

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031120\
 Data File : VN060442.D
 Acq On : 11 Mar 2020 12:10
 Operator : JC/MD
 Sample : L1759-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-031020

Quant Time: Mar 12 04:05:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

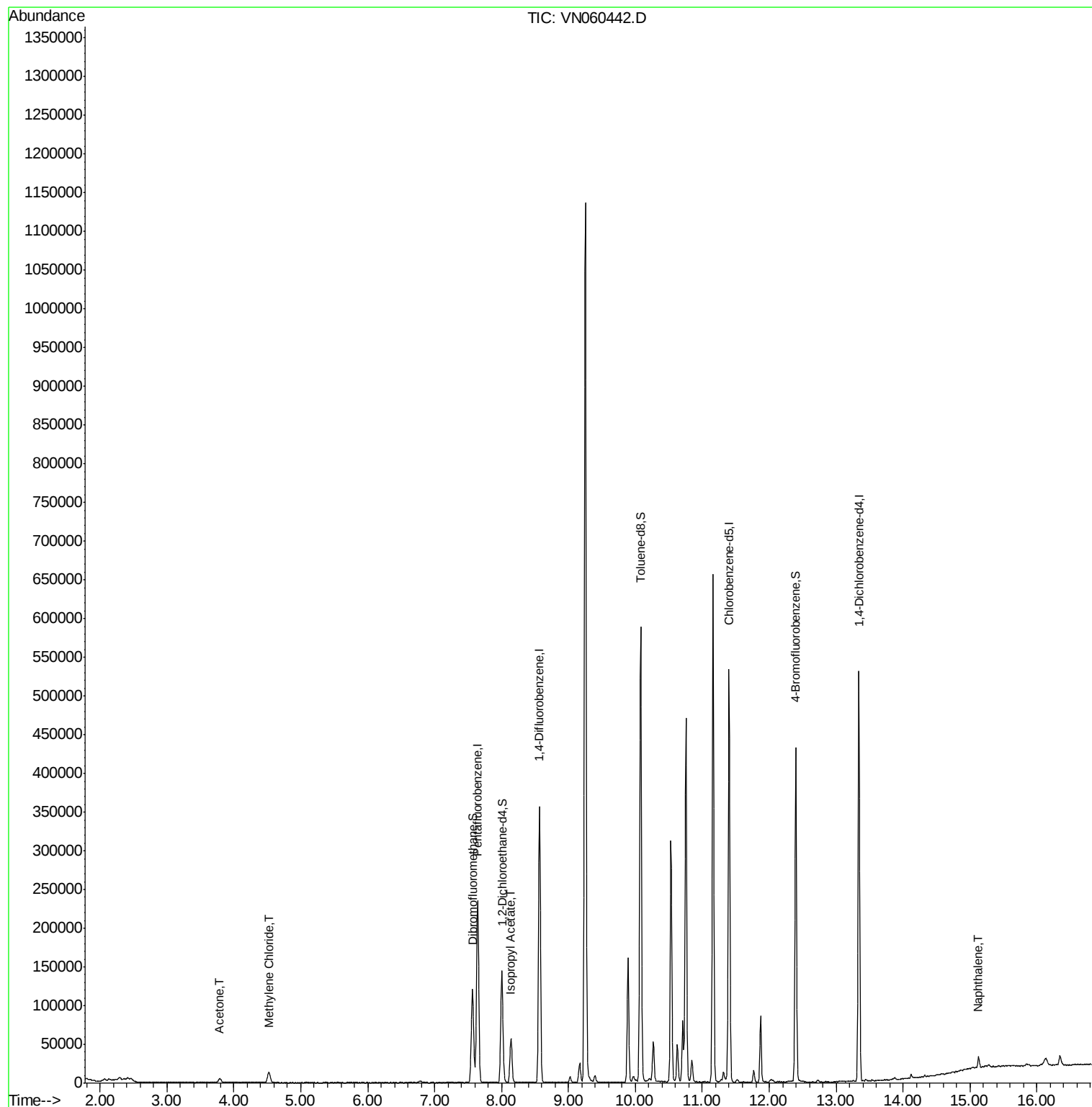
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	314012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	297287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	124940	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
35) Dibromofluoromethane	7.57	113	93533	64.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.34%	
50) Toluene-d8	10.08	98	390367	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.40	95	148827	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
Target Compounds						
16) Acetone	3.79	43	10959	13.781	ug/l	98
20) Methylene Chloride	4.53	84	10644	4.874	ug/l	97
43) Isopropyl Acetate	8.14	43	69116	13.932	ug/l #	90
95) Naphthalene	15.13	128	11879	1.176	ug/l	98

