

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022820\
 Data File : VN060290.D
 Acq On : 28 Feb 2020 17:20
 Operator : JC/MD
 Sample : L1718-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11976

Quant Time: Feb 29 02:25:20 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

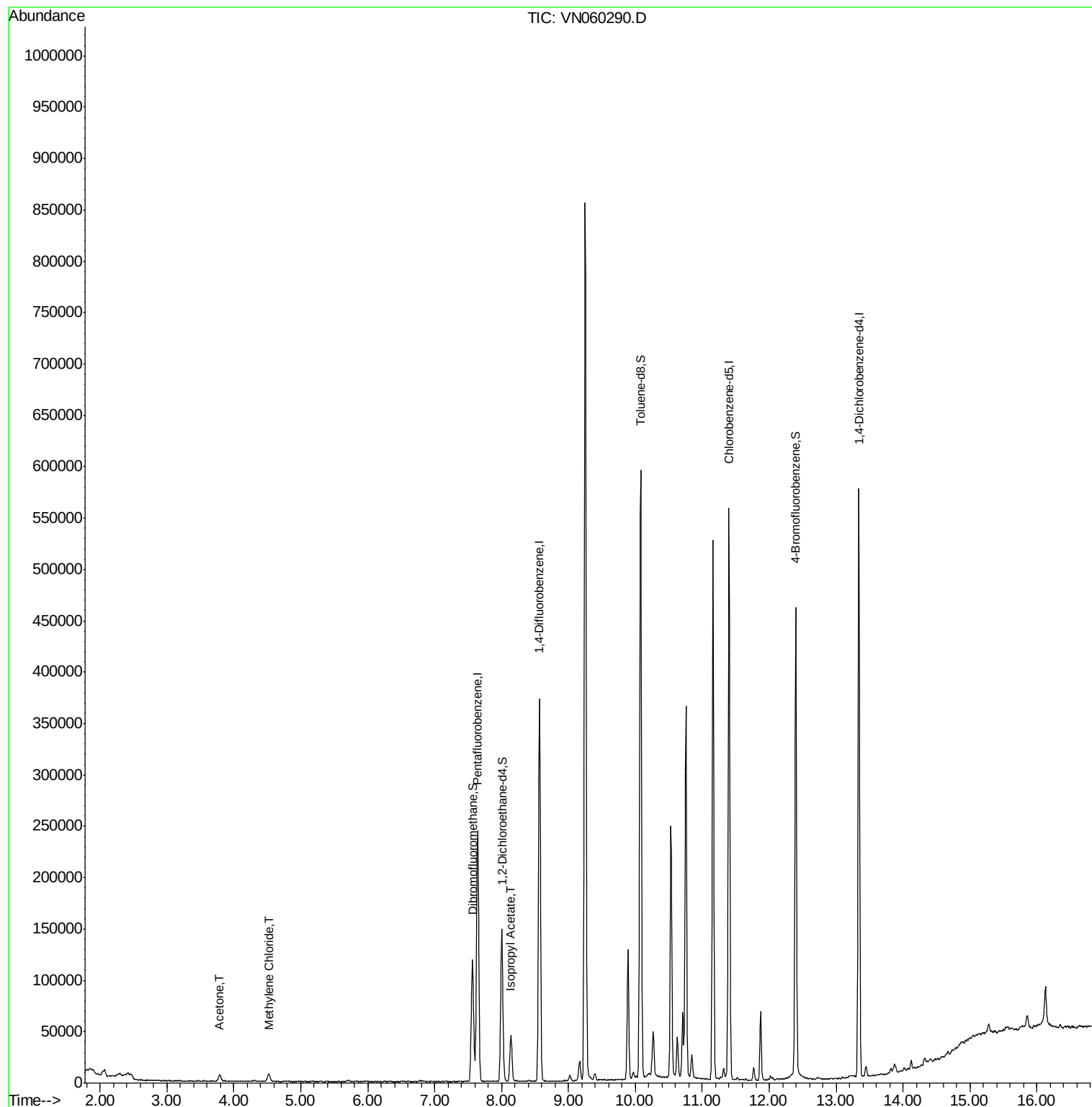
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	328419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	308774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127616	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
35) Dibromofluoromethane	7.56	113	90160	59.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.28%	
50) Toluene-d8	10.08	98	403727	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.40	95	152078	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
Target Compounds						
16) Acetone	3.79	43	11953	14.278	ug/l	98
20) Methylene Chloride	4.52	84	5520	2.401	ug/l #	94
43) Isopropyl Acetate	8.14	43	54191	10.444	ug/l #	90

