

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060831.D
 Acq On : 2 Apr 2020 18:57
 Operator : JC/MD
 Sample : L2101-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 239-WC-S-SB-020304

Quant Time: Apr 03 09:20:39 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

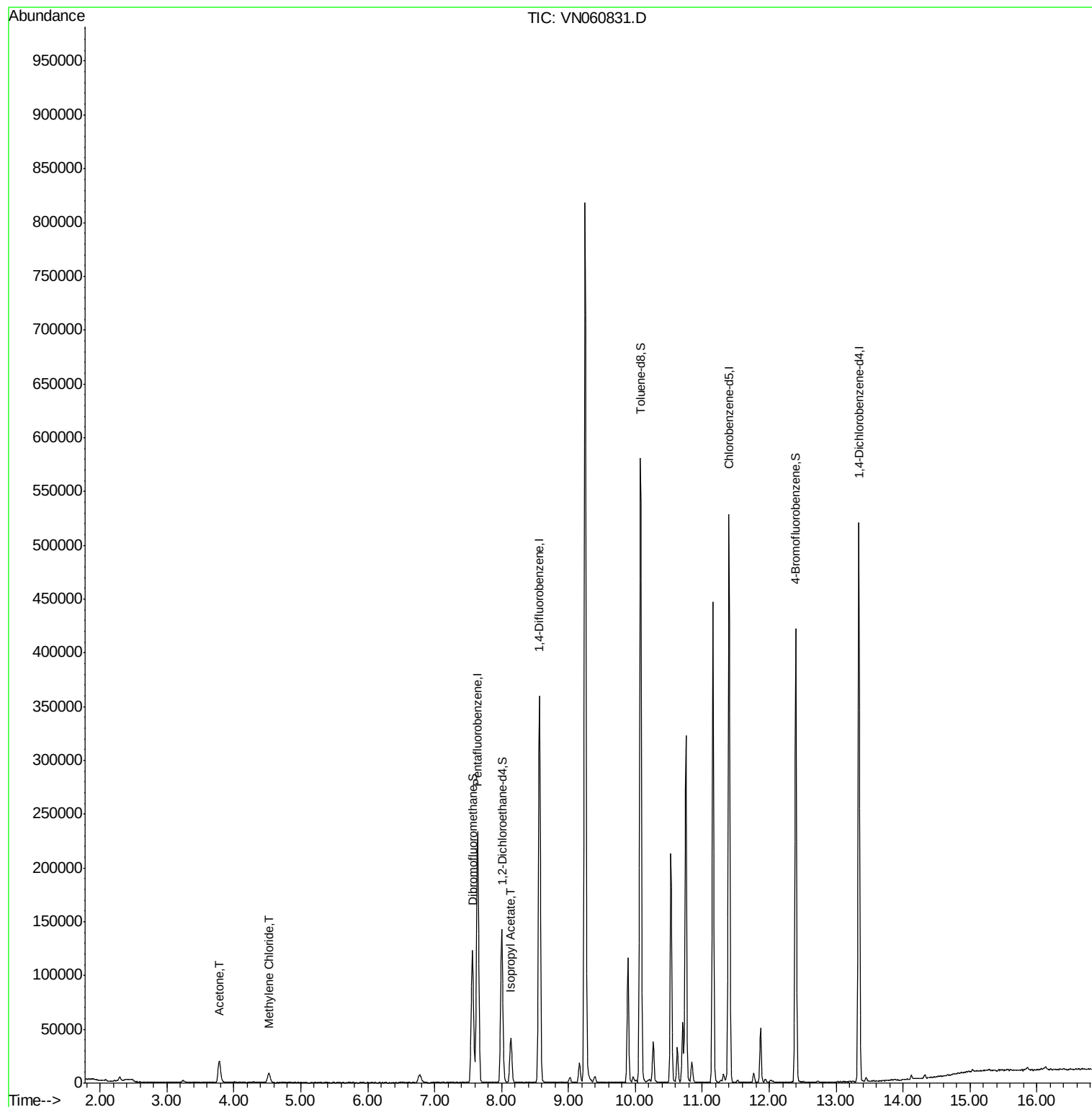
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	318530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	301489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	124673	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	7.56	113	94930	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	10.08	98	396910	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	147735	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
Target Compounds						
16) Acetone	3.78	43	36137	39.041	ug/l	99
20) Methylene Chloride	4.52	84	6993	3.071	ug/l	91
43) Isopropyl Acetate	8.14	43	50320	9.155	ug/l #	92

