

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060932.D
 Acq On : 14 Apr 2020 14:45
 Operator : JC/MD
 Sample : L2197-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RECLAIM-SYSTEM-SLUDGE-SEPA

Quant Time: Apr 15 12:44:55 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

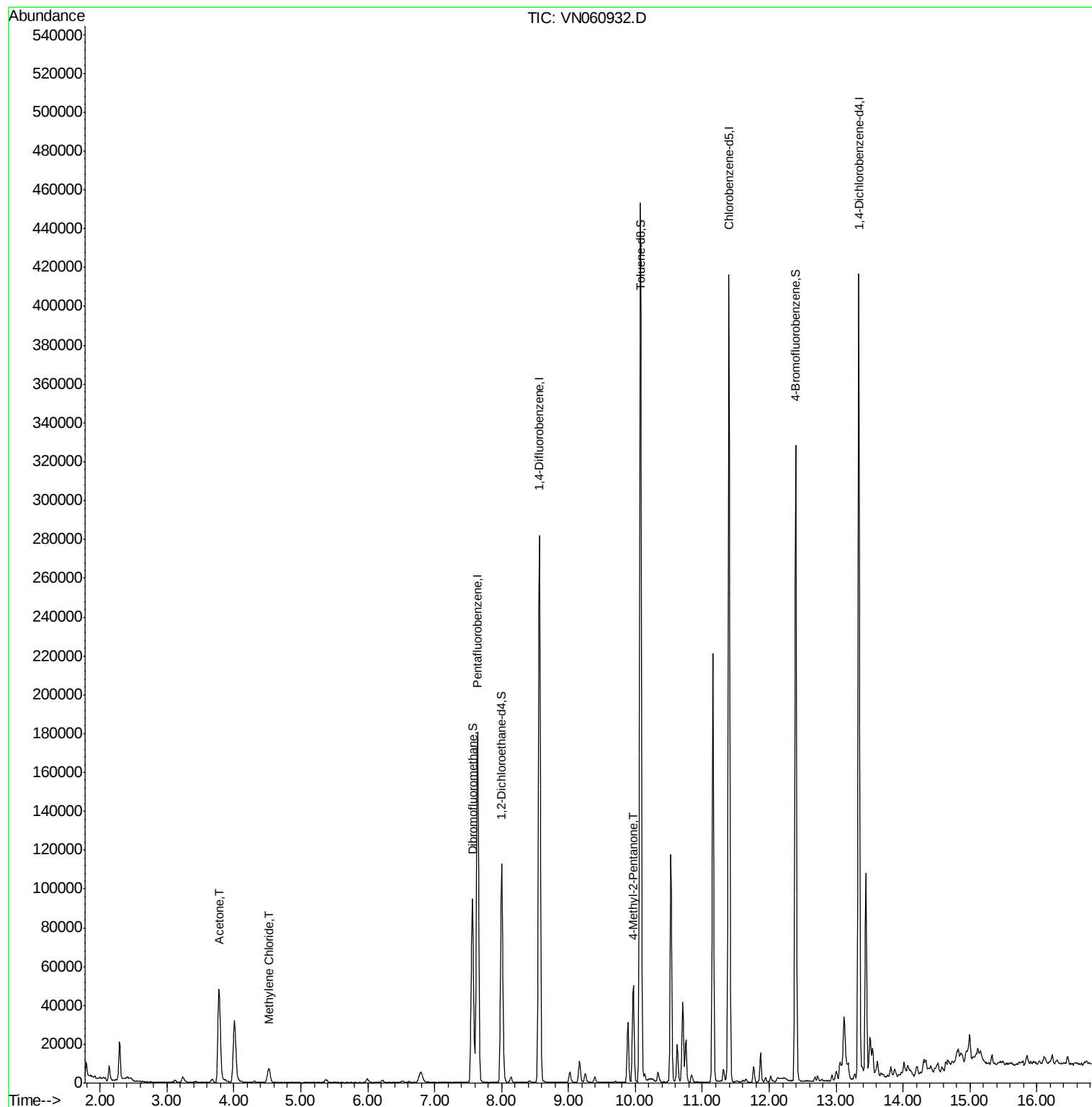
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	146140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	247839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	233880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97582	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
35) Dibromofluoromethane	7.56	113	73829	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	10.08	98	307763	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.39	95	117201	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
Target Compounds						
16) Acetone	3.78	43	83438	117.415	ug/l	99
20) Methylene Chloride	4.53	84	5740	3.284	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	36063	14.819	ug/l	97

