

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060637.D
 Acq On : 19 Mar 2020 15:23
 Operator : JC/MD
 Sample : L1964-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2000448388

Quant Time: Mar 20 07:37:45 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

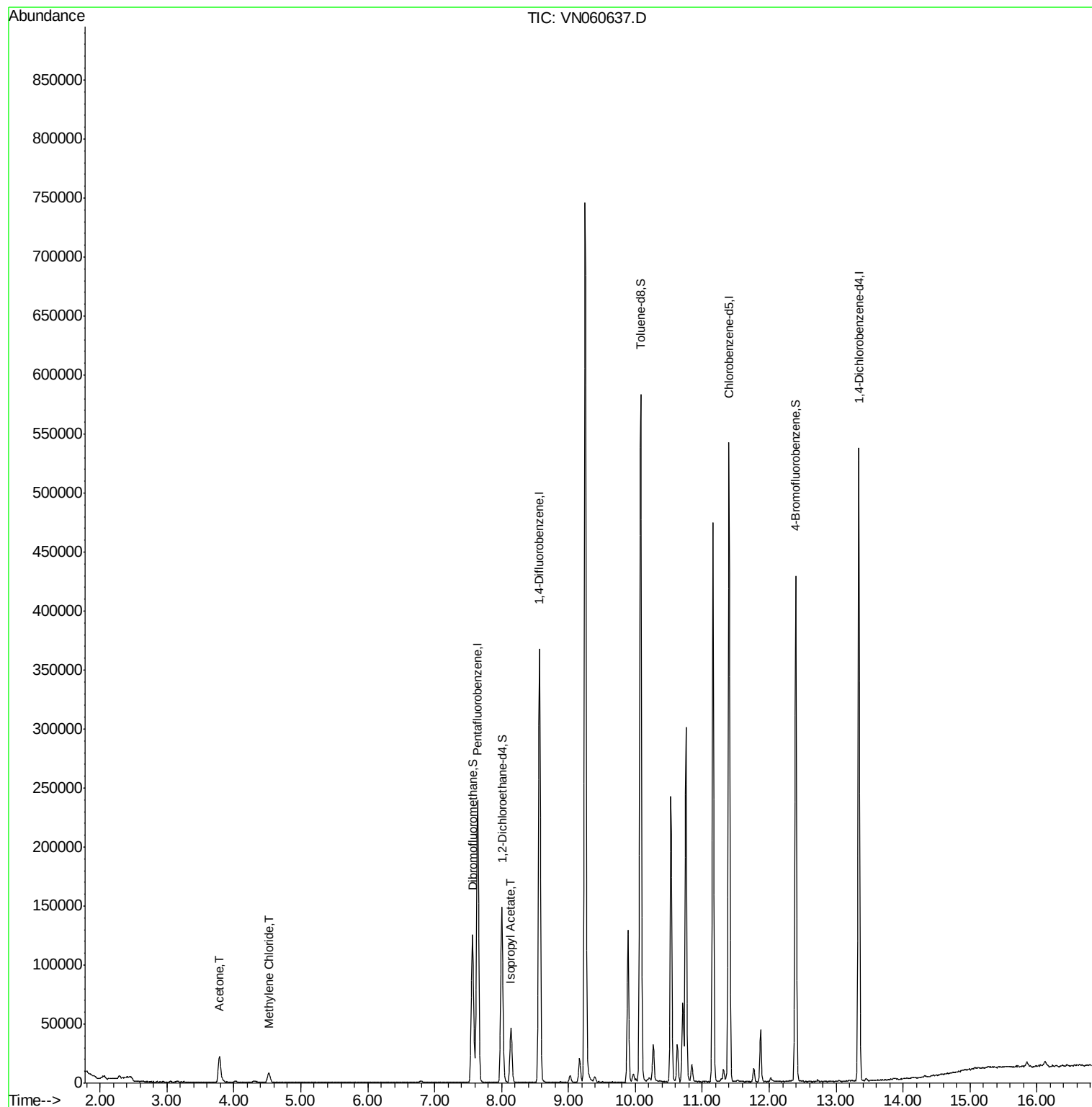
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	327981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128854	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
35) Dibromofluoromethane	7.56	113	97576	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	10.08	98	403215	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	151760	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
Target Compounds						
16) Acetone	3.78	43	38913	40.559	ug/l	99
20) Methylene Chloride	4.52	84	6153	2.607	ug/l	97
43) Isopropyl Acetate	8.14	43	55905	9.878	ug/l #	91