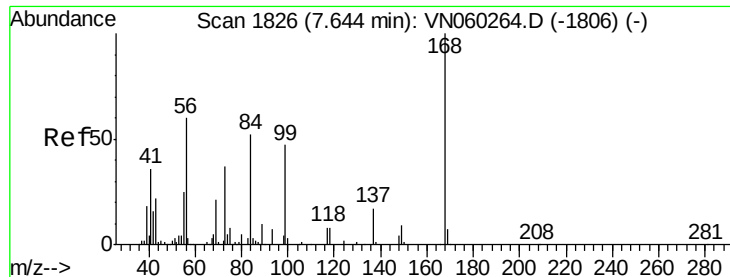
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022820\
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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# 1826

Delta R.T. 0.00 min

Lab File: VN060290.D

Acq: 28 Feb 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

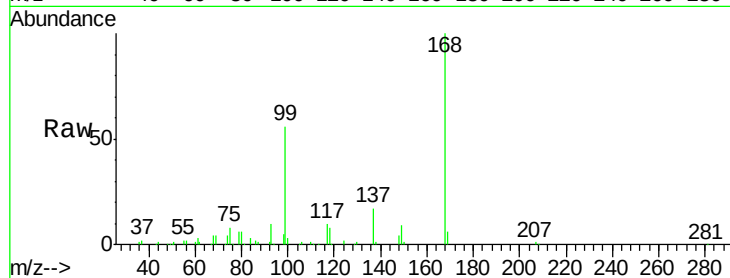
72-11976

Tot Ion:168 Resp: 202058

Ion Ratio Lower Upper

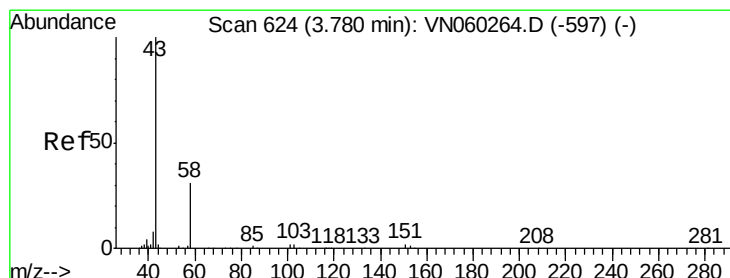
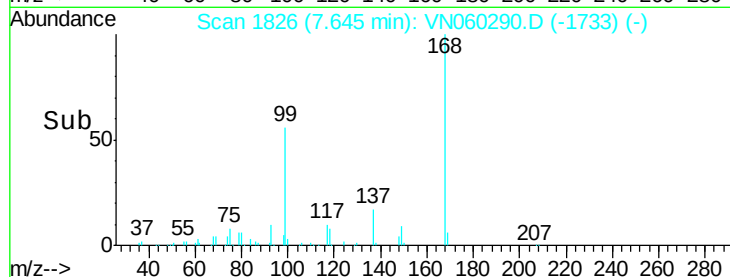
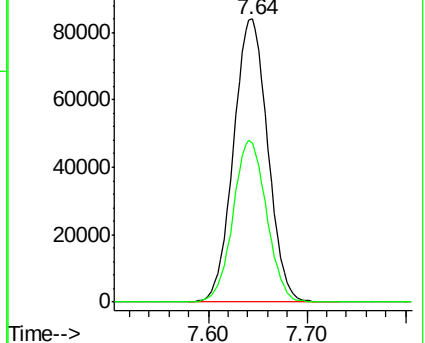
168 100

99 56.2 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 14.278 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060290.D

