

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022820\
 Data File : VN060292.D
 Acq On : 28 Feb 2020 18:05
 Operator : JC/MD
 Sample : L1718-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-232

Quant Time: Feb 29 02:29:45 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

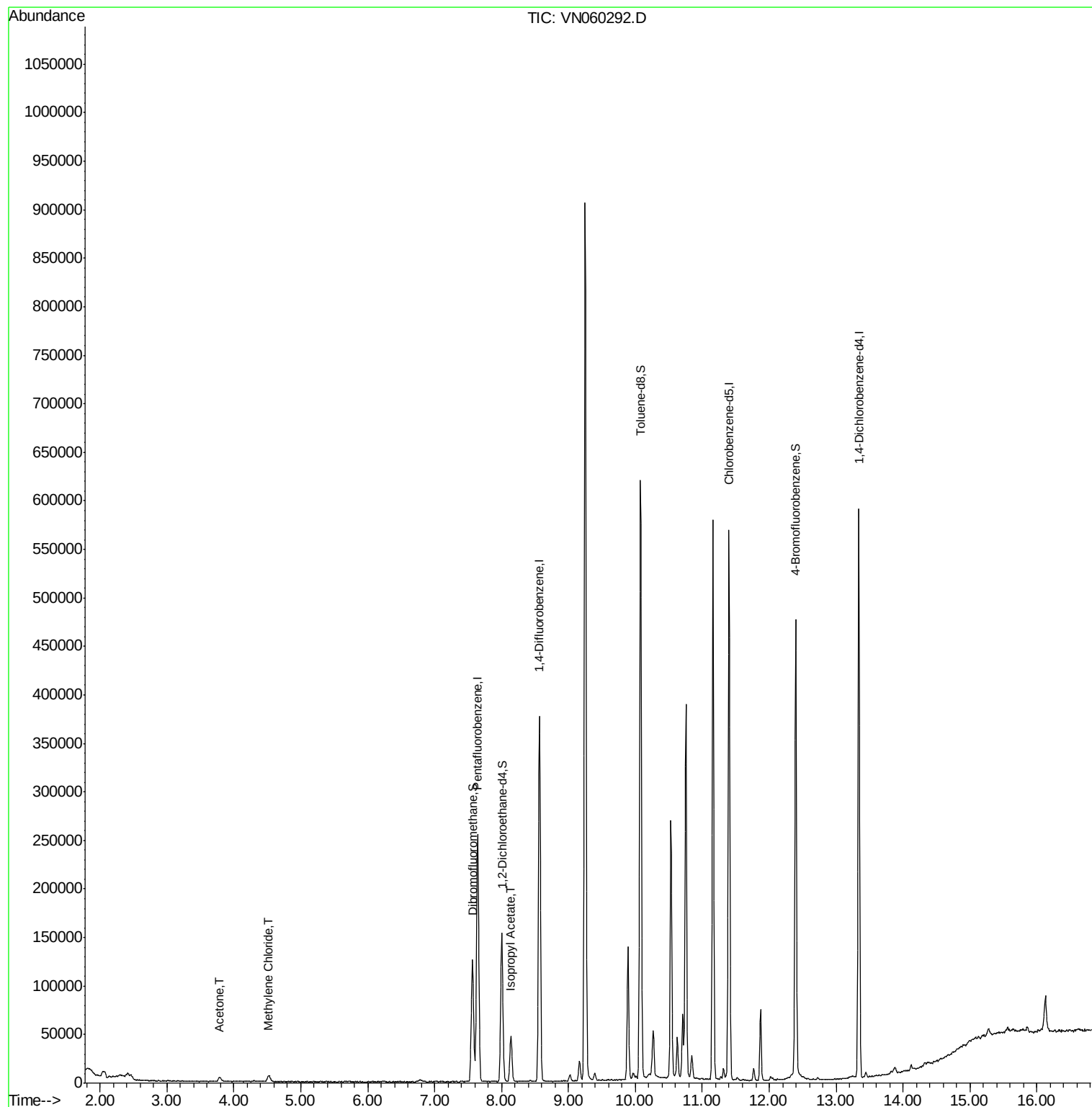
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	340571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	319345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	152770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	133688	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
35) Dibromofluoromethane	7.56	113	96081	60.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.56%	
50) Toluene-d8	10.08	98	420039	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.40	95	158292	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
Target Compounds						
16) Acetone	3.79	43	8709	10.053	ug/l	98
20) Methylene Chloride	4.51	84	5210	2.190	ug/l	98
43) Isopropyl Acetate	8.14	43	56598	10.519	ug/l #	91

