

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060642.D
 Acq On : 19 Mar 2020 17:17
 Operator : JC/MD
 Sample : L1980-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Mar 20 08:19:01 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

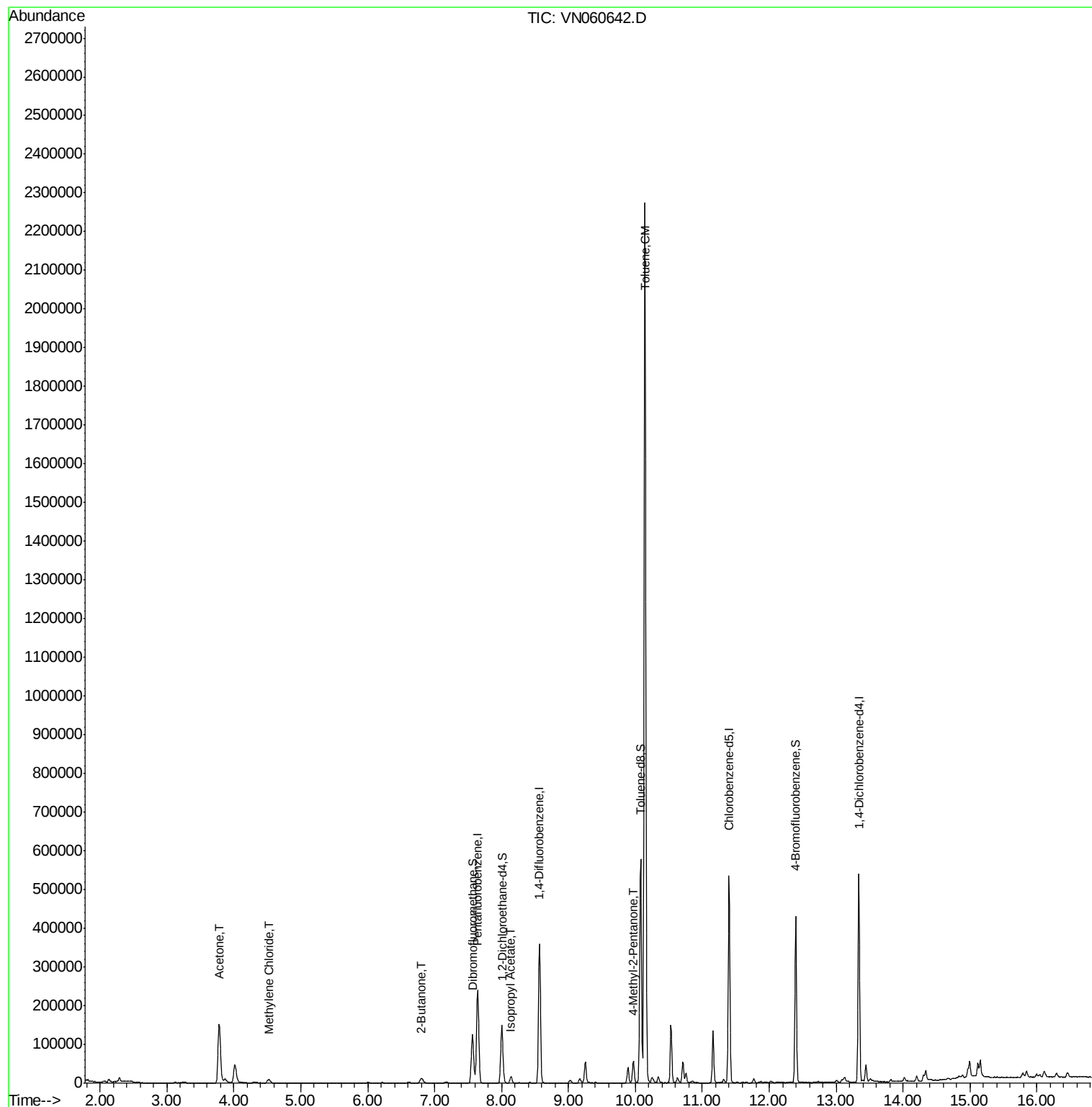
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	323699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	305055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127513	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
35) Dibromofluoromethane	7.56	113	95868	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.08	98	401820	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	149952	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
Target Compounds						
16) Acetone	3.78	43	261885	277.167	ug/l	100
20) Methylene Chloride	4.53	84	7708	3.316	ug/l	99
25) 2-Butanone	6.80	43	21981	14.376	ug/l	97
43) Isopropyl Acetate	8.14	43	19105	3.420	ug/l #	89
51) 4-Methyl-2-Pentanone	9.97	43	39816	12.527	ug/l	99
52) Toluene	10.14	92	1004682	175.815	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031920\
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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: VN060642.D