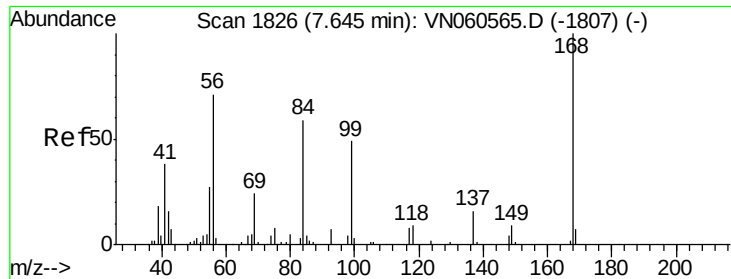
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060831.D

Acq: 2 Apr 2020 18:57

Instrument :

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ClientSampleId :

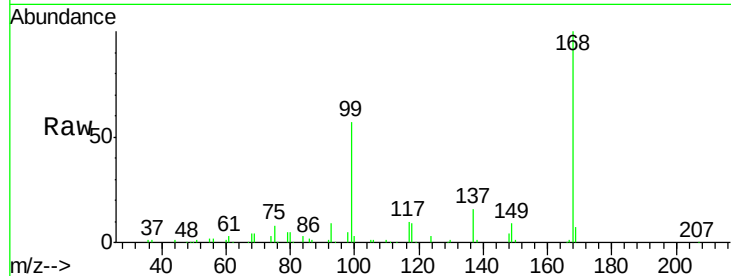
239-WC-S-SB-020304

Tot Ion:168 Resp: 190353

Ion Ratio Lower Upper

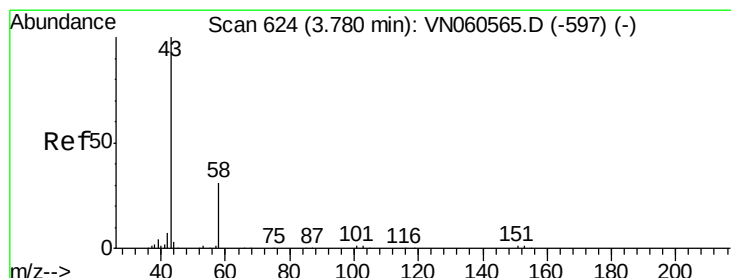
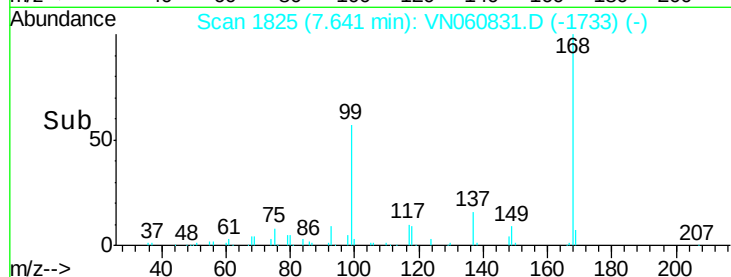
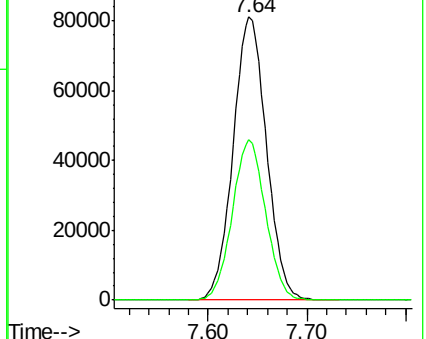
168 100

99 56.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 39.041 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060831.D