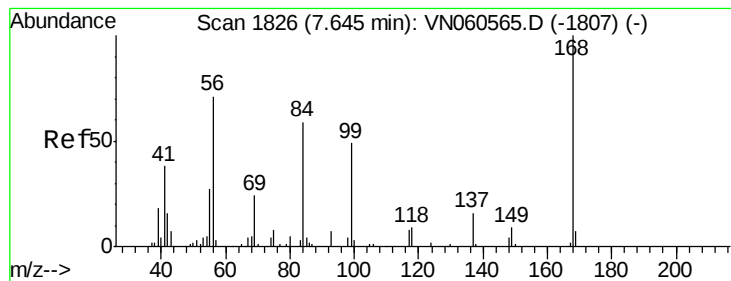
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

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Acq: 14 Apr 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

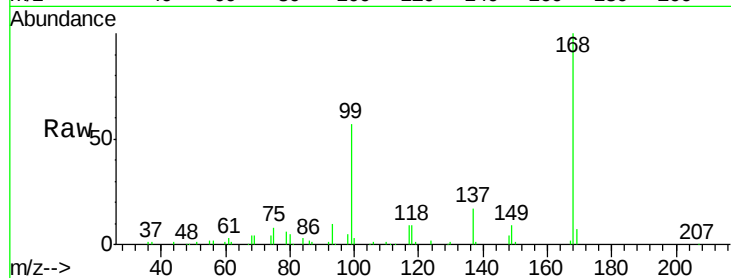
RECLAIM-SYSTEM-SLUDGE-SEPA

Tot Ion:168 Resp: 146140

Ion Ratio Lower Upper

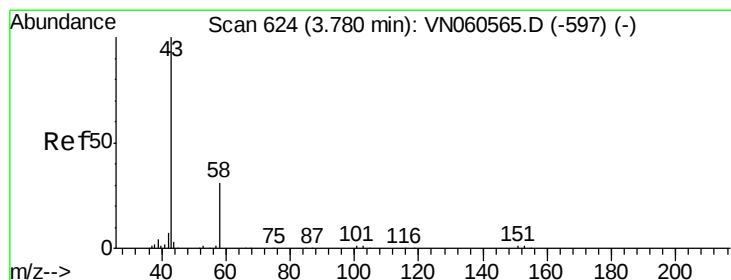
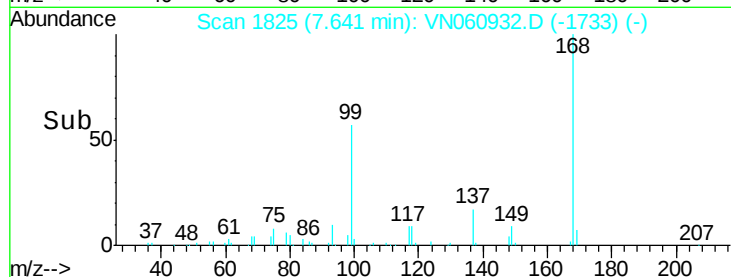
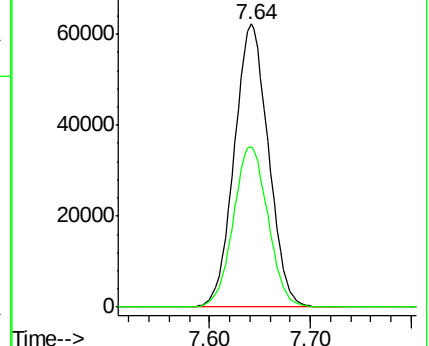
168 100

99 56.7 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: 117.415 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060932.D

