

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030220\
 Data File : VN060312.D
 Acq On : 2 Mar 2020 15:27
 Operator : JC/MD
 Sample : L1723-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC

Quant Time: Mar 03 06:32:54 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

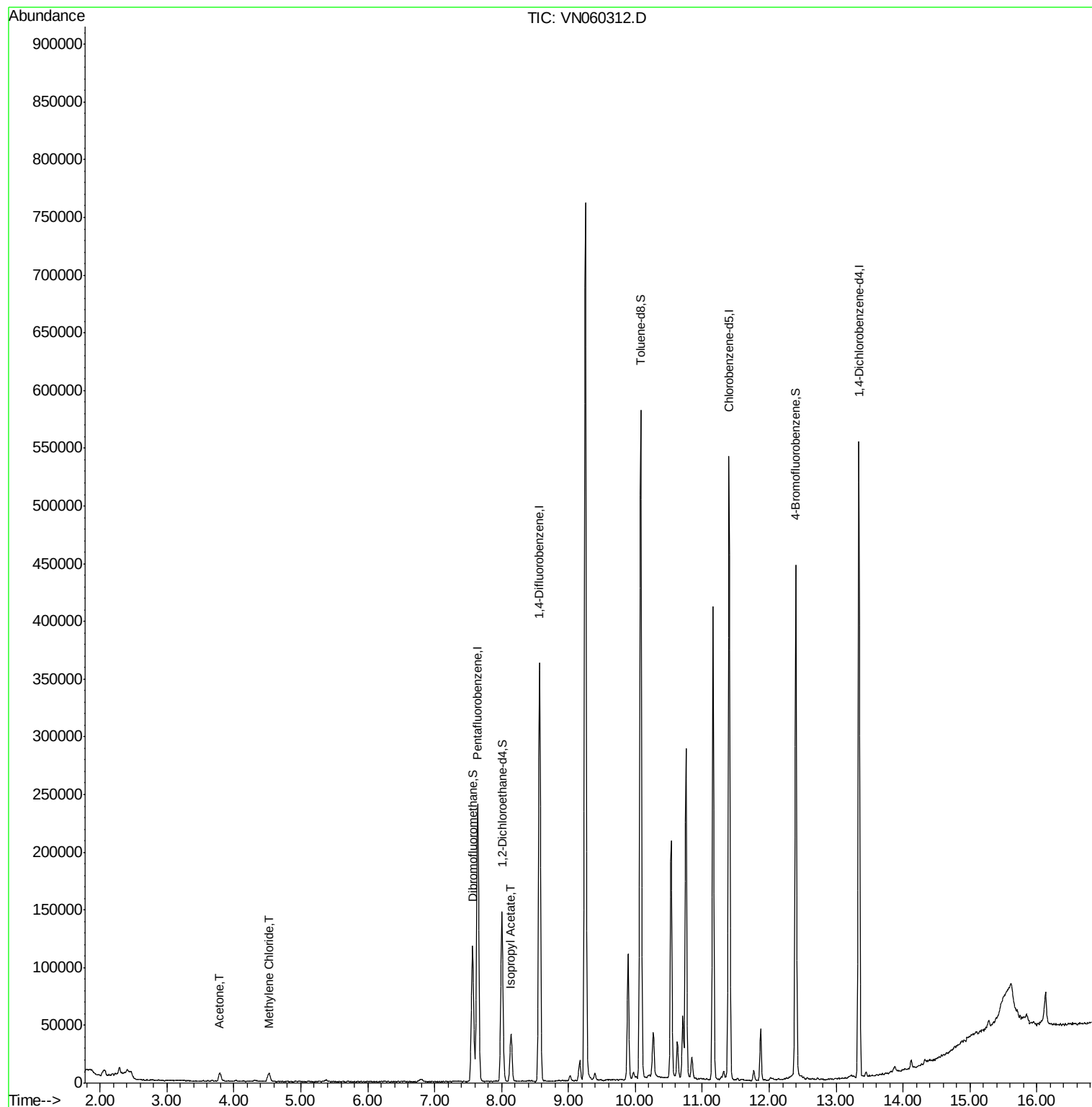
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	322530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	301081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143400	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	126577	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	7.57	113	88052	58.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.64%	
50) Toluene-d8	10.08	98	393454	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.40	95	150347	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
Target Compounds						
16) Acetone	3.79	43	13217	16.121	ug/l #	88
20) Methylene Chloride	4.52	84	5365	2.383	ug/l	98
43) Isopropyl Acetate	8.14	43	48884	9.594	ug/l #	91

