

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060983.D
 Acq On : 15 Apr 2020 23:48
 Operator : JC/MD
 Sample : L2252-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Apr 16 08:19:19 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

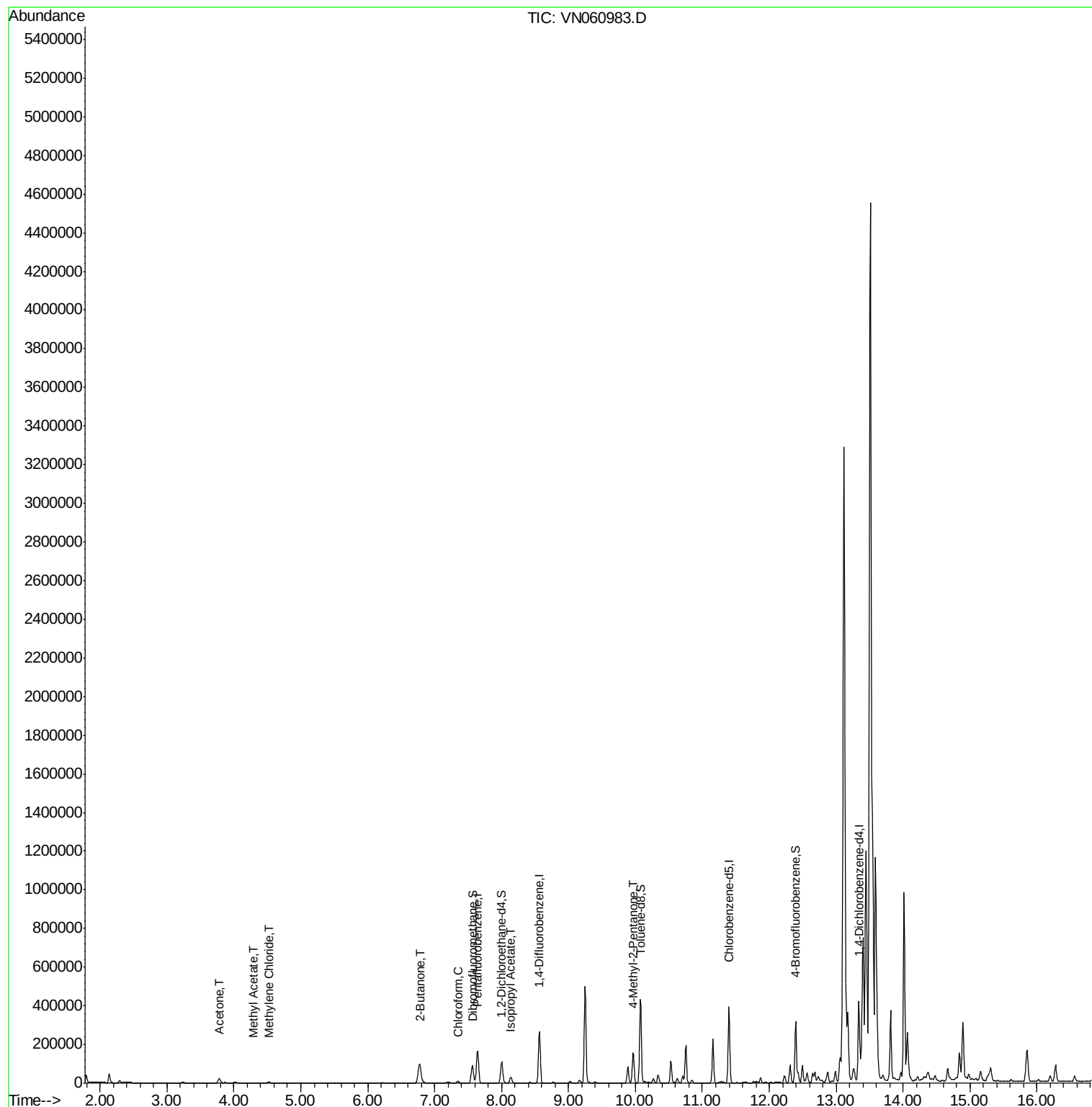
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	136101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	230781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	220972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	104378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	92456	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
35) Dibromofluoromethane	7.56	113	69323	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
50) Toluene-d8	10.08	98	293537	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.39	95	113318	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
Target Compounds						
16) Acetone	3.78	43	40534	61.247	ug/l	99
18) Methyl Acetate	4.30	43	3281	1.761	ug/l #	83
20) Methylene Chloride	4.52	84	4104	2.521	ug/l	85
25) 2-Butanone	6.79	43	23620	22.056	ug/l	94
30) Chloroform	7.34	83	9507	3.322	ug/l	98
43) Isopropyl Acetate	8.14	43	37230	9.349	ug/l #	89
51) 4-Methyl-2-Pentanone	9.97	43	113872	50.252	ug/l	98

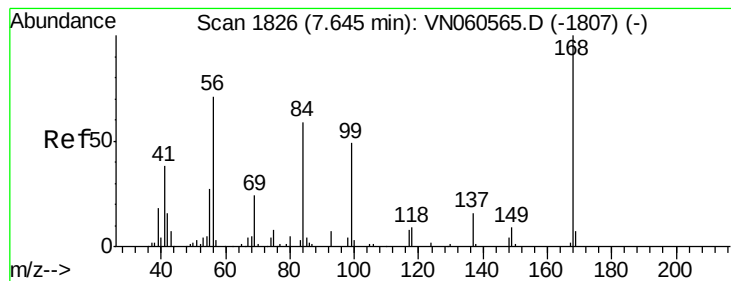
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041520\
Data File : VN060983.D
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Quant Time: Apr 16 08:19:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
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: VN060983.D

Acq: 15 Apr 2020 23:48

Instrument :

MSVOA_N

ClientSampleId :