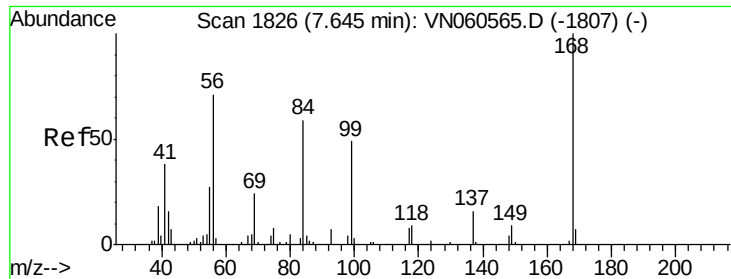
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031920\
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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: VN060637.D

Acq: 19 Mar 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

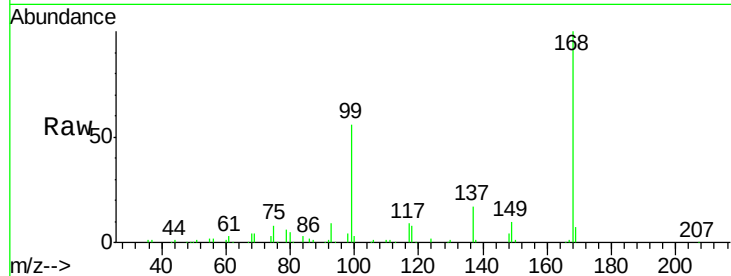
2000448388

Tot Ion:168 Resp: 197306

Ion Ratio Lower Upper

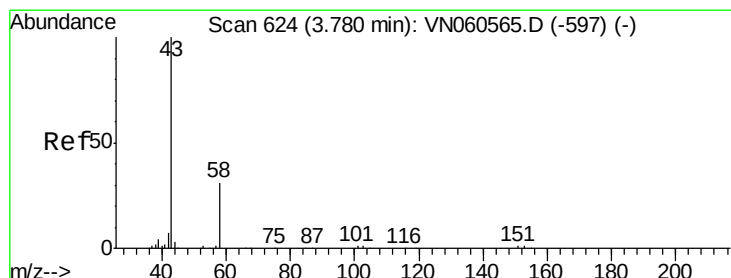
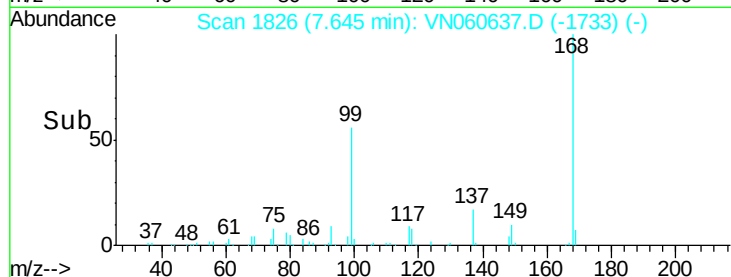
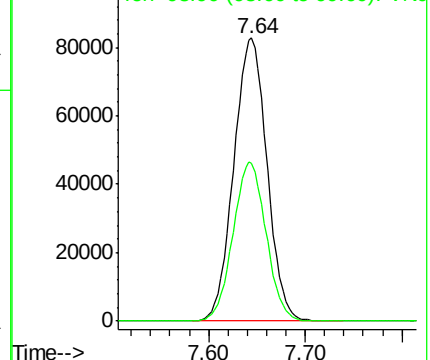
168 100

99 55.7 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: 40.559 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060637.D