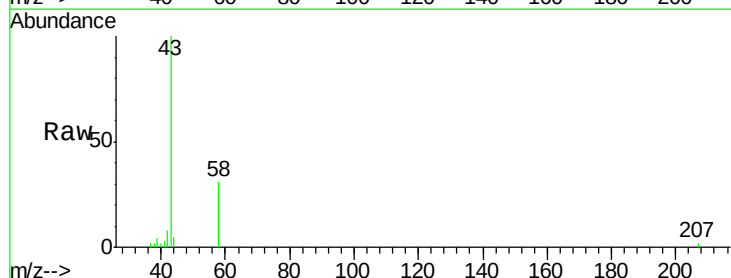
Acq: 2 Apr 2020 18:57

Tgt Ion: 43 Resp: 36137

Ion Ratio Lower Upper

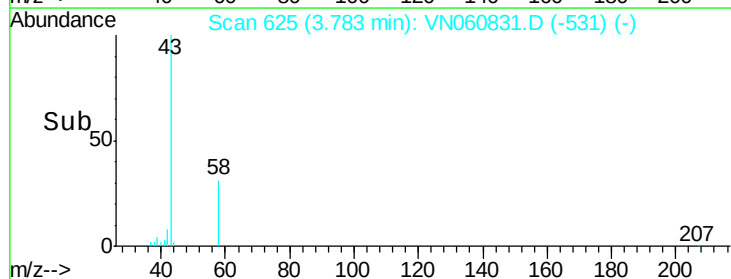
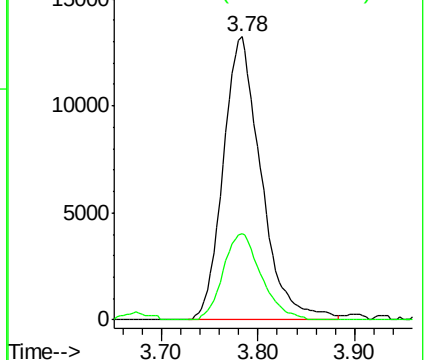
43 100

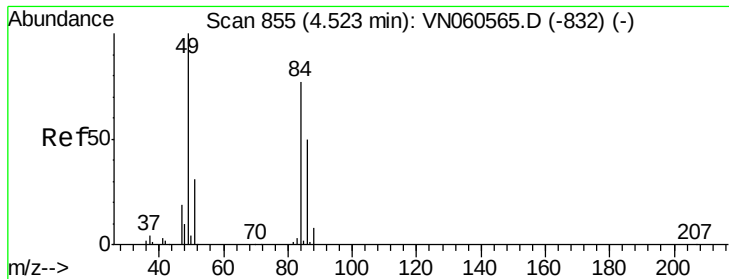
58 30.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

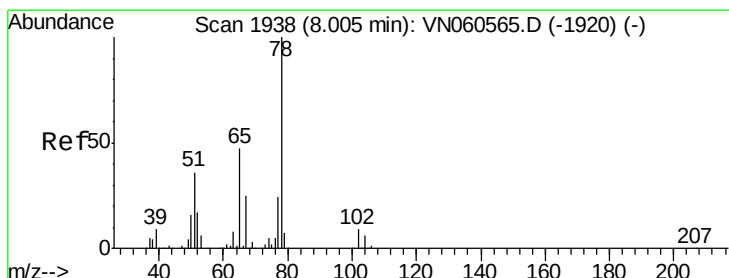
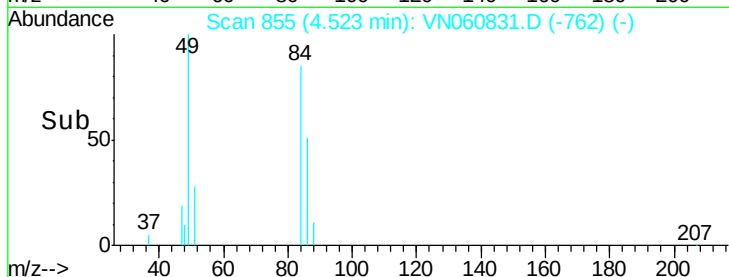
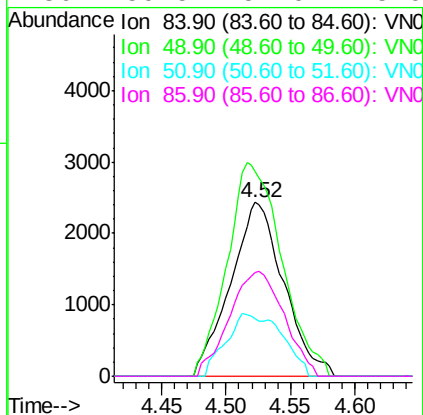
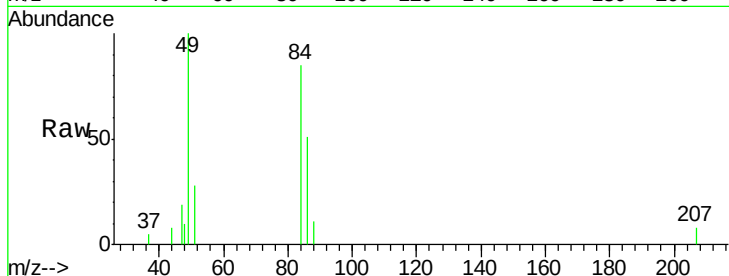