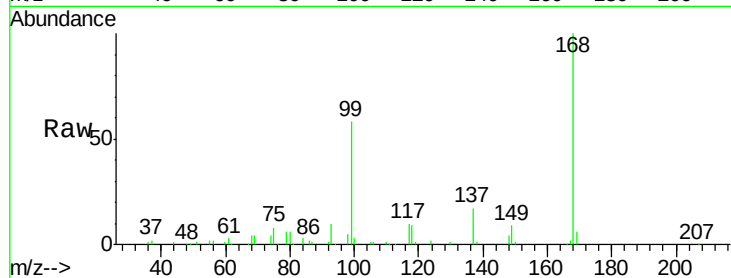
CHASSIS-WASH-SEDIMENT-PIT

Tot Ion:168 Resp: 136101

Ion Ratio Lower Upper

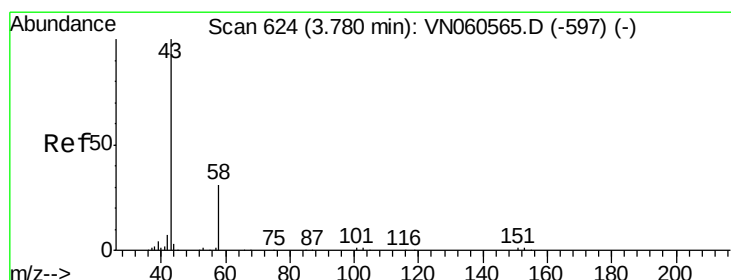
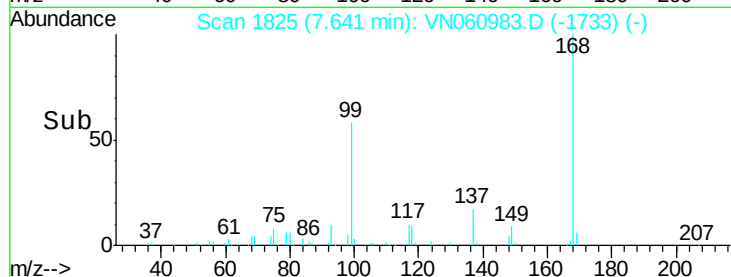
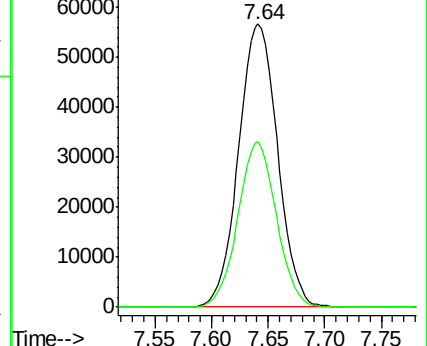
168 100

99 58.5 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: 61.247 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060983.D

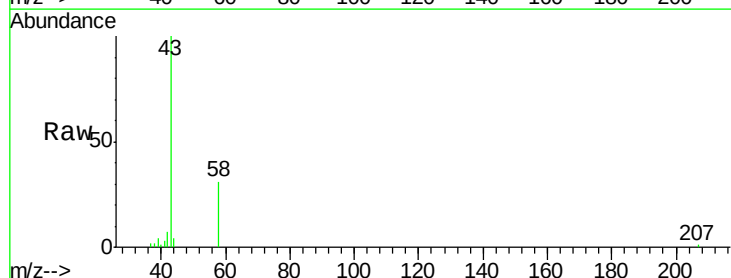
Acq: 15 Apr 2020 23:48

Tgt Ion: 43 Resp: 40534

Ion Ratio Lower Upper

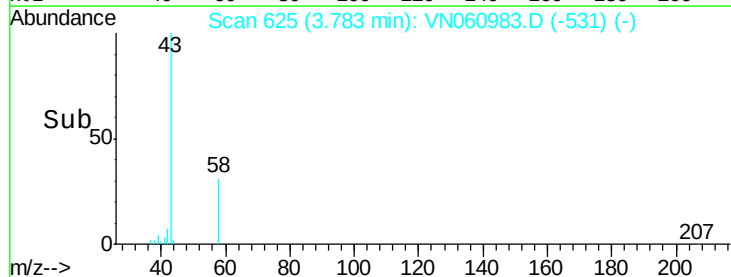
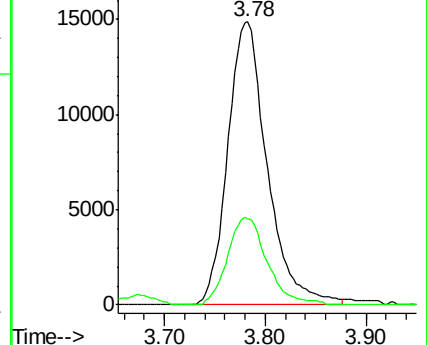
43 100

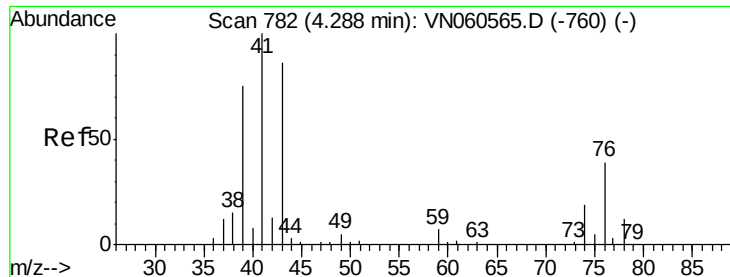
58 30.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