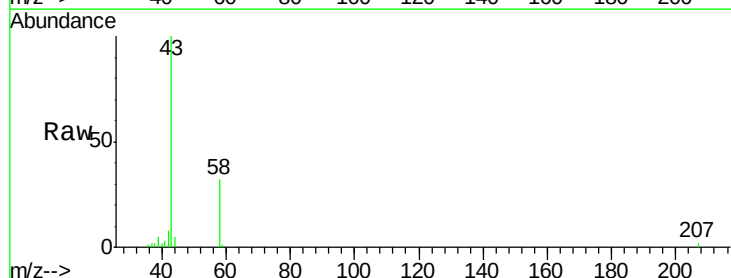
Acq: 19 Mar 2020 15:23

Tgt Ion: 43 Resp: 38913

Ion Ratio Lower Upper

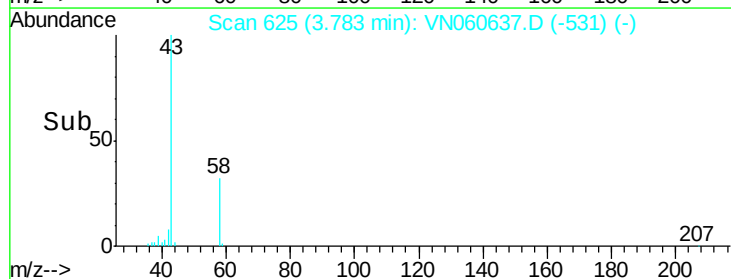
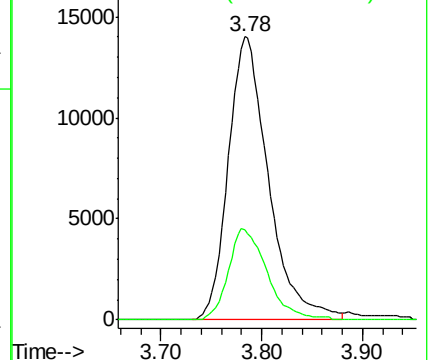
43 100

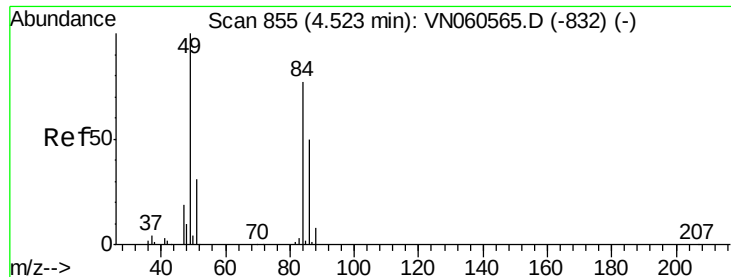
58 31.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

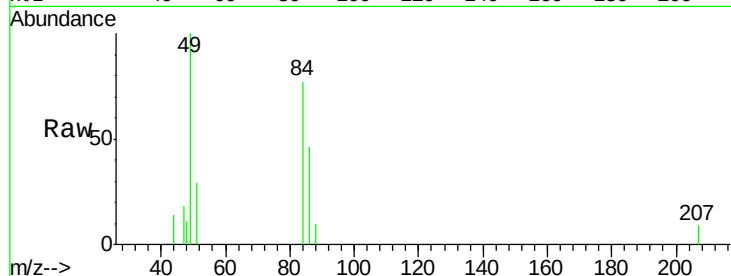




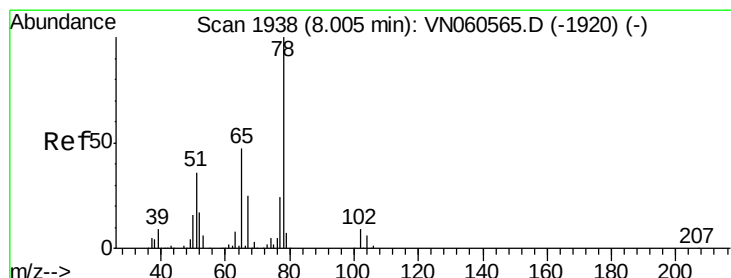
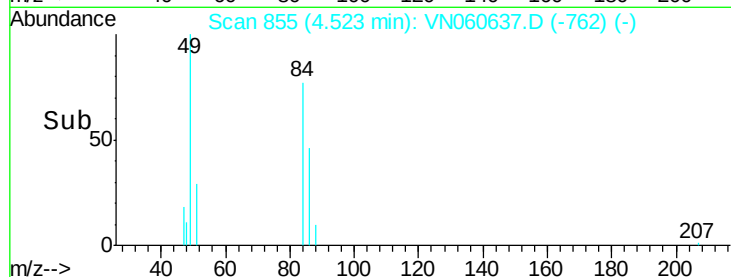
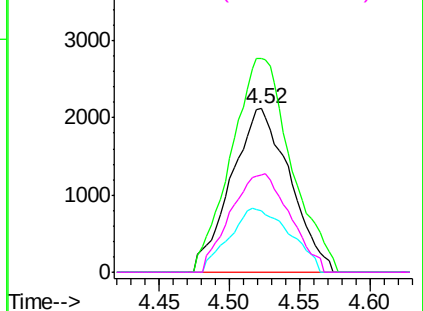
#20
Methylene Chloride
Concen: 2.607 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060637.D
Acq: 19 Mar 2020 15:23