Acq: 19 Mar 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

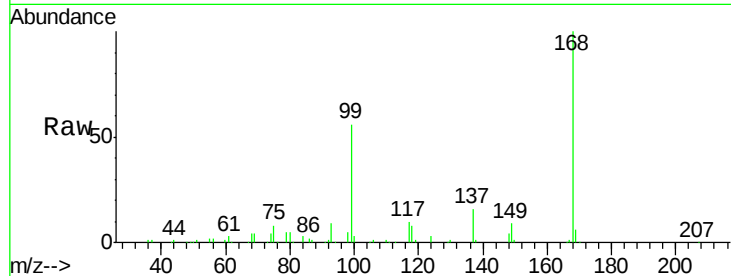
BUS-WASH-SLUDGE-PIT

Tot Ion:168 Resp: 194311

Ion Ratio Lower Upper

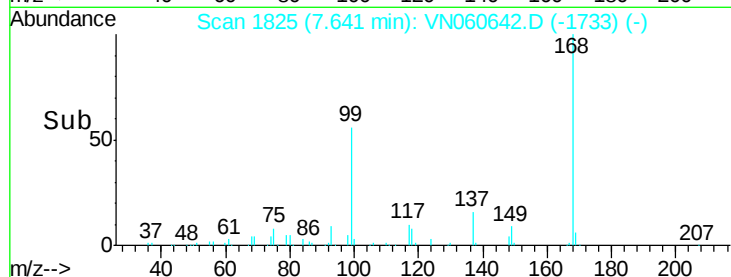
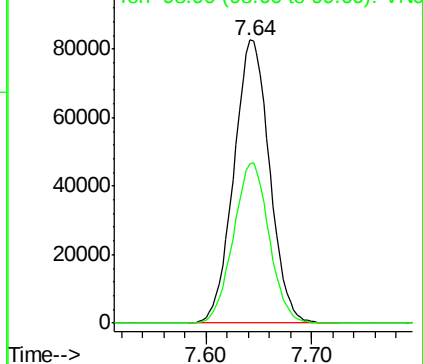
168 100

99 56.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 277.167 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060642.D

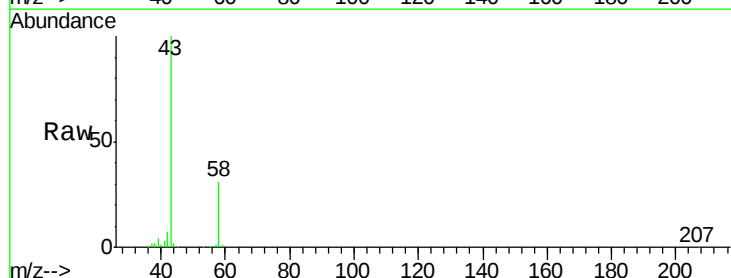
Acq: 19 Mar 2020 17:17

Tgt Ion: 43 Resp: 261885

Ion Ratio Lower Upper

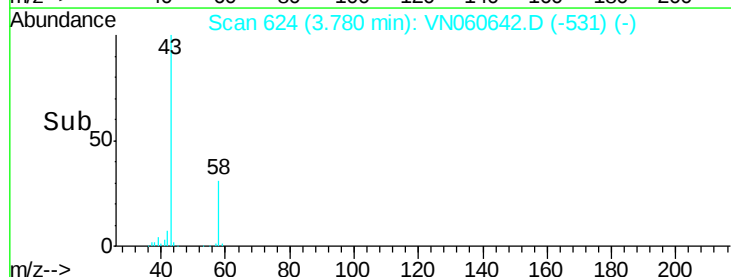
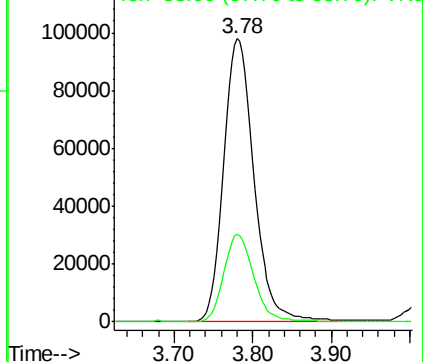
43 100

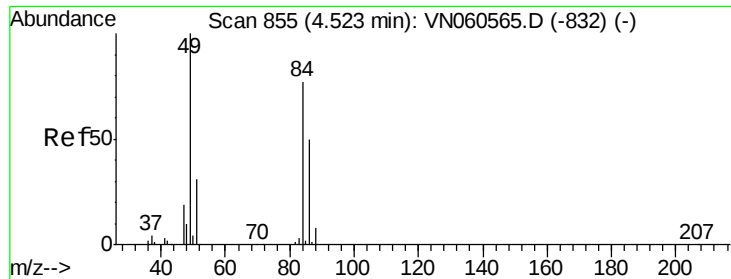
58 31.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