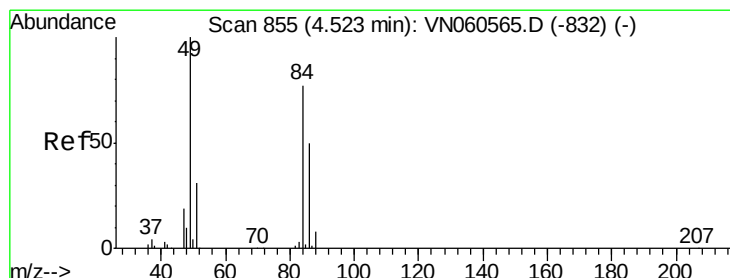
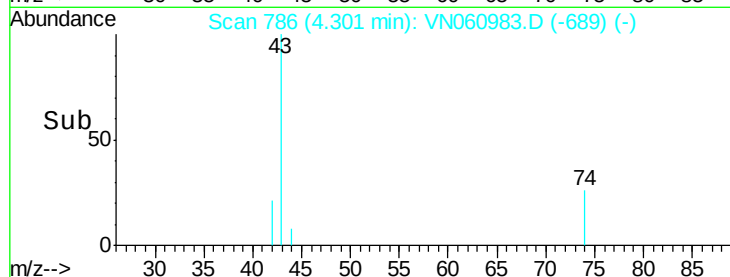
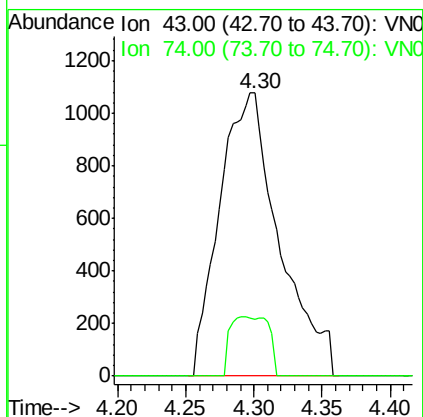
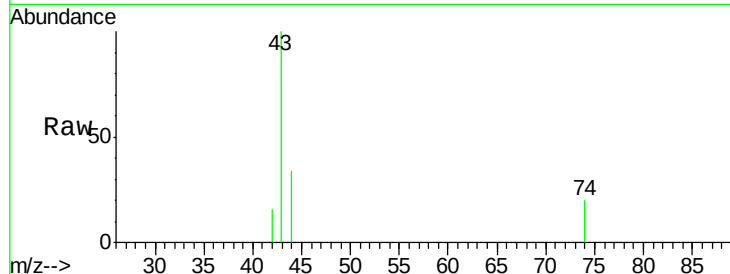




#18
Methyl Acetate
Concen: 1.761 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN060983.D
Acq: 15 Apr 2020 23:48

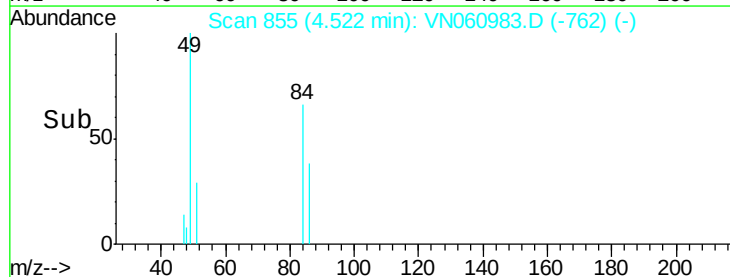
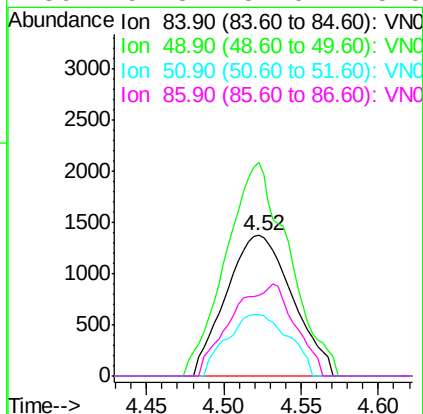
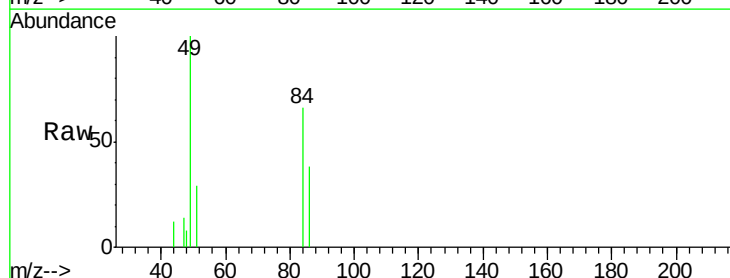
Instrument :
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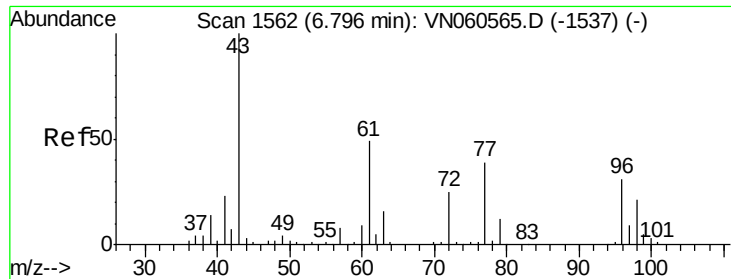
Tot Ion: 43 Resp: 3281
Ion Ratio Lower Upper
43 100
74 13.6 17.5 26.3#



#20
Methylene Chloride
Concen: 2.521 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060983.D
Acq: 15 Apr 2020 23:48

Tgt Ion: 84 Resp: 4104
Ion Ratio Lower Upper
84 100
49 152.0 103.3 154.9
51 43.9 31.6 47.4
86 57.8 52.0 78.0





#25

2-Butanone

Concen: 22.056 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060983.D

Acq: 15 Apr 2020 23:48

Instrument :

MSVOA_N

ClientSampleId :