#20
Methylene Chloride
Concen: 3.071 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060831.D
Acq: 2 Apr 2020 18:57

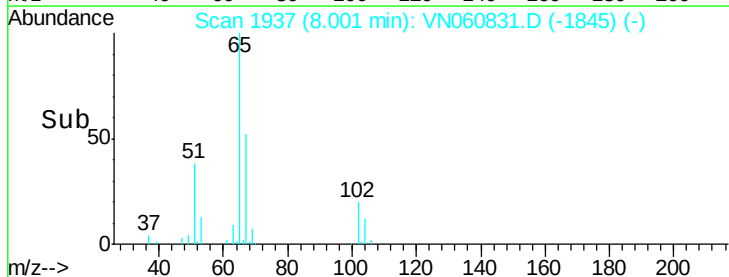
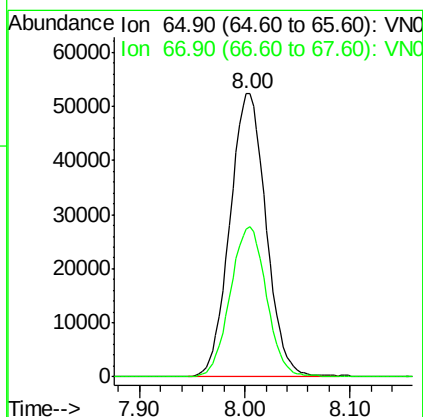
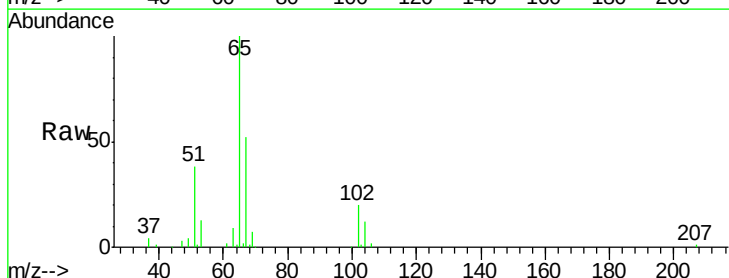
Instrument :
MSVOA_N
ClientSampleId :
239-WC-S-SB-020304

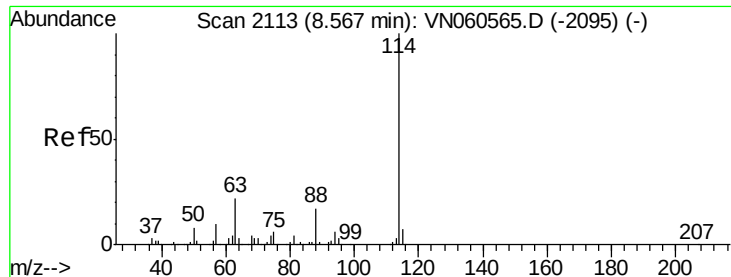
Tot Ion:	84	Resp:	6993
Ion	Ratio	Lower	Upper
84	100		
49	117.7	103.3	154.9
51	32.9	31.6	47.4
86	59.5	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 47.711 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060831.D
Acq: 2 Apr 2020 18:57

