

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060827.D
 Acq On : 2 Apr 2020 17:01
 Operator : JC/MD
 Sample : L2097-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40524

Quant Time: Apr 03 09:09:41 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

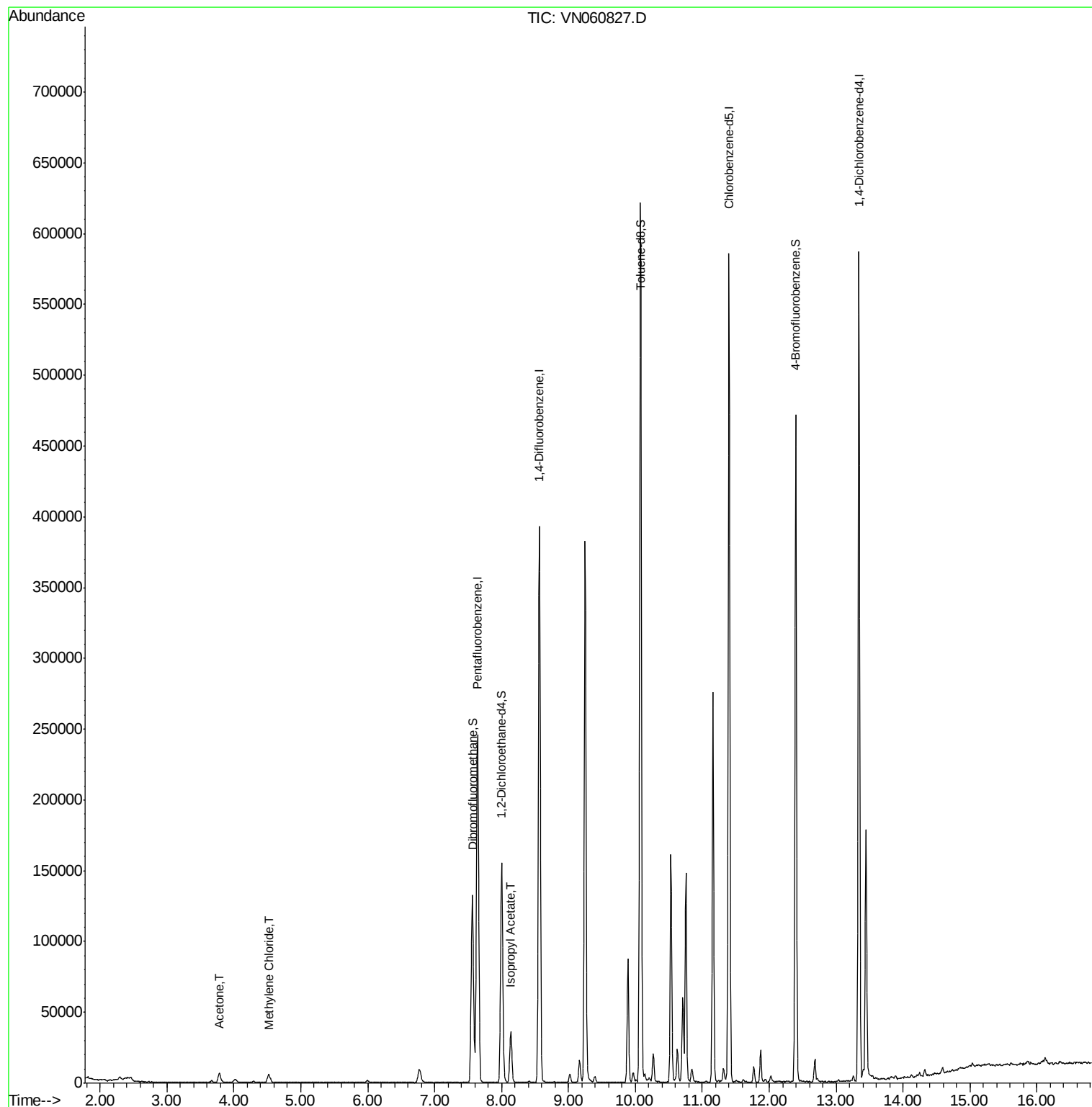
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	344895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	328484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	133878	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
35) Dibromofluoromethane	7.56	113	102326	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	10.08	98	422812	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	163142	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
Target Compounds						
16) Acetone	3.78	43	11481	11.442	ug/l	96
20) Methylene Chloride	4.52	84	4634	1.877	ug/l #	94
43) Isopropyl Acetate	8.14	43	43382	7.290	ug/l #	90