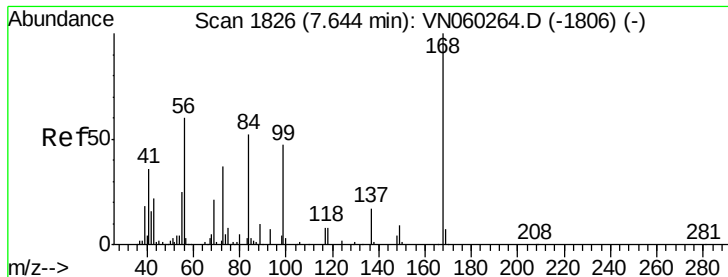
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060312.D

Acq: 2 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampled :

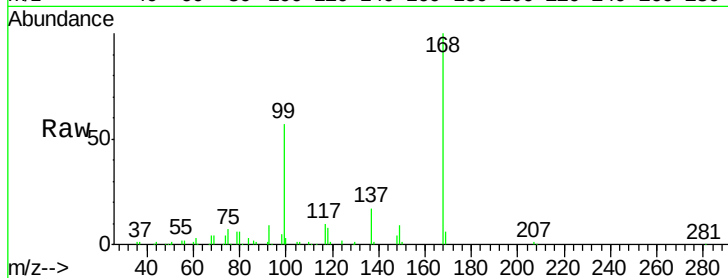
WC

Tot Ion:168 Resp: 197877

Ion Ratio Lower Upper

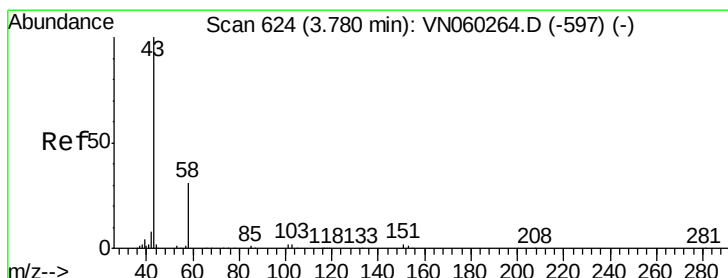
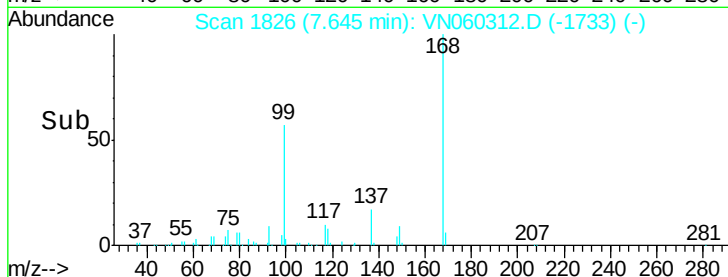
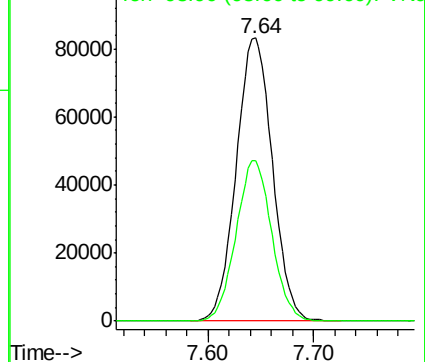
168 100

99 56.6 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: 16.121 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060312.D