Tgt Ion:	65	Resp:	124673
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.6

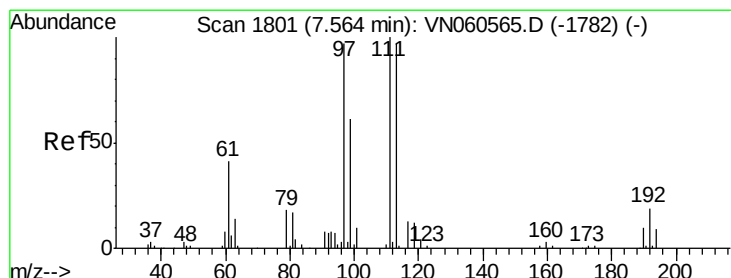
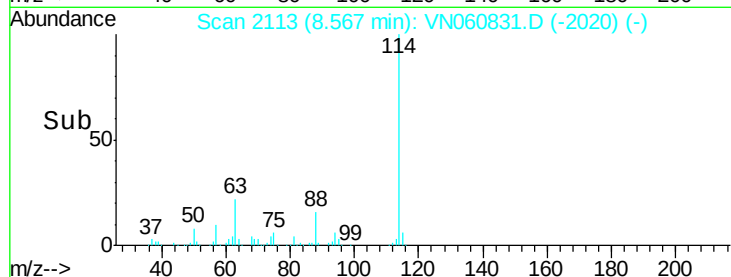
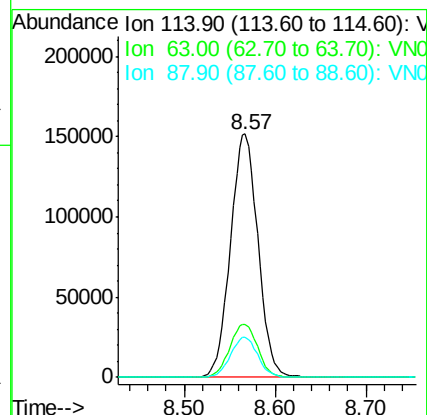
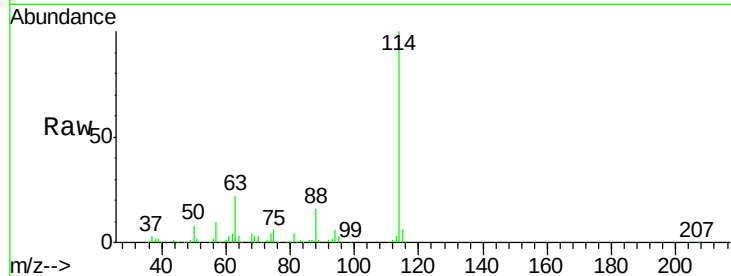




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060831.D
 Acq: 2 Apr 2020 18:57

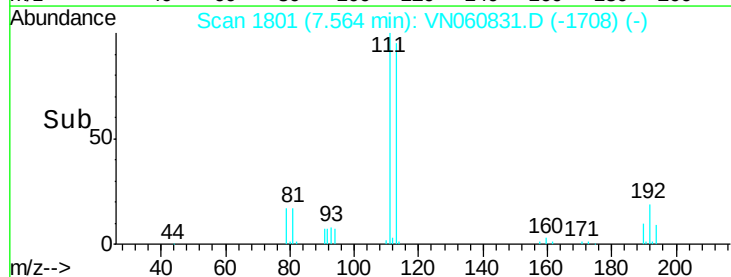
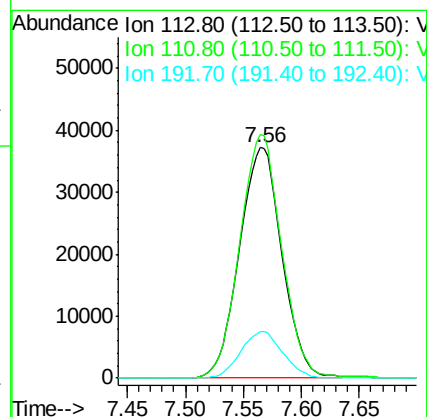
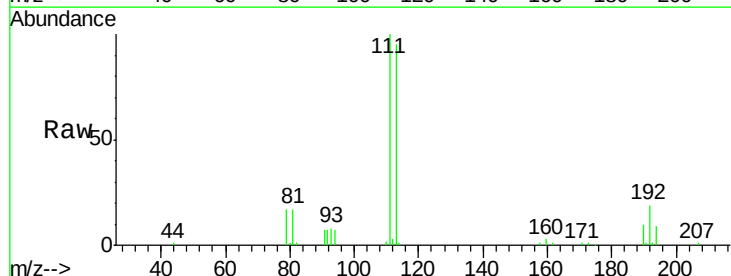
Instrument :
 MSVOA_N
 ClientSampleId :
 239-WC-S-SB-020304

