

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030420\
 Data File : VN060349.D
 Acq On : 4 Mar 2020 15:27
 Operator : JC/MD
 Sample : L1721-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STOCKPILE-GRIT

Quant Time: Mar 05 06:40:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

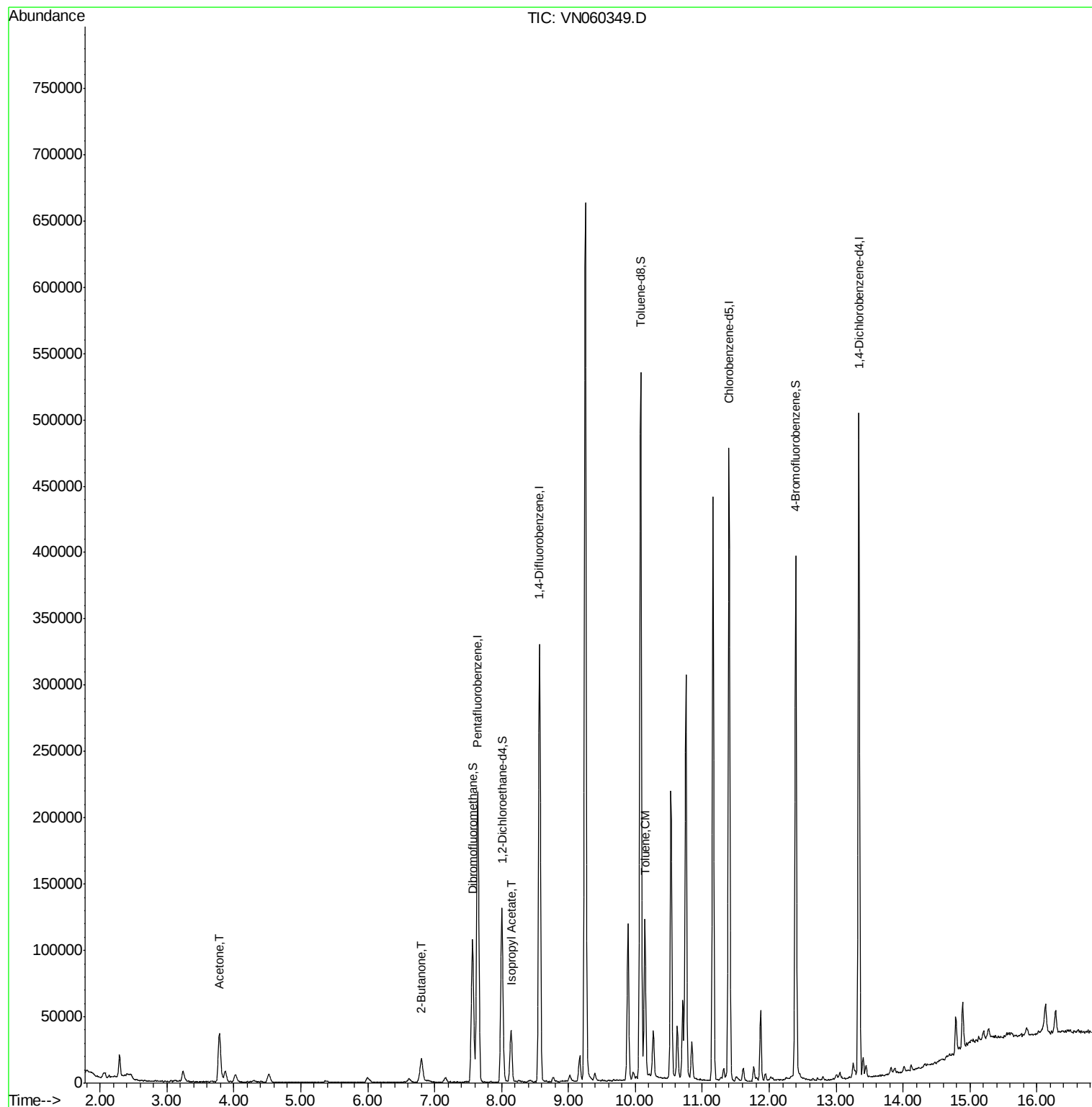
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	181256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	294850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	114022	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	7.57	113	82718	60.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.88%	
50) Toluene-d8	10.08	98	358947	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.40	95	134731	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
Target Compounds						
16) Acetone	3.78	43	64162	85.437	ug/l	99
25) 2-Butanone	6.80	43	31333	25.830	ug/l	99
43) Isopropyl Acetate	8.14	43	46760	10.038	ug/l #	90
52) Toluene	10.14	92	52362	10.192	ug/l	99