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

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Quant Time: Mar 12 04:05:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060442.D

Acq: 11 Mar 2020 12:10

Instrument :

MSVOA_N

ClientSampleId :

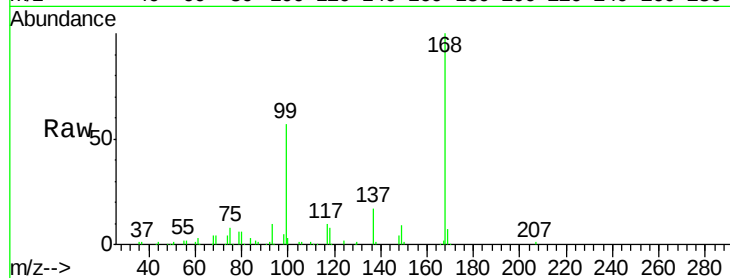
OR-03-031020

Tot Ion:168 Resp: 191939

Ion Ratio Lower Upper

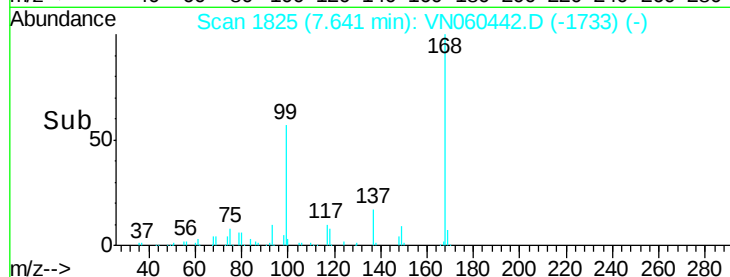
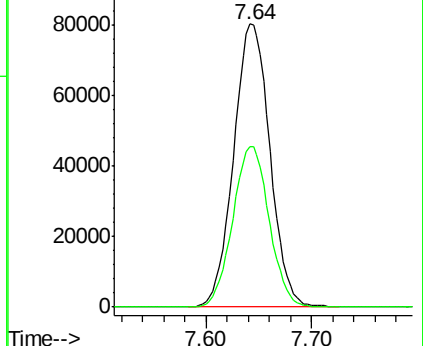
168 100

99 56.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 13.781 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060442.D