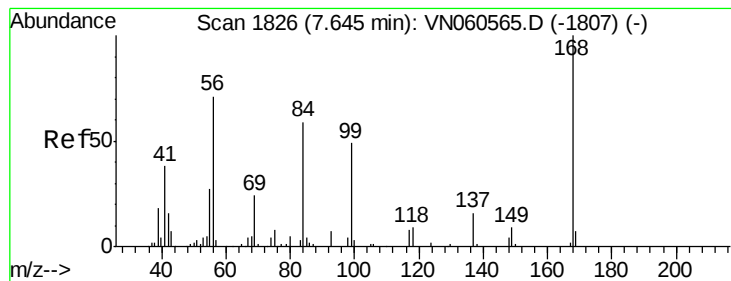
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060827.D

Acq: 2 Apr 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

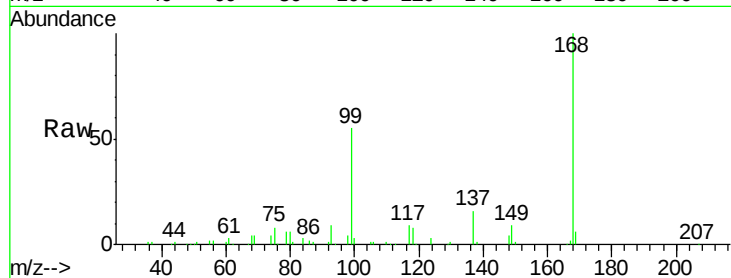
40524

Tot Ion:168 Resp: 206358

Ion Ratio Lower Upper

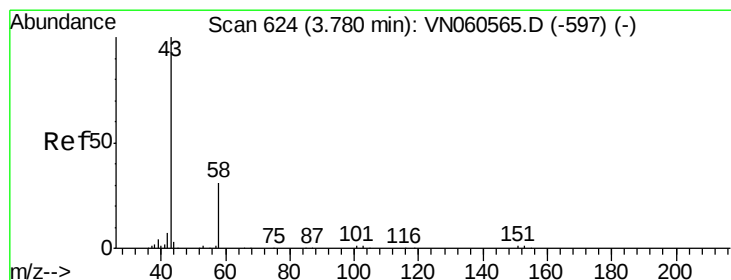
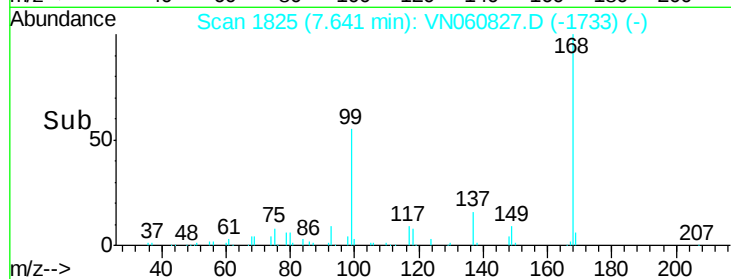
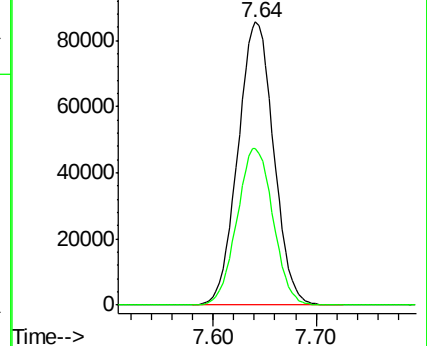
168 100