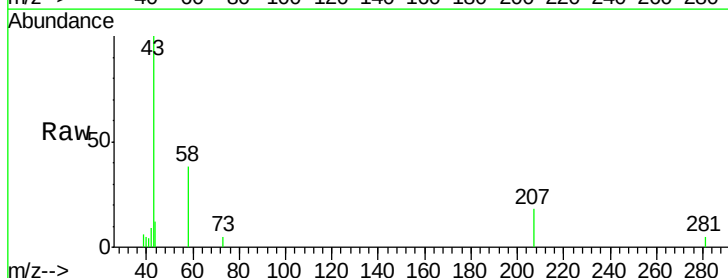
Acq: 2 Mar 2020 15:27

Tgt Ion: 43 Resp: 13217

Ion Ratio Lower Upper

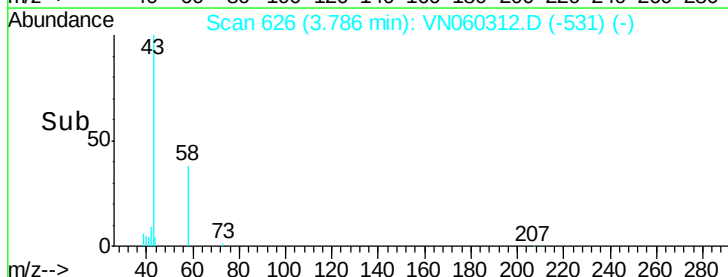
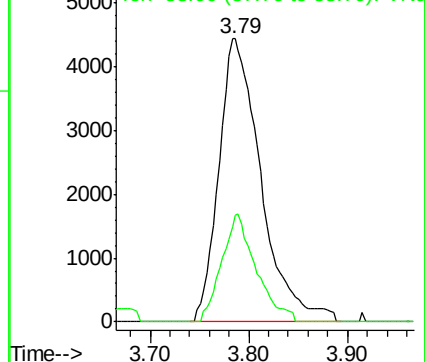
43 100

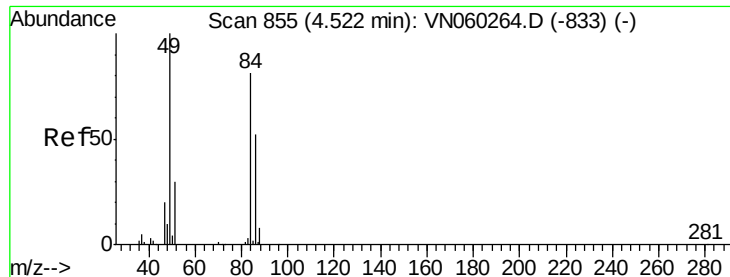
58 37.5 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

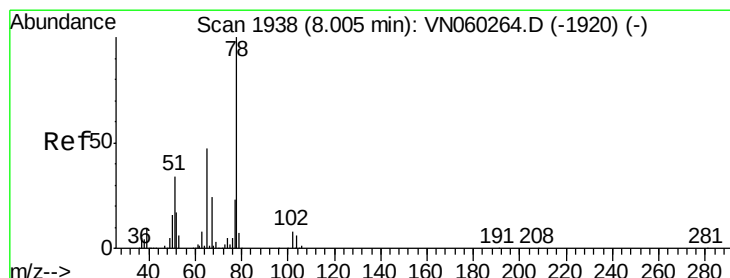
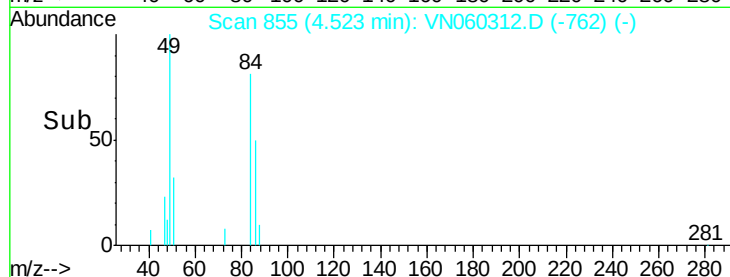
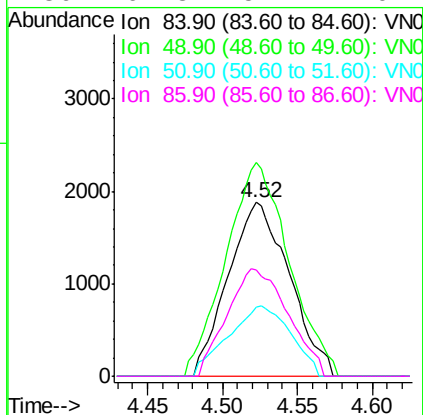
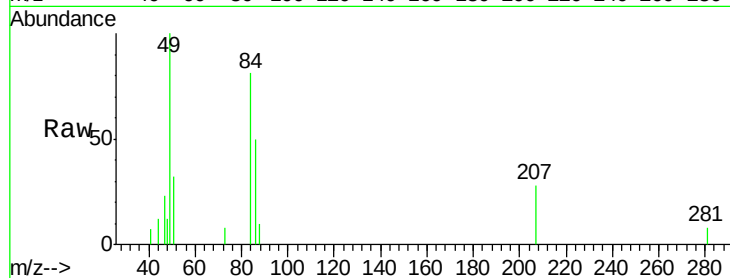