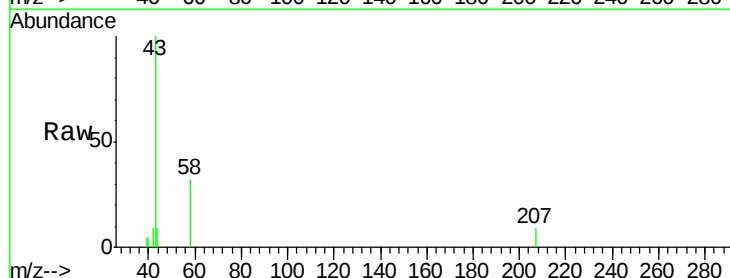
Acq: 11 Mar 2020 12:10

Tgt Ion: 43 Resp: 10959

Ion Ratio Lower Upper

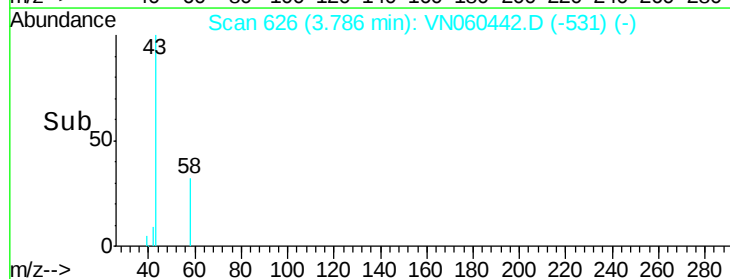
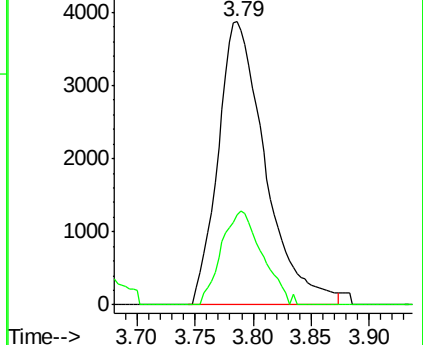
43 100

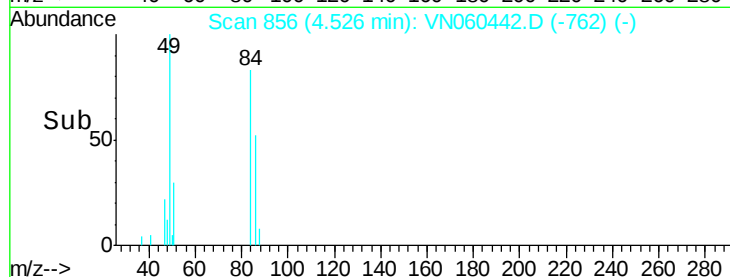
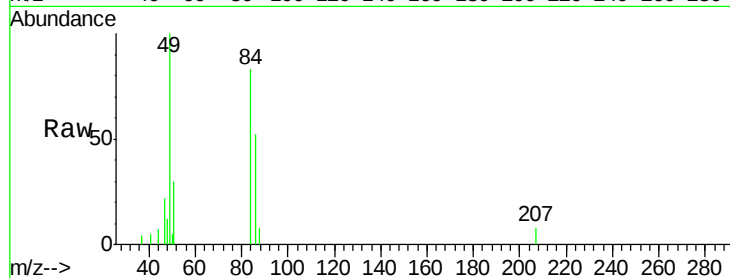
58 31.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

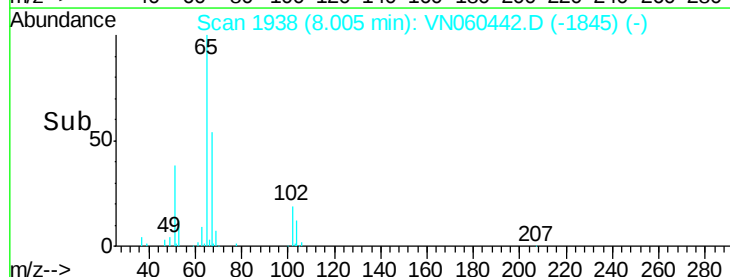
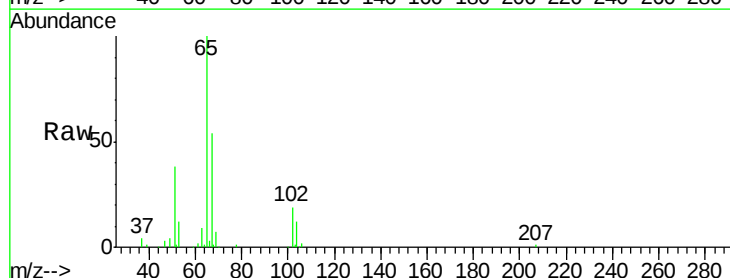
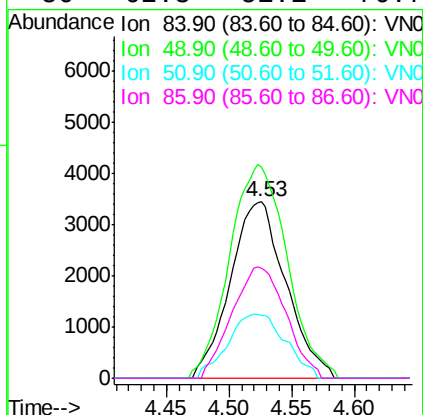