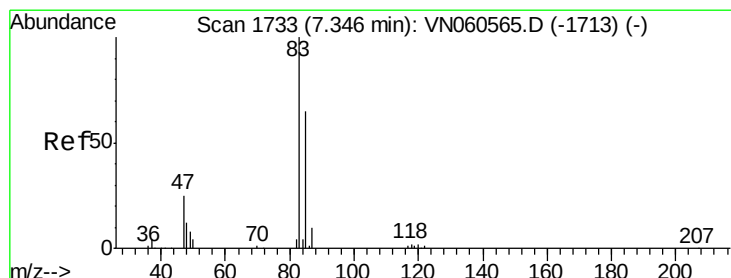
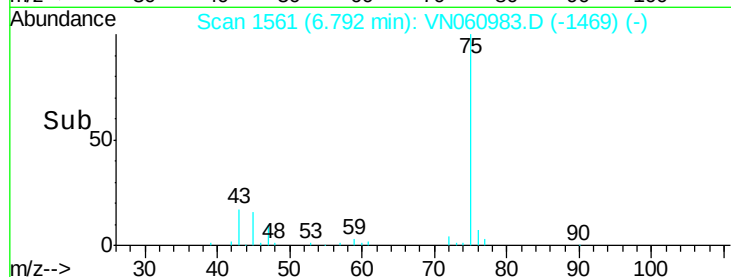
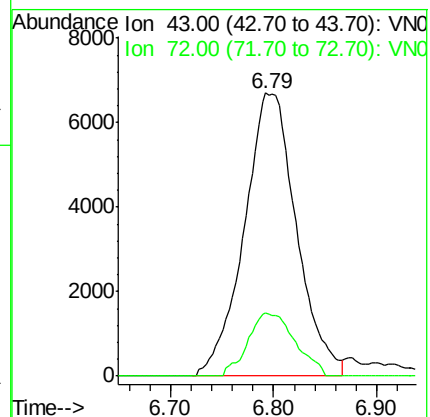
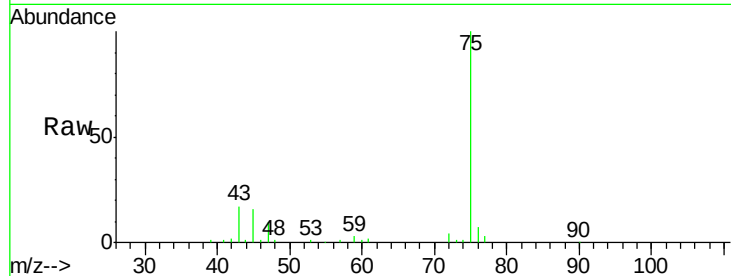
CHASSIS-WASH-SEDIMENT-PIT

Tot Ion: 43 Resp: 23620

Ion Ratio Lower Upper

43 100

72 22.4 20.4 30.6



#30

Chloroform

Concen: 3.322 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060983.D

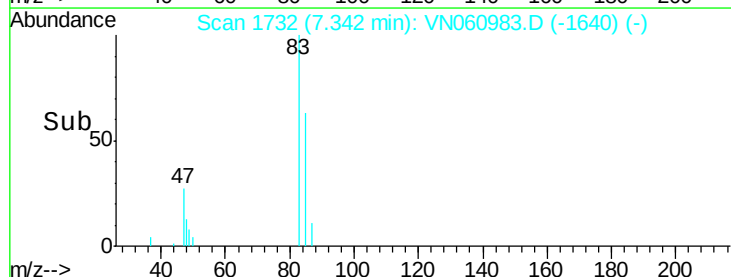
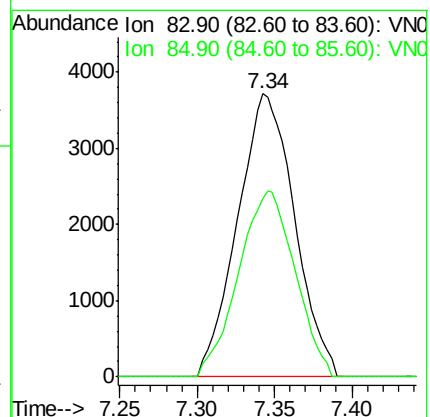
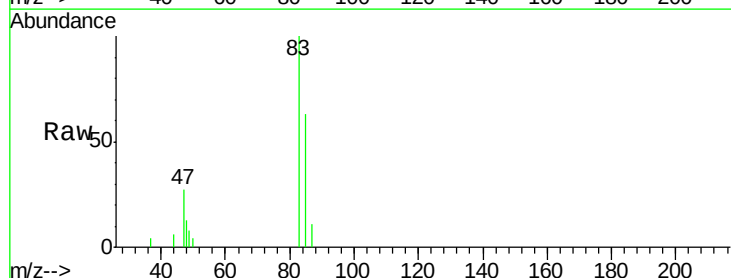
Acq: 15 Apr 2020 23:48