#20
Methylene Chloride
Concen: 2.383 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060312.D
Acq: 2 Mar 2020 15:27

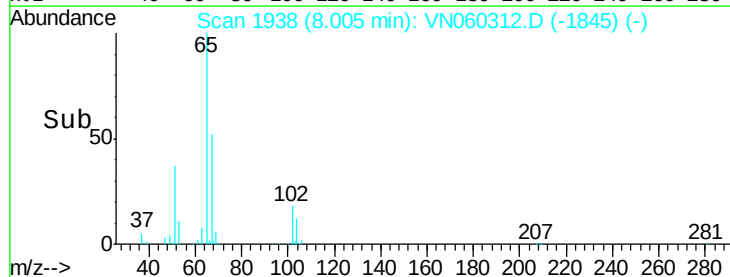
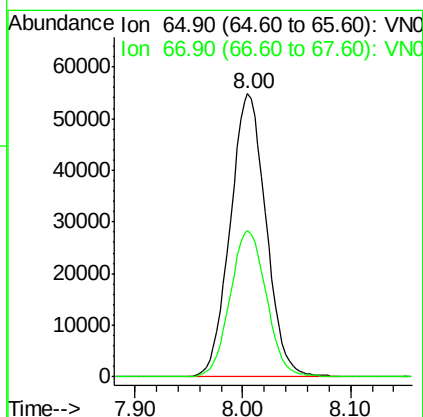
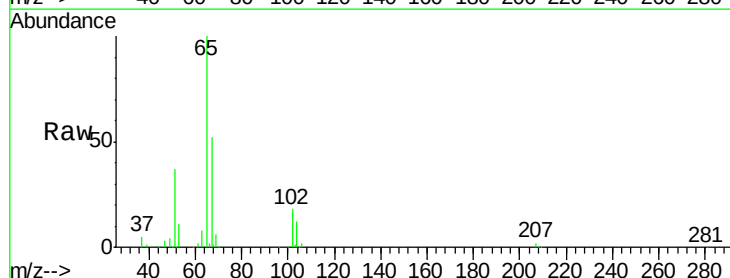
Instrument :
MSVOA_N
ClientSampled :
WC

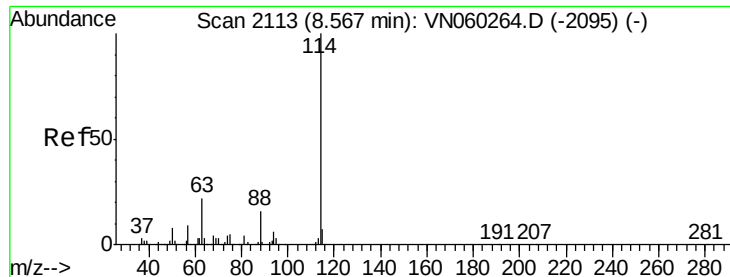
Tot Ion: 84 Resp: 5365
Ion Ratio Lower Upper
84 100
49 123.1 99.3 148.9
51 39.9 30.1 45.1
86 61.3 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.857 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060312.D
Acq: 2 Mar 2020 15:27

