

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041320\
 Data File : VN060916.D
 Acq On : 13 Apr 2020 22:28
 Operator : JC/MD
 Sample : L2195-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-223

Quant Time: Apr 14 07:57:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

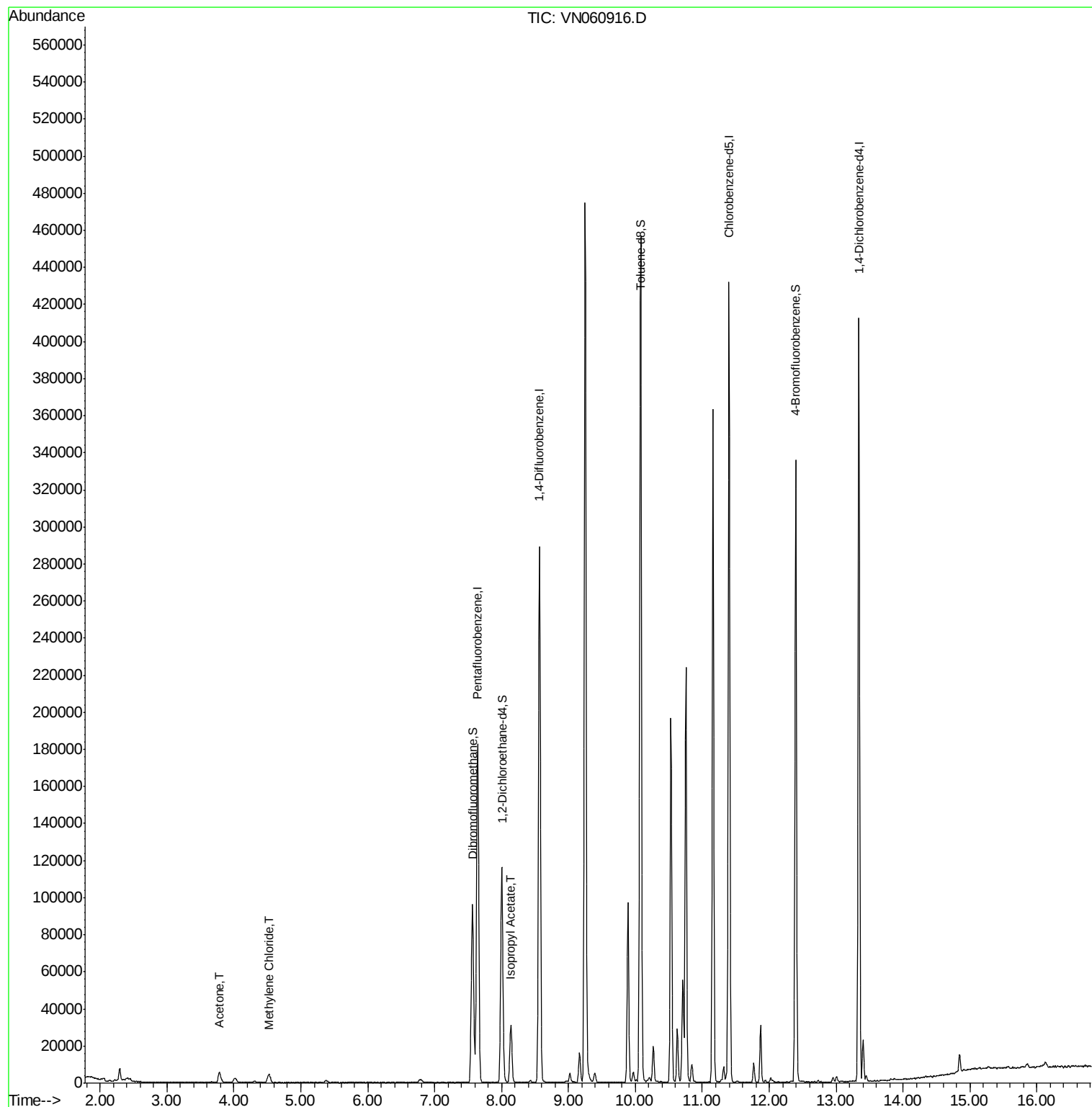
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	149161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	254810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	240434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	107895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	99511	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	7.56	113	75558	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.08	98	317731	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	118488	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
Target Compounds						
16) Acetone	3.78	43	10486	14.457	ug/l	99
20) Methylene Chloride	4.52	84	3567	1.999	ug/l	90
43) Isopropyl Acetate	8.14	43	38520	8.761	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060916.D