#20
Methylene Chloride
Concen: 4.874 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060442.D
Acq: 11 Mar 2020 12:10

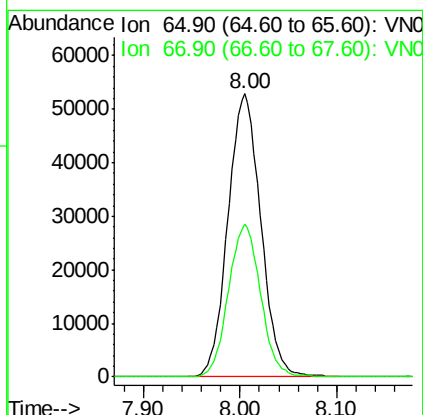
Instrument :
MSVOA_N
ClientSampleId :
OR-03-031020

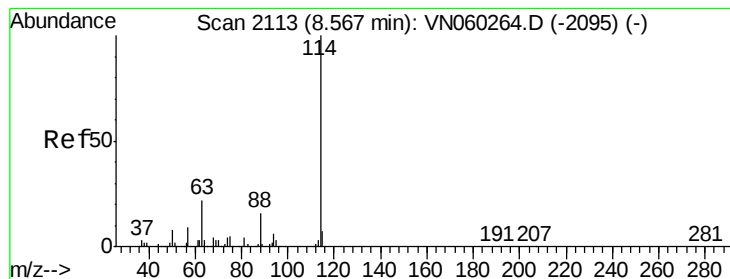
Tot Ion:	84	Resp:	10644
Ion	Ratio	Lower	Upper
84	100		
49	120.1	99.3	148.9
51	35.9	30.1	45.1
86	62.3	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.735 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060442.D
Acq: 11 Mar 2020 12:10

Tgt Ion:	65	Resp:	124940
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060442.D

Acq: 11 Mar 2020 12:10

Instrument :

MSVOA_N

ClientSampleId :

OR-03-031020

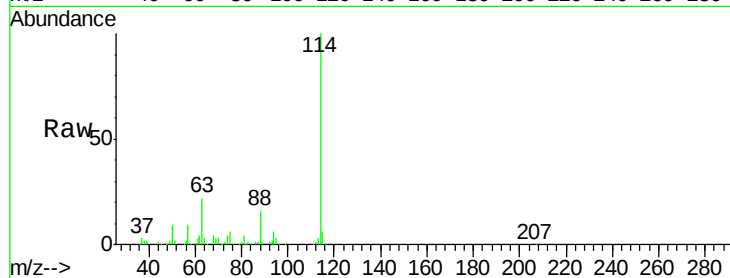
Tot Ion:114 Resp: 314012

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

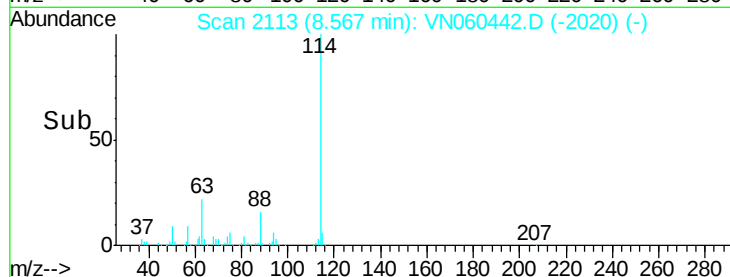
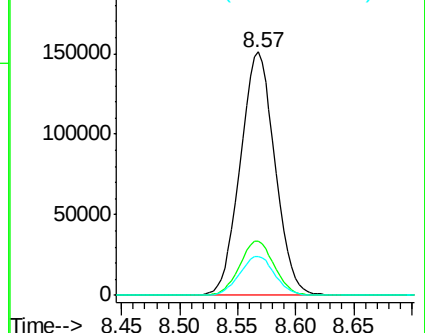
88 16.2 0.0 31.6