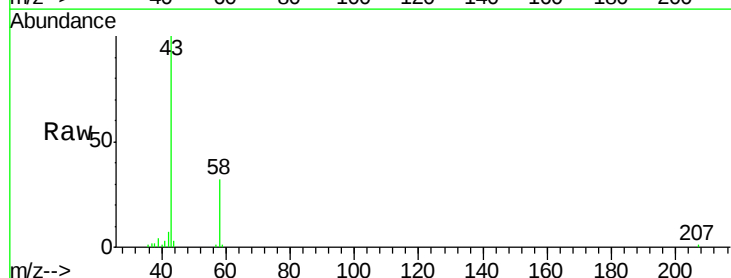
Acq: 14 Apr 2020 14:45

Tgt Ion: 43 Resp: 83438

Ion Ratio Lower Upper

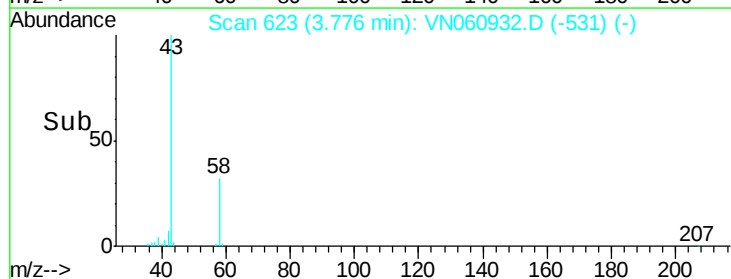
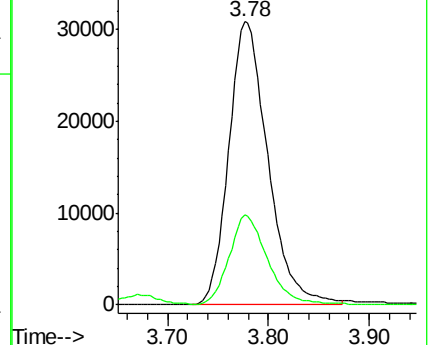
43 100

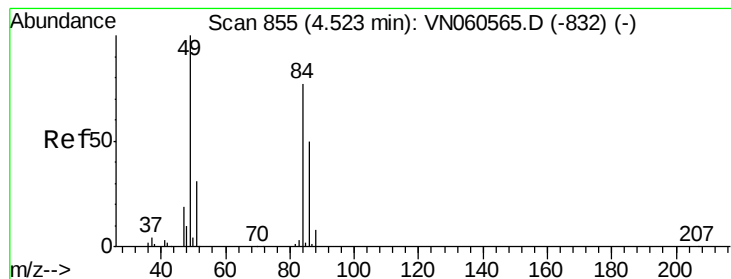
58 31.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methvlene Chloride