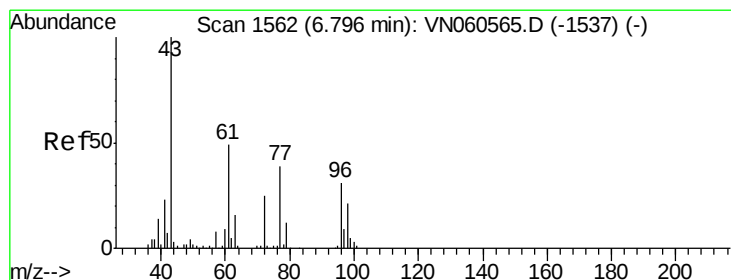
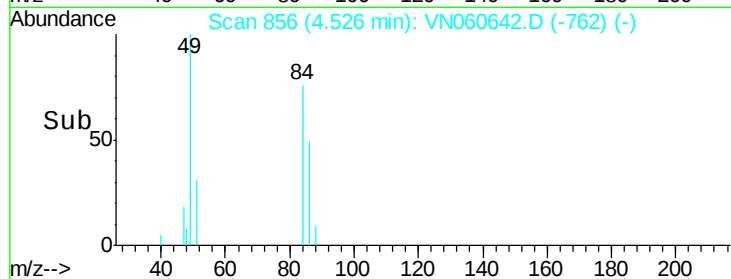
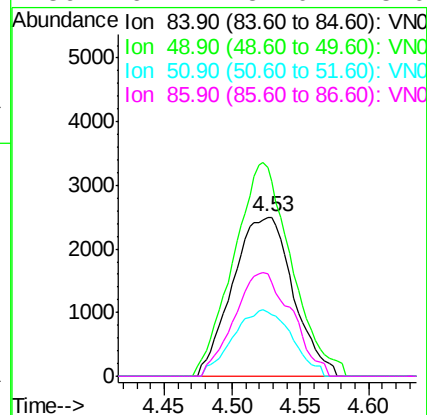
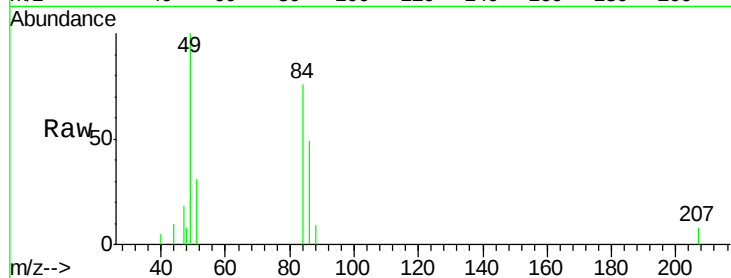




#20
Methvlene Chloride
Concen: 3.316 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060642.D
Acq: 19 Mar 2020 17:17

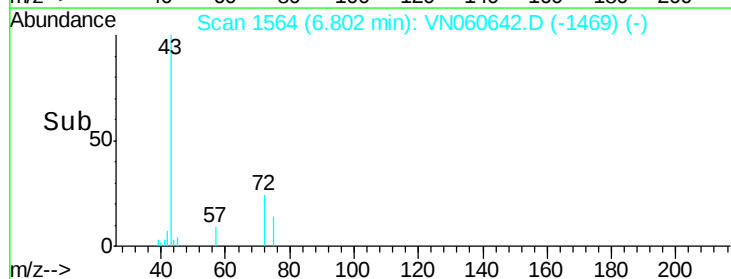
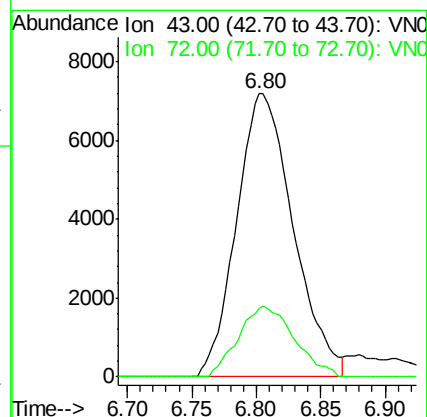
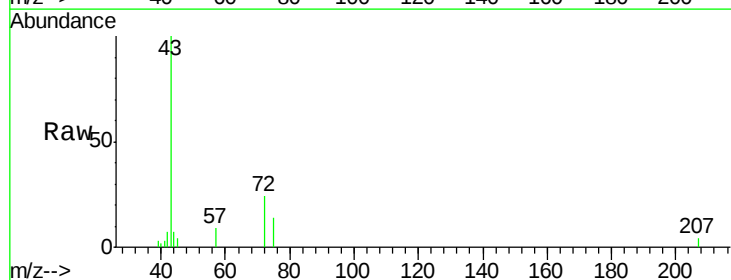
Instrument :
MSVOA_N
ClientSampleId :
BUS-WASH-SLUDGE-PIT

Tot Ion: 84 Resp: 7708
Ion Ratio Lower Upper
84 100
49 130.9 103.3 154.9
51 40.1 31.6 47.4
86 64.1 52.0 78.0



#25
2-Butanone
Concen: 14.376 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VN060642.D
Acq: 19 Mar 2020 17:17