Acq: 13 Apr 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

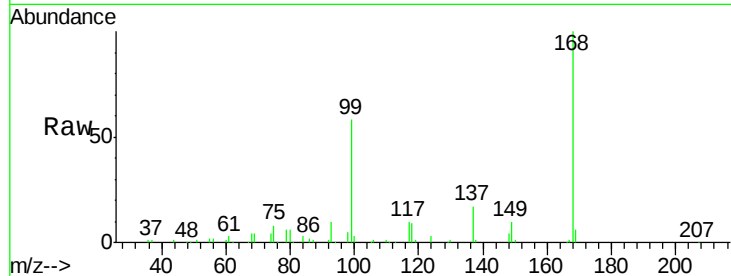
VNJ-223

Tot Ion:168 Resp: 149161

Ion Ratio Lower Upper

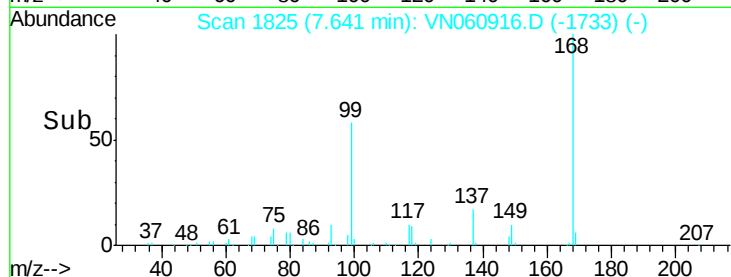
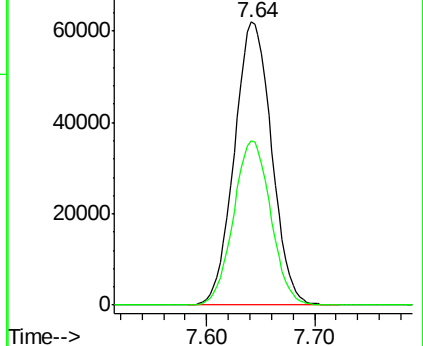
168 100

99 58.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 14.457 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060916.D

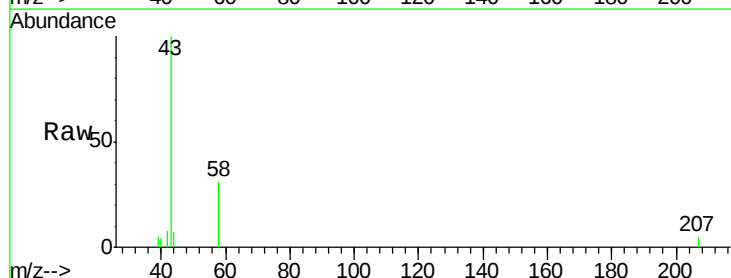
Acq: 13 Apr 2020 22:28

Tgt Ion: 43 Resp: 10486

Ion Ratio Lower Upper

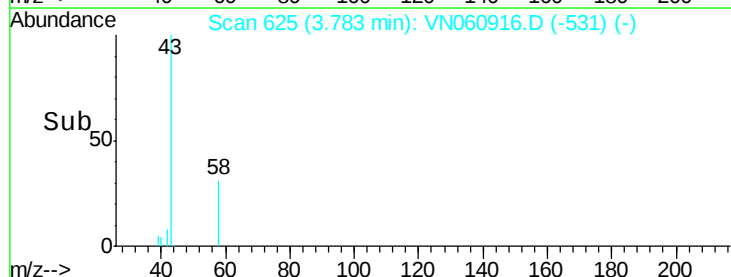
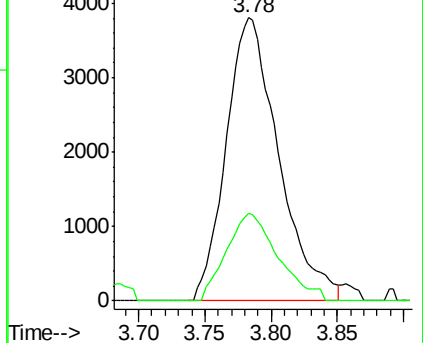
43 100