99 55.3 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: 11.442 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060827.D

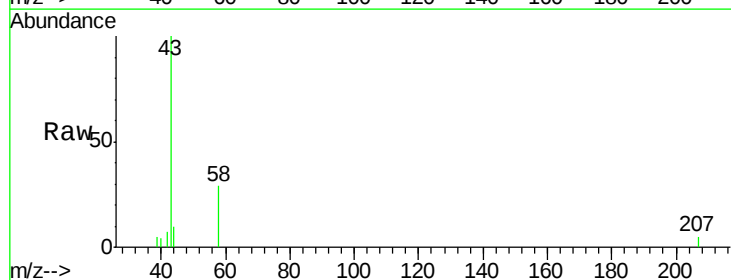
Acq: 2 Apr 2020 17:01

Tgt Ion: 43 Resp: 11481

Ion Ratio Lower Upper

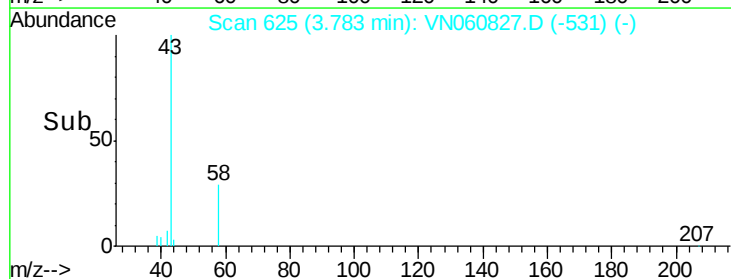
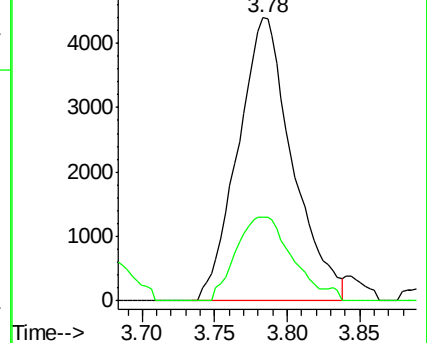
43 100

58 29.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

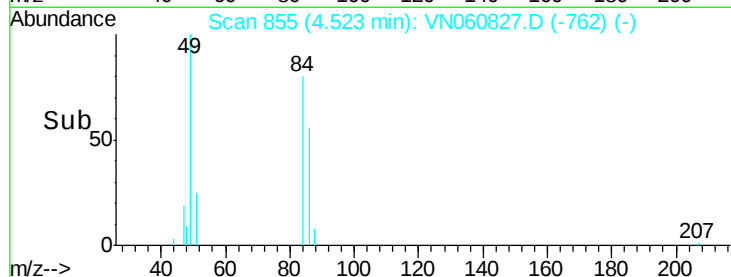
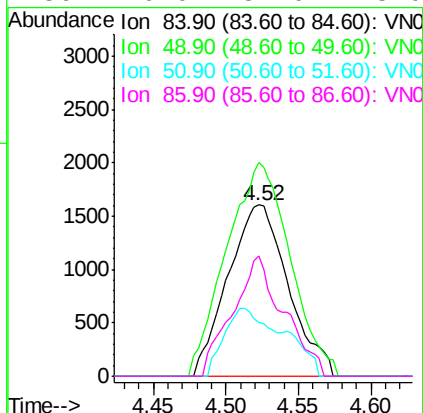
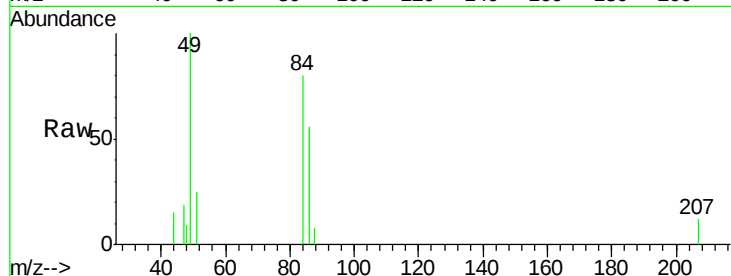