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: 64.172 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060442.D

Acq: 11 Mar 2020 12:10

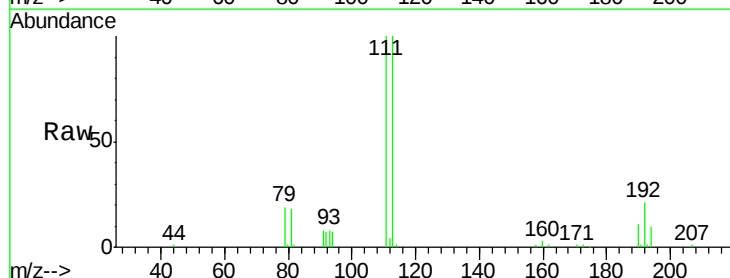
Tgt Ion:113 Resp: 93533

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

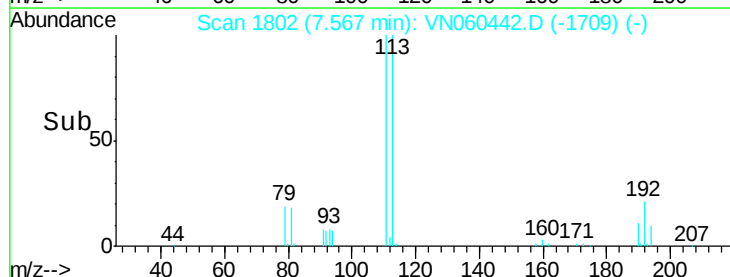
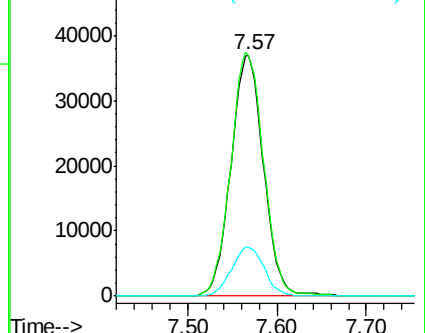
192 20.4 16.2 24.2



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: 13.932 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060442.D

Acq: 11 Mar 2020 12:10

Instrument :

MSVOA_N

ClientSampleId :