58 31.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 1.999 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN060916.D

Acq: 13 Apr 2020 22:28

Instrument :

MSVOA_N

ClientSampled :

VNJ-223

Tot Ion: 84 Resp: 3567

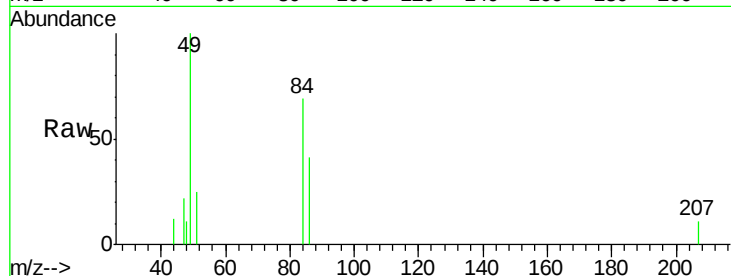
Ion Ratio Lower Upper

84 100

49 144.6 103.3 154.9

51 36.8 31.6 47.4

86 59.7 52.0 78.0

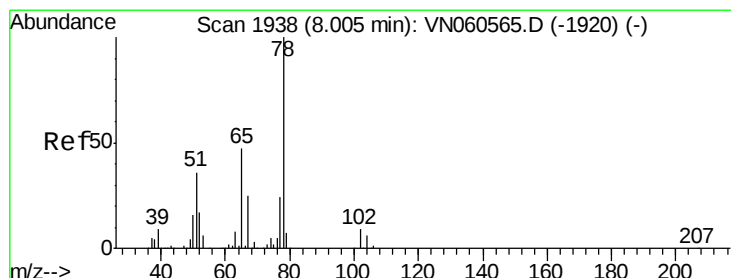
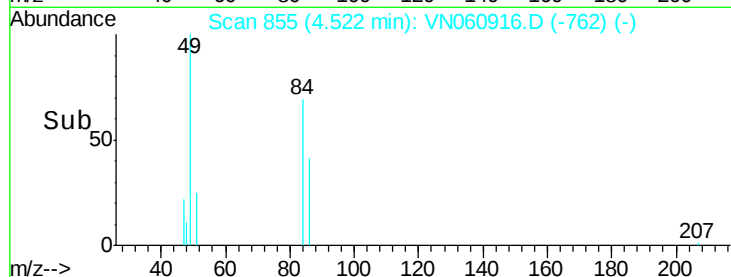
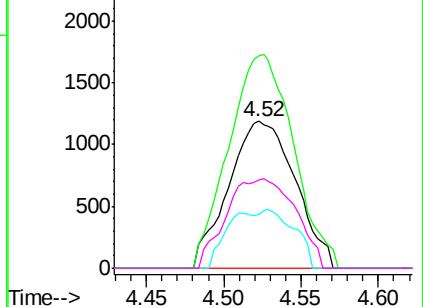


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 48.598 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060916.D