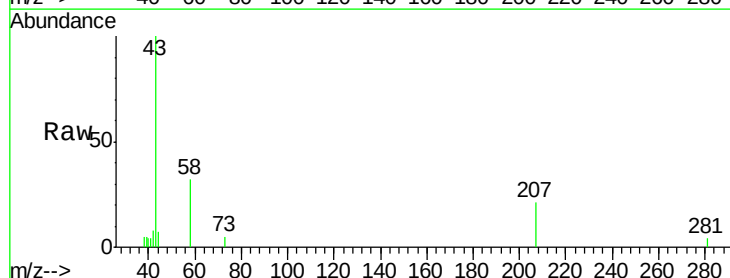
Acq: 28 Feb 2020 17:20

Tgt Ion: 43 Resp: 11953

Ion Ratio Lower Upper

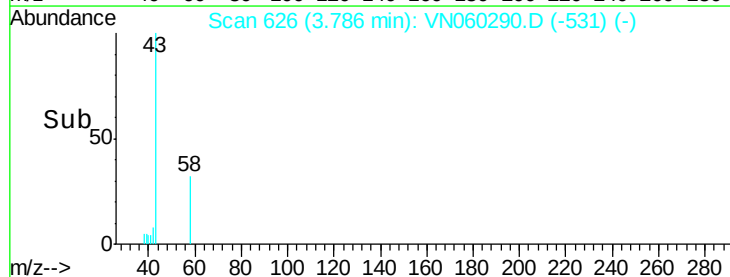
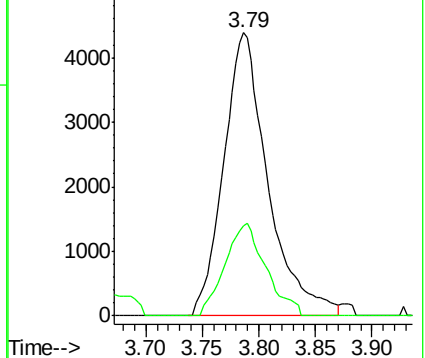
43 100

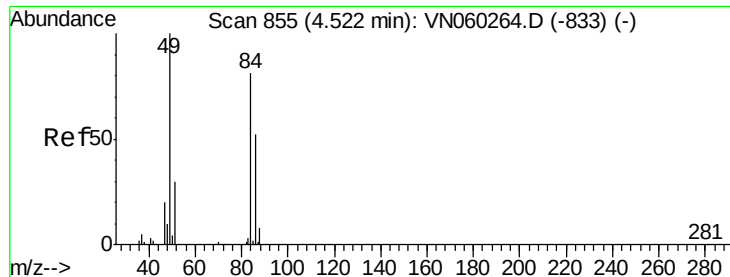
58 32.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

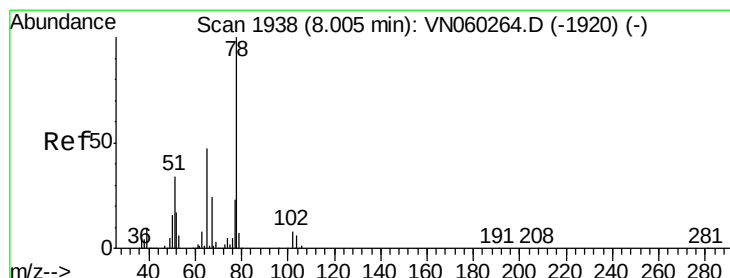
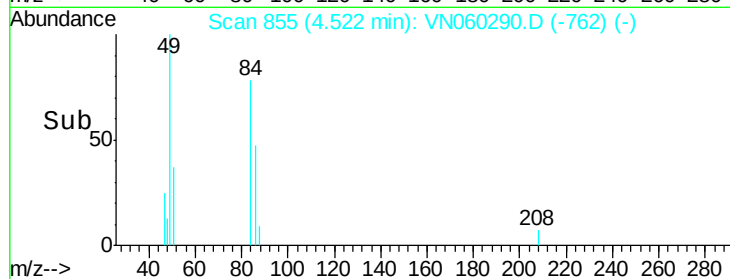
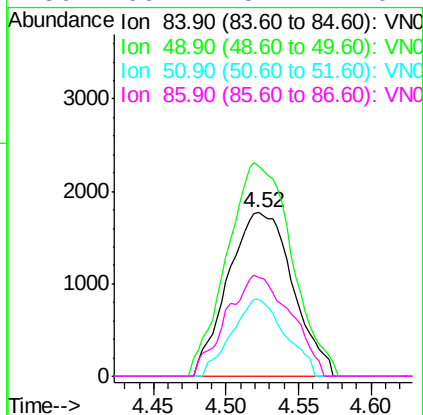
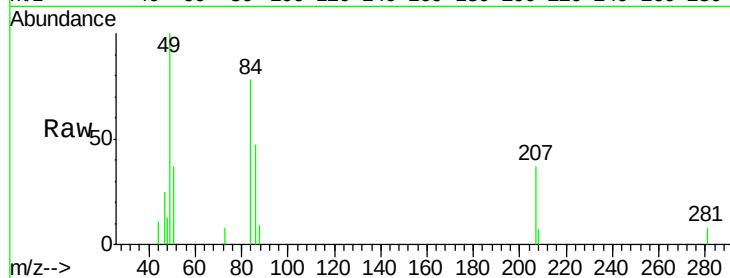