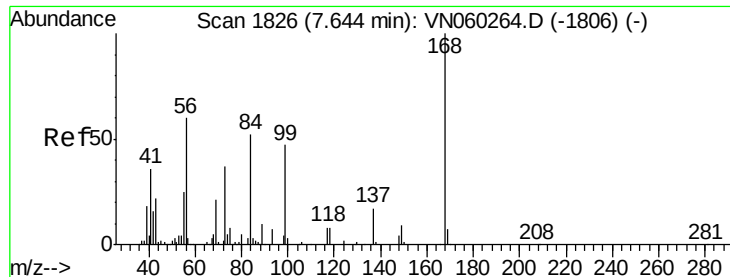
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022820\
Data File : VN060292.D
Acq On : 28 Feb 2020 18:05
Operator : JC/MD
Sample : L1718-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VNJ-232

Quant Time: Feb 29 02:29:45 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: VN060292.D

Acq: 28 Feb 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

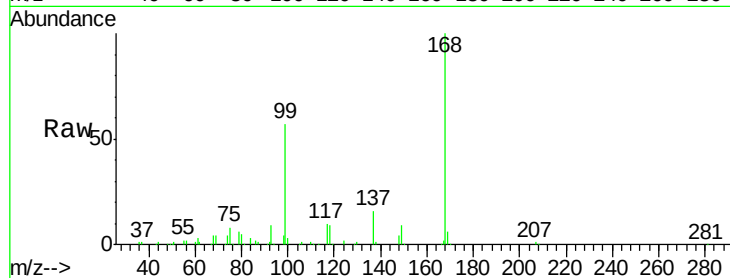
VNJ-232

Tot Ion:168 Resp: 209087

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): VNO

7.64

80000

60000

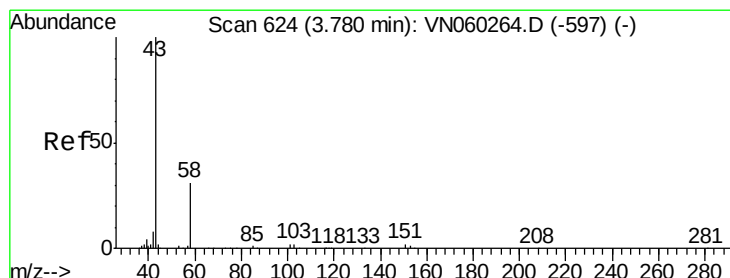
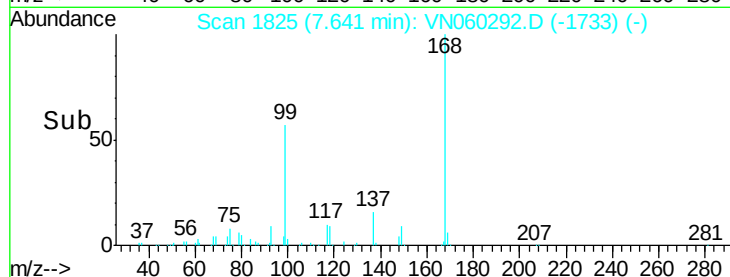
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 10.053 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060292.D