OR-03-031020

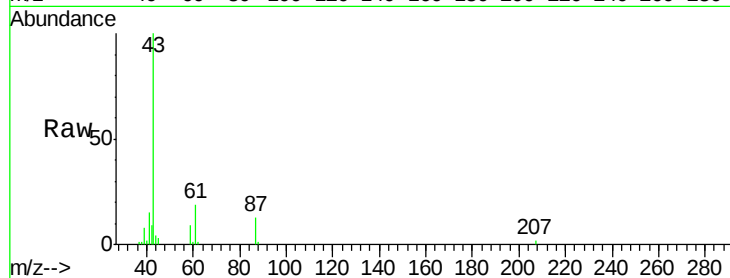
Tot Ion: 43 Resp: 69116

Ion Ratio Lower Upper

43 100

61 19.0 20.9 31.3#

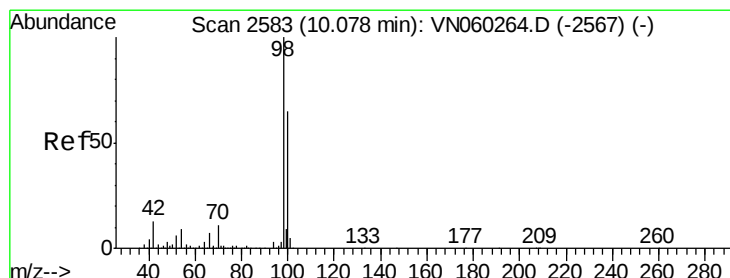
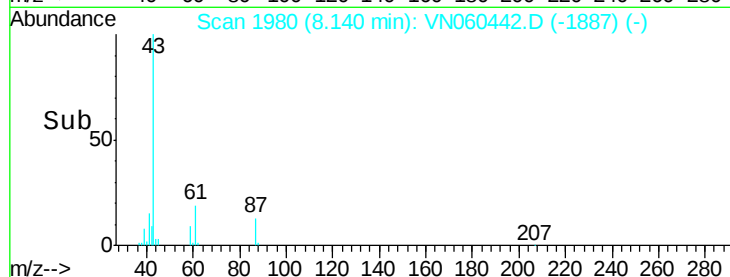
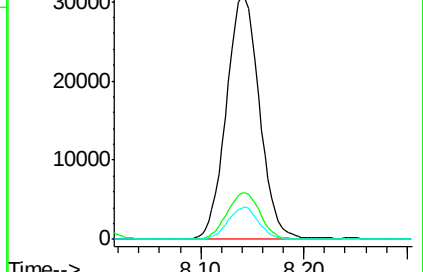
87 12.1 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060442.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060442.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060442.D (-1887) (-)



#50

Toluene-d8

Concen: 52.918 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060442.D

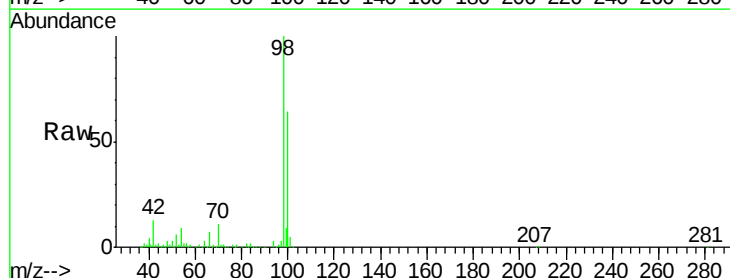
Acq: 11 Mar 2020 12:10

Tgt Ion: 98 Resp: 390367

Ion Ratio Lower Upper

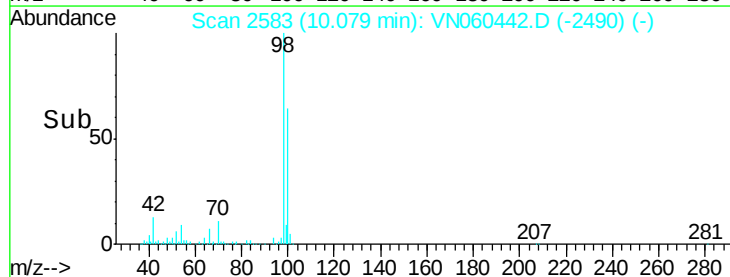
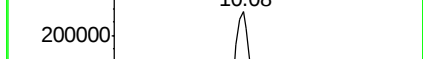
98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060442.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060442.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 53.222 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060442.D

Acq: 11 Mar 2020 12:10

Instrument :

MSVOA_N

ClientSampleId :