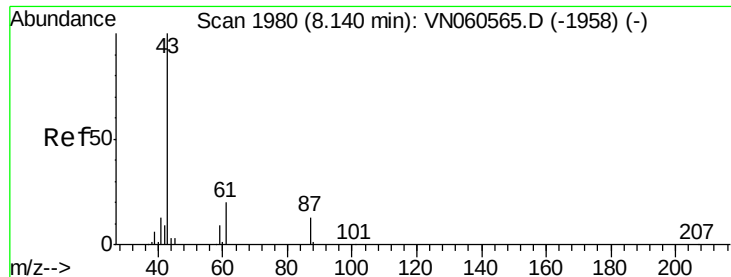
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.8
88	16.3	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.287 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060831.D
 Acq: 2 Apr 2020 18:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	20.0	15.8	23.8





#43

Isopropyl Acetate

Concen: 9.155 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060831.D

Acq: 2 Apr 2020 18:57

Instrument :

MSVOA_N

ClientSampleId :

239-WC-S-SB-020304

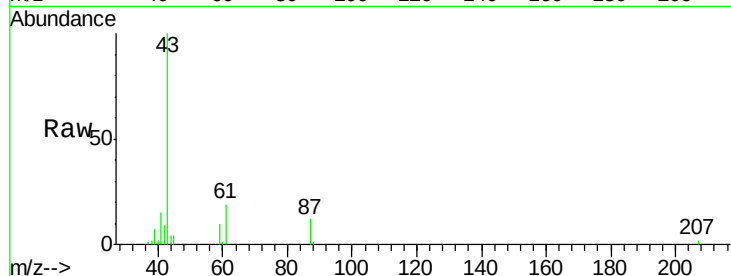
Tot Ion: 43 Resp: 50320

Ion Ratio Lower Upper

43 100

61 19.6 20.7 31.1#

87 12.2 9.8 14.8

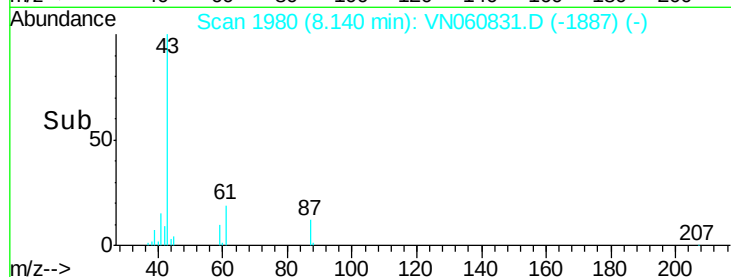


Abundance Ion 43.00 (42.70 to 43.70): VN060831.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060831.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060831.D (-1887) (-)

Time-->



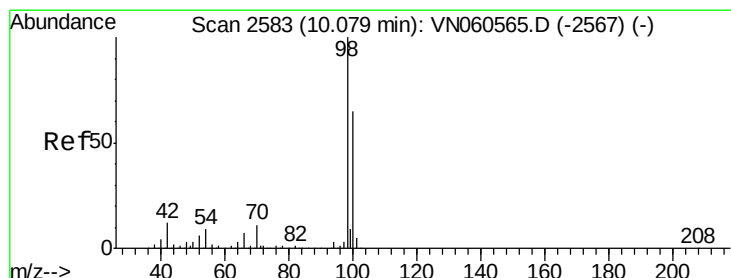
Abundance

Ion 43.00 (42.70 to 43.70): VN060831.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060831.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060831.D (-1887) (-)