Instrument :
MSVOA_N
ClientSampled :
2000448388

Tot Ion: 84 Resp: 6153
Ion Ratio Lower Upper
84 100
49 130.4 103.3 154.9
51 37.3 31.6 47.4
86 59.5 52.0 78.0

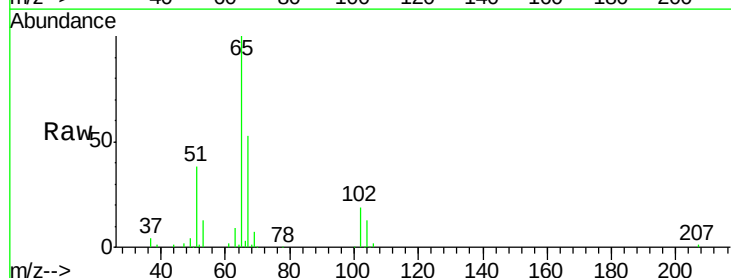


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

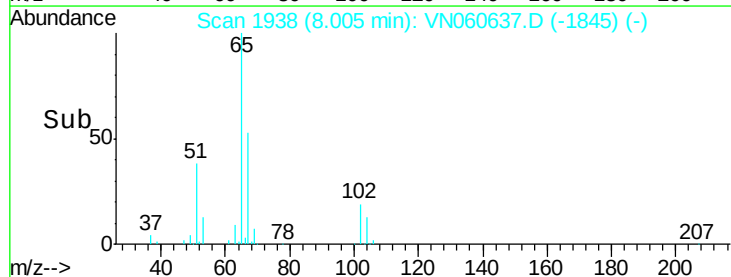
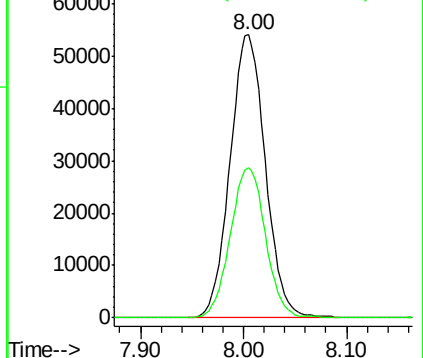


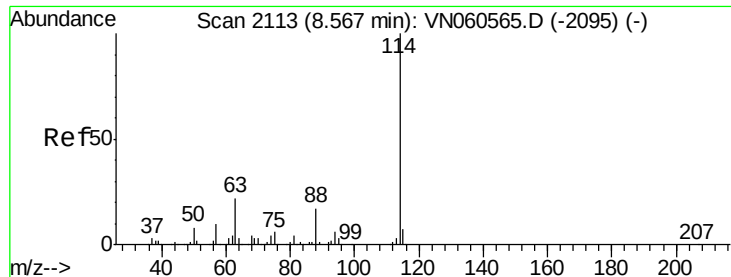
#33
1,2-Dichloroethane-d4
Concen: 47.573 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060637.D
Acq: 19 Mar 2020 15:23