#20
Methvlene Chloride
Concen: 1.877 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060827.D
Acq: 2 Apr 2020 17:01

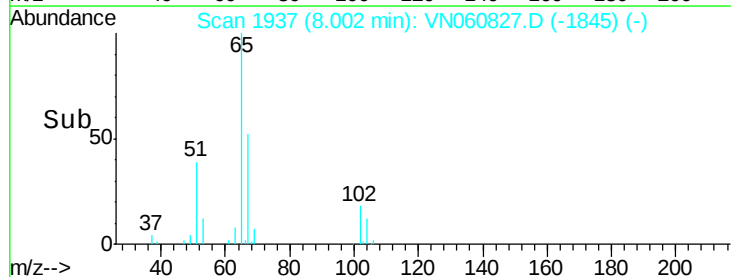
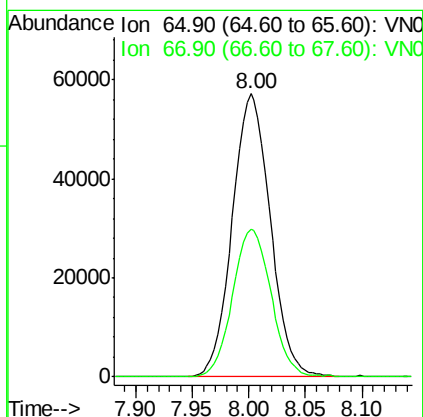
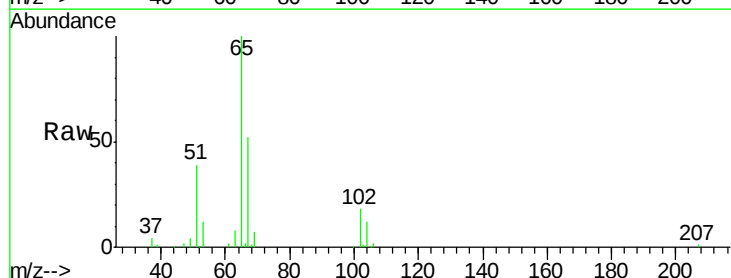
Instrument :
MSVOA_N
ClientSampled :
40524

Tot Ion: 84 Resp: 4634
Ion Ratio Lower Upper
84 100
49 124.8 103.3 154.9
51 31.3 31.6 47.4#
86 70.0 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 47.260 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060827.D
Acq: 2 Apr 2020 17:01

Tgt Ion: 65 Resp: 133878
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.6

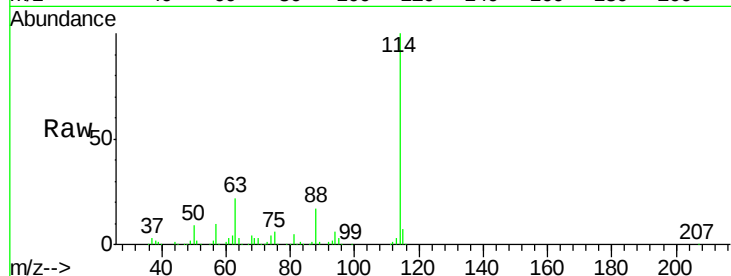




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060827.D
 Acq: 2 Apr 2020 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 40524