OR-03-031020

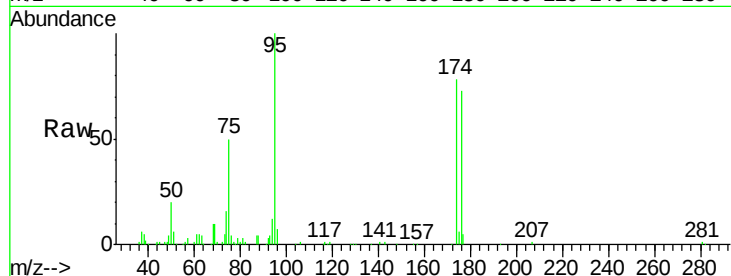
Tot Ion: 95 Resp: 148827

Ion Ratio Lower Upper

95 100

174 77.3 0.0 159.2

176 75.1 0.0 153.8

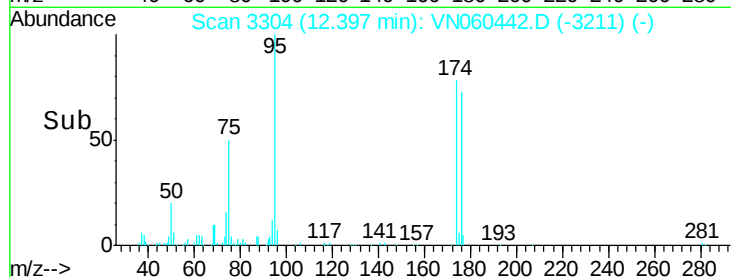


Abundance Ion 94.90 (94.60 to 95.60): VN060442.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060442.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060442.D (-3290) (-)

Time--> 12.30 12.35 12.40 12.45

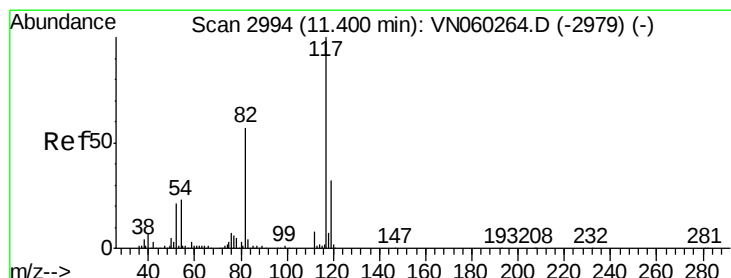


Abundance Ion 94.90 (94.60 to 95.60): VN060442.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060442.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060442.D (-3211) (-)

Time--> 12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060442.D

Acq: 11 Mar 2020 12:10

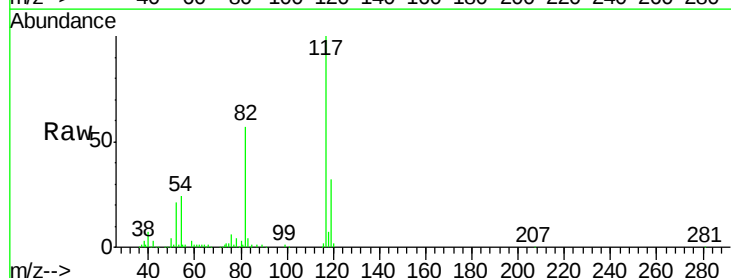
Tgt Ion: 117 Resp: 297287

Ion Ratio Lower Upper

117 100

82 56.8 45.8 68.6

119 32.3 25.8 38.8

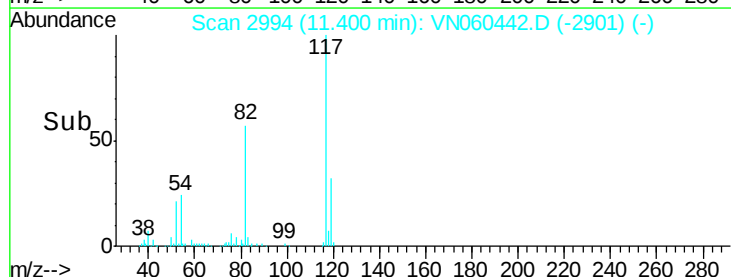


Abundance Ion 116.90 (116.60 to 117.60): VN060442.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060442.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060442.D (-2979) (-)

Time--> 11.30 11.35 11.40 11.45

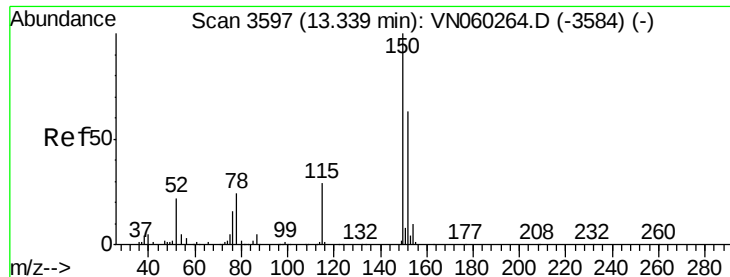


Abundance Ion 116.90 (116.60 to 117.60): VN060442.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060442.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060442.D (-2901) (-)