Tgt Ion: 65 Resp: 128854
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

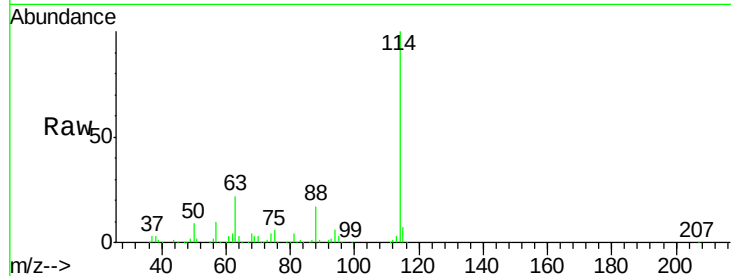




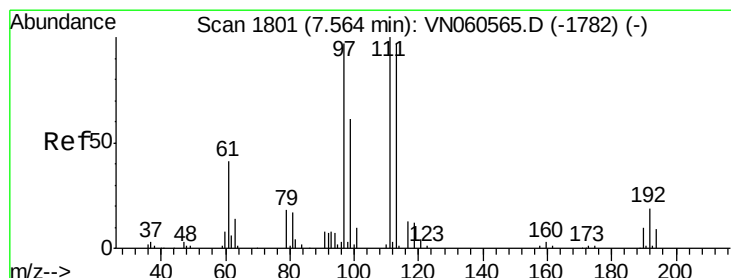
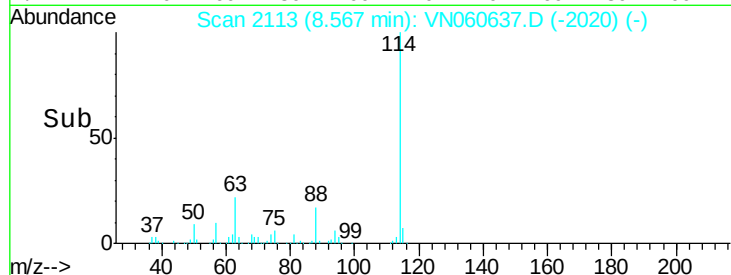
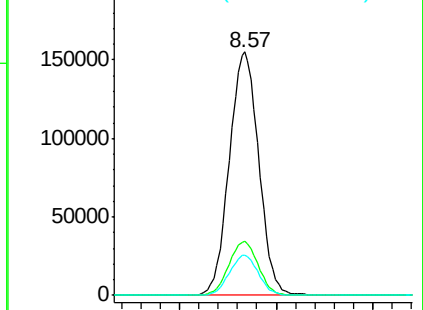
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060637.D
 Acq: 19 Mar 2020 15:23

Instrument :
 MSVOA_N
 ClientSampleId :
 2000448388

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.8
88	16.5	0.0	33.0

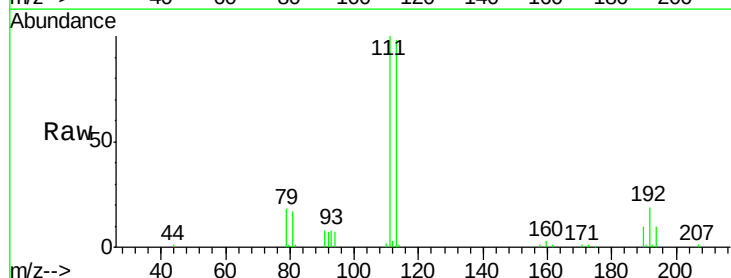


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

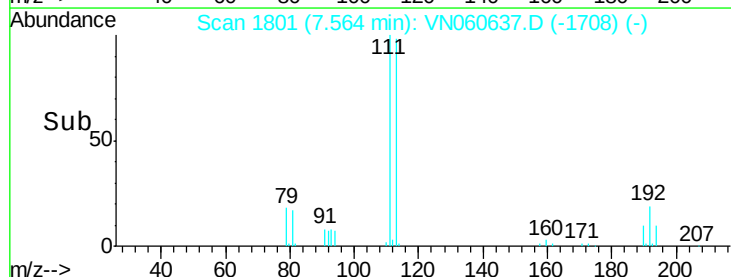
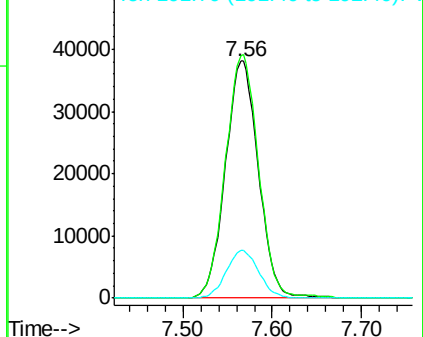