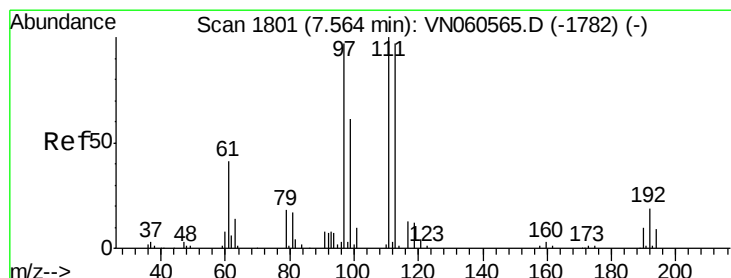
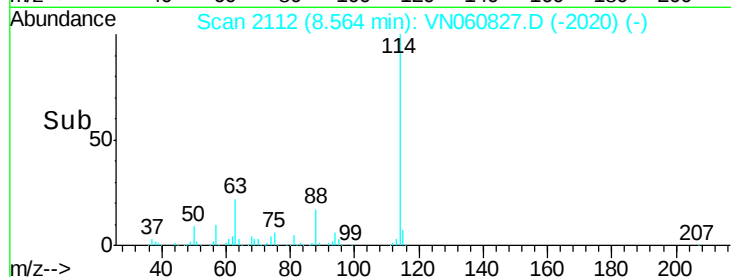
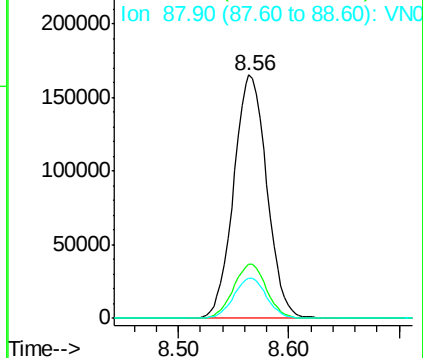
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.8
88	16.7	0.0	33.0



Abundance Ion 113.90 (113.60 to 114.60): V

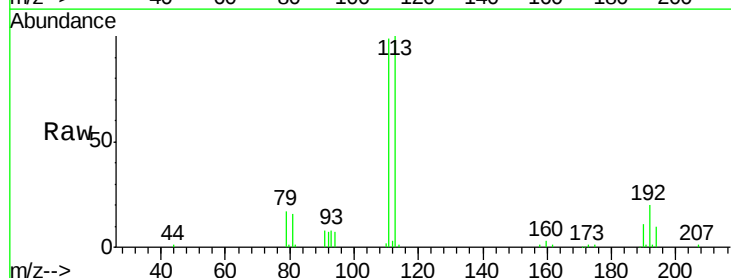
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 49.066 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060827.D
 Acq: 2 Apr 2020 17:01

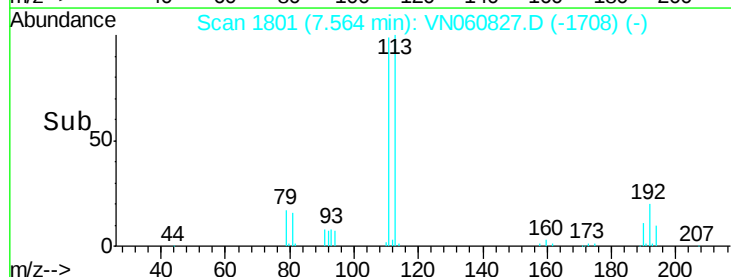
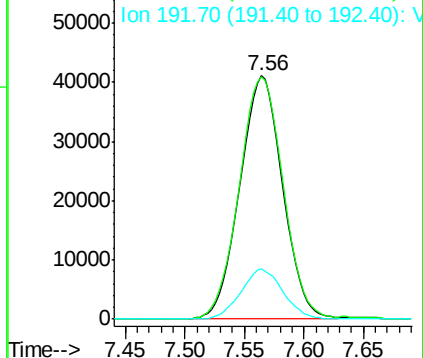
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	20.1	15.8	23.8