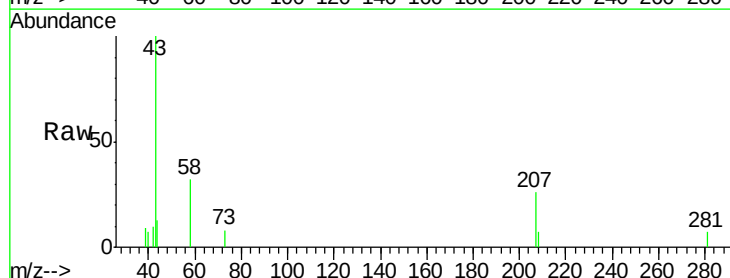
Acq: 28 Feb 2020 18:05

Tgt Ion: 43 Resp: 8709

Ion Ratio Lower Upper

43 100

58 32.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

3000

2500

2000

1500

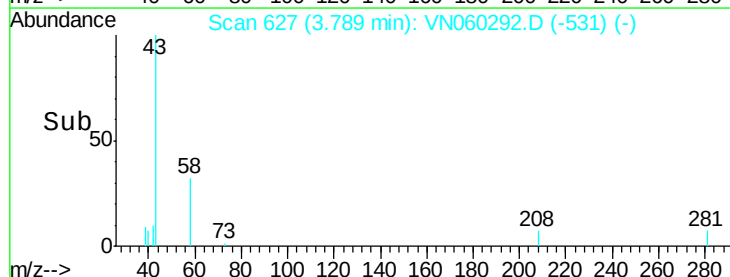
1000

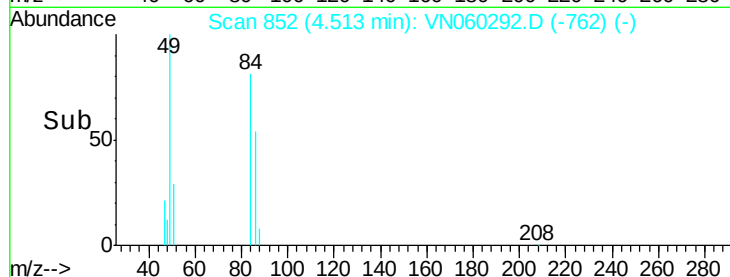
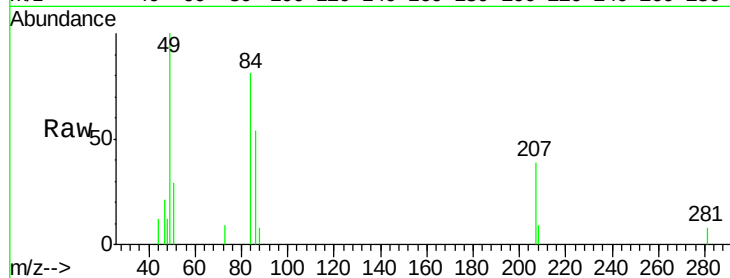
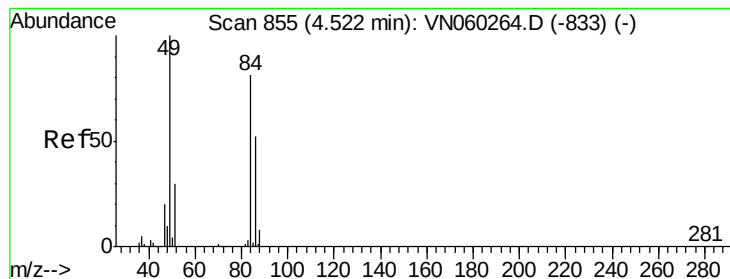
500

0

3.70 3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 2.190 ug/l

RT: 4.51 min Scan# 852

Delta R.T. -0.01 min

Lab File: VN060292.D

Acq: 28 Feb 2020 18:05

Instrument :

MSVOA_N

ClientSampled :