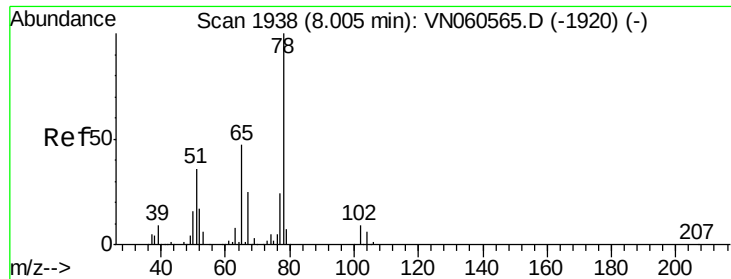
Tgt Ion: 83 Resp: 9507

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.8

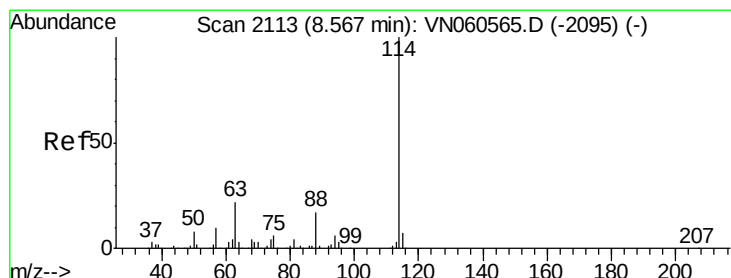
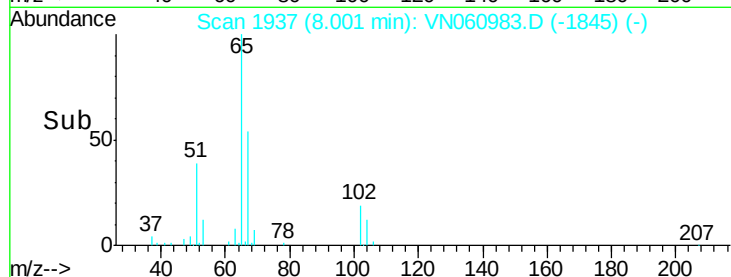
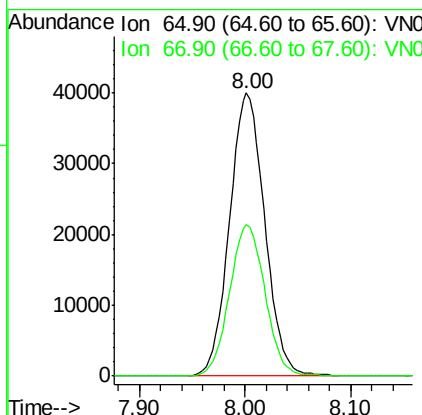
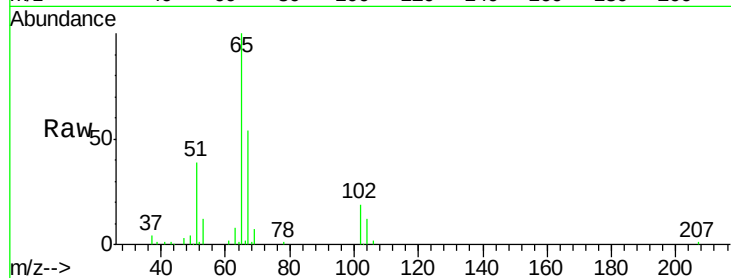




#33
 1,2-Dichloroethane-d4
 Concen: 49.485 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060983.D
 Acq: 15 Apr 2020 23:48

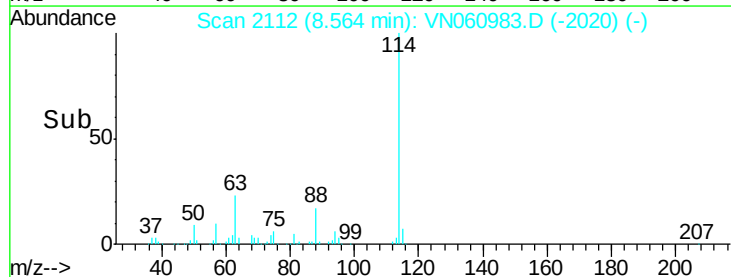
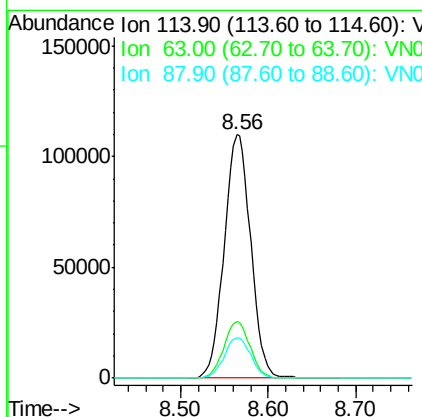
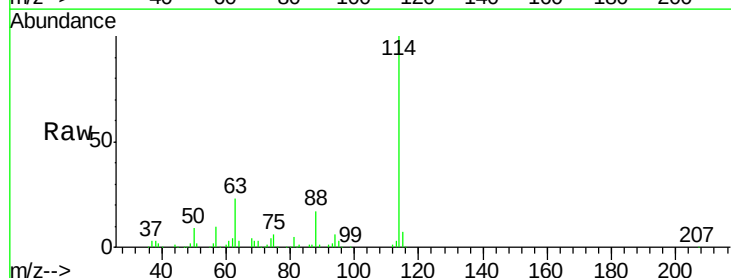
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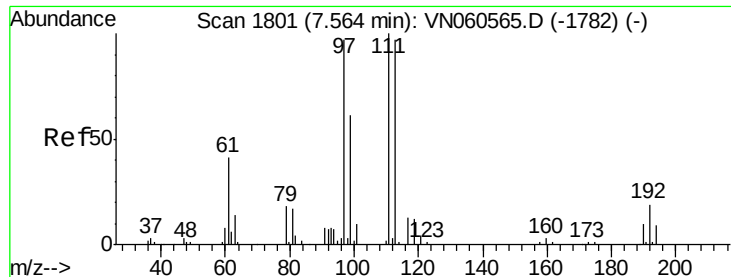
Tot Ion: 65 Resp: 92456
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060983.D
 Acq: 15 Apr 2020 23:48

Tgt Ion: 114 Resp: 230781
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 43.8
 88 16.7 0.0 33.0