Tgt Ion: 43 Resp: 21981
Ion Ratio Lower Upper
43 100
72 24.2 20.4 30.6

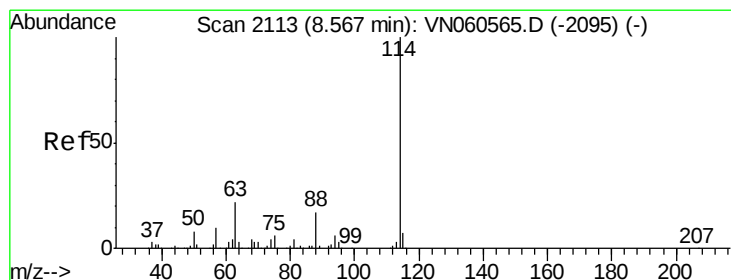
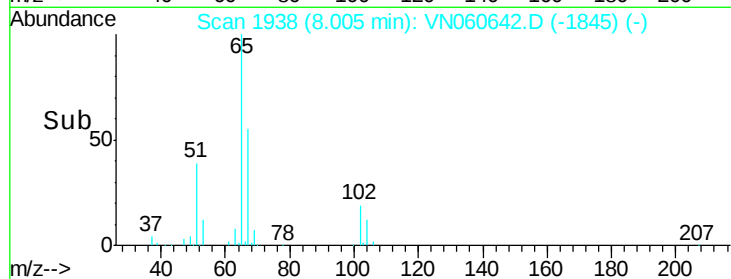
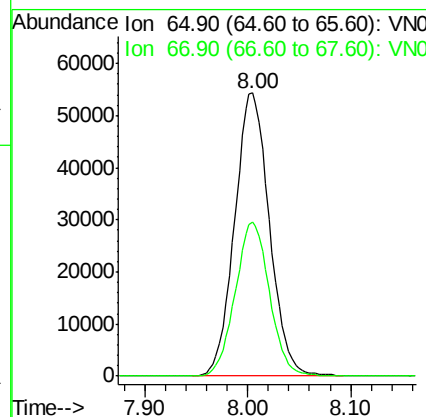
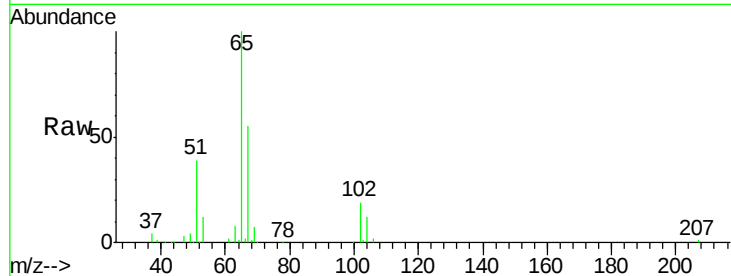




#33
 1,2-Dichloroethane-d4
 Concen: 47.803 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060642.D
 Acq: 19 Mar 2020 17:17

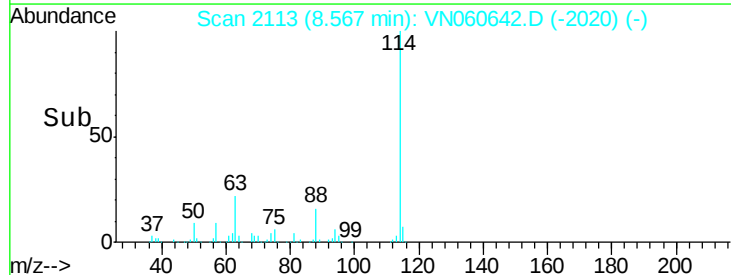
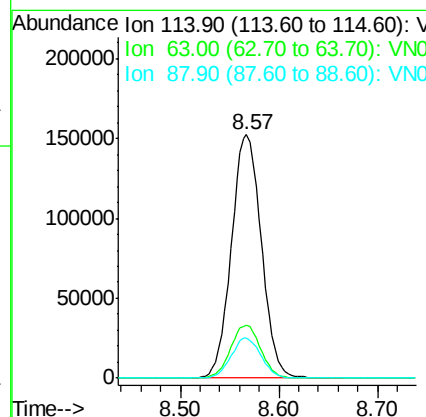
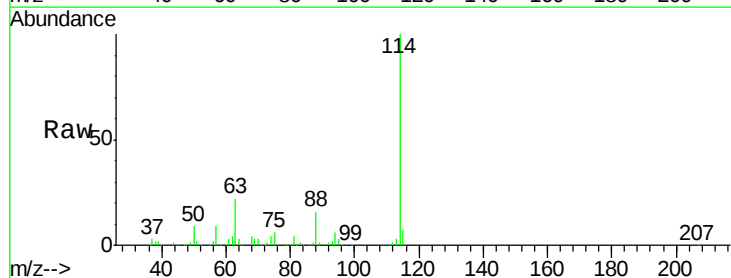
Instrument :
 MSVOA_N
 ClientSampleId :
 BUS-WASH-SLUDGE-PIT

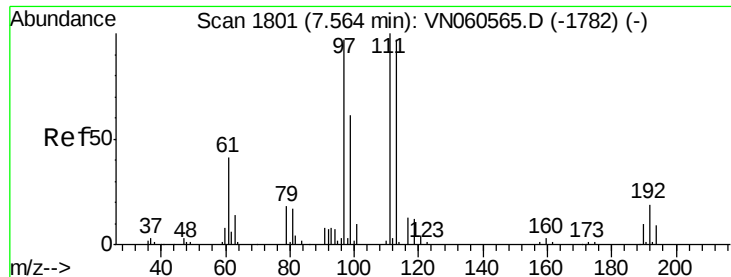
Tot Ion: 65 Resp: 127513
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060642.D
 Acq: 19 Mar 2020 17:17