Time-->



#50

Toluene-d8

Concen: 50.451 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060831.D

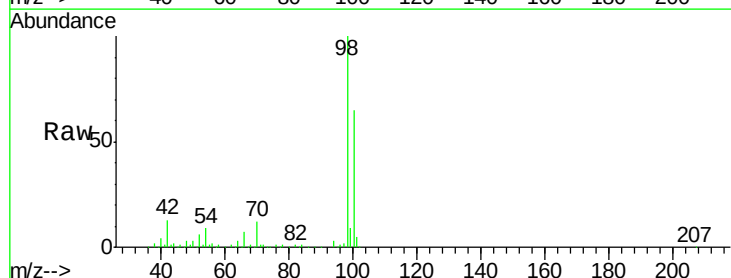
Acq: 2 Apr 2020 18:57

Tgt Ion: 98 Resp: 396910

Ion Ratio Lower Upper

98 100

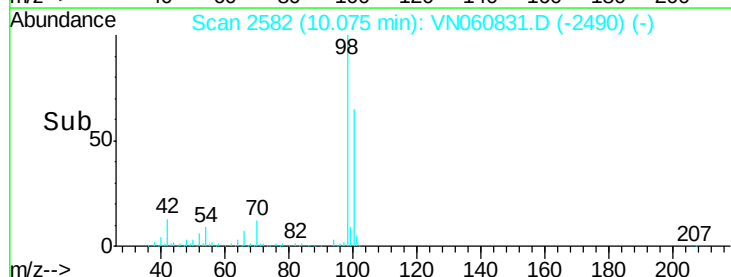
100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060831.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060831.D (-2490) (-)

Time-->

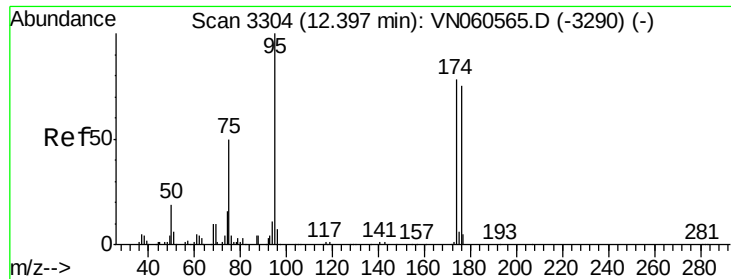


Abundance

Ion 98.00 (97.70 to 98.70): VN060831.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060831.D (-2490) (-)

Time-->



#62

4-Bromofluorobenzene

Concen: 51.240 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060831.D

Acq: 2 Apr 2020 18:57

Instrument :

MSVOA_N

ClientSampleId :

239-WC-S-SB-020304

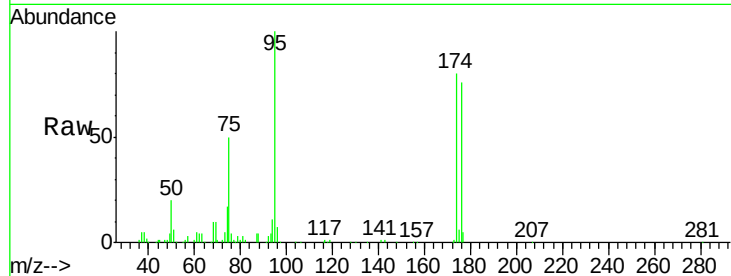
Tot Ion: 95 Resp: 147735

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.6

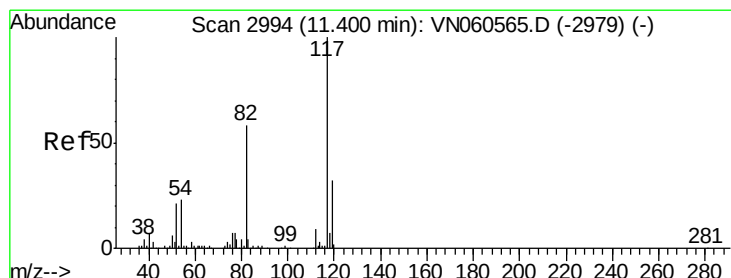
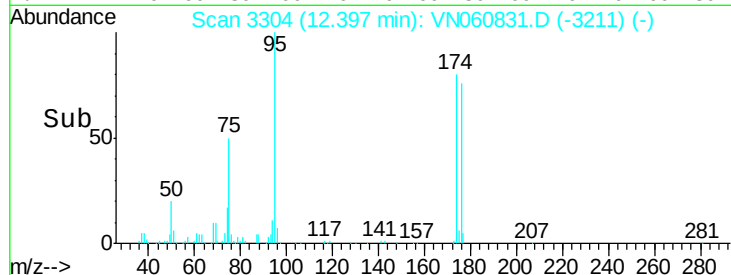
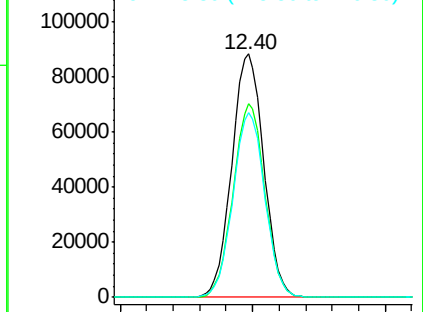
176 75.5 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060831.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060831.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060831.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060831.D