#20
Methylene Chloride
Concen: 2.401 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060290.D
Acq: 28 Feb 2020 17:20

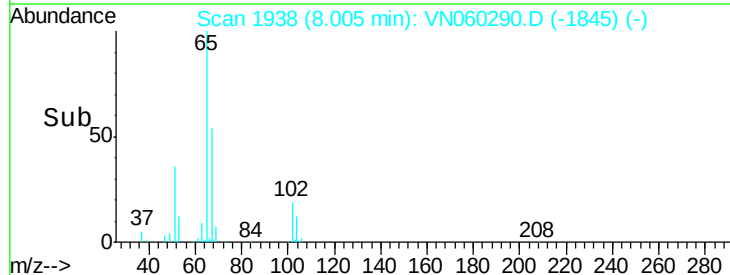
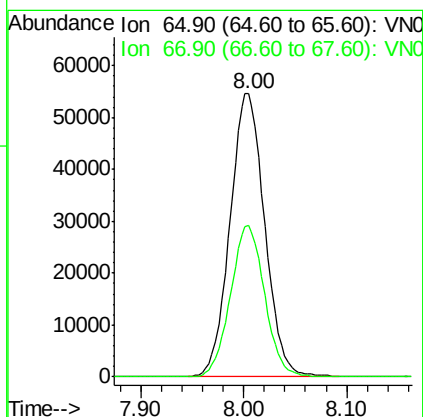
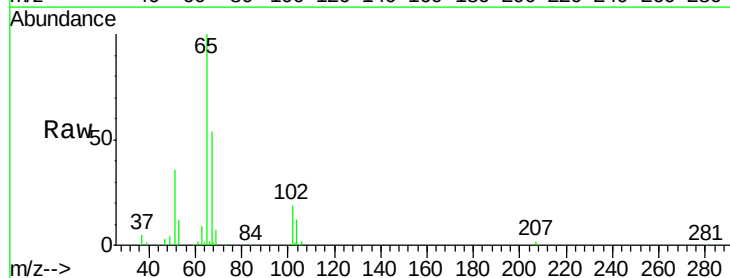
Instrument :
MSVOA_N
ClientSampled :
72-11976

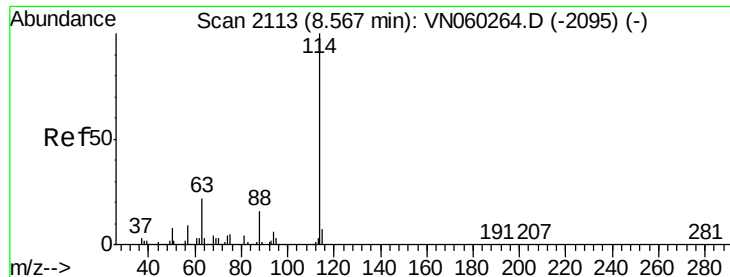
Tot Ion: 84 Resp: 5520
Ion Ratio Lower Upper
84 100
49 128.7 99.3 148.9
51 47.2 30.1 45.1#
86 60.7 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.226 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060290.D
Acq: 28 Feb 2020 17:20