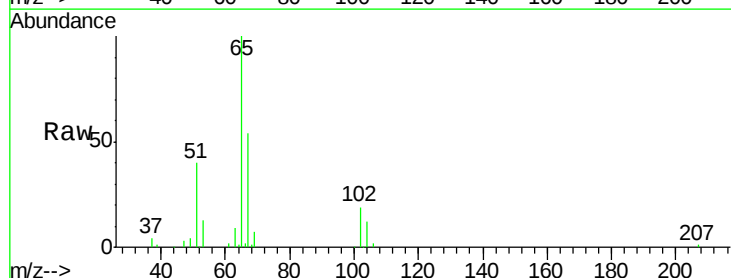
Acq: 13 Apr 2020 22:28

Tgt Ion: 65 Resp: 99511

Ion Ratio Lower Upper

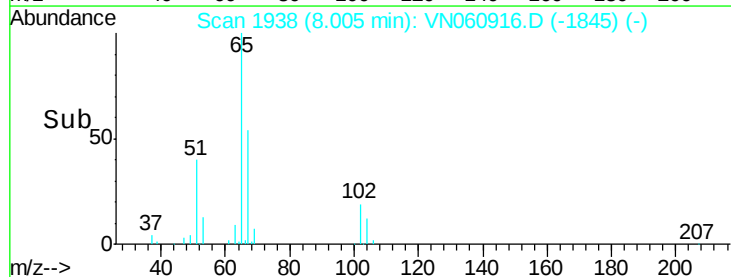
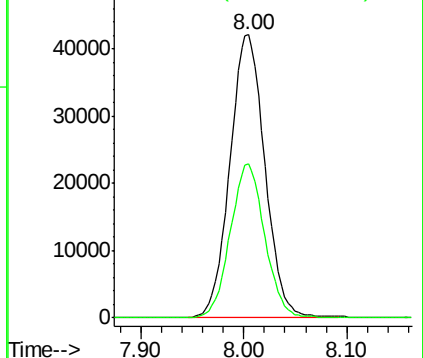
65 100

67 53.4 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

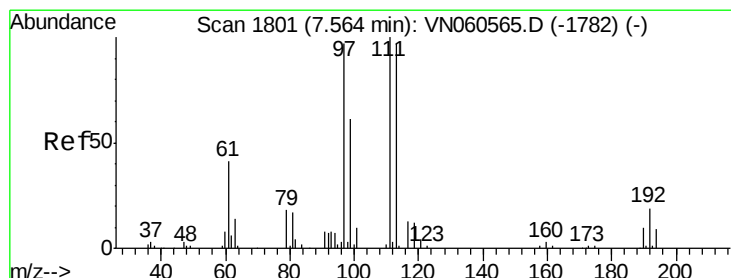
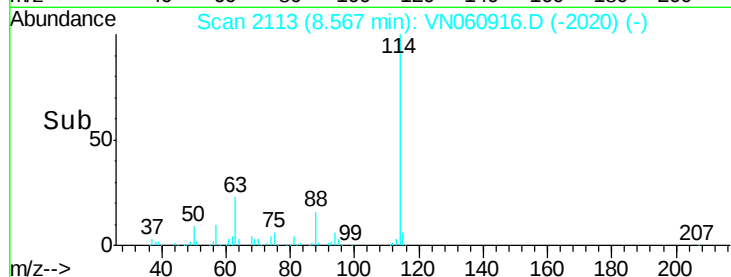
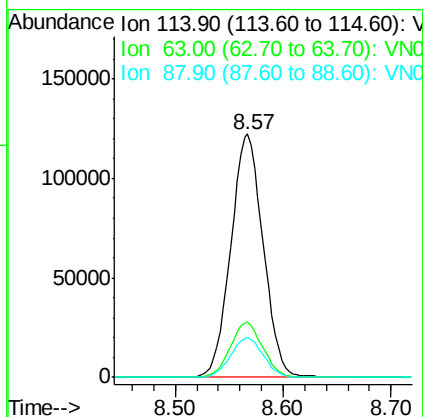
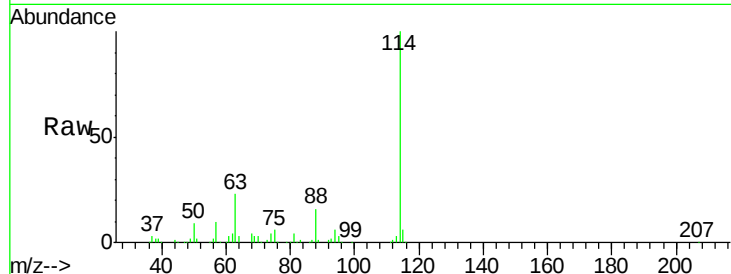




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060916.D
Acq: 13 Apr 2020 22:28