VNJ-232

Tot Ion: 84 Resp: 5210

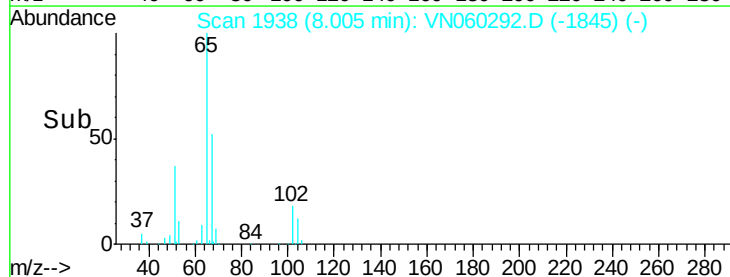
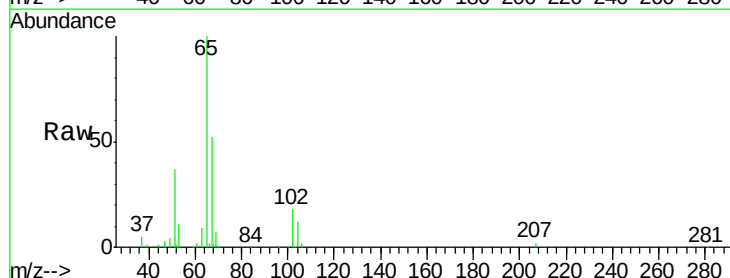
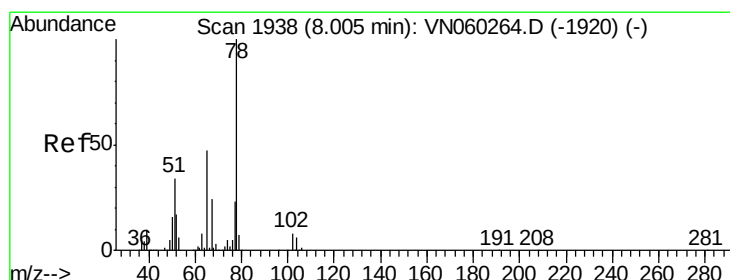
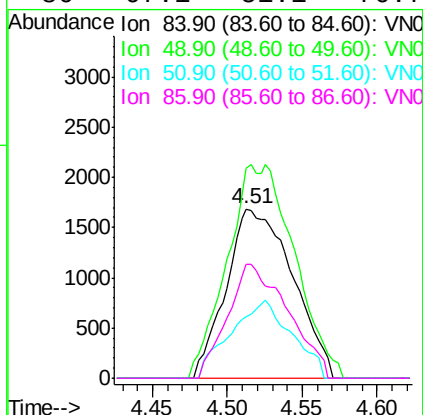
Ion Ratio Lower Upper

84 100

49 123.9 99.3 148.9

51 36.4 30.1 45.1

86 67.1 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 49.835 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060292.D