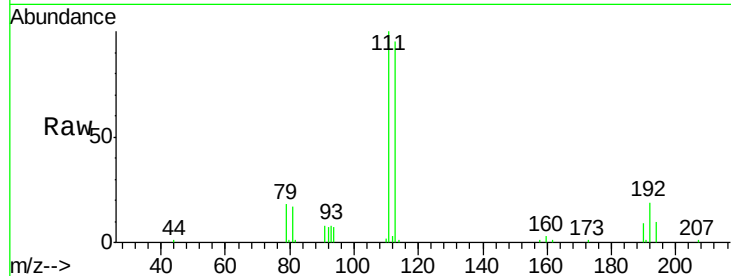




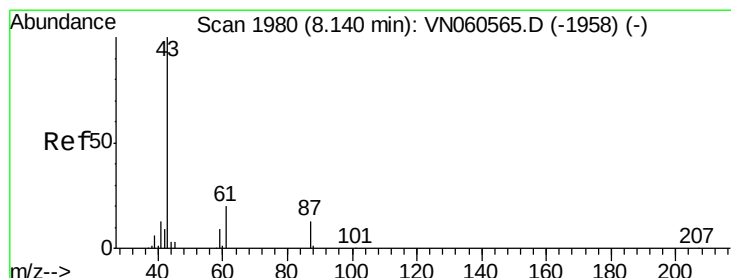
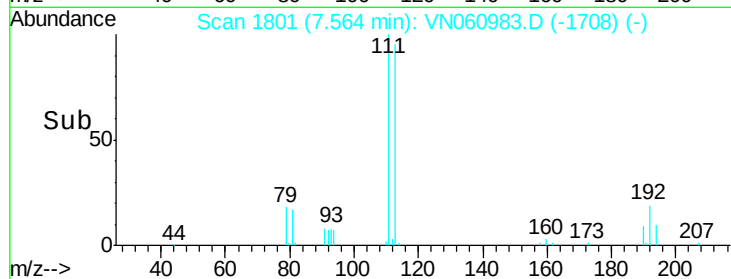
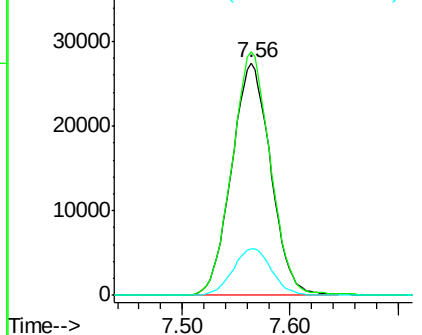
#35
 Dibromofluoromethane
 Concen: 49.677 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060983.D
 Acq: 15 Apr 2020 23:48

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

Tot Ion:113 Resp: 69323
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 19.6 15.8 23.8

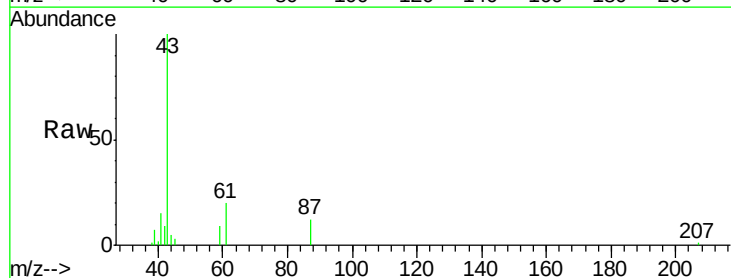


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

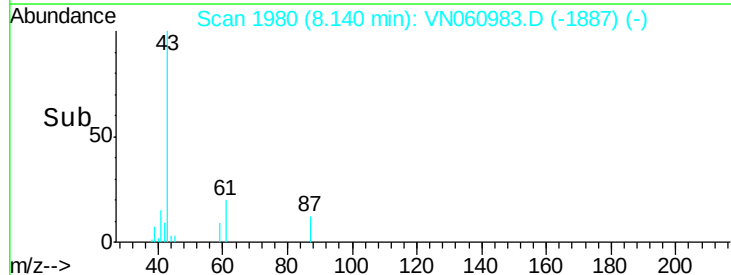
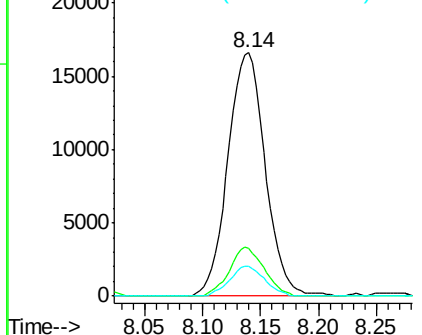


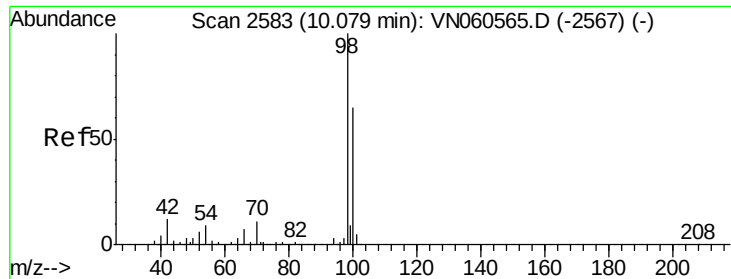
#43
 Isopropyl Acetate
 Concen: 9.349 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: VN060983.D
 Acq: 15 Apr 2020 23:48

Tgt Ion: 43 Resp: 37230
 Ion Ratio Lower Upper
 43 100
 61 18.5 20.7 31.1#
 87 11.4 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO

