

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060931.D
 Acq On : 14 Apr 2020 14:22
 Operator : JC/MD
 Sample : L2197-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH-SEDIMENT-PIT

Quant Time: Apr 15 09:09:57 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

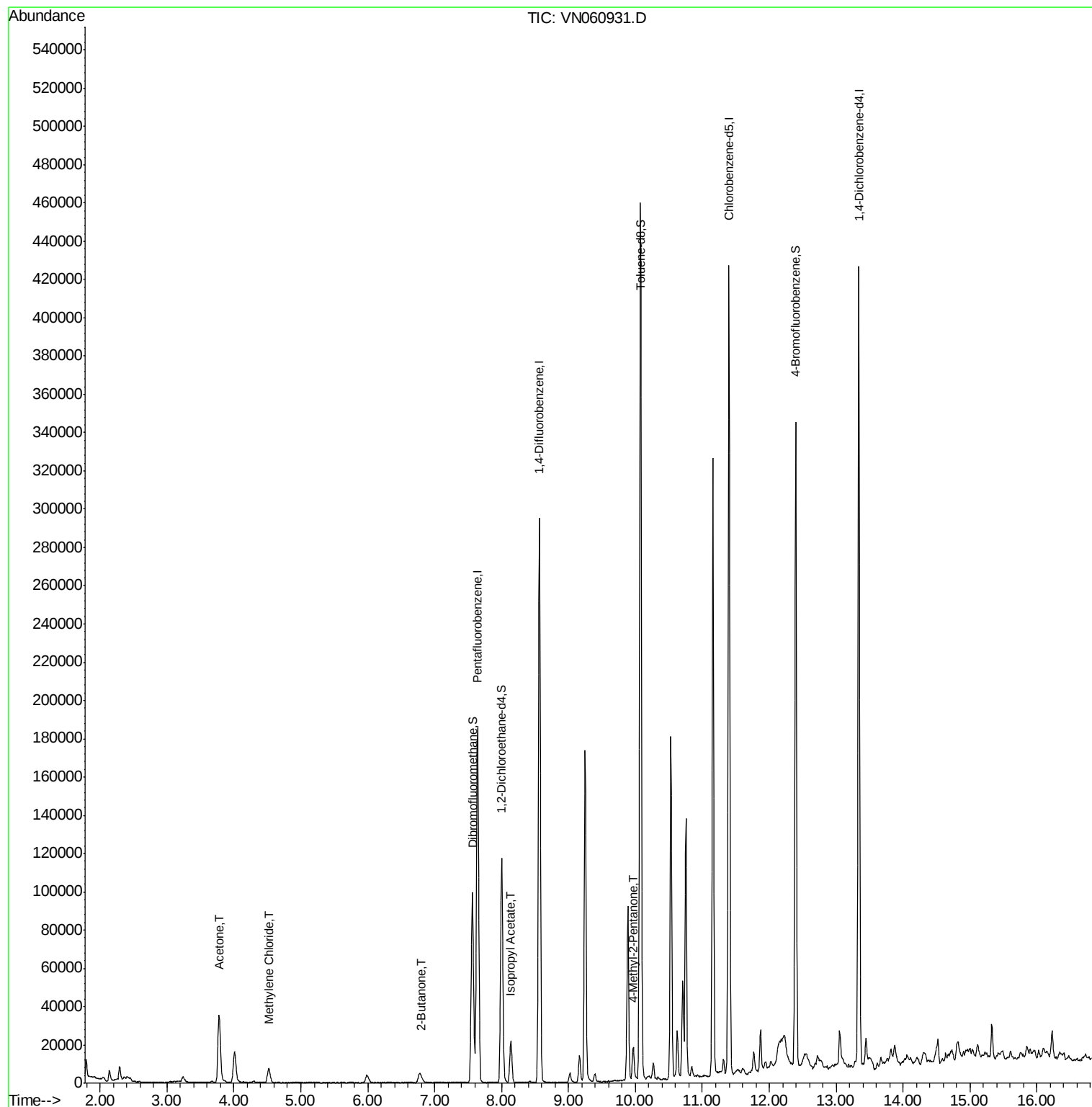
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	148950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	256413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	239271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	108108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	102471	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	7.56	113	76489	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.08	98	316230	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.40	95	119133	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
Target Compounds						
16) Acetone	3.78	43	63024	87.015	ug/l	98
20) Methylene Chloride	4.52	84	5930	3.328	ug/l	96
25) 2-Butanone	6.80	43	5227	4.460	ug/l	98
43) Isopropyl Acetate	8.14	43	26557	6.002	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	13265	5.269	ug/l	92

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

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
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: VN060931.D

