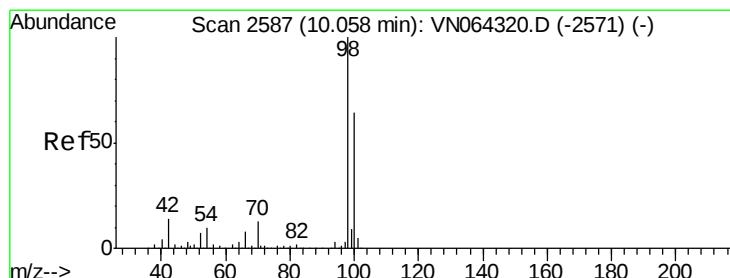
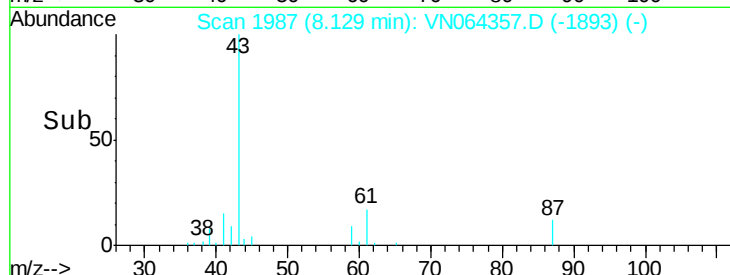
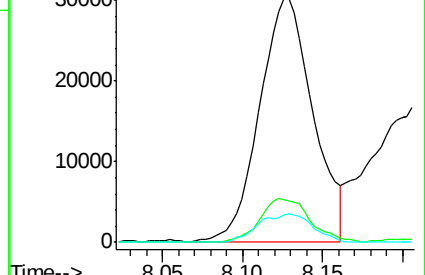
87 11.8 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN064320.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN064320.D (-1967) (-)



#50

Toluene-d8

Concen: 49.669 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064357.D

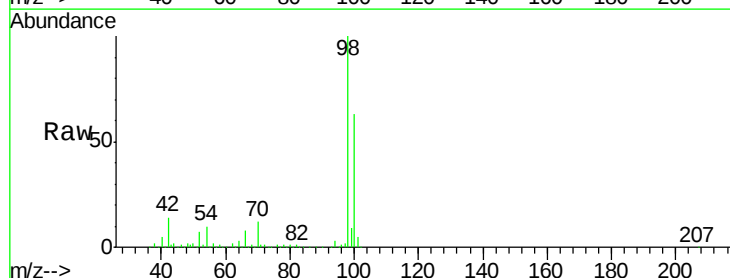
Acq: 28 Oct 2020 17:08

Tgt Ion: 98 Resp: 511801

Ion Ratio Lower Upper

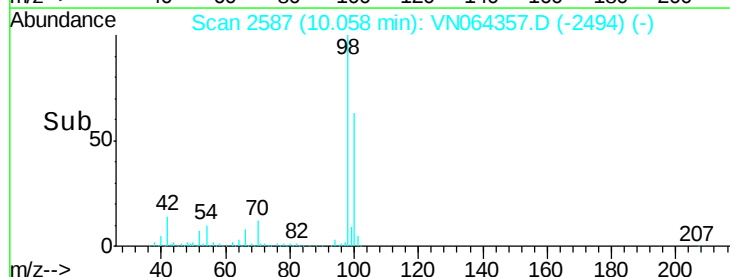
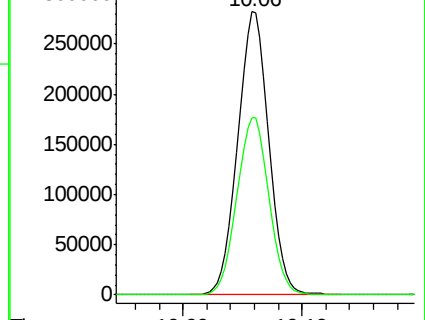
98 100

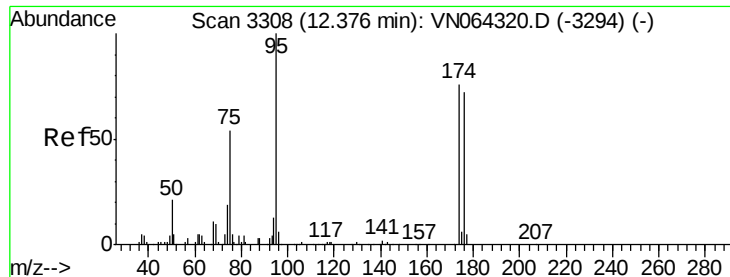
100 64.3 50.9 76.3



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

Ion 100.00 (99.70 to 100.70): VN064320.D (-2571) (-)





#62

4-Bromofluorobenzene

Concen: 54.125 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064357.D

Acq: 28 Oct 2020 17:08

Instrument :

MSVOA_N

ClientSampleId :

VNJ-225

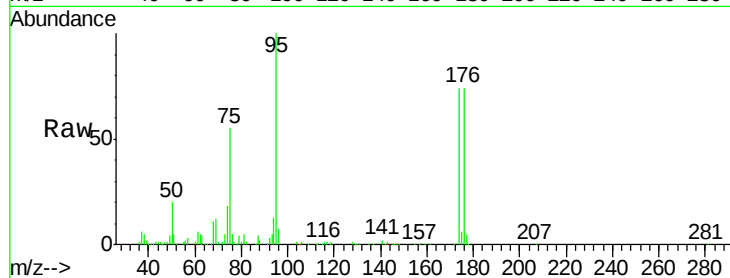
Tot Ion: 95 Resp: 217449

Ion Ratio Lower Upper

95 100

174 73.7 0.0 147.4

176 72.0 0.0 143.6



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

Ion 173.80 (173.50 to 174.50): VN064320.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064320.D (-3294) (-)