Time--> 11.30 11.35 11.40 11.45



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060442.D

Acq: 11 Mar 2020 12:10

Instrument :

MSVOA_N

ClientSampleId :

OR-03-031020

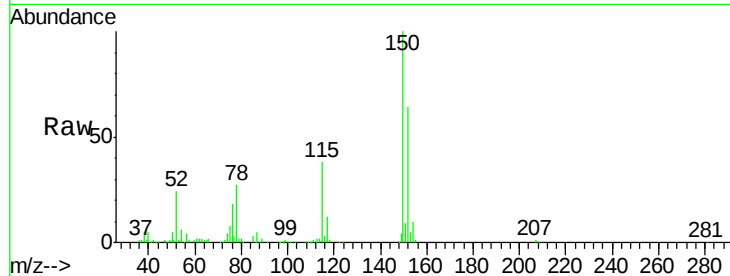
Tot Ion:152 Resp: 138362

Ion Ratio Lower Upper

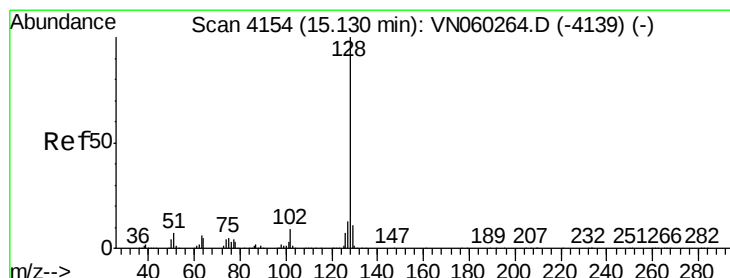
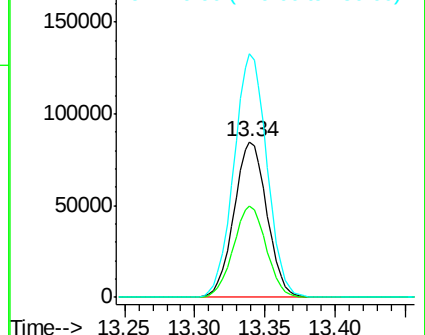
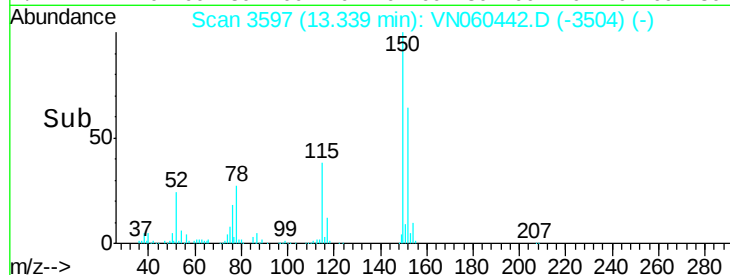
152 100

115 58.8 30.0 90.0

150 157.2 0.0 349.6



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: 1.176 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060442.D

Acq: 11 Mar 2020 12:10

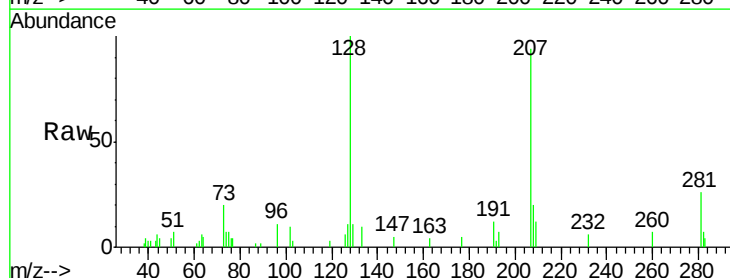
Tgt Ion:128 Resp: 11879

Ion Ratio Lower Upper

128 100

127 12.1 10.4 15.6

129 10.2 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