Tgt Ion: 114 Resp: 323699
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.8
 88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.980 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060642.D

Acq: 19 Mar 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

BUS-WASH-SLUDGE-PIT

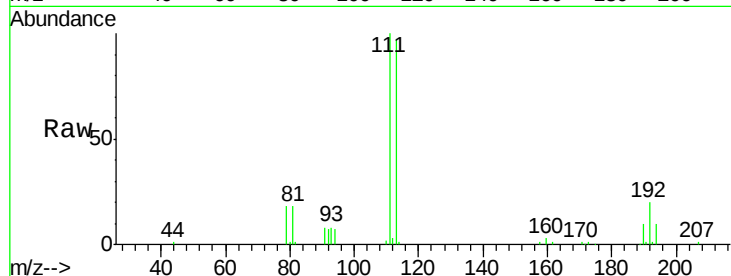
Tot Ion:113 Resp: 95868

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

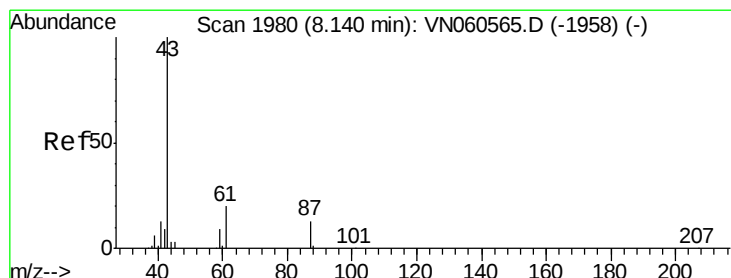
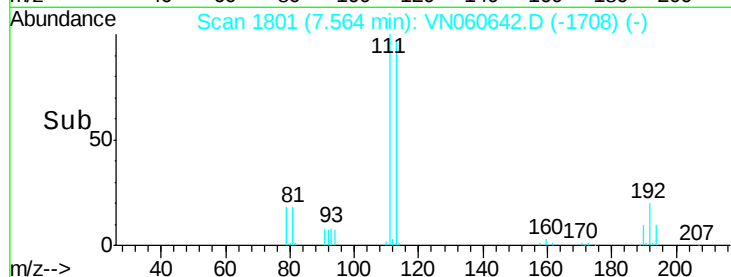
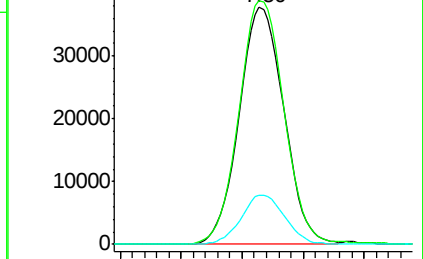
192 20.3 15.8 23.8



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: 3.420 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060642.D

Acq: 19 Mar 2020 17:17

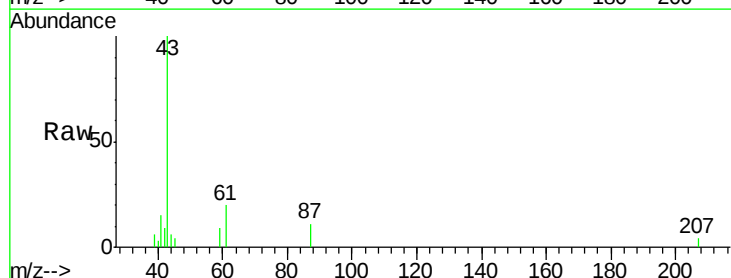
Tgt Ion: 43 Resp: 19105

Ion Ratio Lower Upper

43 100

61 18.5 20.7 31.1#

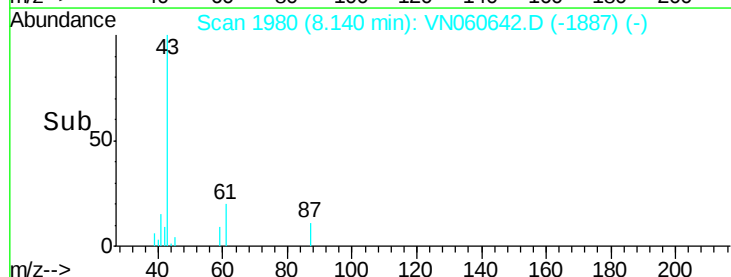
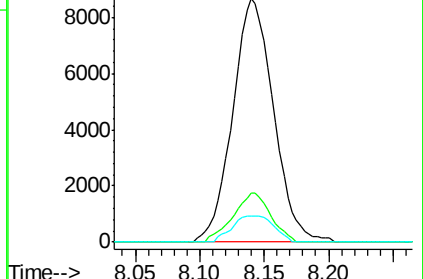
87 10.9 9.8 14.8