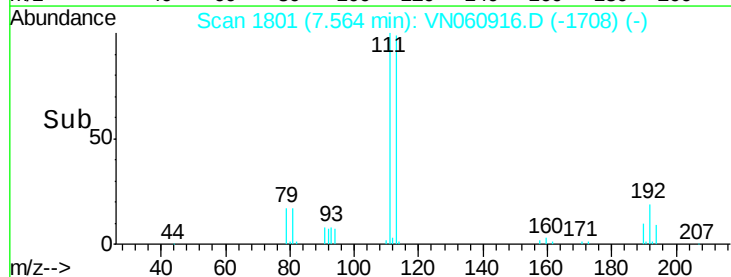
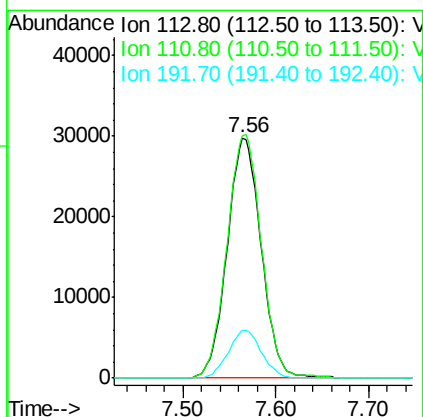
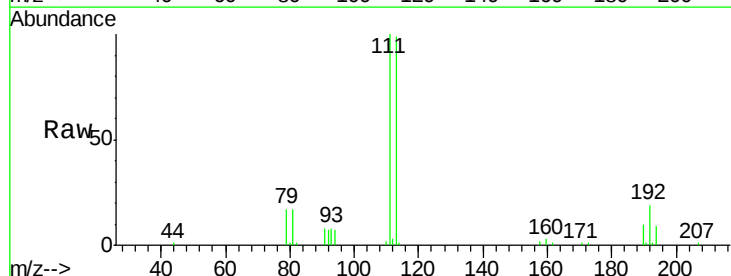
Instrument :
MSVOA_N
ClientSampleId :
VNJ-223

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.8
88	16.4	0.0	33.0



#35
Dibromofluoromethane
Concen: 49.040 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060916.D
Acq: 13 Apr 2020 22:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	19.3	15.8	23.8





#43

Isopropyl Acetate

Concen: 8.761 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060916.D

Acq: 13 Apr 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

VNJ-223

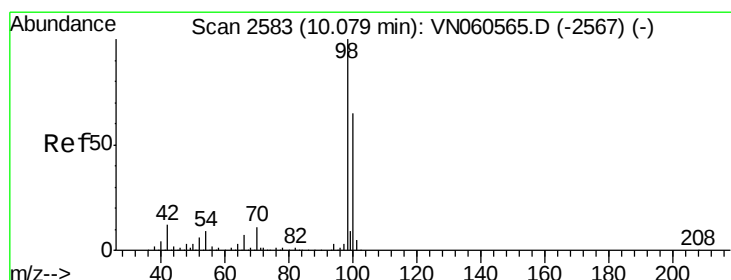
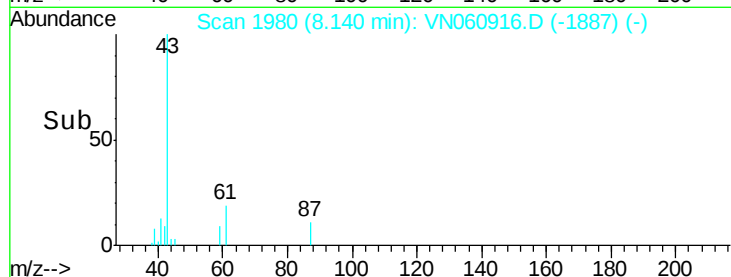
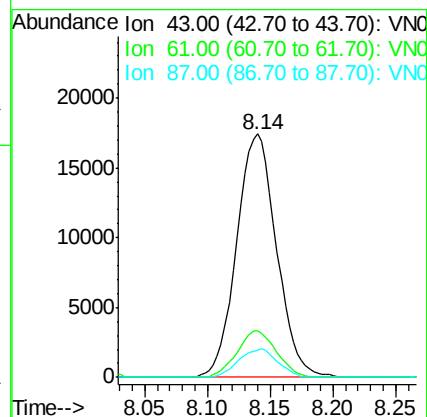
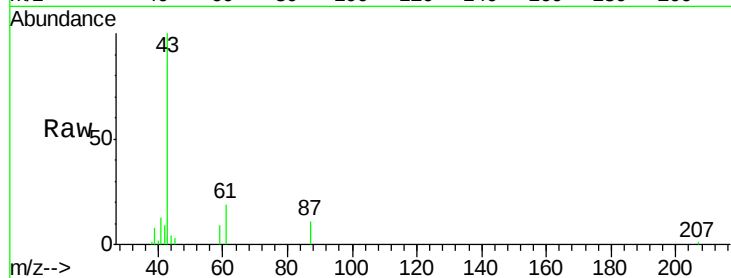
Tot Ion: 43 Resp: 38520