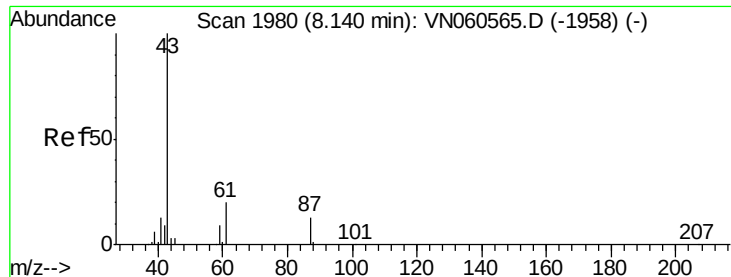
#35
 Dibromofluoromethane
 Concen: 49.201 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060637.D
 Acq: 19 Mar 2020 15:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	19.7	15.8	23.8



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: 9.878 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060637.D

Acq: 19 Mar 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

2000448388

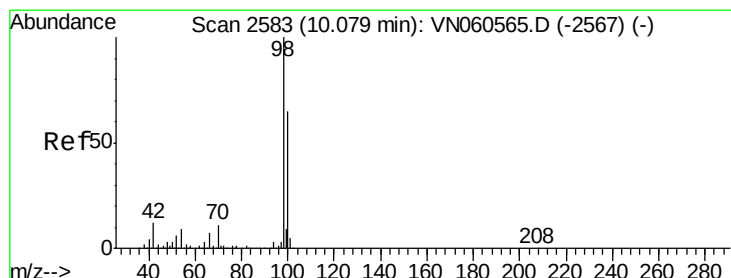
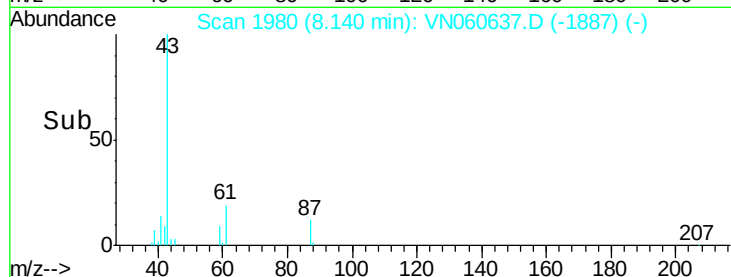
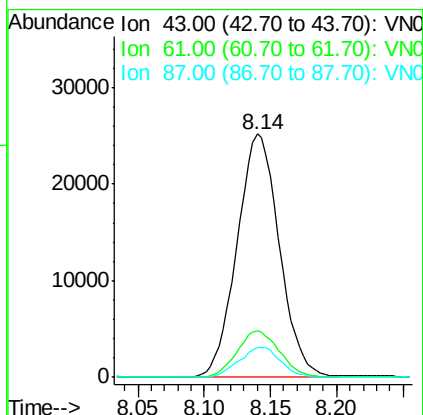
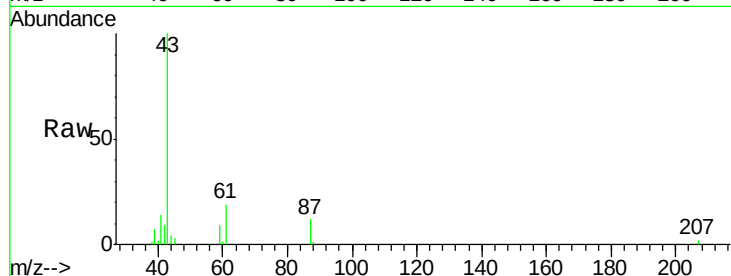
Tot Ion: 43 Resp: 55905