Concen: 3.284 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060932.D

Acq: 14 Apr 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

RECLAIM-SYSTEM-SLUDGE-SEPA

Tot Ion: 84 Resp: 5740

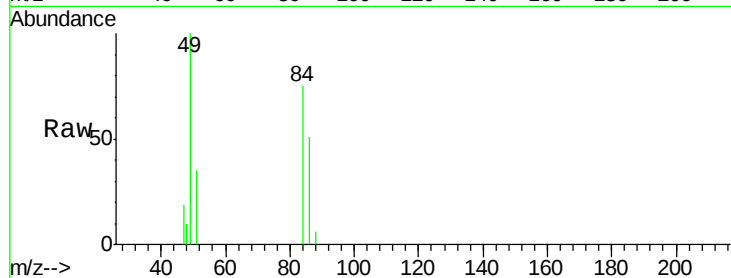
Ion Ratio Lower Upper

84 100

49 133.8 103.3 154.9

51 46.6 31.6 47.4

86 68.6 52.0 78.0

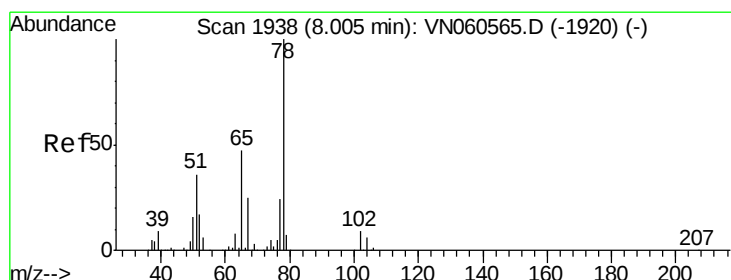
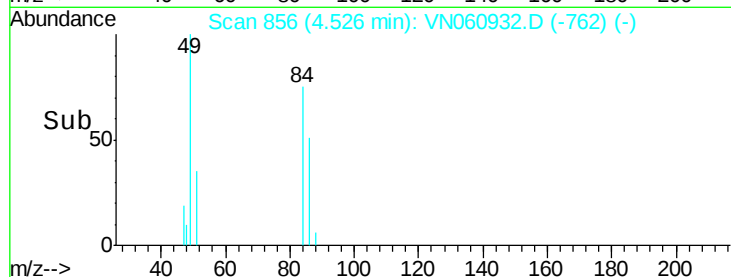
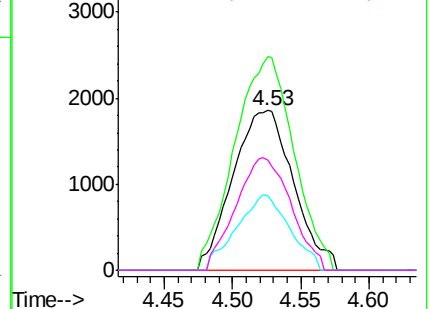


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 48.641 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060932.D

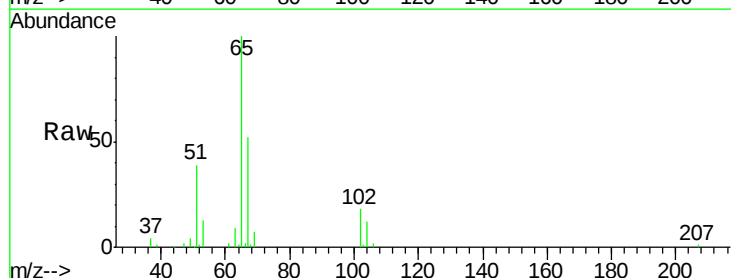
Acq: 14 Apr 2020 14:45

Tgt Ion: 65 Resp: 97582

Ion Ratio Lower Upper

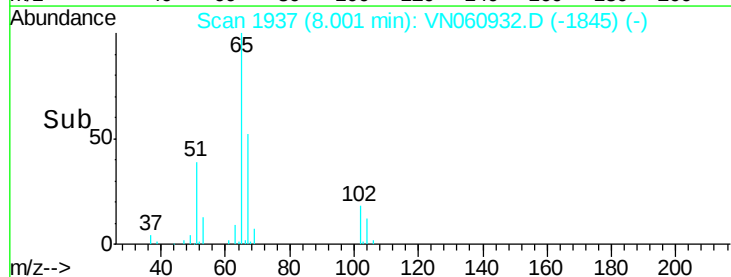
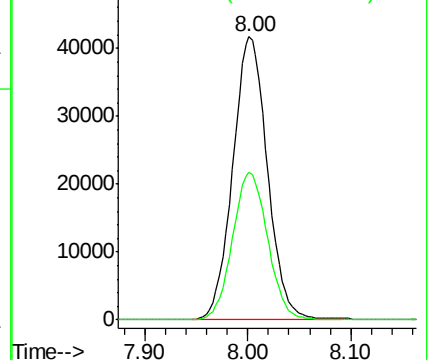
65 100

67 52.7 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: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060932.D