Acq: 14 Apr 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

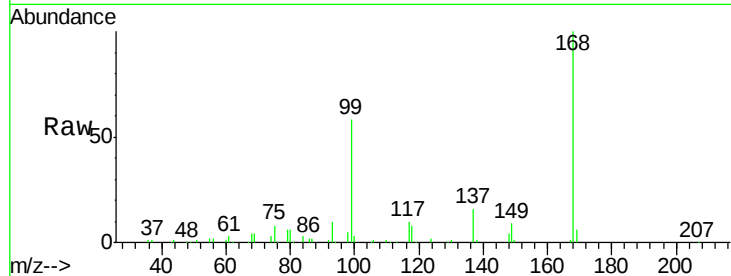
BUS-WASH-SEDIMENT-PIT

Tot Ion:168 Resp: 148950

Ion Ratio Lower Upper

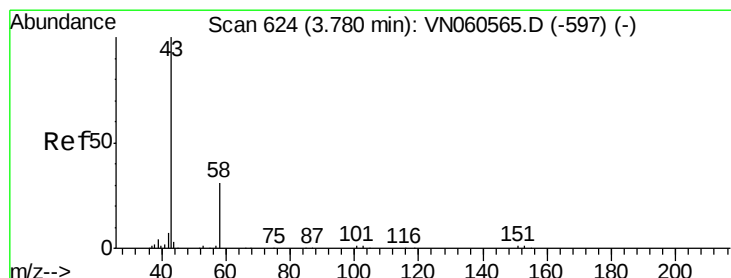
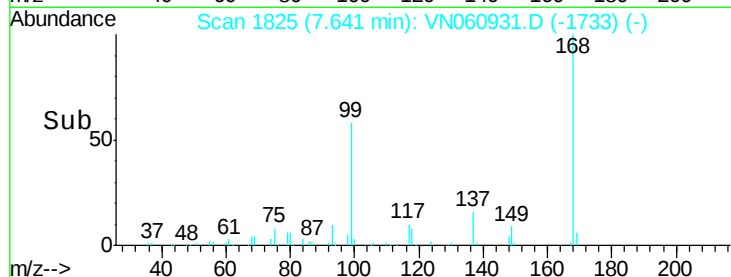
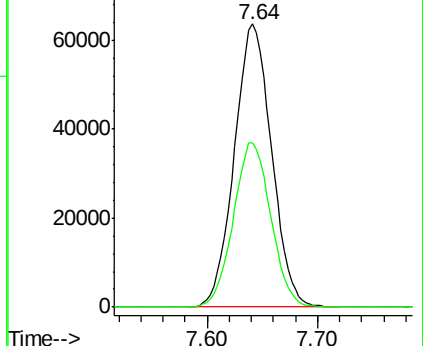
168 100

99 58.0 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: 87.015 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060931.D

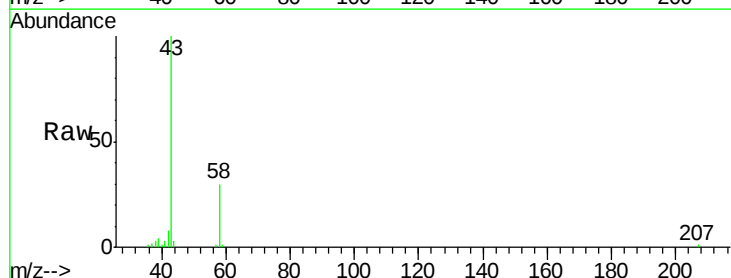
Acq: 14 Apr 2020 14:22

Tgt Ion: 43 Resp: 63024

Ion Ratio Lower Upper

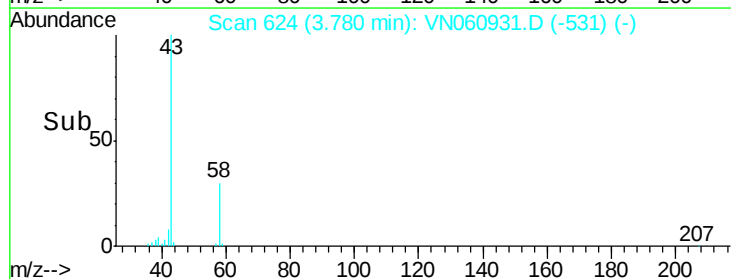
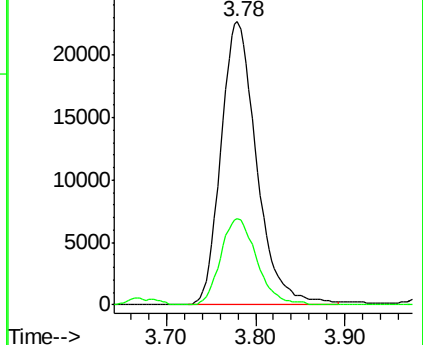
43 100

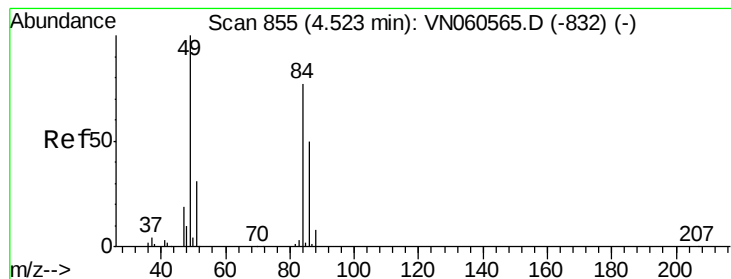
58 30.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methvlene Chloride