Acq: 2 Apr 2020 18:57

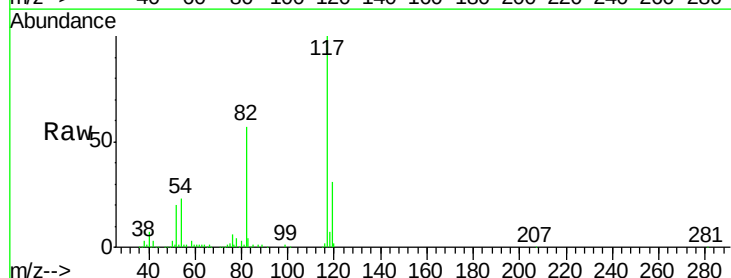
Tgt Ion: 117 Resp: 301489

Ion Ratio Lower Upper

117 100

82 56.8 46.7 70.1

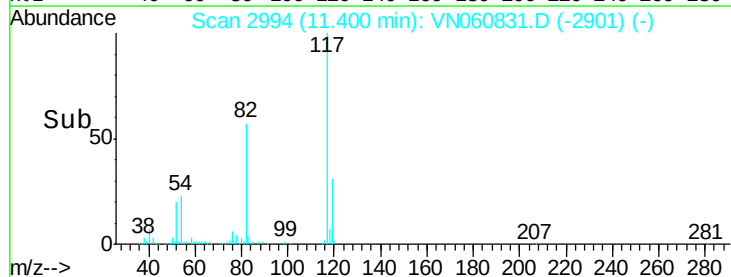
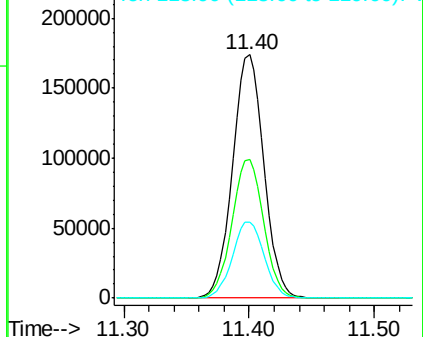
119 31.5 25.5 38.3

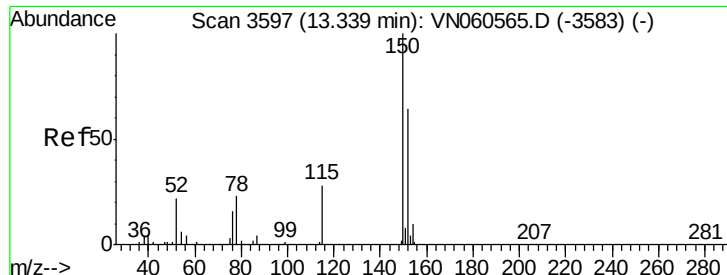


Abundance Ion 116.90 (116.60 to 117.60): VN060831.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060831.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060831.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: VN060831.D

Acq: 2 Apr 2020 18:57

Instrument :

MSVOA_N

ClientSampleId :

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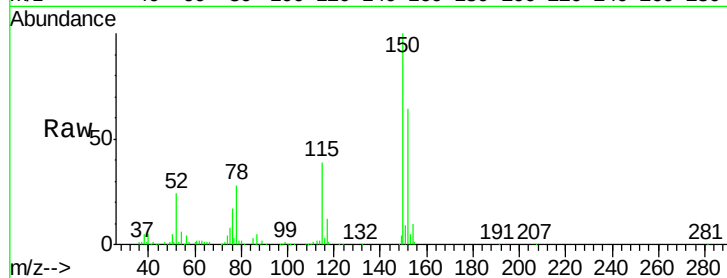
Tot Ion:152 Resp: 136903

Ion Ratio Lower Upper

152 100

115 59.9 30.2 90.6

150 156.3 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