Tgt Ion: 65 Resp: 127616
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.8

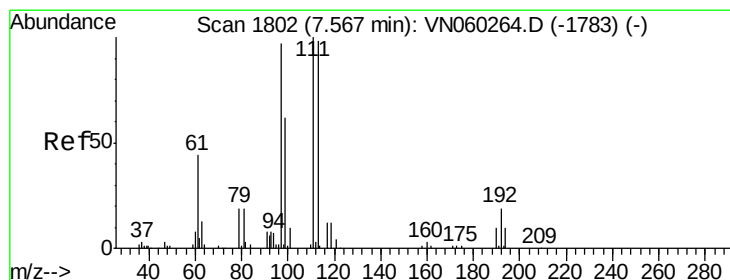
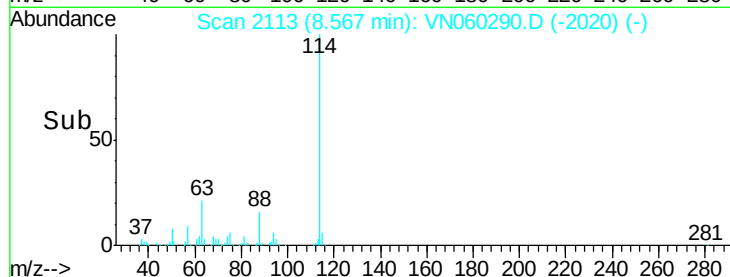
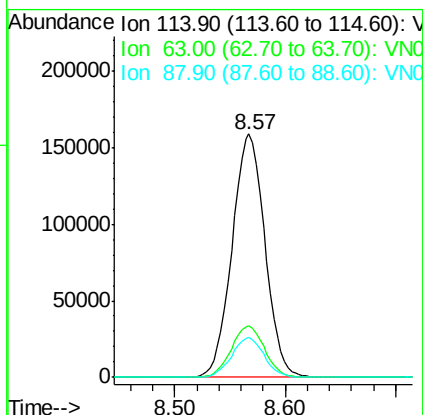
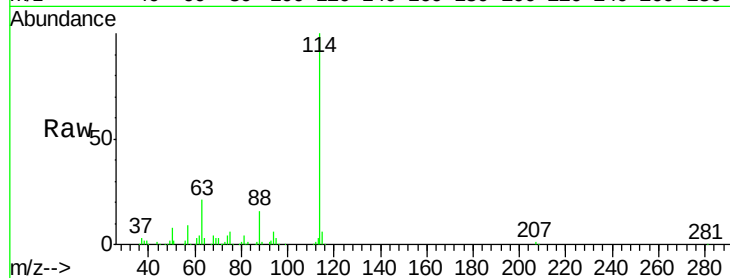




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060290.D
 Acq: 28 Feb 2020 17:20

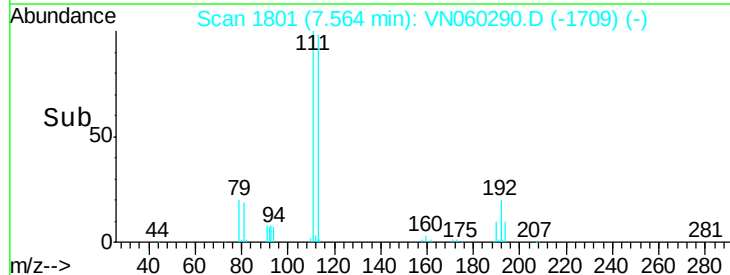
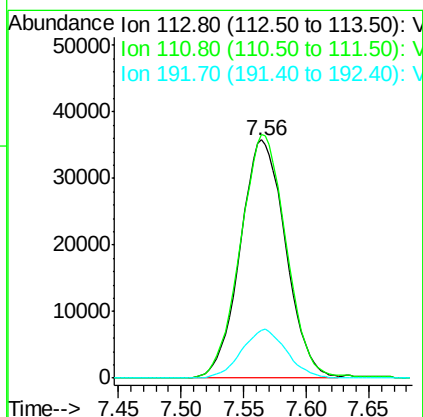
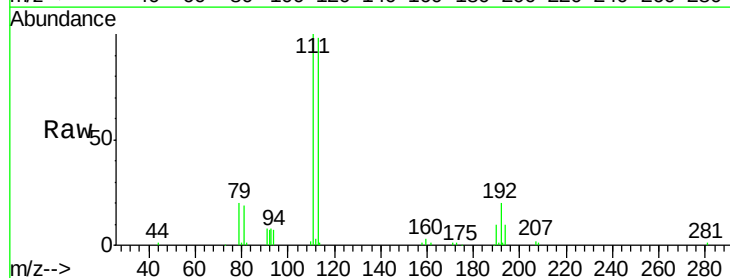
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11976