Concen: 3.328 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060931.D

Acq: 14 Apr 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

BUS-WASH-SEDIMENT-PIT

Tot Ion: 84 Resp: 5930

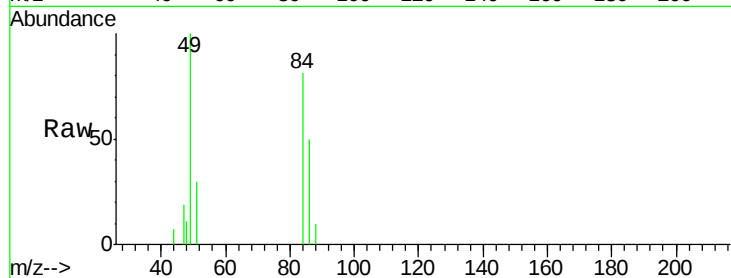
Ion Ratio Lower Upper

84 100

49 123.8 103.3 154.9

51 37.0 31.6 47.4

86 62.0 52.0 78.0

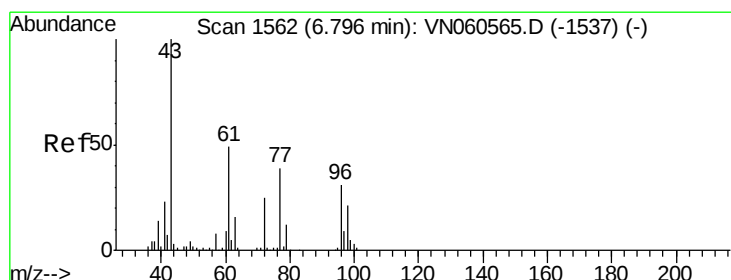
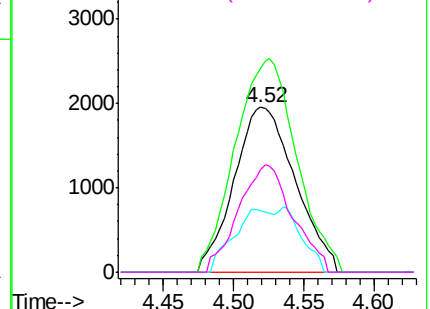
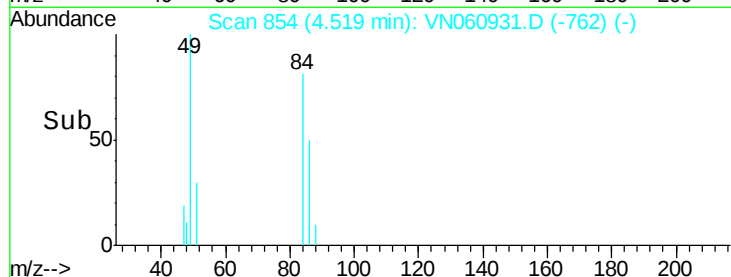


Abundance Ion 83.90 (83.60 to 84.60): VN060931.D (-1469) (-)

Ion 48.90 (48.60 to 49.60): VN060931.D (-1469) (-)

Ion 50.90 (50.60 to 51.60): VN060931.D (-1469) (-)

Ion 85.90 (85.60 to 86.60): VN060931.D (-1469) (-)



#25

2-Butanone

Concen: 4.460 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN060931.D

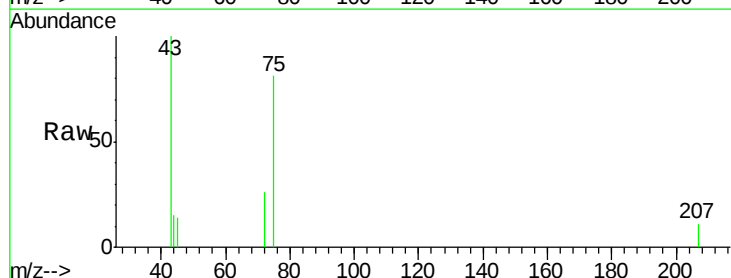
Acq: 14 Apr 2020 14:22

Tgt Ion: 43 Resp: 5227

Ion Ratio Lower Upper

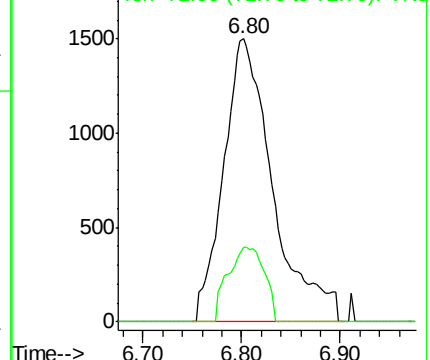
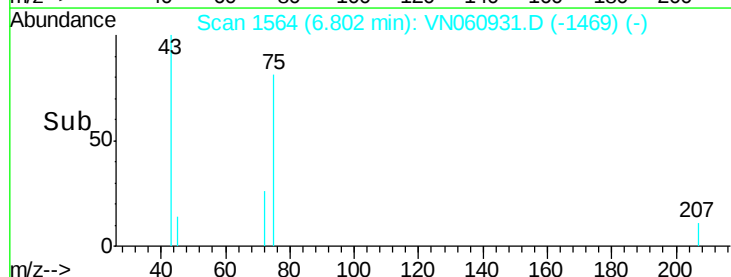
43 100