Acq: 14 Apr 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

RECLAIM-SYSTEM-SLUDGE-SEPA

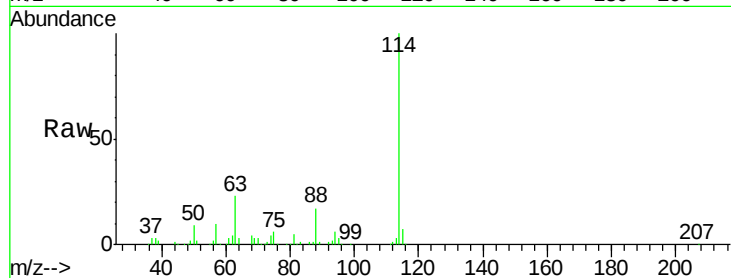
Tot Ion:114 Resp: 247839

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.8

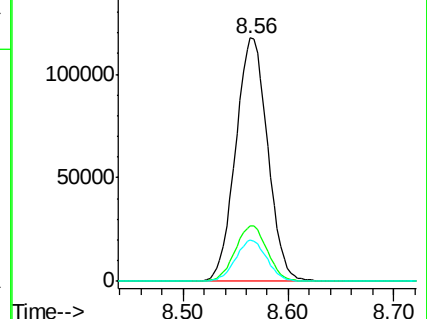
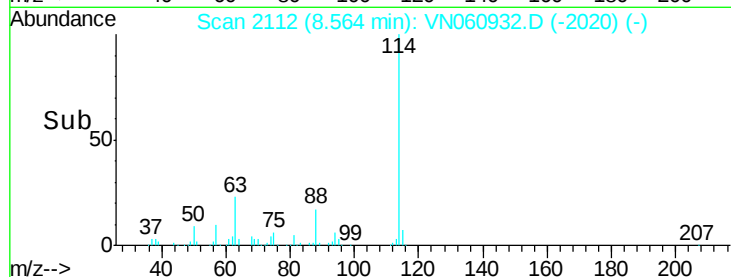
88 17.0 0.0 33.0



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: 49.265 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060932.D

Acq: 14 Apr 2020 14:45

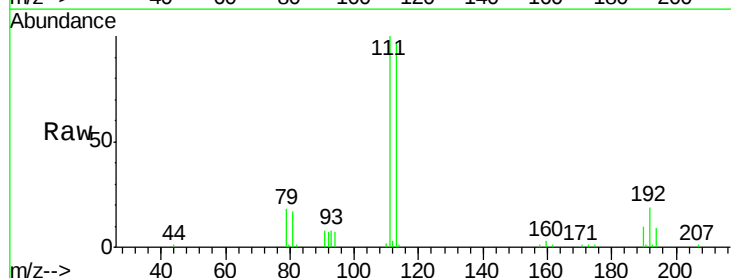
Tgt Ion:113 Resp: 73829

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

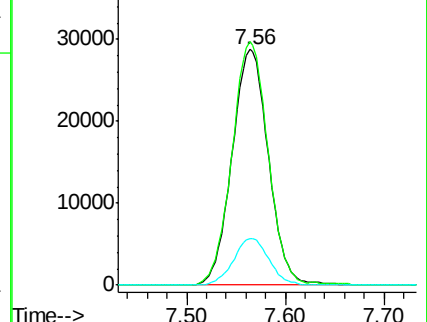
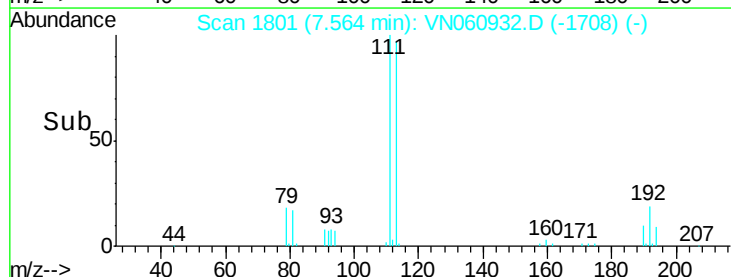
192 19.1 15.8 23.8