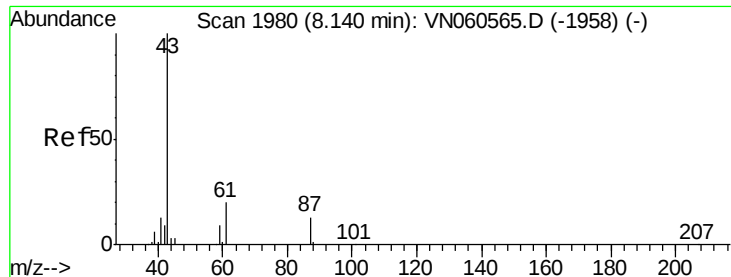


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

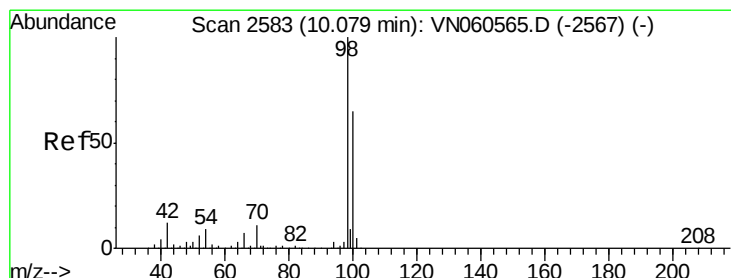
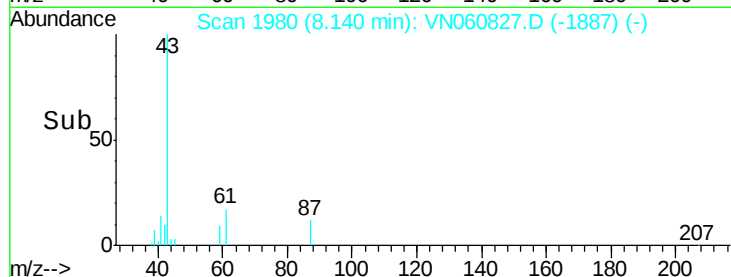
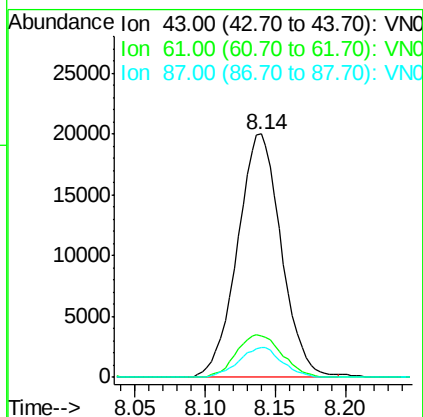
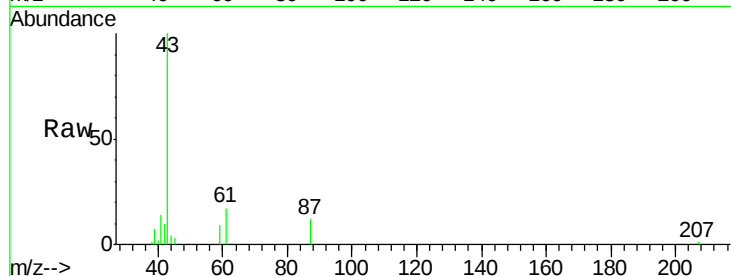




#43
Isopropyl Acetate
Concen: 7.290 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN060827.D
Acq: 2 Apr 2020 17:01