Tgt Ion: 65 Resp: 126577
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8

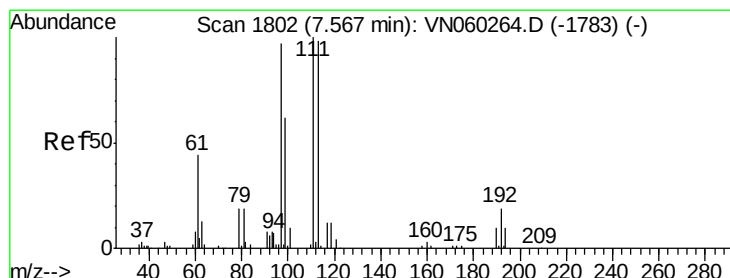
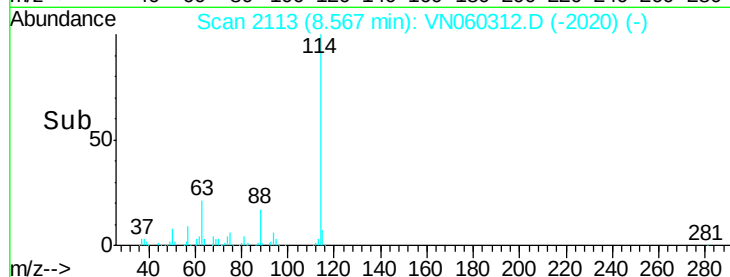
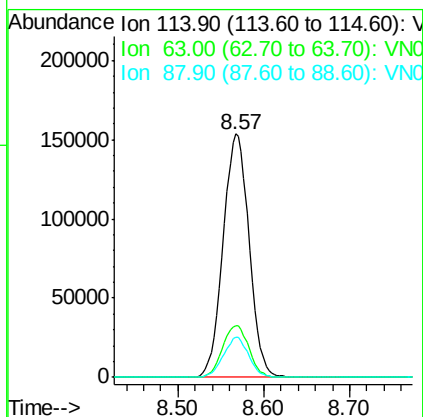
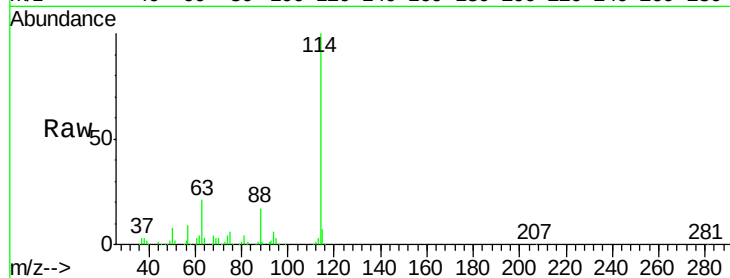




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060312.D
 Acq: 2 Mar 2020 15:27

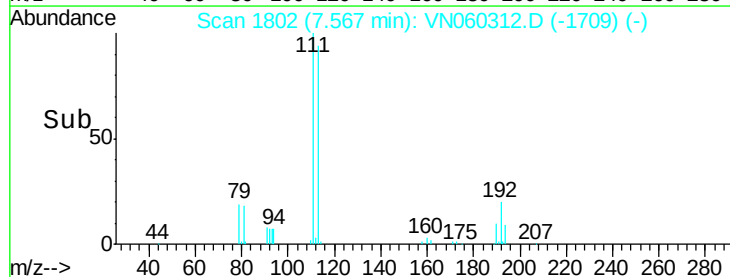
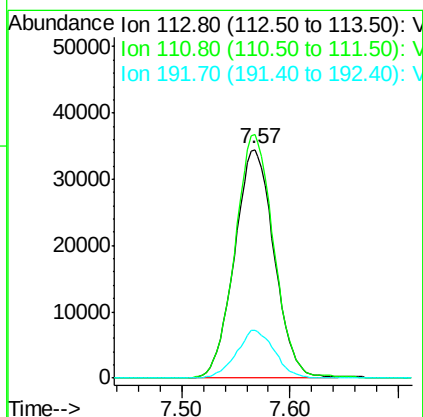
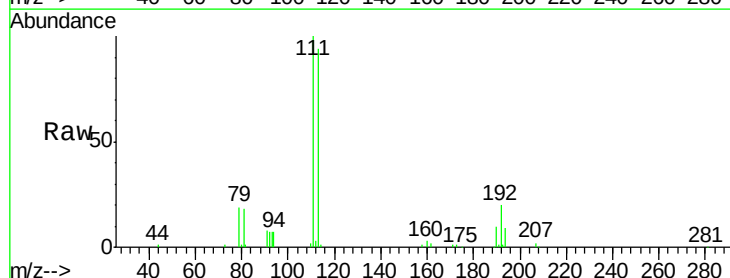
Instrument :
 MSVOA_N
 ClientSampleId :
 WC