Ion Ratio Lower Upper

43 100

61 18.8 20.7 31.1#

87 11.3 9.8 14.8



#50

Toluene-d8

Concen: 50.487 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060916.D

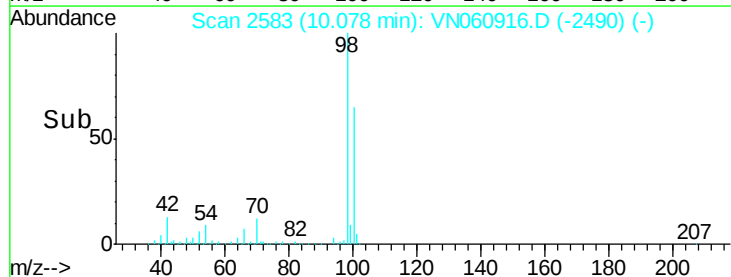
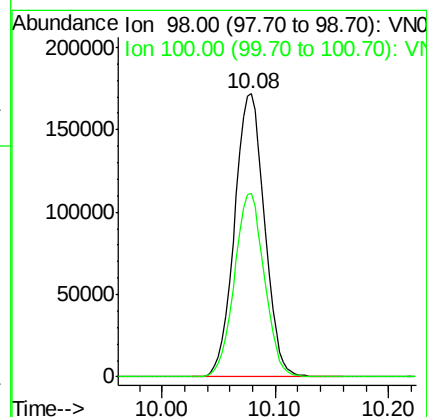
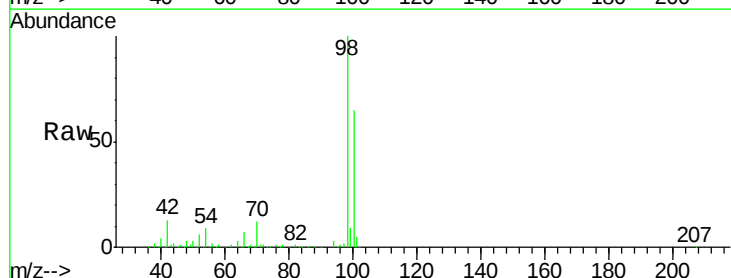
Acq: 13 Apr 2020 22:28

Tgt Ion: 98 Resp: 317731

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8

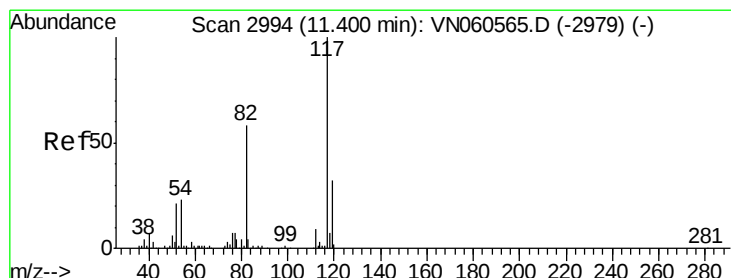
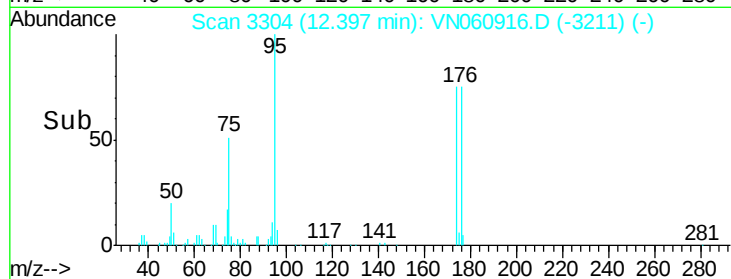
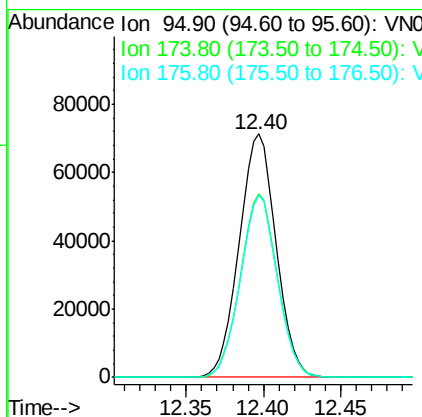
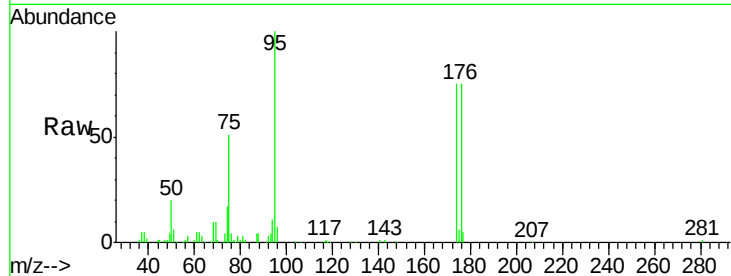