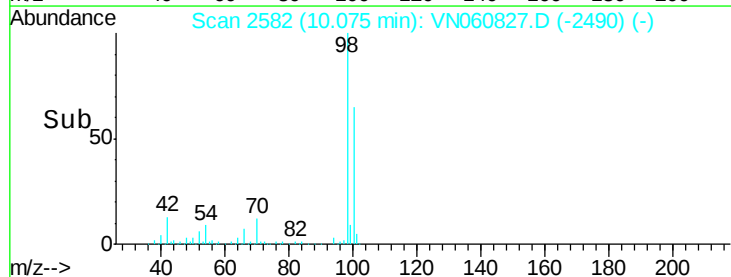
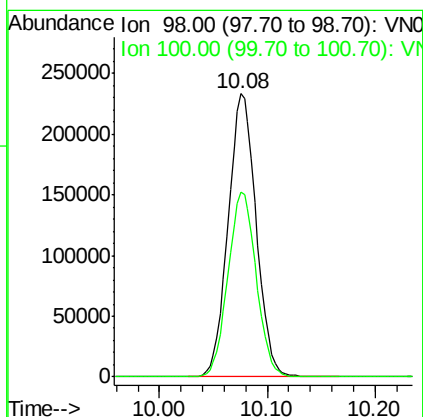
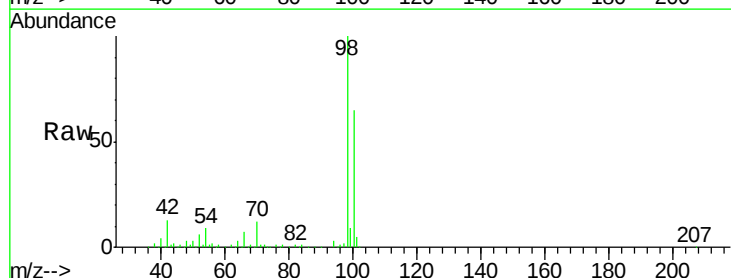
Instrument :
MSVOA_N
ClientSampled :
40524

Tot Ion: 43 Resp: 43382
Ion Ratio Lower Upper
43 100
61 18.2 20.7 31.1#
87 12.1 9.8 14.8



#50
Toluene-d8
Concen: 49.636 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060827.D
Acq: 2 Apr 2020 17:01

Tgt Ion: 98 Resp: 422812
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 52.258 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060827.D

Acq: 2 Apr 2020 17:01

Instrument :

MSVOA_N

ClientSampled :

40524

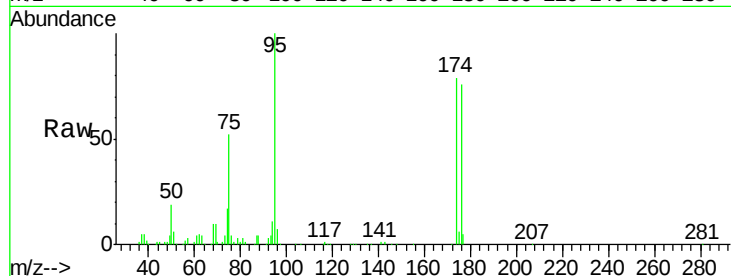
Tot Ion: 95 Resp: 163142

Ion Ratio Lower Upper

95 100

174 77.8 0.0 157.6

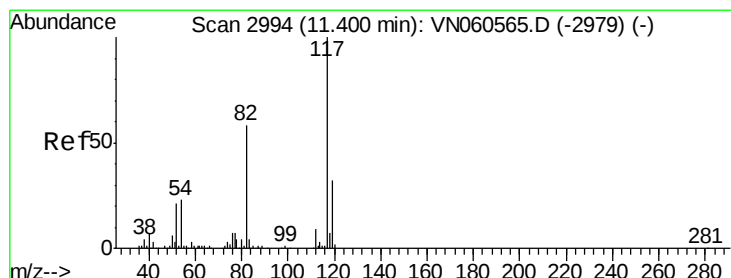
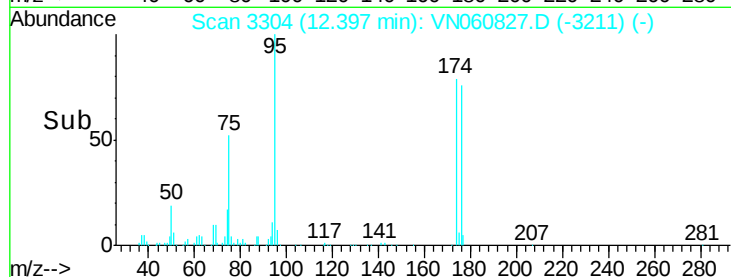
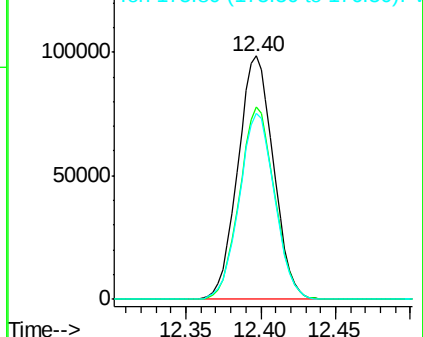
176 75.8 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060827.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060827.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060827.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060827.D