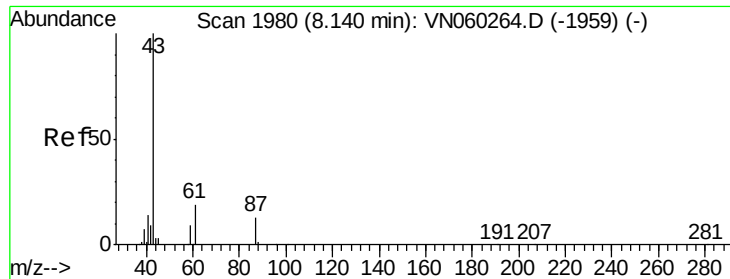
Tot Ion:114 Resp: 322530
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 16.6 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 58.816 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060312.D
 Acq: 2 Mar 2020 15:27

Tgt Ion:113 Resp: 88052
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.4 123.6
 192 20.0 16.2 24.2





#43

Isopropyl Acetate

Concen: 9.594 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060312.D

Acq: 2 Mar 2020 15:27

Instrument :

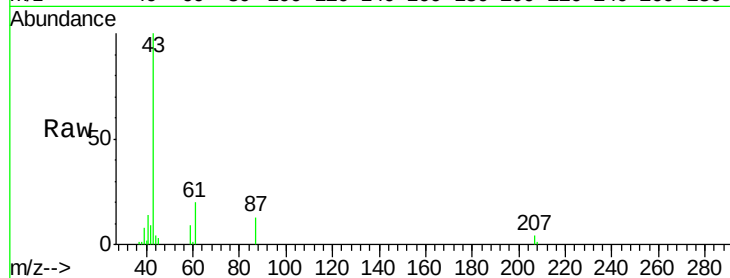
MSVOA_N

ClientSampleId :

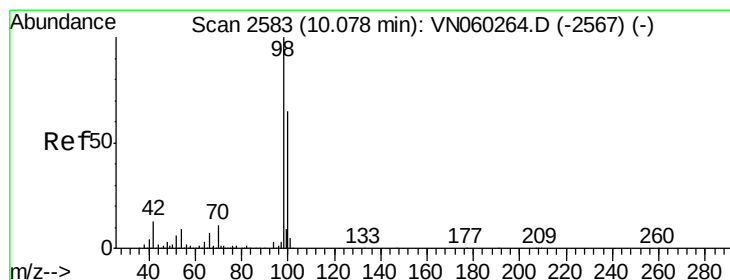
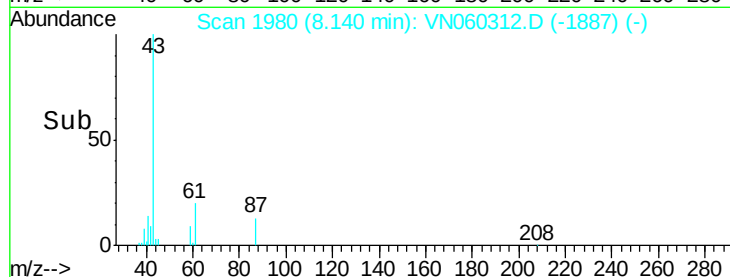
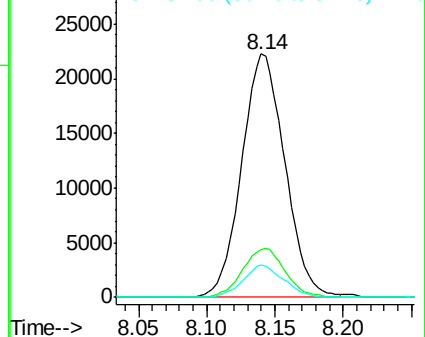
WC

Tot Ion: 43 Resp: 48884

Ion	Ratio	Lower	Upper
43	100		
61	19.7	20.9	31.3#
87	12.4	10.6	16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060312.D (-1887) (-)