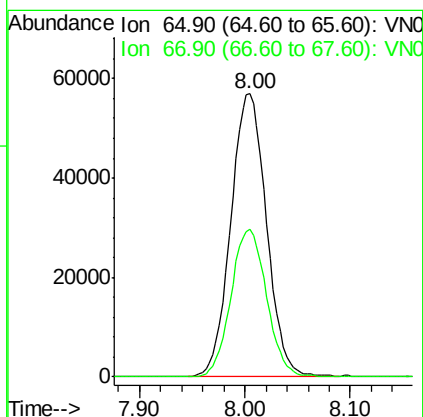
Acq: 28 Feb 2020 18:05

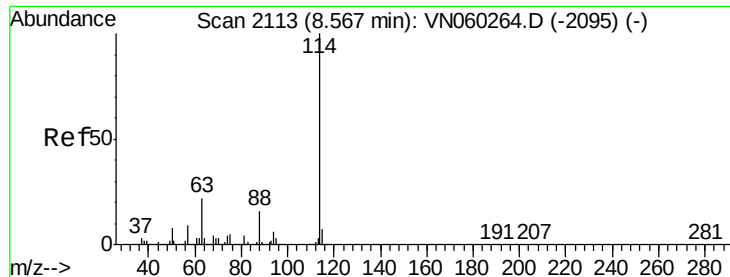
Tgt Ion: 65 Resp: 133688

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.8

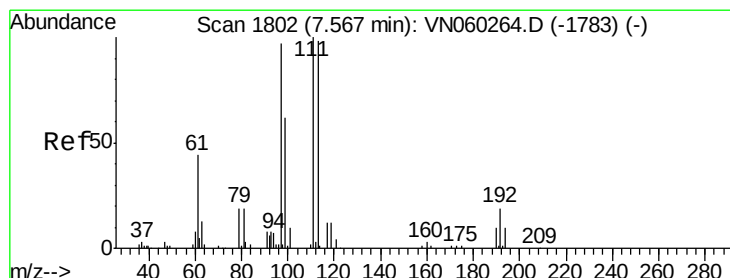
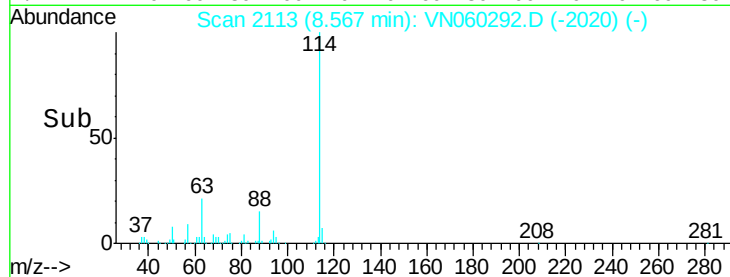
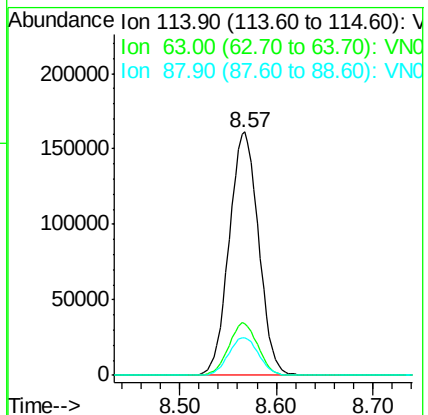
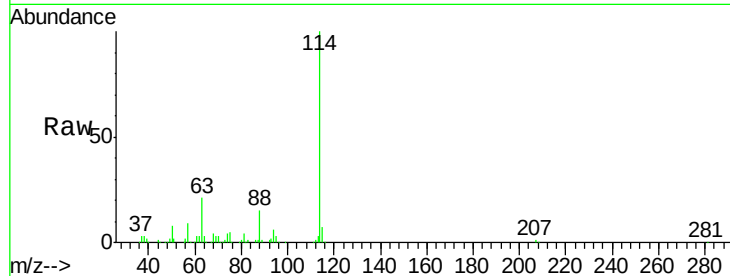




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060292.D
 Acq: 28 Feb 2020 18:05

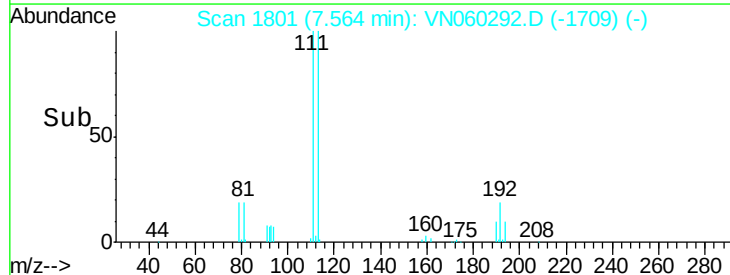
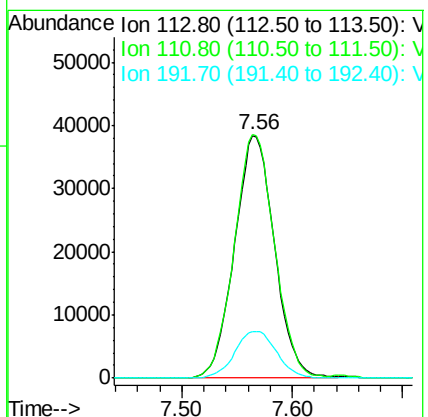
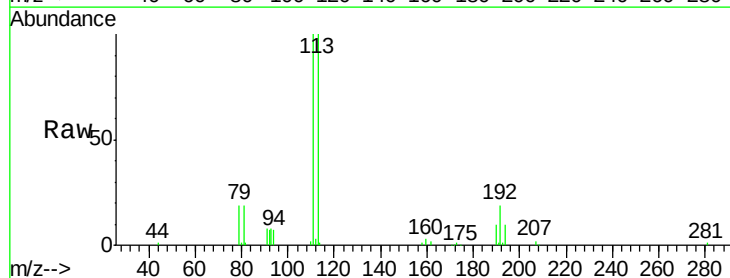
Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-232