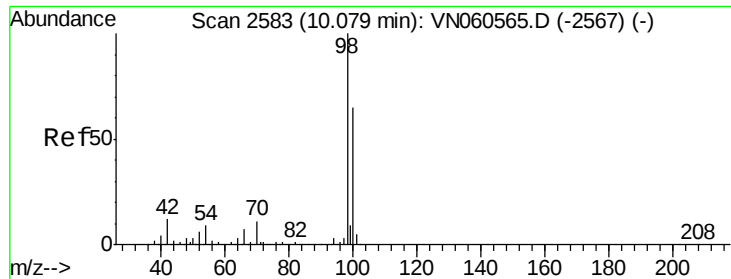


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

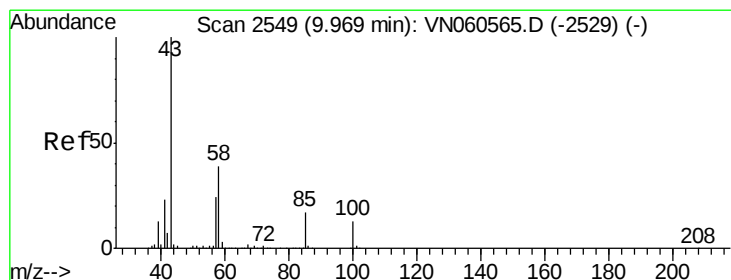
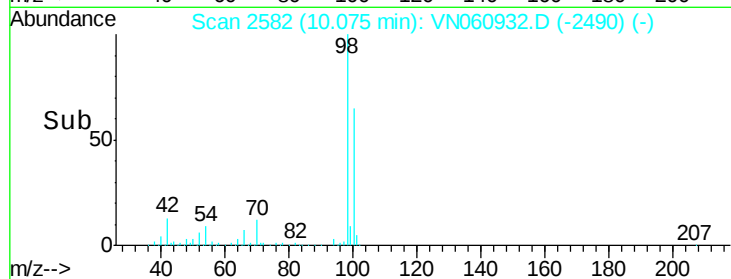
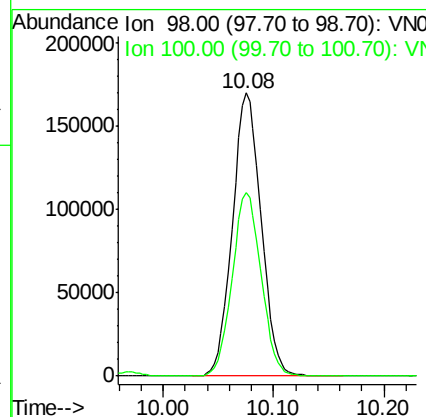
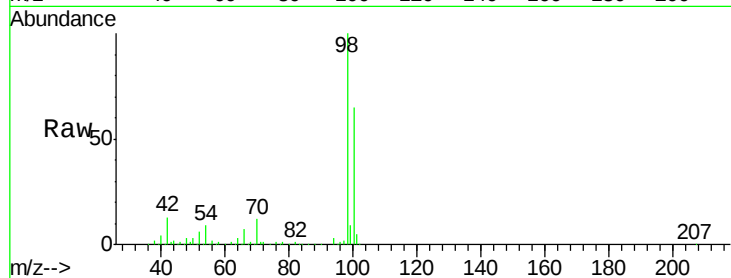




#50
Toluene-d8
Concen: 50.278 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060932.D
Acq: 14 Apr 2020 14:45

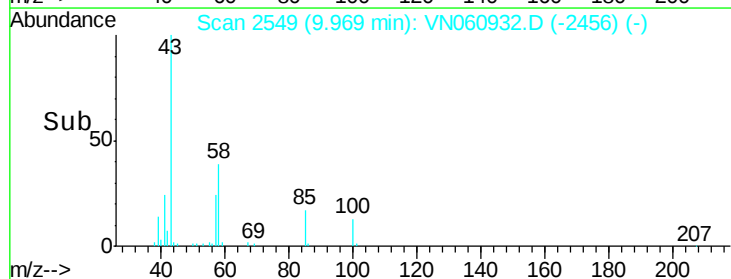
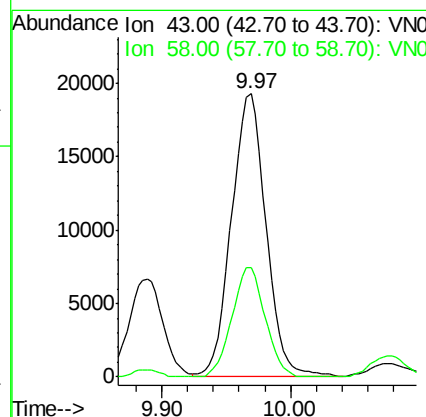
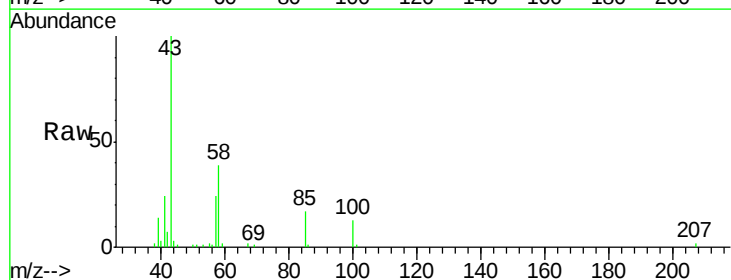
Instrument :
MSVOA_N
ClientSampleId :
RECLAIM-SYSTEM-SLUDGE-SEPA