#50

Toluene-d8

Concen: 51.928 ug/l

RT: 10.08 min Scan# 2583

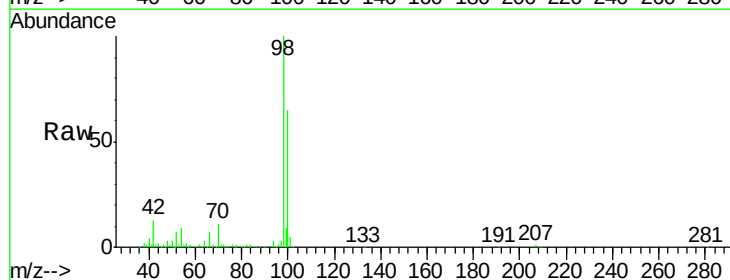
Delta R.T. 0.00 min

Lab File: VN060312.D

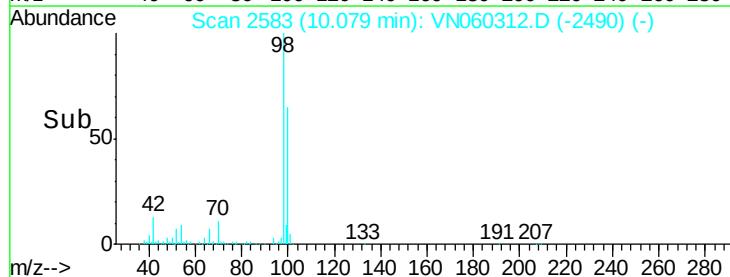
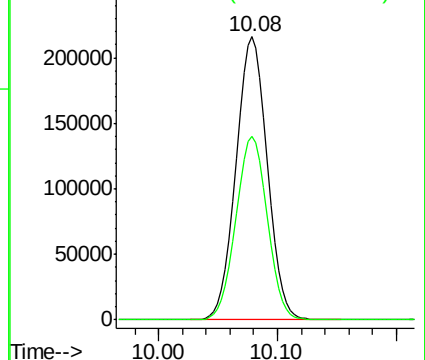
Acq: 2 Mar 2020 15:27

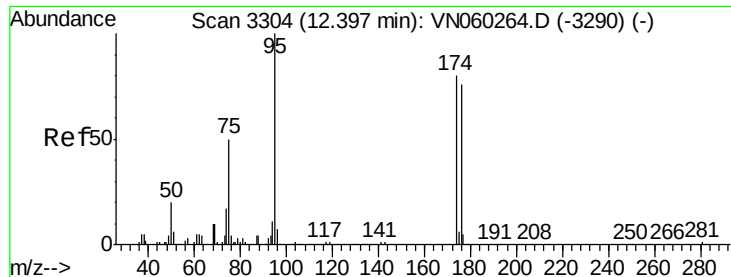
Tgt Ion: 98 Resp: 393454

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060312.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 52.345 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060312.D

Acq: 2 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

WC

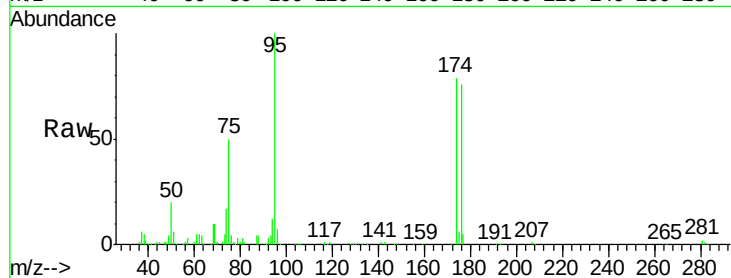
Tot Ion: 95 Resp: 150347

Ion Ratio Lower Upper

95 100

174 78.7 0.0 159.2

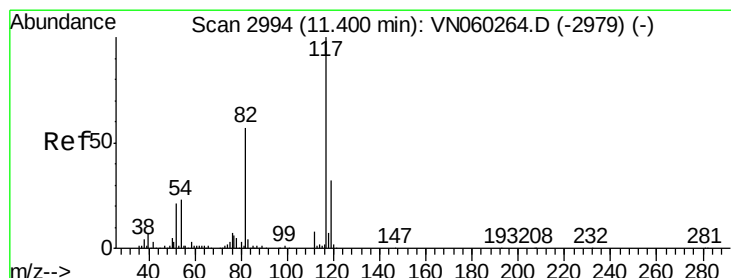
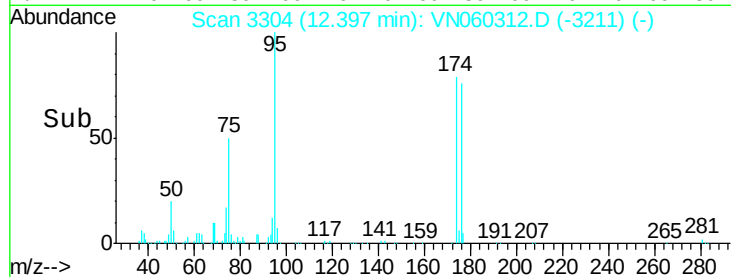
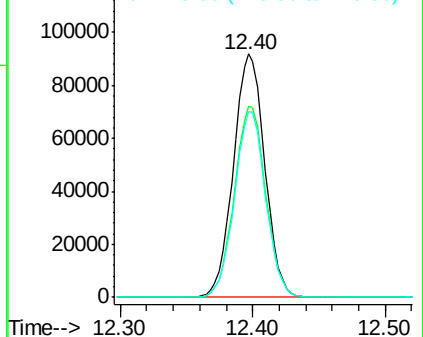
176 76.1 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060312.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060312.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060312.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060312.D