(#) = 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# 1826

Delta R.T. 0.00 min

Lab File: VN060349.D

Acq: 4 Mar 2020 15:27

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MSVOA_N

ClientSampleId :

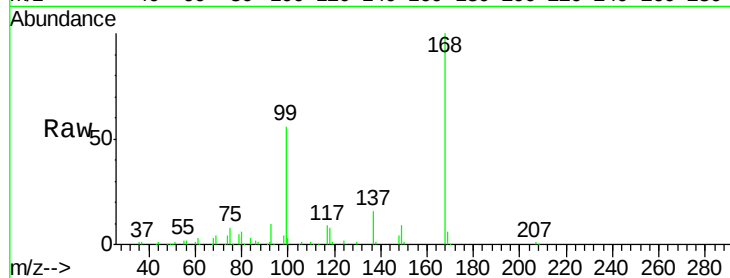
STOCKPILE-GRIT

Tot Ion:168 Resp: 181256

Ion Ratio Lower Upper

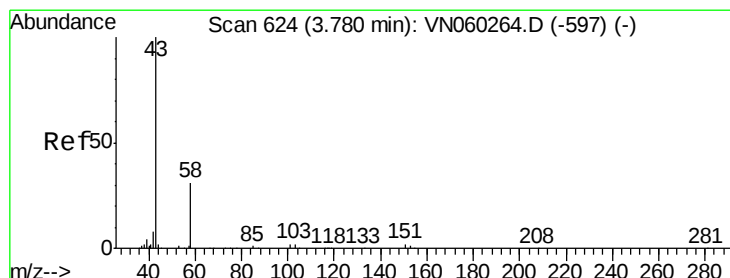
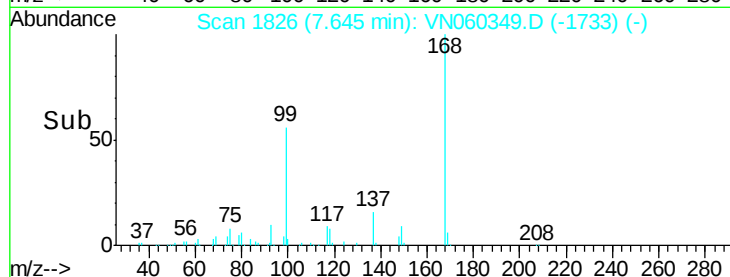
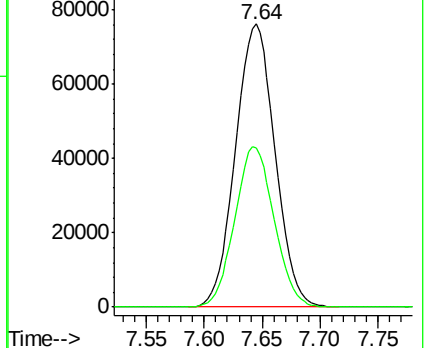
168 100

99 56.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 85.437 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060349.D