Tot Ion: 98 Resp: 307763
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 14.819 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN060932.D
Acq: 14 Apr 2020 14:45

Tgt Ion: 43 Resp: 36063
Ion Ratio Lower Upper
43 100
58 36.8 30.8 46.2

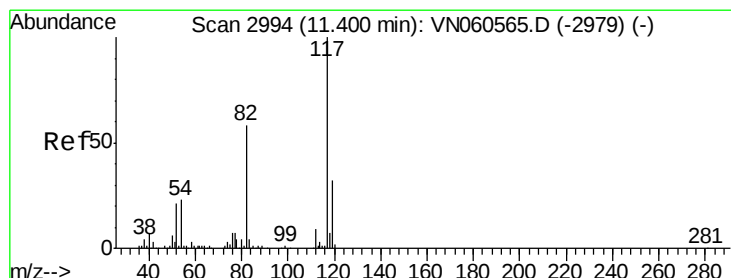
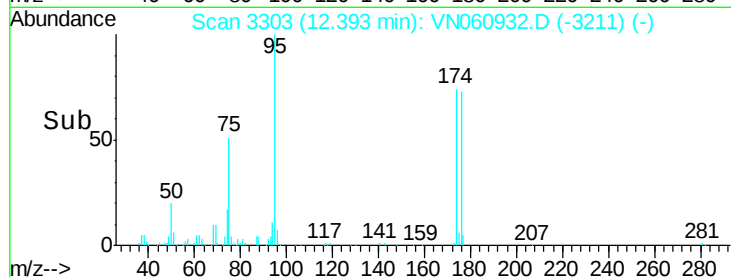
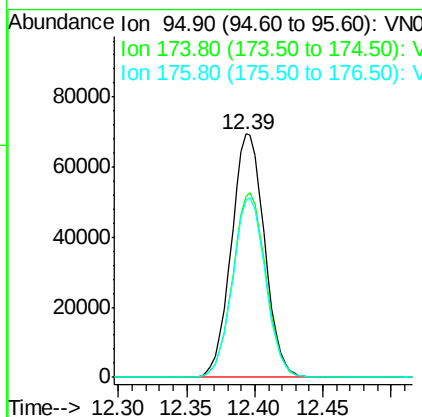
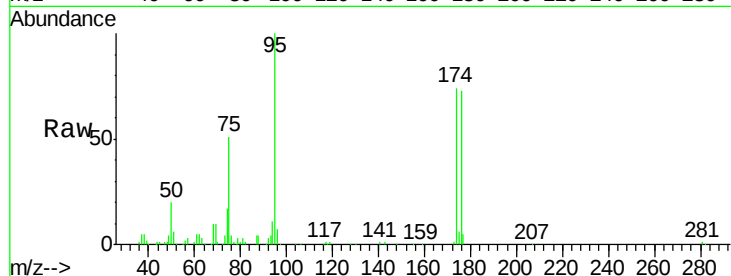




#62
4-Bromofluorobenzene
Concen: 52.244 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. -0.00 min
Lab File: VN060932.D
Acq: 14 Apr 2020 14:45