72 26.3 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN060931.D (-1469) (-)

Ion 72.00 (71.70 to 72.70): VN060931.D (-1469) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.114 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060931.D

Acq: 14 Apr 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

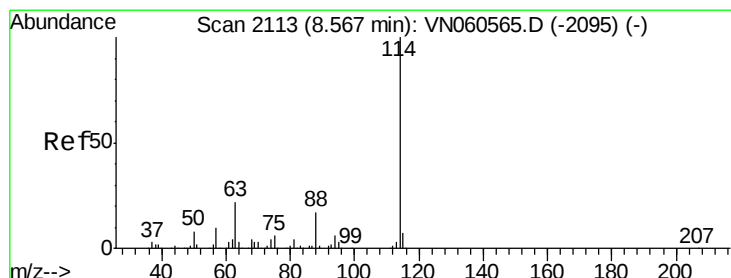
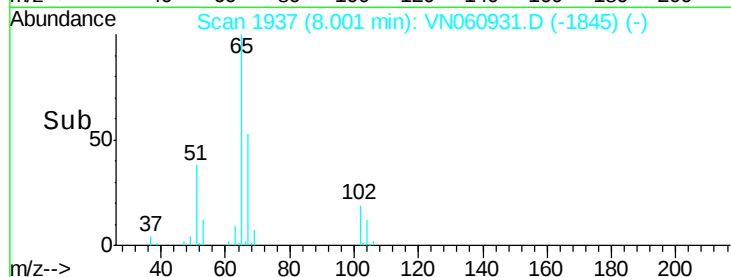
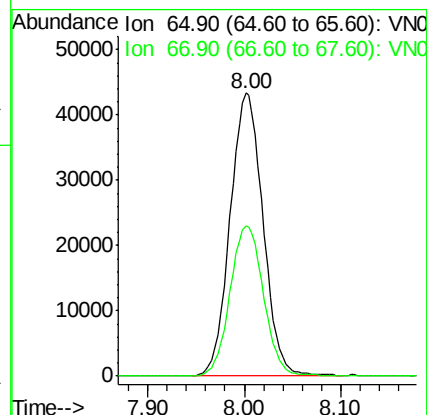
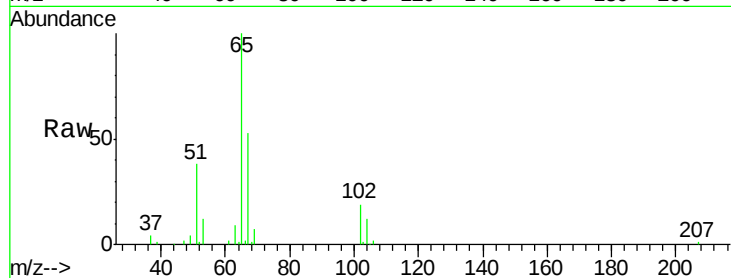
BUS-WASH-SEDIMENT-PIT

Tot Ion: 65 Resp: 102471

Ion Ratio Lower Upper

65 100

67 53.9 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: VN060931.D

Acq: 14 Apr 2020 14:22

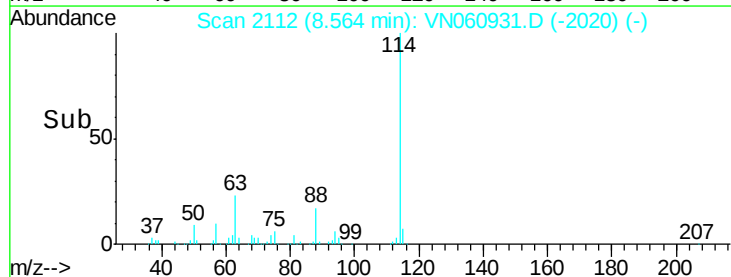
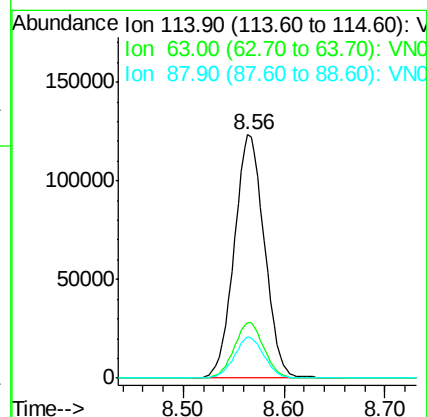
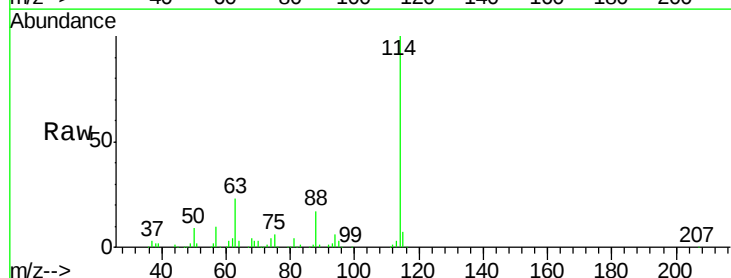
Tgt Ion: 114 Resp: 256413