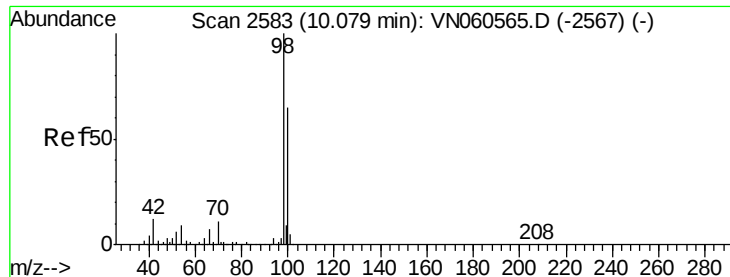


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 50.260 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060642.D

Acq: 19 Mar 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

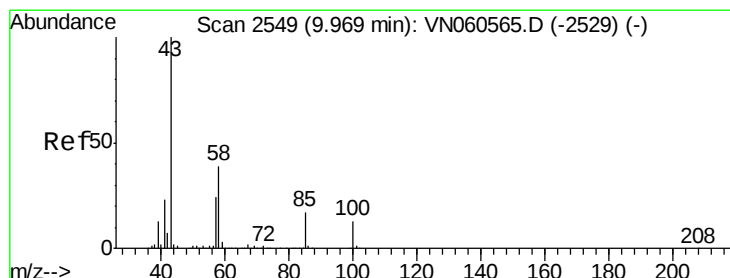
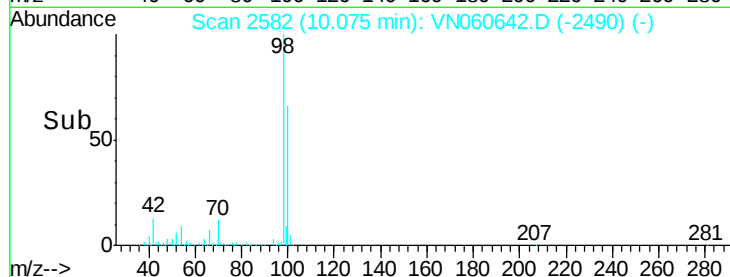
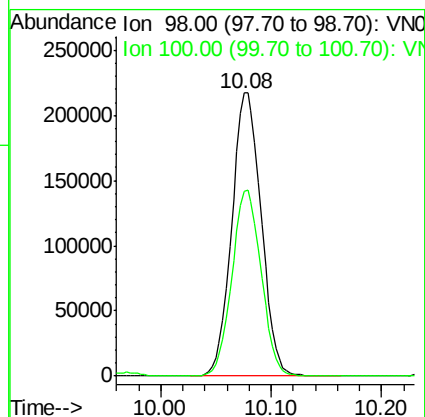
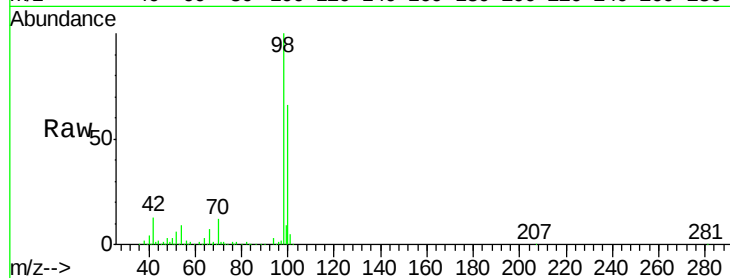
BUS-WASH-SLUDGE-PIT

Tot Ion: 98 Resp: 401820

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 12.527 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060642.D

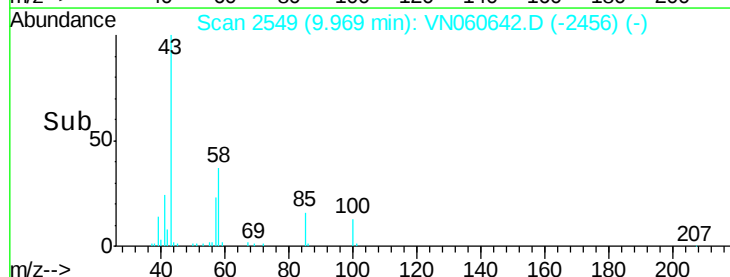
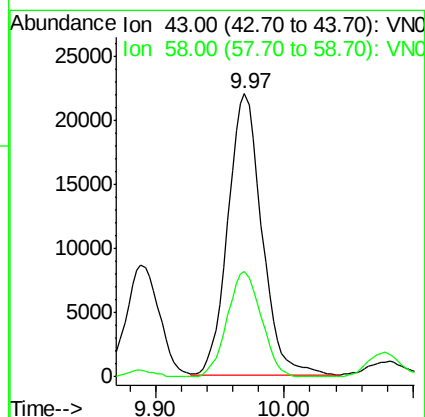
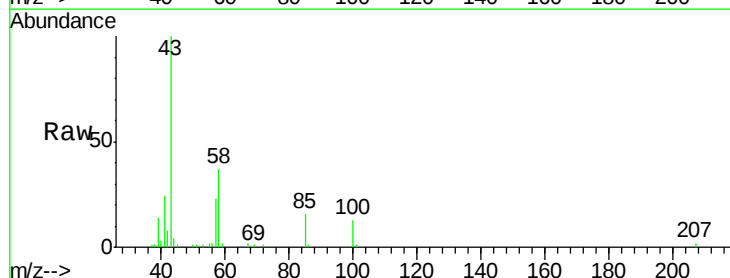
Acq: 19 Mar 2020 17:17