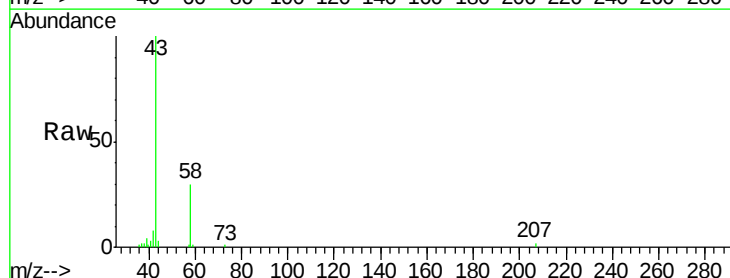
Acq: 4 Mar 2020 15:27

Tgt Ion: 43 Resp: 64162

Ion Ratio Lower Upper

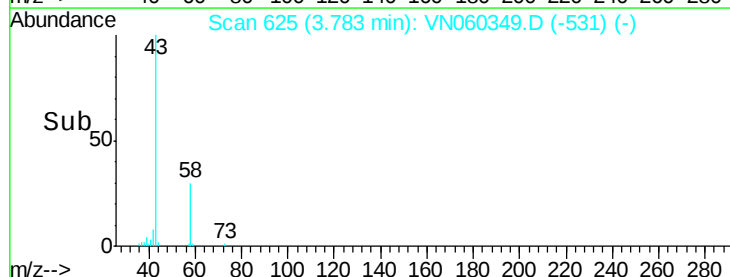
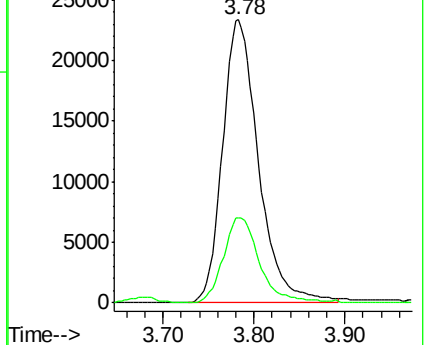
43 100

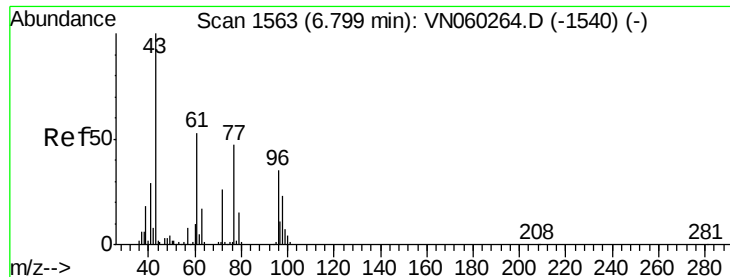
58 30.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#25

2-Butanone

Concen: 25.830 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060349.D

Acq: 4 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

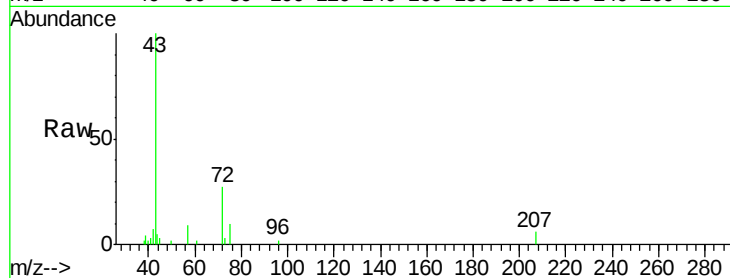
STOCKPILE-GRIT

Tot Ion: 43 Resp: 31333

Ion Ratio Lower Upper

43 100

72 26.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN060264.D (-1540) (-)

6.80

12000

10000

8000

6000

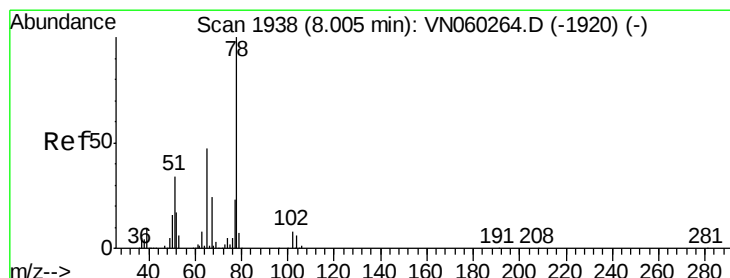
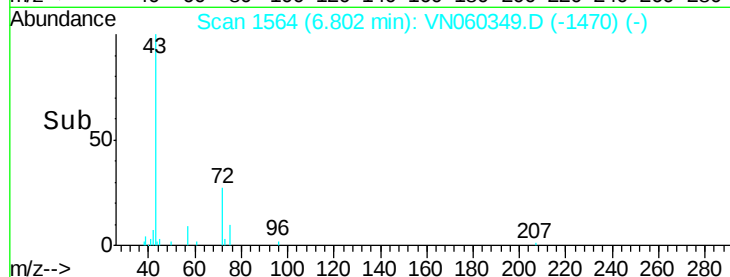
4000

2000

0

6.70 6.80 6.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.030 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060349.D