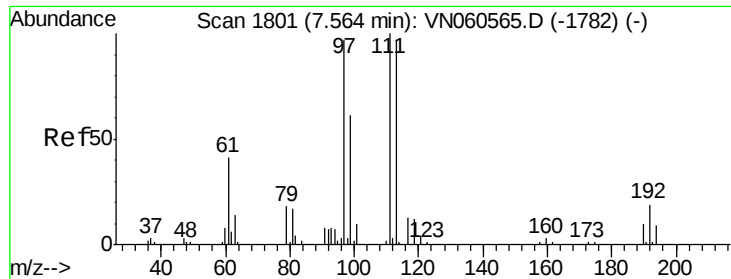
Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.8

88 17.0 0.0 33.0

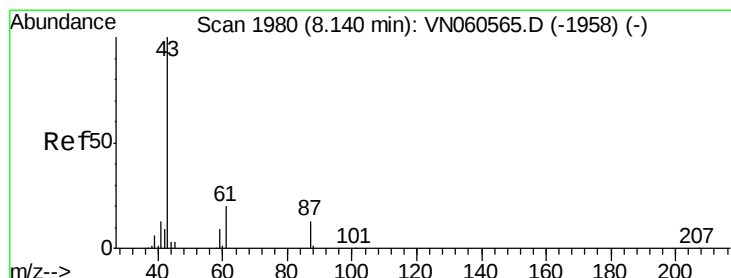
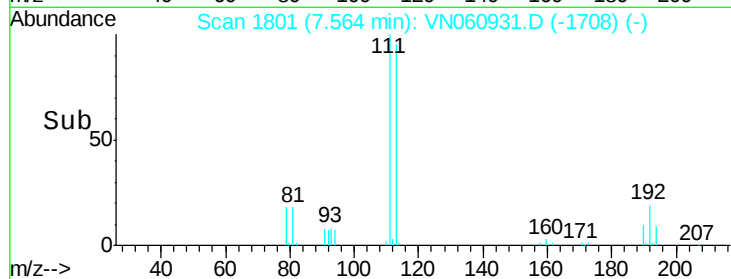
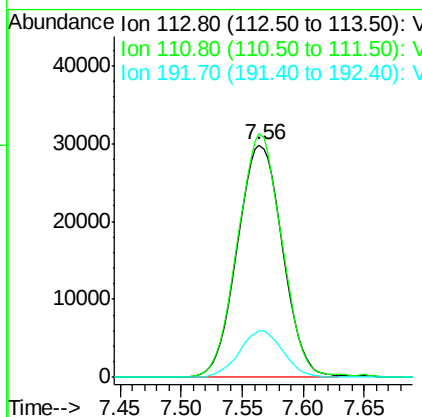
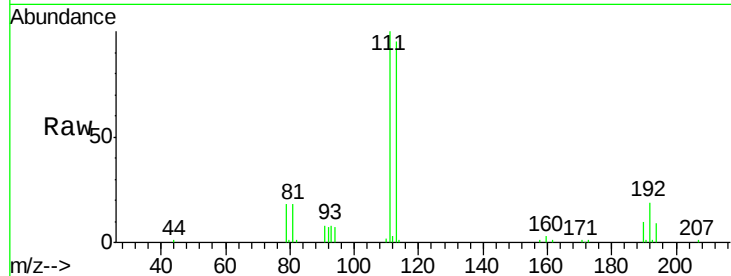




#35
 Dibromofluoromethane
 Concen: 49.333 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060931.D
 Acq: 14 Apr 2020 14:22