#62
4-Bromofluorobenzene
Concen: 51.373 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060916.D
Acq: 13 Apr 2020 22:28

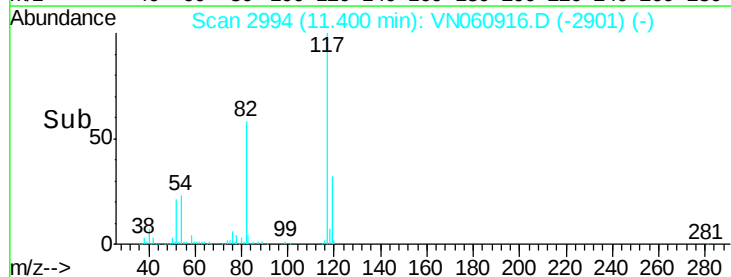
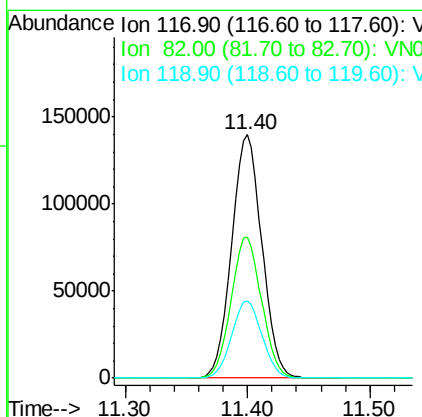
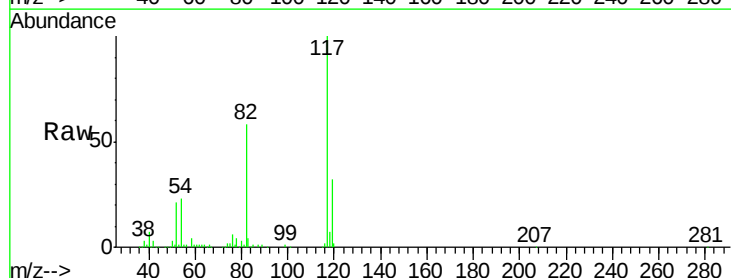
Instrument :
MSVOA_N
ClientSampled :
VNJ-223

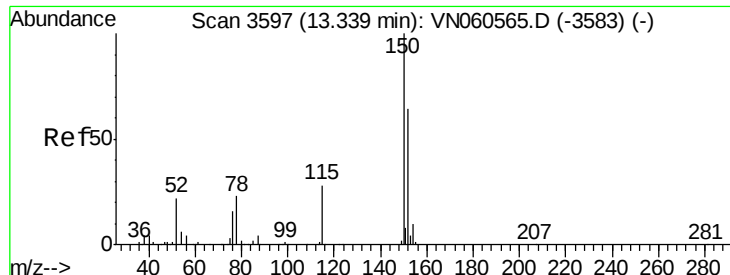
Tot Ion: 95 Resp: 118488
Ion Ratio Lower Upper
95 100
174 75.6 0.0 157.6
176 74.1 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060916.D
Acq: 13 Apr 2020 22:28

Tgt Ion: 117 Resp: 240434
Ion Ratio Lower Upper
117 100
82 58.0 46.7 70.1
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060916.D

Acq: 13 Apr 2020 22:28

Instrument :

MSVOA_N

ClientSampleId :

VNJ-223

Tot Ion:152 Resp: 107895

Ion Ratio Lower Upper

152 100

115 60.6 30.2 90.6

150 157.2 0.0 350.2