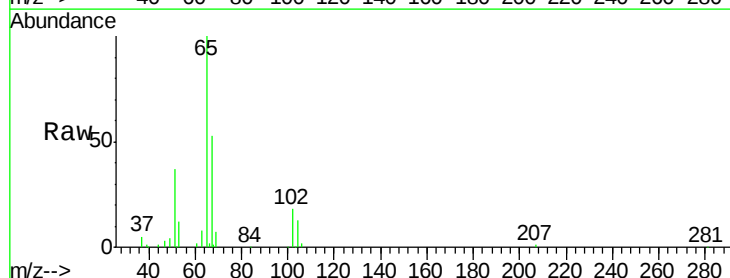
Acq: 4 Mar 2020 15:27

Tgt Ion: 65 Resp: 114022

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN060264.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060264.D (-1920) (-)

8.00

50000

40000

30000

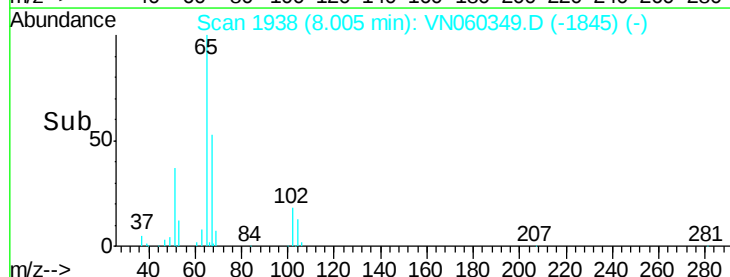
20000

10000

0

7.90 7.95 8.00 8.05 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060349.D

Acq: 4 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE-GRIT

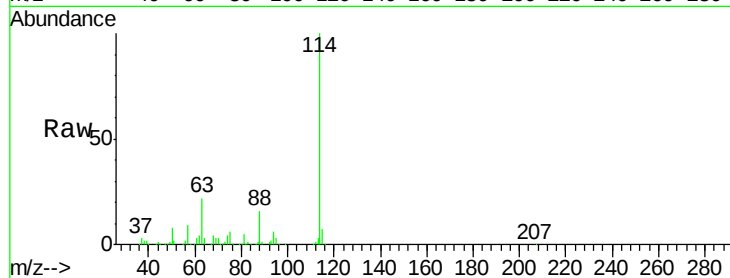
Tot Ion:114 Resp: 294850

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

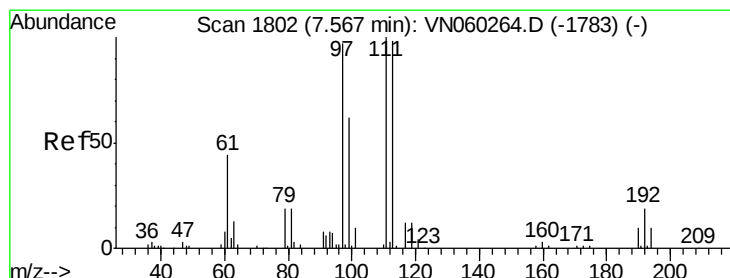
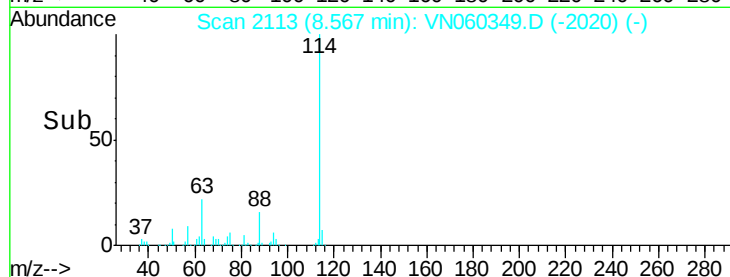
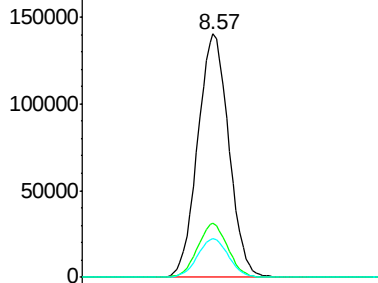
88 15.7 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 60.440 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060349.D