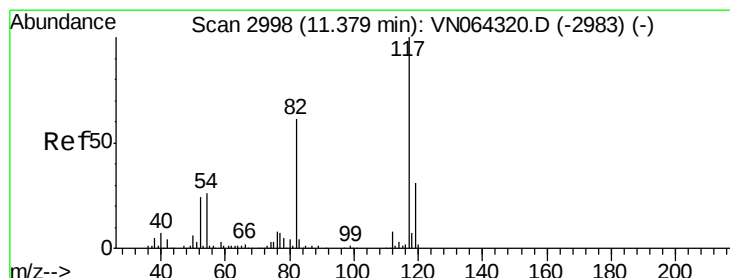
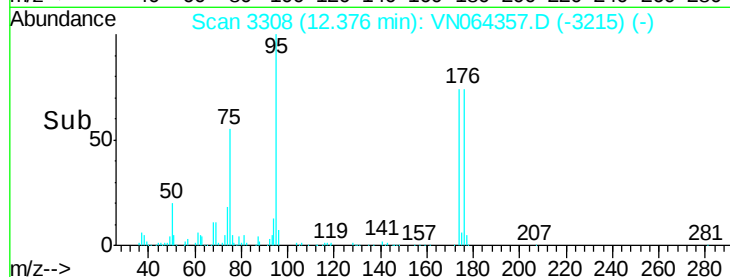
12.38

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064357.D

Acq: 28 Oct 2020 17:08

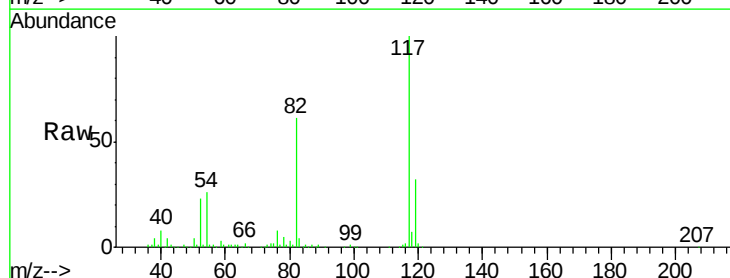
Tgt Ion: 117 Resp: 411782

Ion Ratio Lower Upper

117 100

82 60.6 48.8 73.2

119 31.8 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): VN064320.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064320.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064320.D (-2983) (-)

11.38

300000

250000

200000

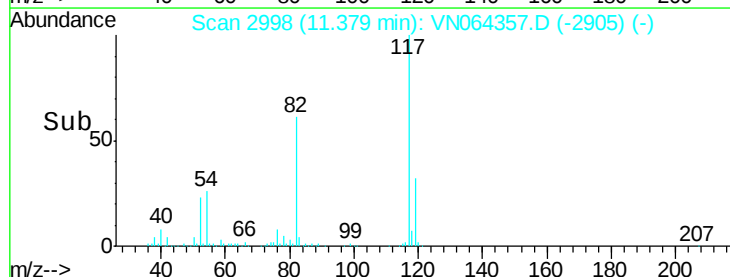
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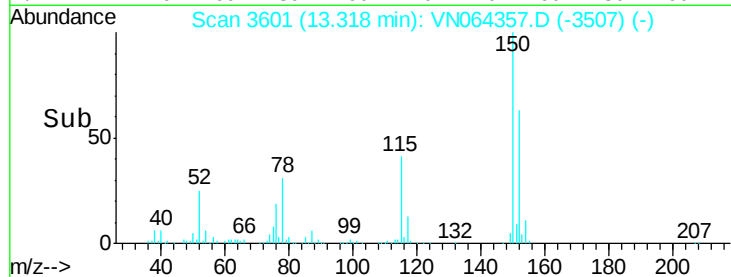
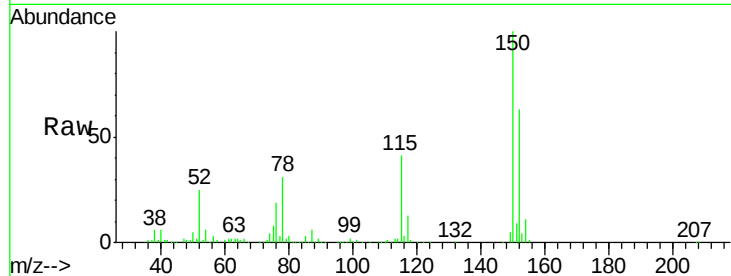
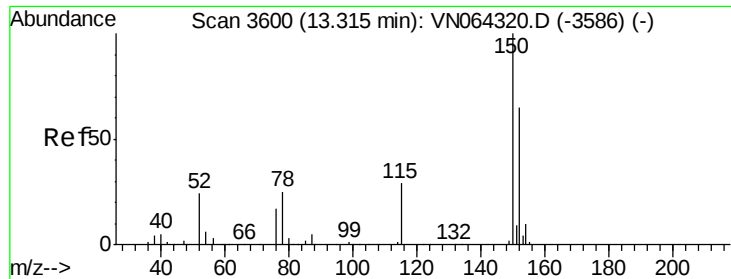
100000

50000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064357.D

Acq: 28 Oct 2020 17:08

Instrument :

MSVOA_N

ClientSampleId :

VNJ-225

Tot Ion:152 Resp: 166278

Ion Ratio Lower Upper

152 100

115 65.4 31.5 94.5

150 157.7 0.0 346.2