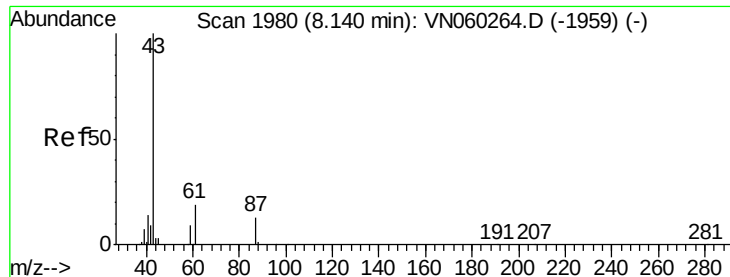
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.2
88	16.4	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 59.144 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060290.D
 Acq: 28 Feb 2020 17:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	20.1	16.2	24.2





#43

Isopropyl Acetate

Concen: 10.444 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060290.D

Acq: 28 Feb 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

72-11976

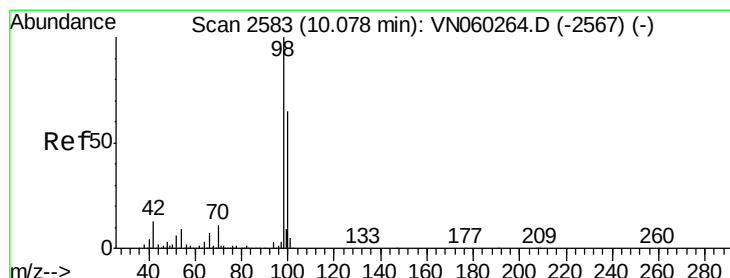
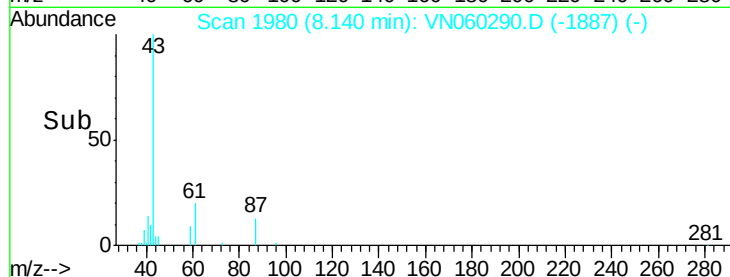
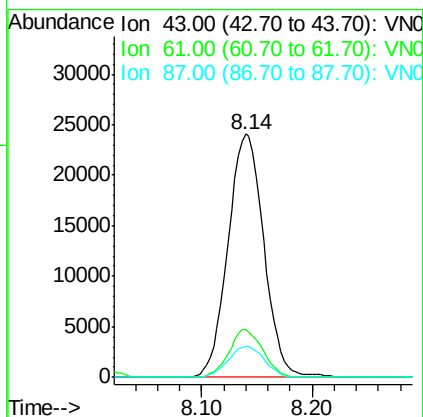
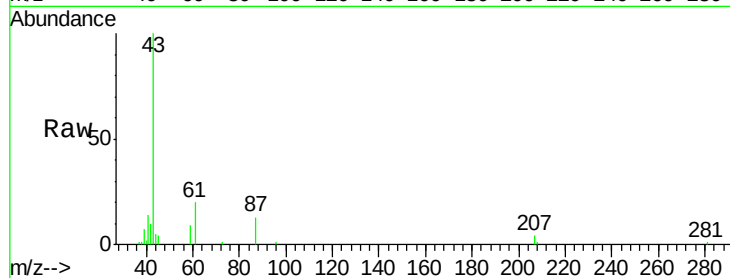
Tot Ion: 43 Resp: 54191