Acq: 4 Mar 2020 15:27

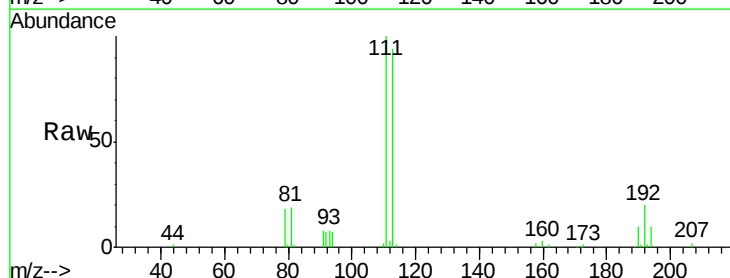
Tgt Ion:113 Resp: 82718

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

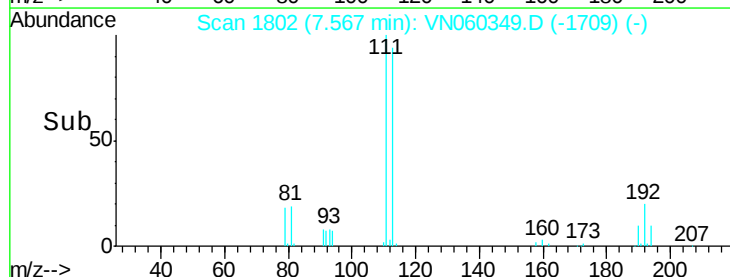
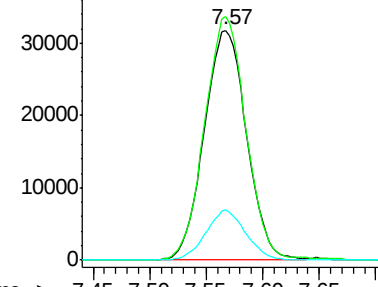
192 20.3 16.2 24.2



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: 10.038 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060349.D

Acq: 4 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE-GRIT

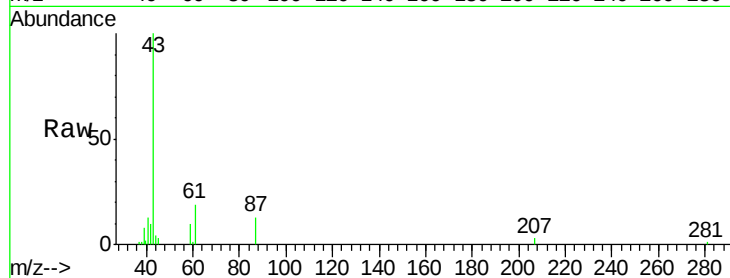
Tot Ion: 43 Resp: 46760

Ion Ratio Lower Upper

43 100

61 19.0 20.9 31.3#

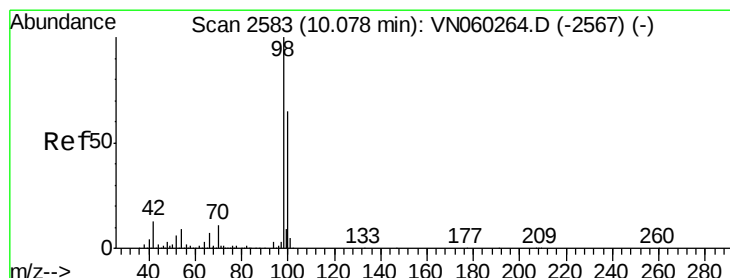
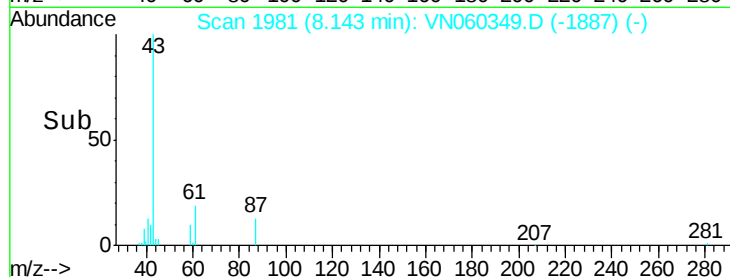
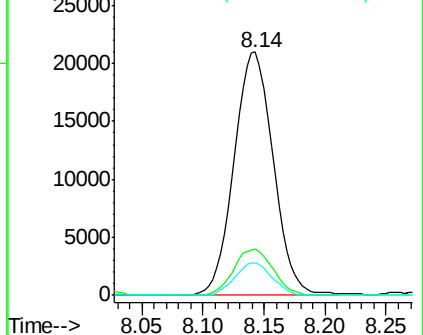
87 12.5 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#50