Acq: 2 Mar 2020 15:27

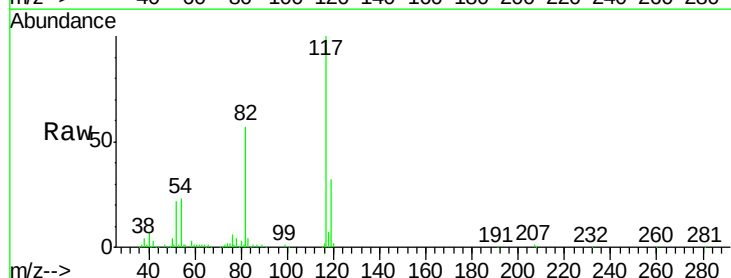
Tgt Ion: 117 Resp: 301081

Ion Ratio Lower Upper

117 100

82 57.0 45.8 68.6

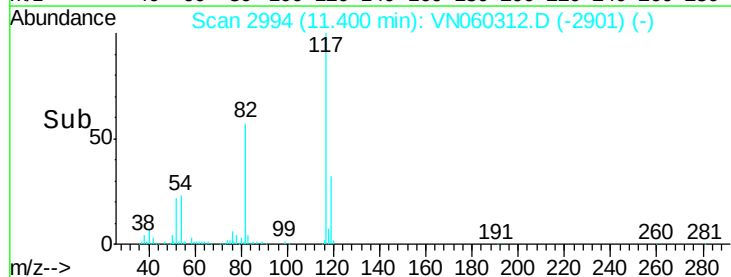
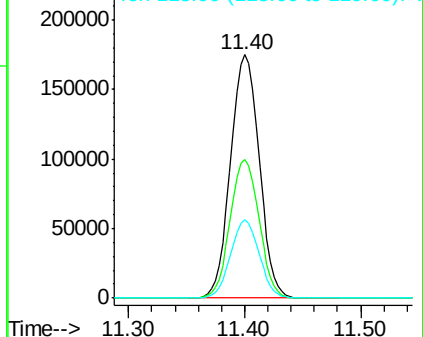
119 32.1 25.8 38.8

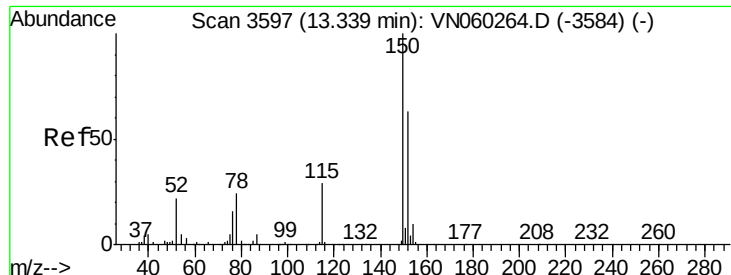


Abundance Ion 116.90 (116.60 to 117.60): VN060312.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060312.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060312.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060312.D

Acq: 2 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

WC

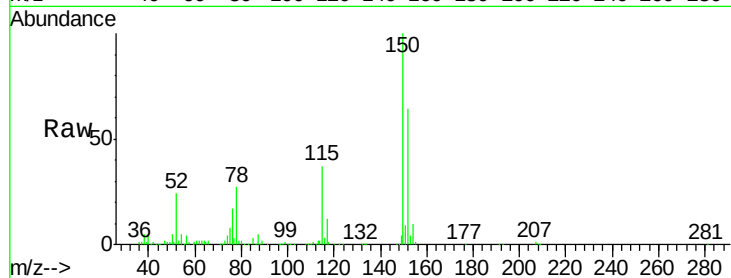
Tot Ion:152 Resp: 143400

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 157.7 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