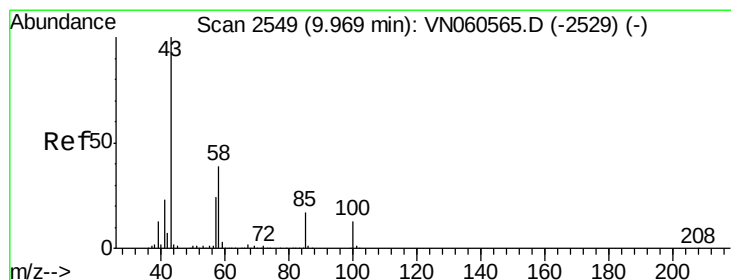
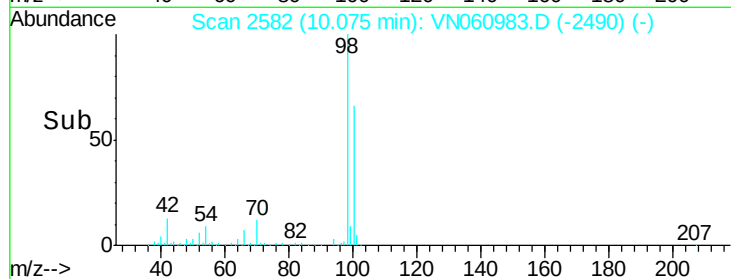
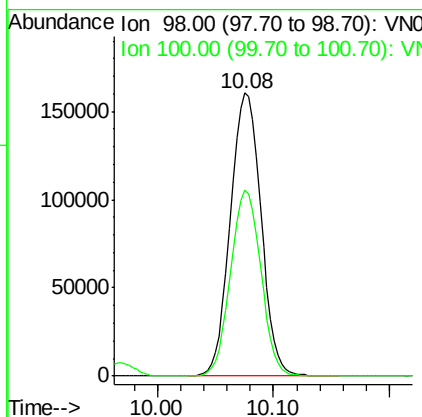
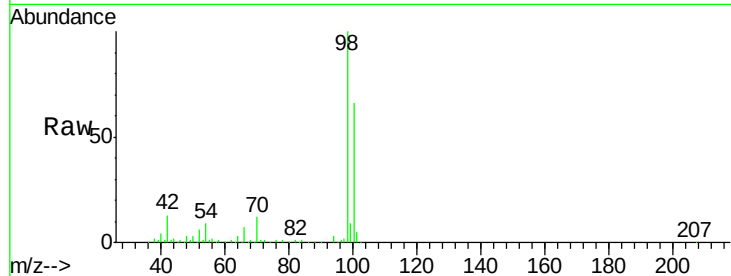




#50
Toluene-d8
Concen: 51.499 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060983.D
Acq: 15 Apr 2020 23:48

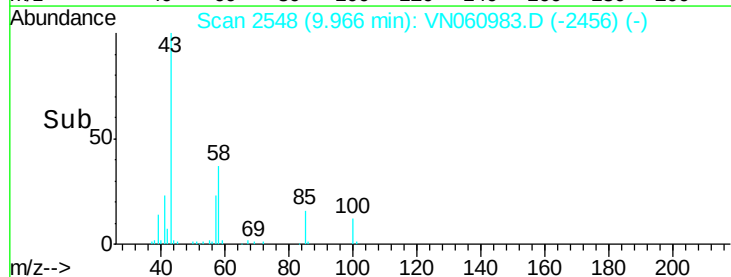
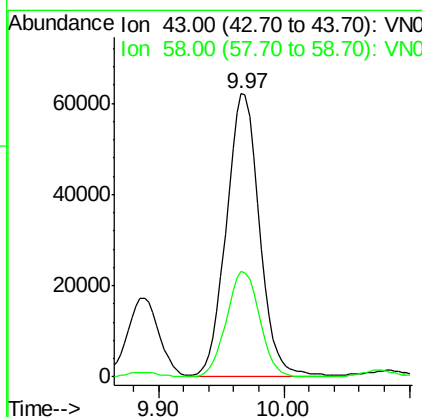
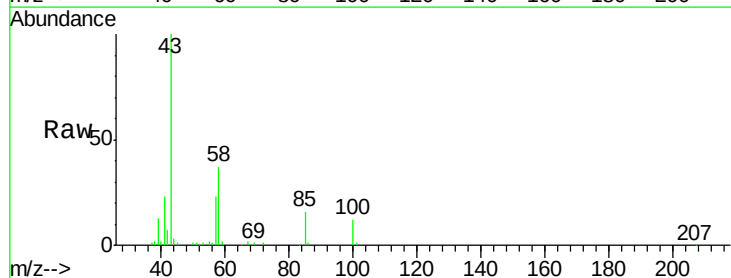
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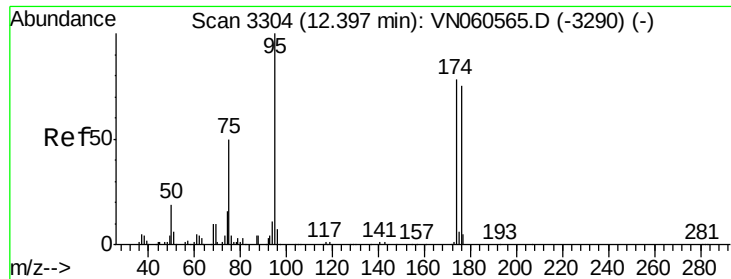
Tot Ion: 98 Resp: 293537
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 50.252 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060983.D
Acq: 15 Apr 2020 23:48

Tgt Ion: 43 Resp: 113872
Ion Ratio Lower Upper
43 100
58 37.3 30.8 46.2





#62

4-Bromofluorobenzene

Concen: 54.247 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060983.D

Acq: 15 Apr 2020 23:48

Instrument :

MSVOA_N

ClientSampleId :