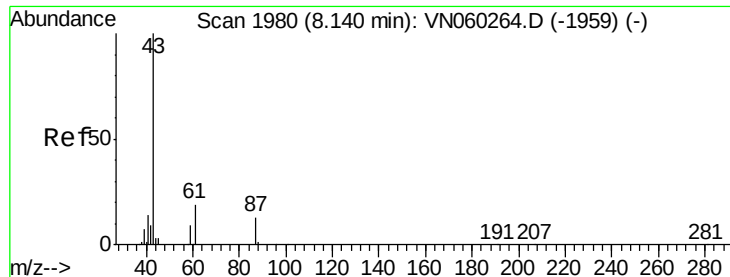
Tot Ion:114 Resp: 340571
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 15.5 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 60.779 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060292.D
 Acq: 28 Feb 2020 18:05

Tgt Ion:113 Resp: 96081
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.4 123.6
 192 20.2 16.2 24.2





#43

Isopropyl Acetate

Concen: 10.519 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060292.D

Acq: 28 Feb 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

VNJ-232

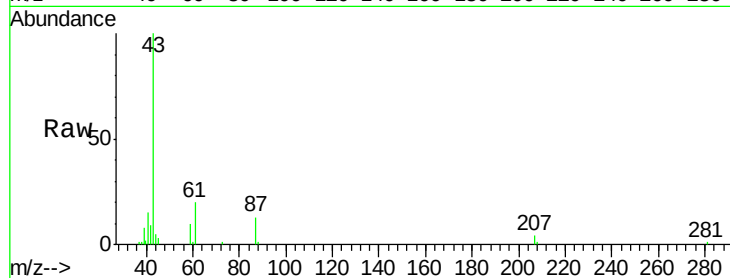
Tot Ion: 43 Resp: 56598

Ion Ratio Lower Upper

43 100

61 19.5 20.9 31.3#

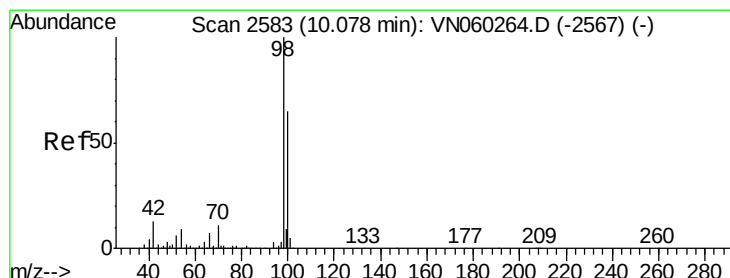
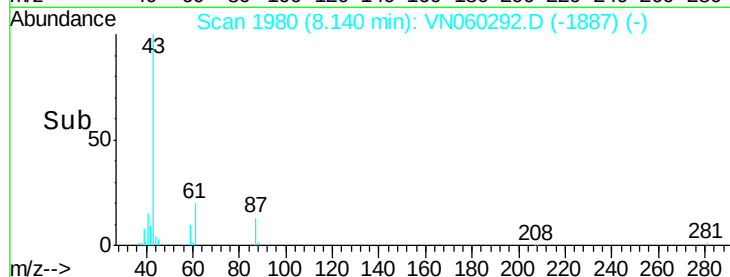
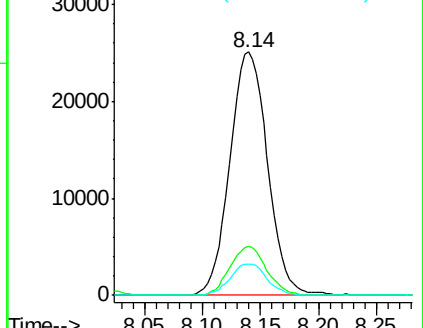
87 12.5 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060292.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060292.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060292.D (-1887) (-)