Ion Ratio Lower Upper

43 100

61 18.5 20.9 31.3#

87 12.7 10.6 16.0



#50

Toluene-d8

Concen: 52.328 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060290.D

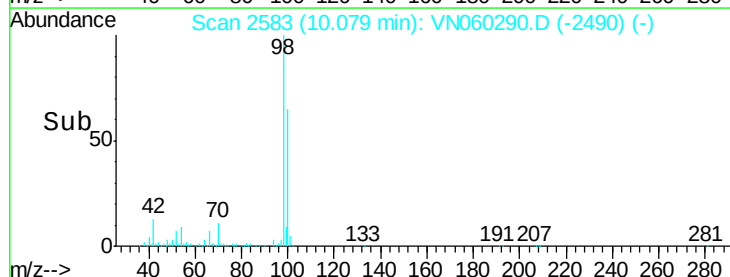
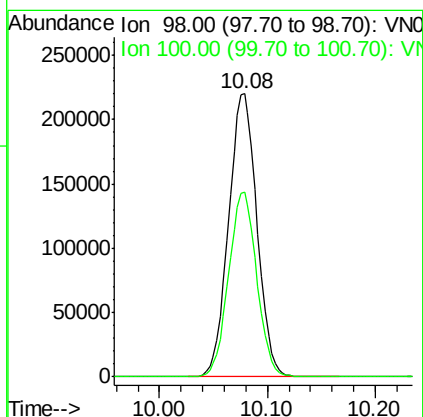
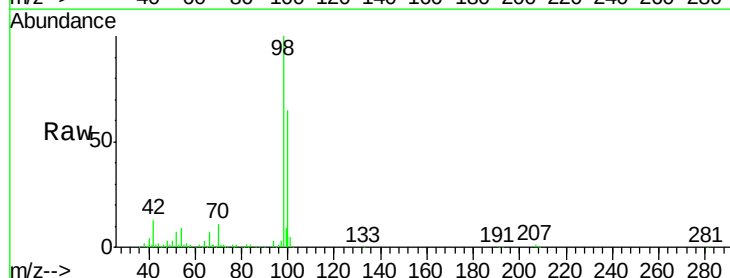
Acq: 28 Feb 2020 17:20

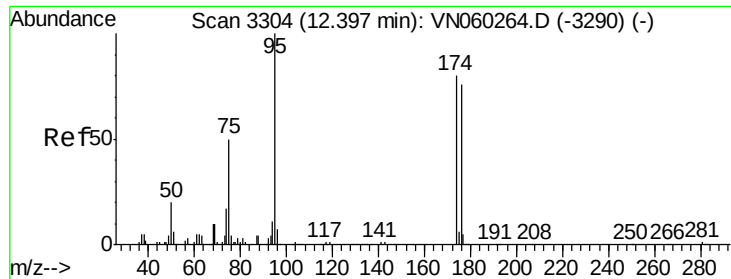
Tgt Ion: 98 Resp: 403727

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 51.998 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060290.D

Acq: 28 Feb 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

72-11976

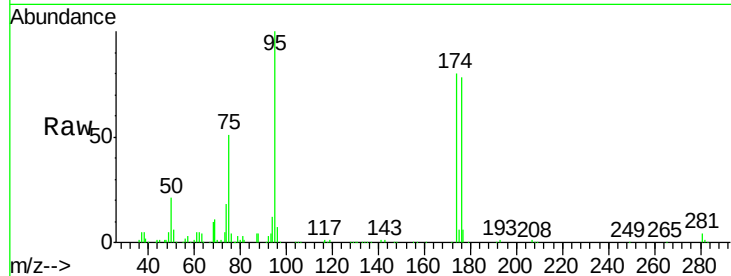
Tot Ion: 95 Resp: 152078

Ion Ratio Lower Upper

95 100

174 80.7 0.0 159.2

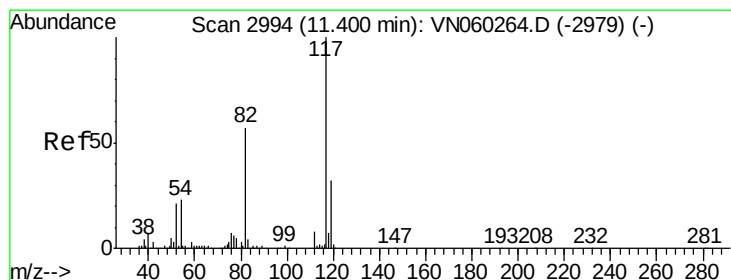
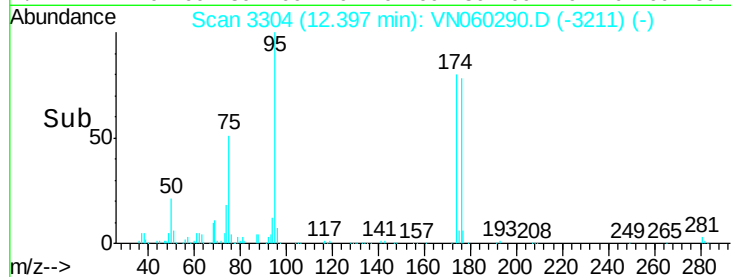
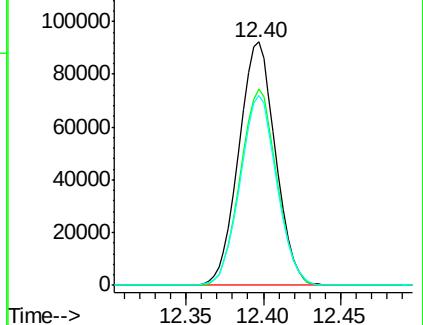
176 78.0 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060290.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060290.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060290.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060290.D