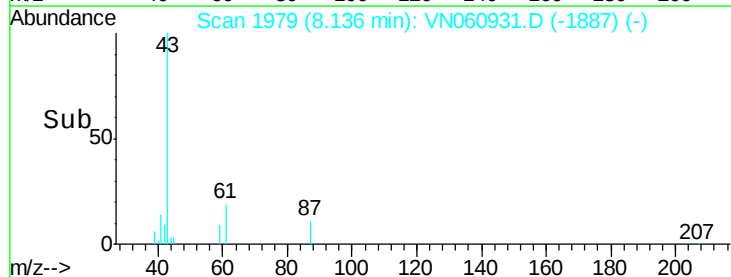
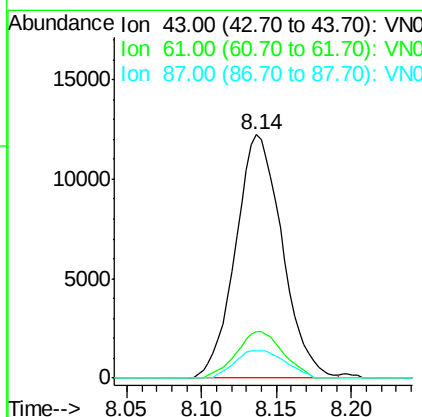
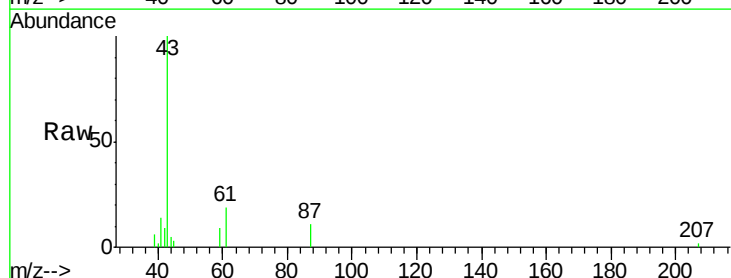
Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH-SEDIMENT-PIT

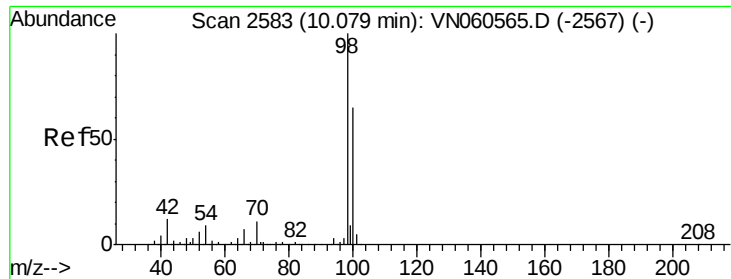
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	19.4	15.8	23.8



#43
 Isopropyl Acetate
 Concen: 6.002 ug/l
 RT: 8.14 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VN060931.D
 Acq: 14 Apr 2020 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.3	20.7	31.1#
87	12.2	9.8	14.8





#50

Toluene-d8

Concen: 49.934 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060931.D

Acq: 14 Apr 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

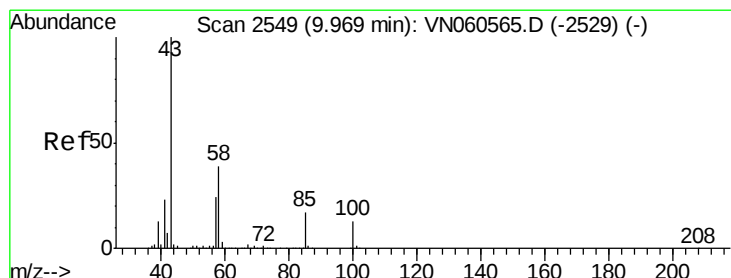
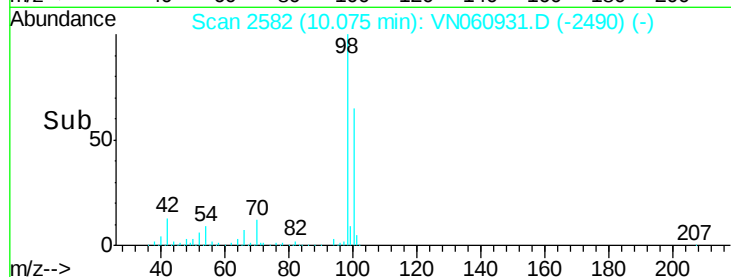
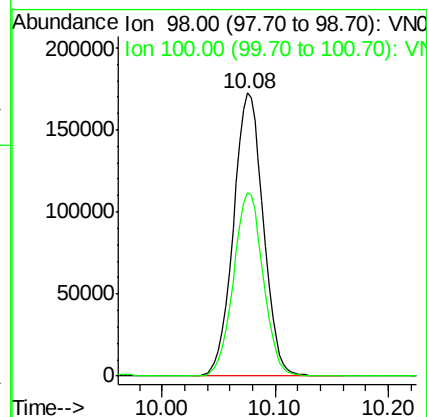
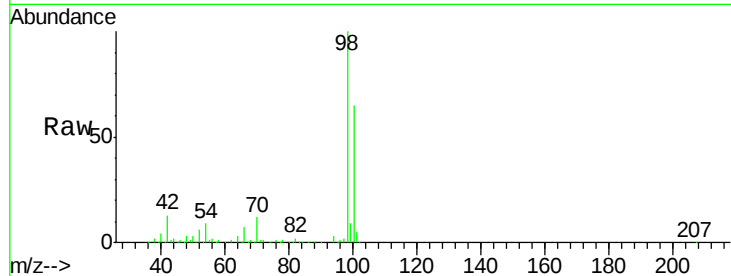
BUS-WASH-SEDIMENT-PIT