Ion Ratio Lower Upper

43 100

61 19.1 20.7 31.1#

87 11.9 9.8 14.8



#50

Toluene-d8

Concen: 49.776 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060637.D

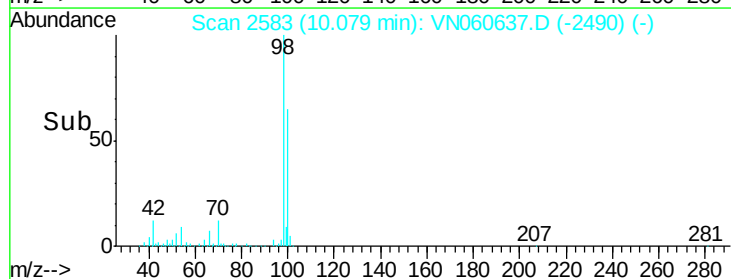
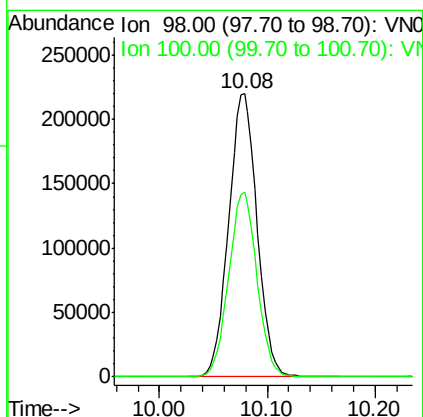
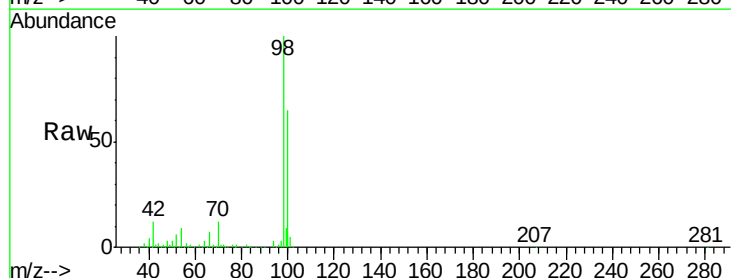
Acq: 19 Mar 2020 15:23

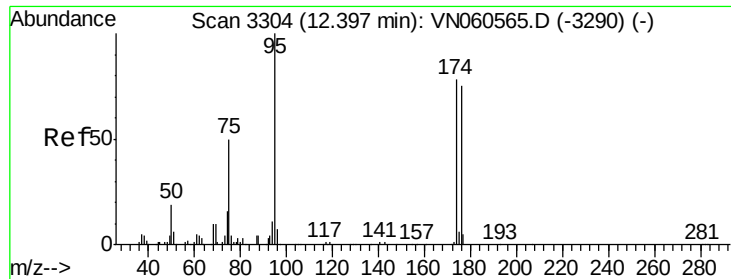
Tgt Ion: 98 Resp: 403215

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.119 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060637.D

Acq: 19 Mar 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

2000448388

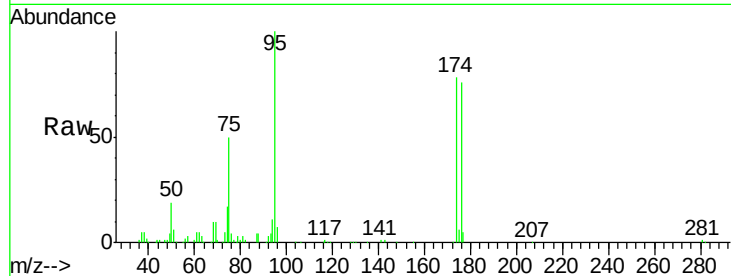
Tot Ion: 95 Resp: 151760

Ion Ratio Lower Upper

95 100

174 77.4 0.0 157.6

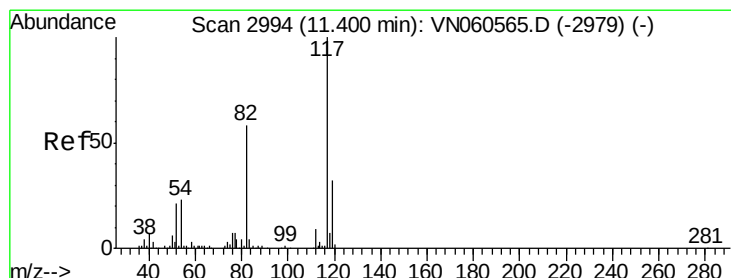
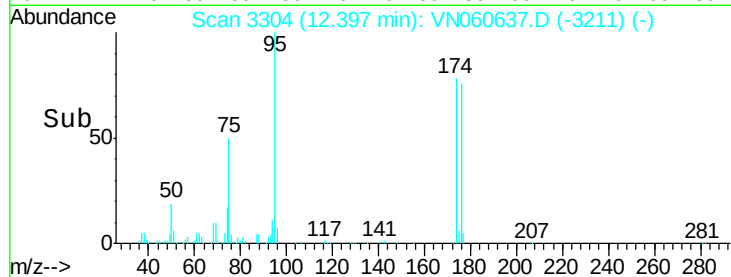
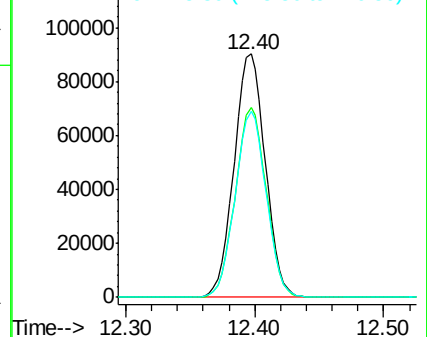
176 75.9 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060637.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060637.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060637.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060637.D