Acq: 2 Apr 2020 17:01

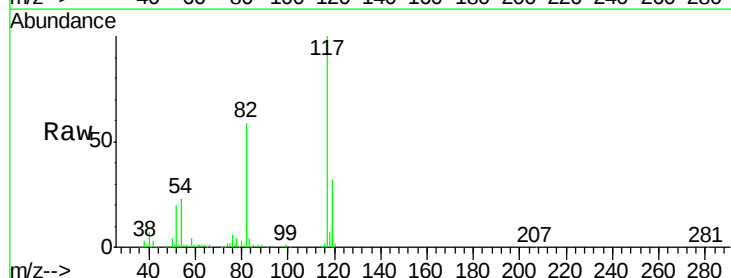
Tgt Ion: 117 Resp: 328484

Ion Ratio Lower Upper

117 100

82 58.6 46.7 70.1

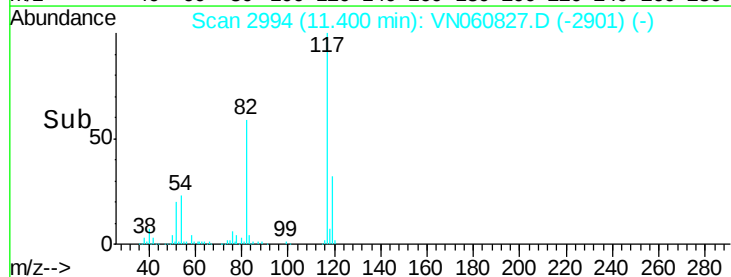
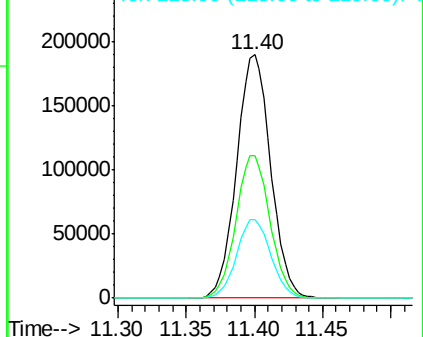
119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060827.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060827.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060827.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: VN060827.D

Acq: 2 Apr 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

40524

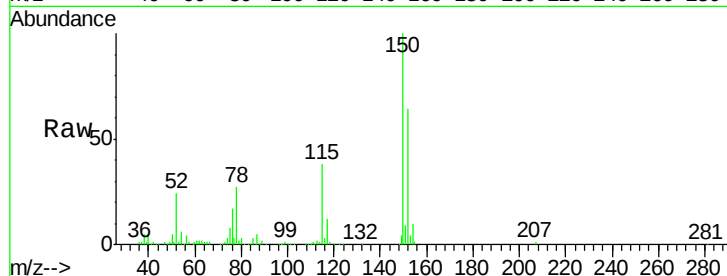
Tot Ion:152 Resp: 154720

Ion Ratio Lower Upper

152 100

115 59.7 30.2 90.6

150 156.1 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