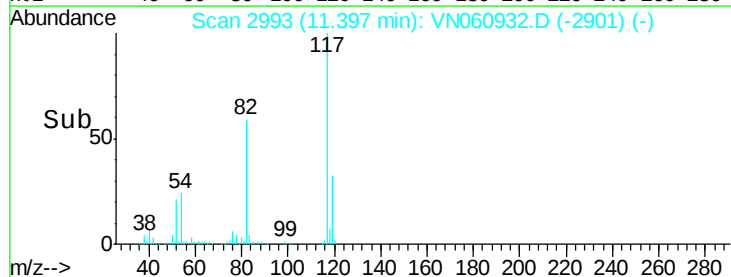
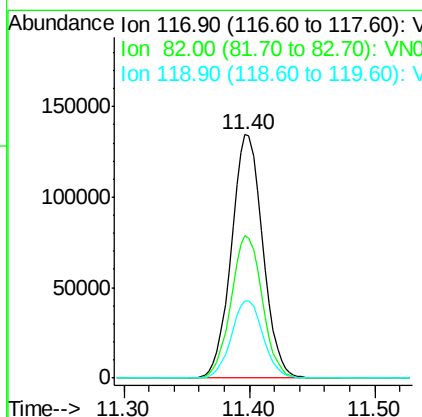
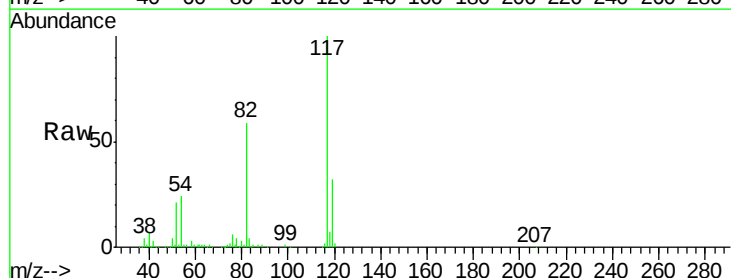
Instrument :
MSVOA_N
ClientSampleId :
RECLAIM-SYSTEM-SLUDGE-SEPA

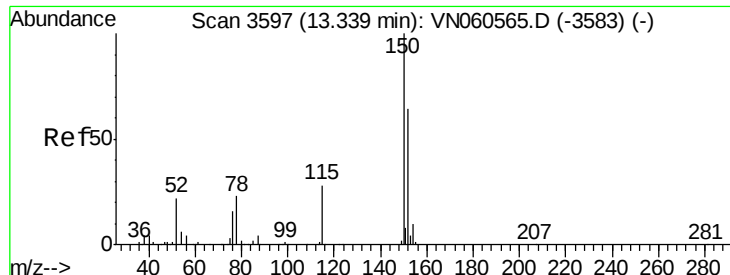
Tot Ion: 95 Resp: 117201
Ion Ratio Lower Upper
95 100
174 75.6 0.0 157.6
176 73.3 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060932.D
Acq: 14 Apr 2020 14:45

Tgt Ion: 117 Resp: 233880
Ion Ratio Lower Upper
117 100
82 58.6 46.7 70.1
119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060932.D

Acq: 14 Apr 2020 14:45

Instrument :

MSVOA_N

ClientSampleId :

RECLAIM-SYSTEM-SLUDGE-SEPA

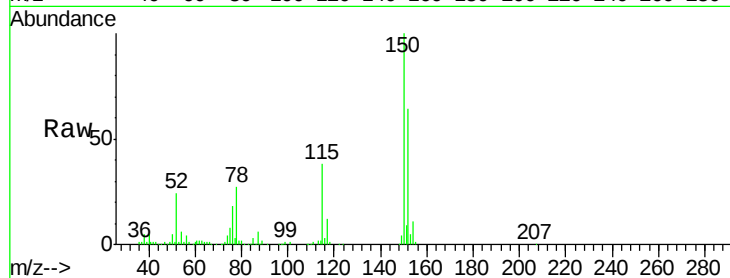
Tot Ion:152 Resp: 105811

Ion Ratio Lower Upper

152 100

115 61.4 30.2 90.6

150 157.7 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