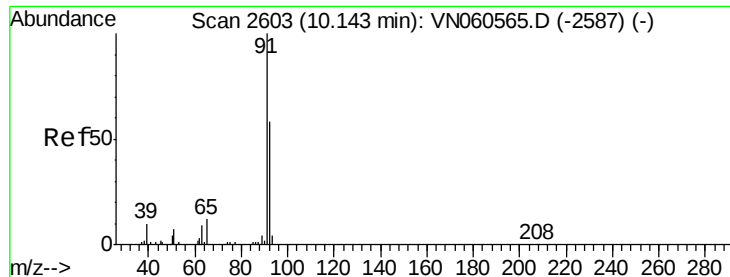
Tgt Ion: 43 Resp: 39816

Ion Ratio Lower Upper

43 100

58 37.8 30.8 46.2





#52

Toluene

Concen: 175.815 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060642.D

Acq: 19 Mar 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

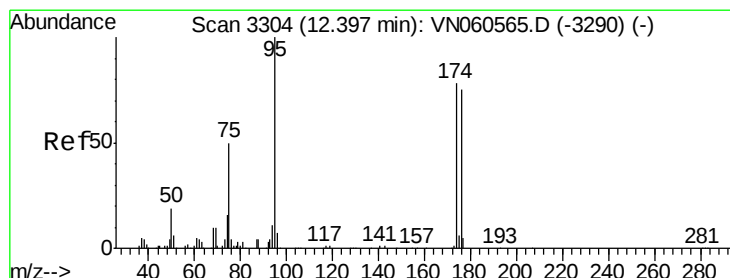
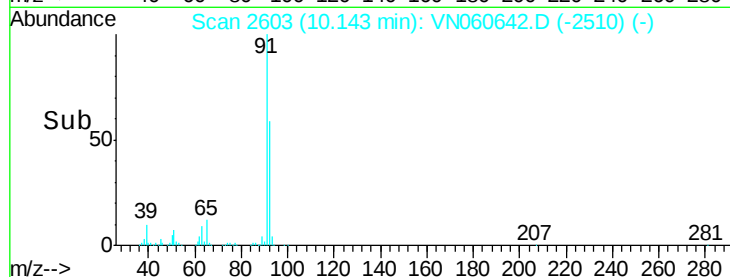
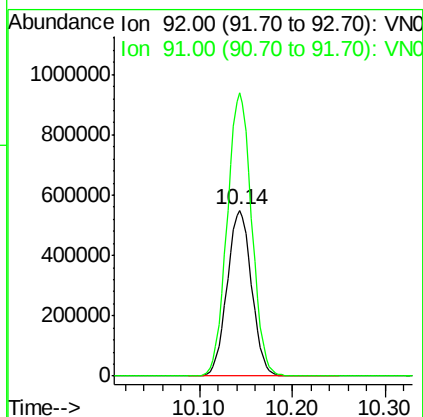
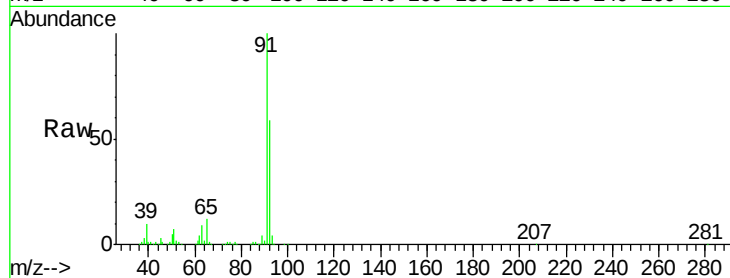
BUS-WASH-SLUDGE-PIT

Tot Ion: 92 Resp: 1004682

Ion Ratio Lower Upper

92 100

91 171.4 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 51.178 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060642.D