#50

Toluene-d8

Concen: 52.500 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060292.D

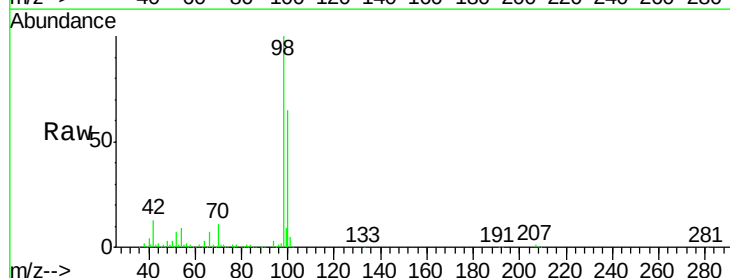
Acq: 28 Feb 2020 18:05

Tgt Ion: 98 Resp: 420039

Ion Ratio Lower Upper

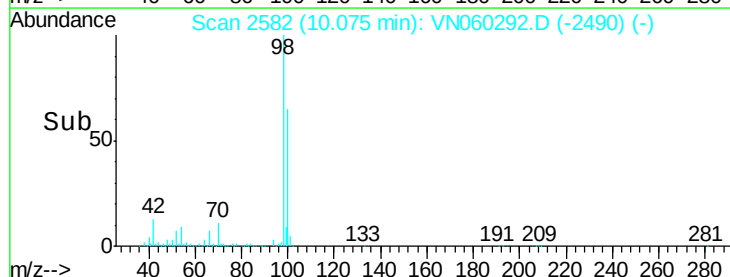
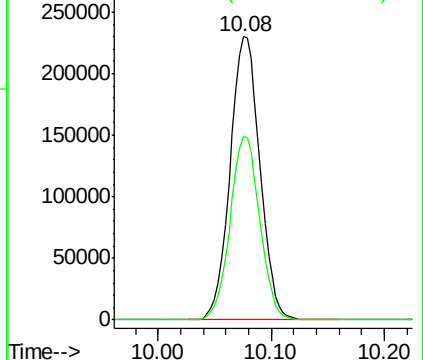
98 100

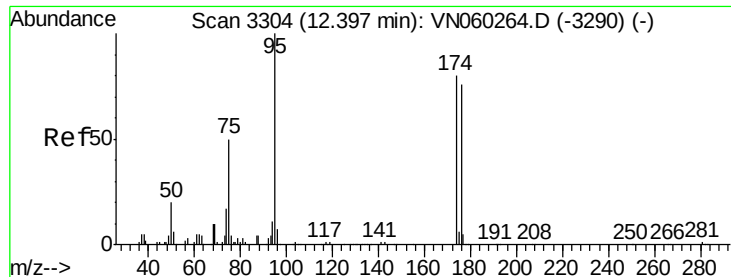
100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060292.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060292.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 52.192 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060292.D

Acq: 28 Feb 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

VNJ-232

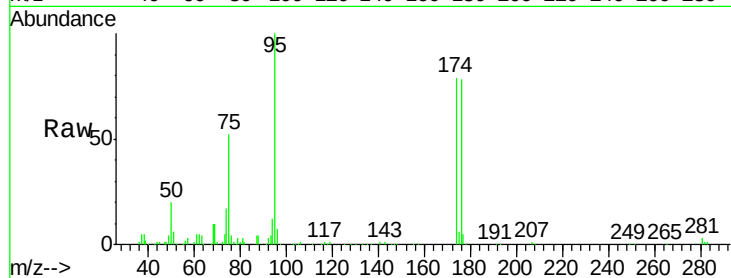
Tot Ion: 95 Resp: 158292

Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.2

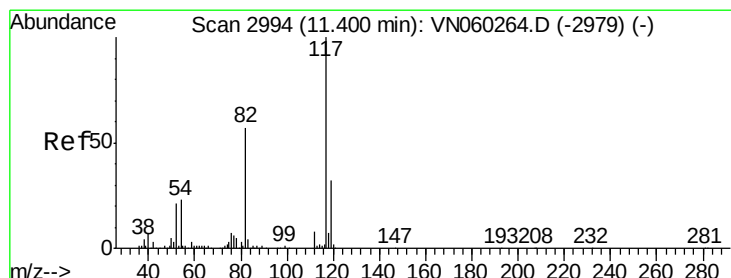
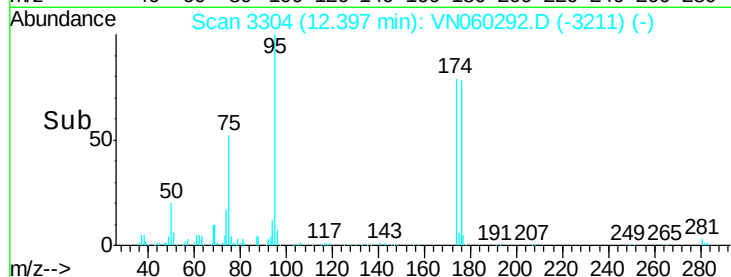
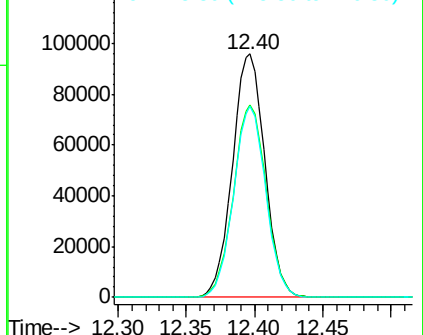
176 78.0 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060292.D