Acq: 19 Mar 2020 15:23

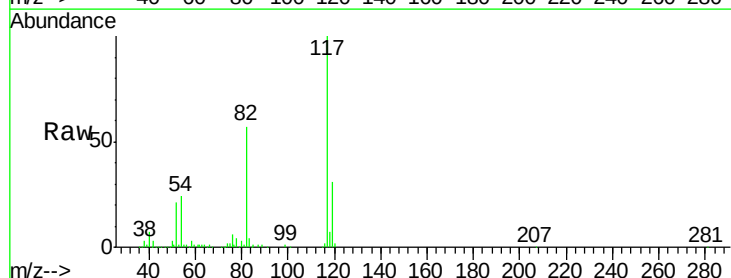
Tgt Ion: 117 Resp: 307785

Ion Ratio Lower Upper

117 100

82 57.4 46.7 70.1

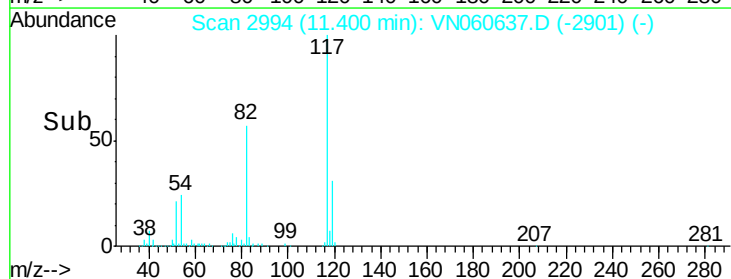
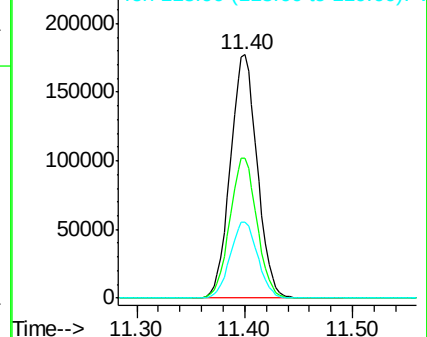
119 31.4 25.5 38.3

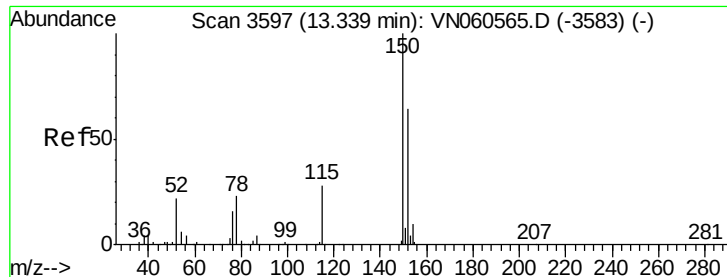


Abundance Ion 116.90 (116.60 to 117.60): VN060637.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060637.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060637.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060637.D

Acq: 19 Mar 2020 15:23

Instrument :

MSVOA_N

ClientSampleId :

2000448388

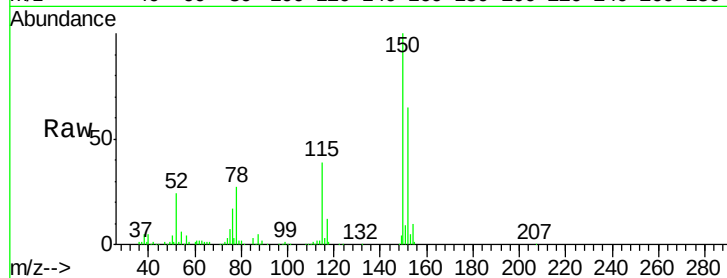
Tot Ion:152 Resp: 141403

Ion Ratio Lower Upper

152 100

115 59.2 30.2 90.6

150 154.7 0.0 350.2



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