Tot Ion: 98 Resp: 316230

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 5.269 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060931.D

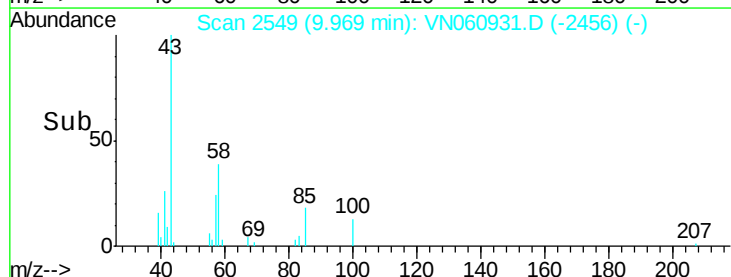
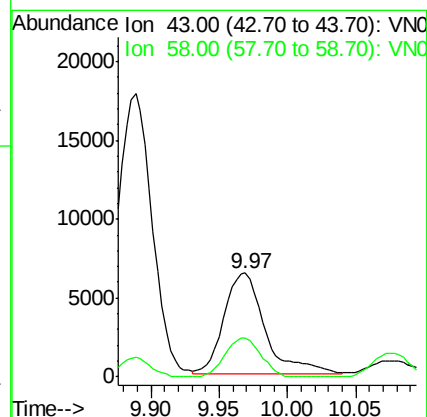
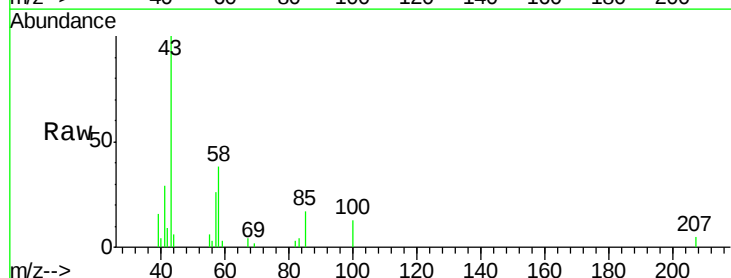
Acq: 14 Apr 2020 14:22