CHASSIS-WASH-SEDIMENT-PIT

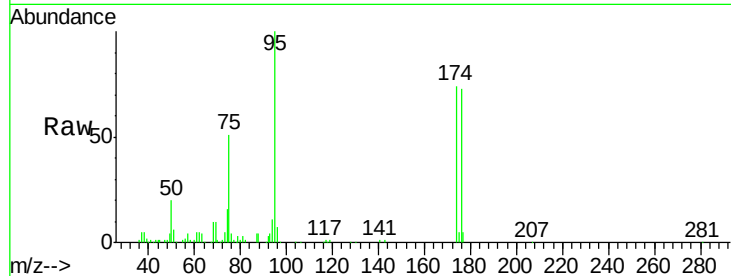
Tot Ion: 95 Resp: 113318

Ion Ratio Lower Upper

95 100

174 74.8 0.0 157.6

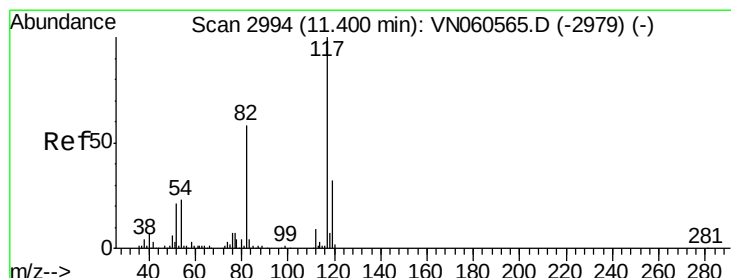
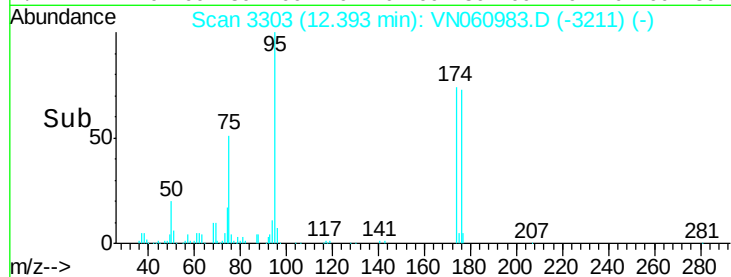
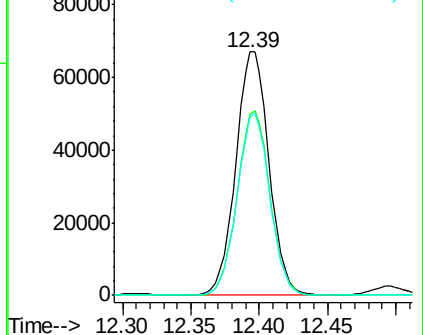
176 73.2 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060983.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060983.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060983.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060983.D

Acq: 15 Apr 2020 23:48

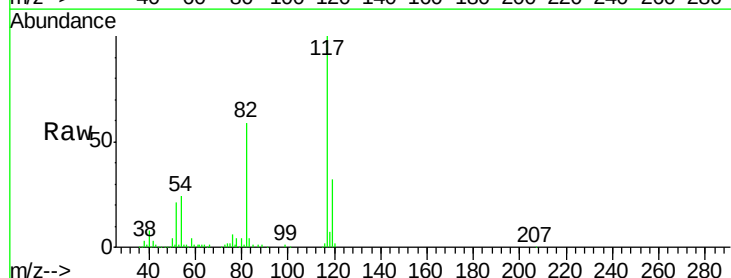
Tgt Ion: 117 Resp: 220972

Ion Ratio Lower Upper

117 100

82 59.2 46.7 70.1

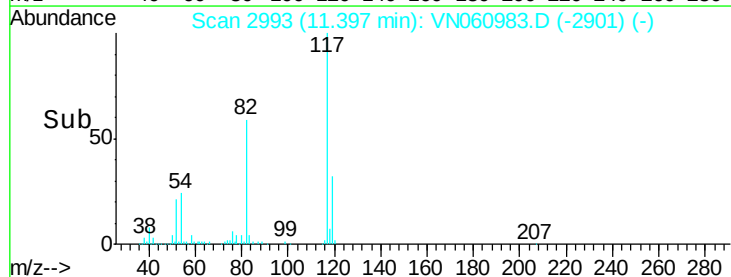
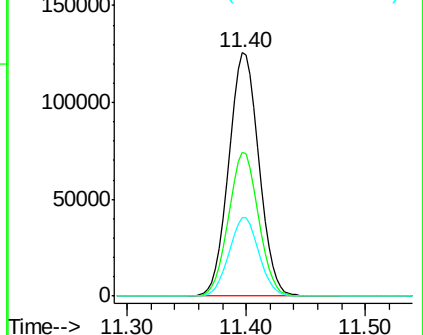
119 32.2 25.5 38.3

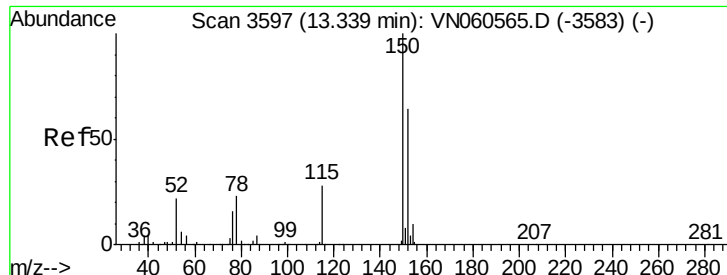


Abundance Ion 116.90 (116.60 to 117.60): VN060983.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060983.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060983.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: VN060983.D

Acq: 15 Apr 2020 23:48

Instrument :

MSVOA_N

ClientSampleId :

CHASSIS-WASH-SEDIMENT-PIT

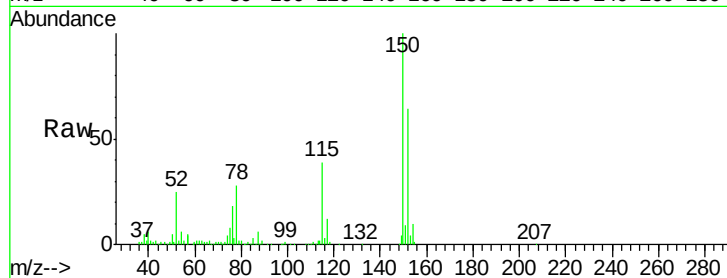
Tot Ion:152 Resp: 104378

Ion Ratio Lower Upper

152 100

115 60.7 30.2 90.6

150 156.8 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