Acq: 28 Feb 2020 17:20

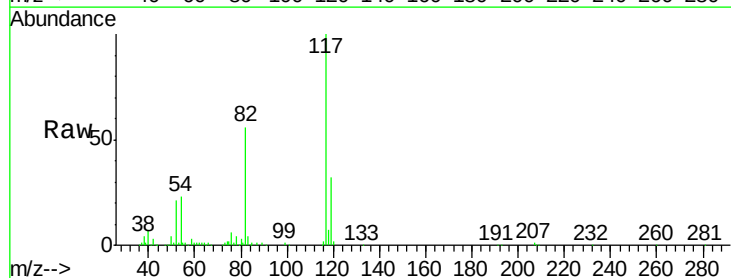
Tgt Ion: 117 Resp: 308774

Ion Ratio Lower Upper

117 100

82 56.2 45.8 68.6

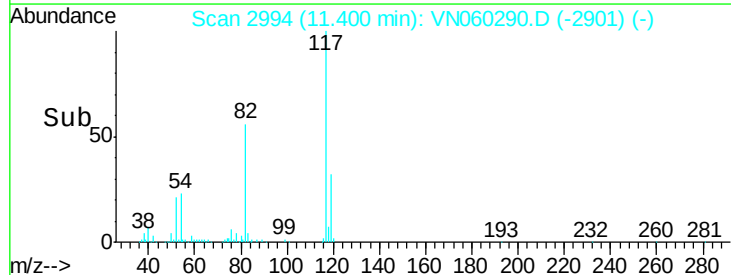
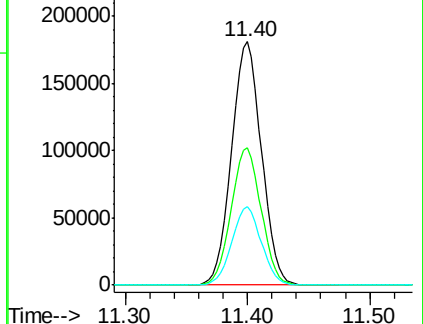
119 32.3 25.8 38.8

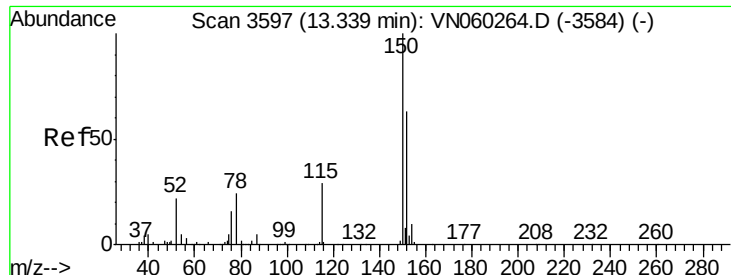


Abundance Ion 116.90 (116.60 to 117.60): VN060290.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060290.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060290.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: VN060290.D

Acq: 28 Feb 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

72-11976

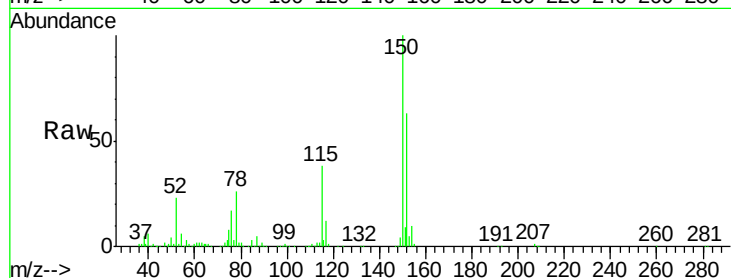
Tot Ion:152 Resp: 148891

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 157.6 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