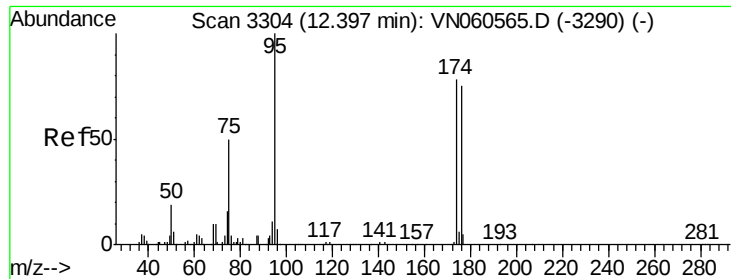
Tgt Ion: 43 Resp: 13265

Ion Ratio Lower Upper

43 100

58 33.9 30.8 46.2





#62

4-Bromofluorobenzene

Concen: 51.329 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060931.D

Acq: 14 Apr 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

BUS-WASH-SEDIMENT-PIT

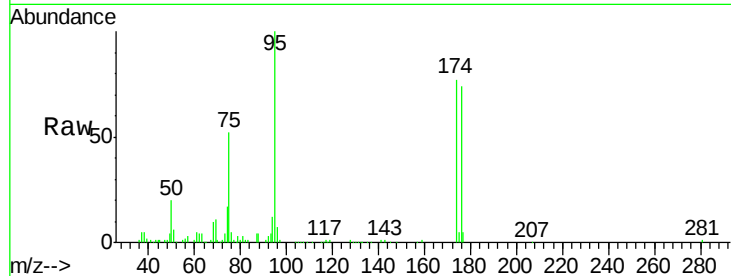
Tot Ion: 95 Resp: 119133

Ion Ratio Lower Upper

95 100

174 75.9 0.0 157.6

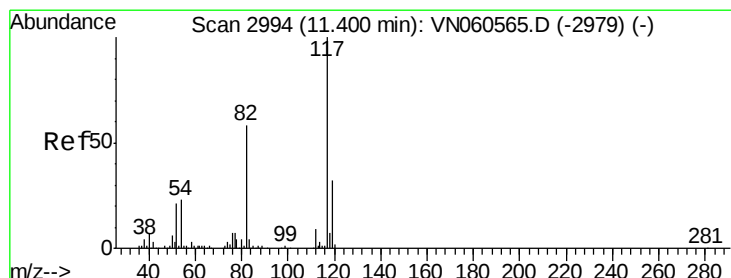
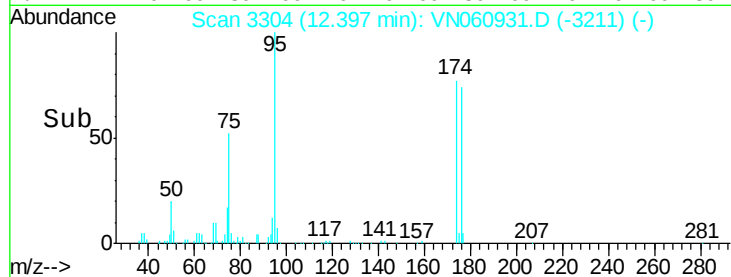
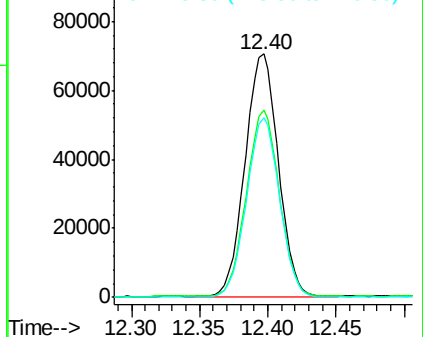
176 73.7 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060931.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060931.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060931.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060931.D

Acq: 14 Apr 2020 14:22

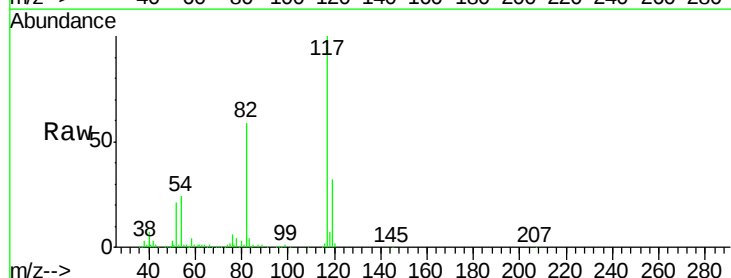
Tgt Ion: 117 Resp: 239271

Ion Ratio Lower Upper

117 100

82 59.2 46.7 70.1

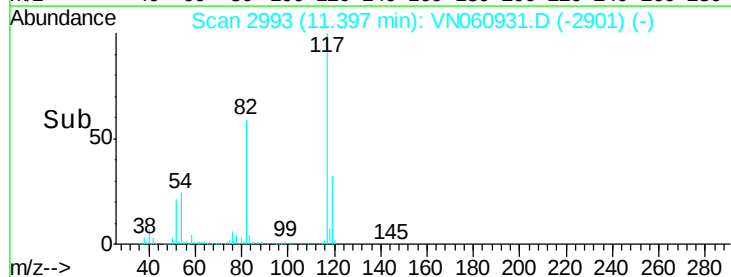
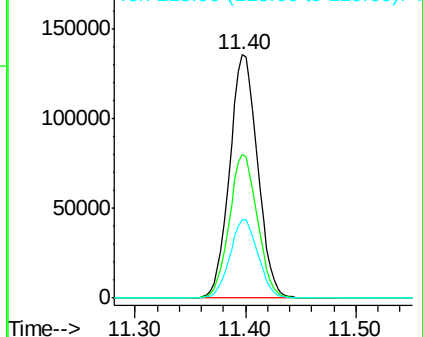
119 32.2 25.5 38.3

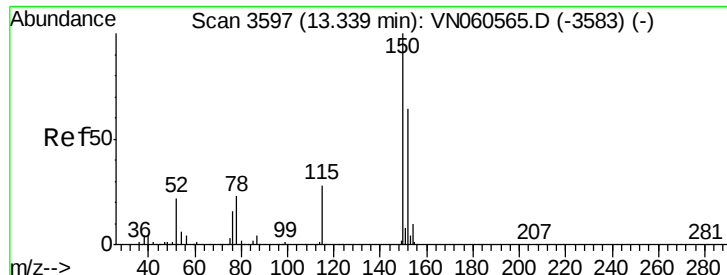


Abundance Ion 116.90 (116.60 to 117.60): VN060931.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060931.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060931.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: VN060931.D

Acq: 14 Apr 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

BUS-WASH-SEDIMENT-PIT

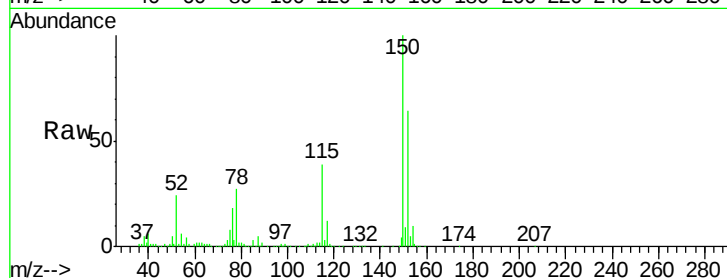
Tot Ion:152 Resp: 108108

Ion Ratio Lower Upper

152 100

115 61.9 30.2 90.6

150 158.0 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