Acq: 28 Feb 2020 18:05

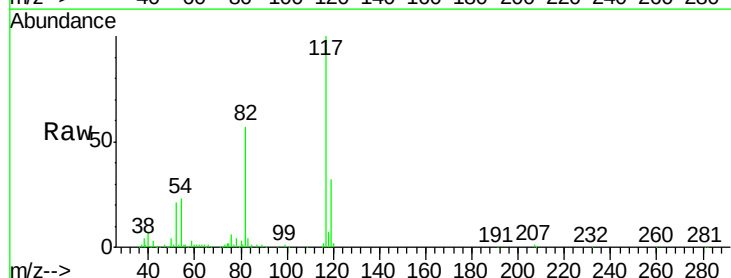
Tgt Ion: 117 Resp: 319345

Ion Ratio Lower Upper

117 100

82 57.4 45.8 68.6

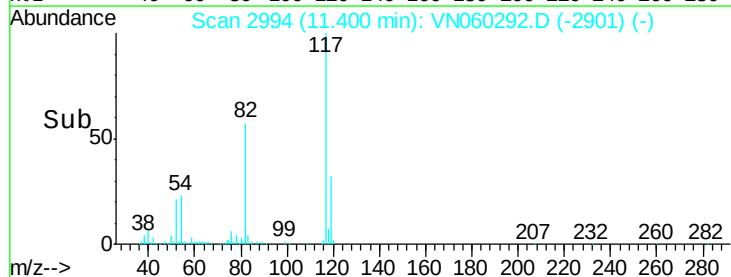
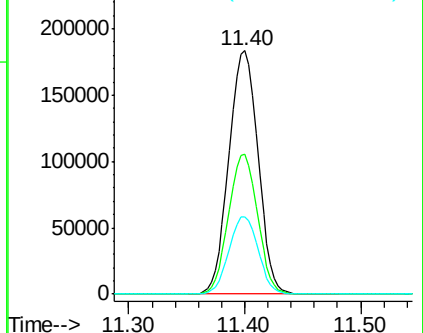
119 31.9 25.8 38.8

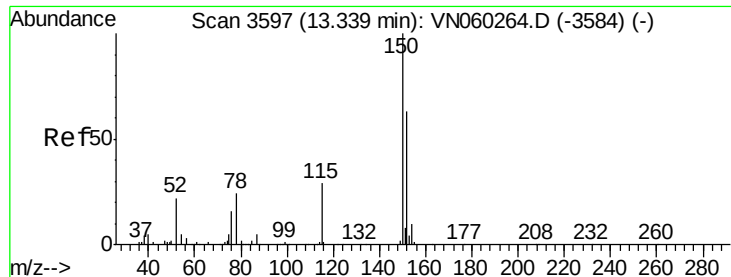


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060292.D

Acq: 28 Feb 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

VNJ-232

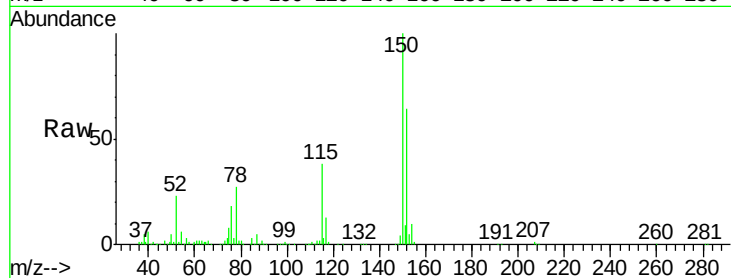
Tot Ion:152 Resp: 152770

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 155.5 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