Acq: 19 Mar 2020 17:17

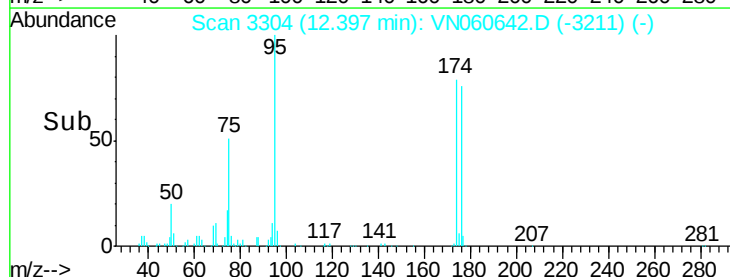
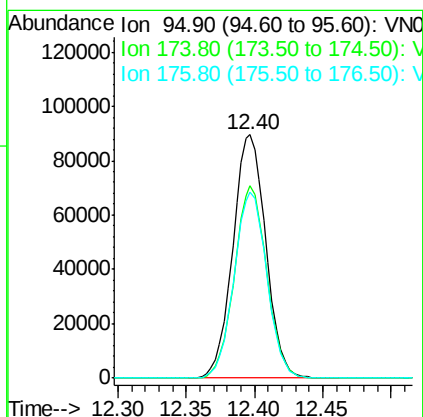
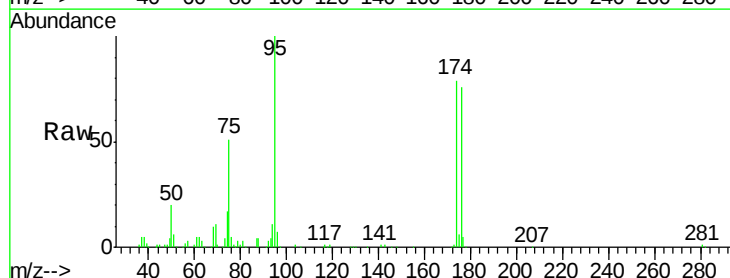
Tgt Ion: 95 Resp: 149952

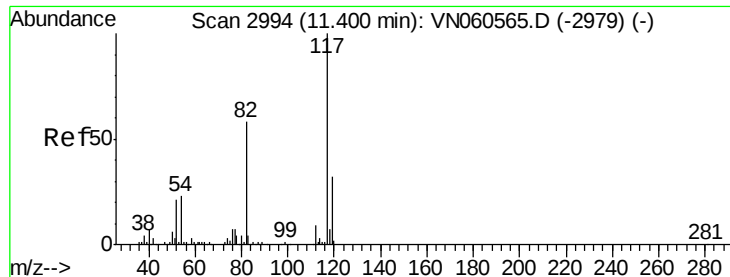
Ion Ratio Lower Upper

95 100

174 77.4 0.0 157.6

176 76.1 0.0 150.6

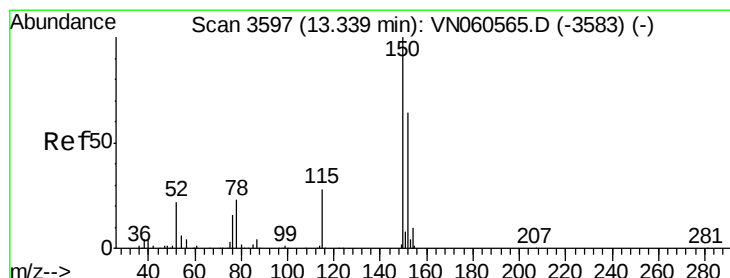
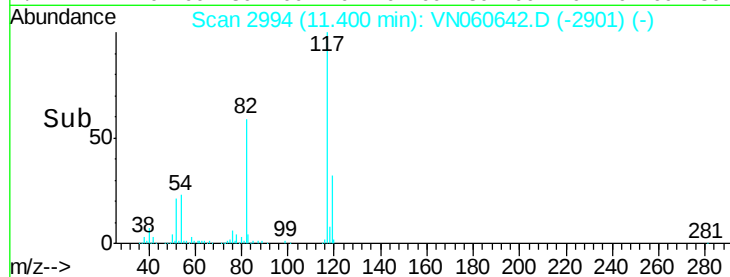
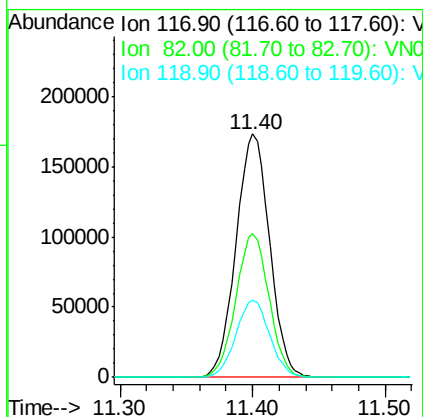
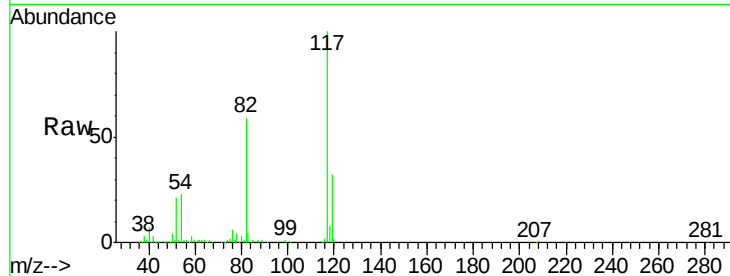




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060642.D
Acq: 19 Mar 2020 17:17

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

Tot Ion:117 Resp: 305055
Ion Ratio Lower Upper
117 100
82 59.3 46.7 70.1
119 31.8 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: VN060642.D
Acq: 19 Mar 2020 17:17

Tgt Ion:152 Resp: 140791
Ion Ratio Lower Upper
152 100
115 60.9 30.2 90.6
150 157.7 0.0 350.2