Toluene-d8

Concen: 51.821 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060349.D

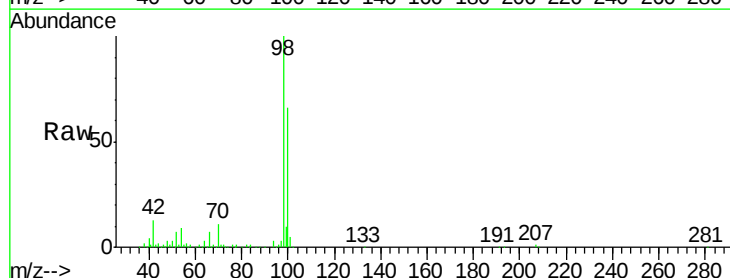
Acq: 4 Mar 2020 15:27

Tgt Ion: 98 Resp: 358947

Ion Ratio Lower Upper

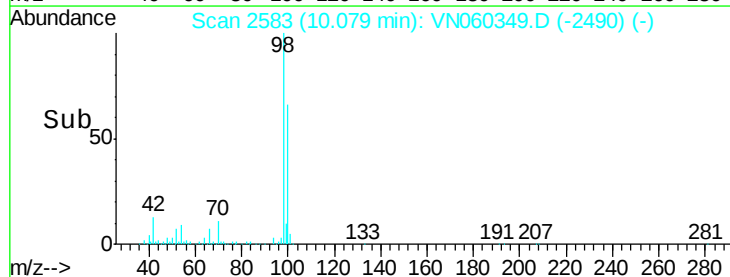
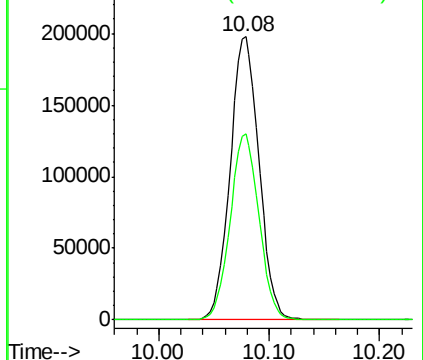
98 100

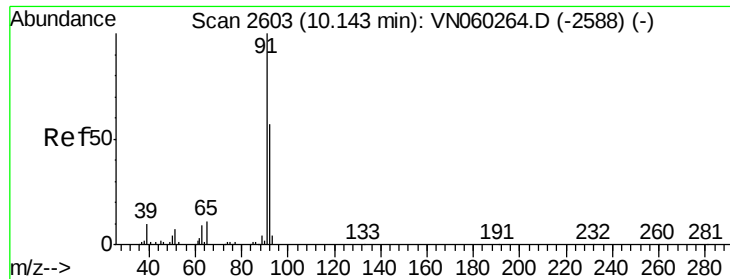
100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)





#52

Toluene

Concen: 10.192 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060349.D

Acq: 4 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

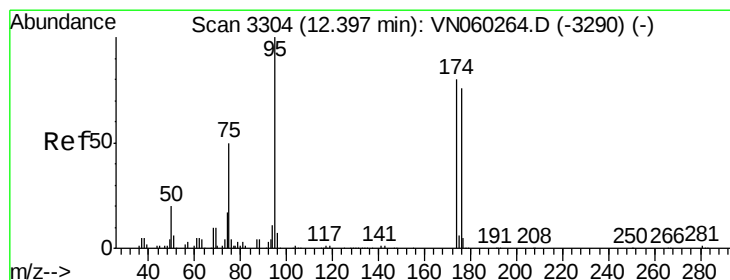
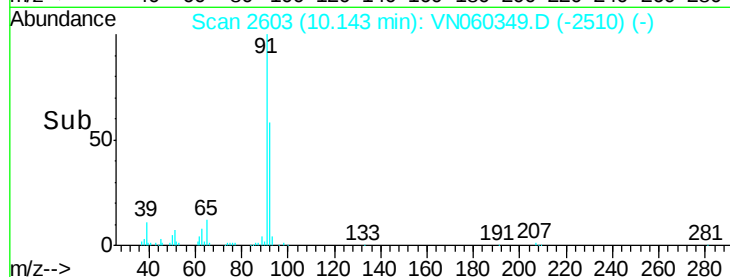
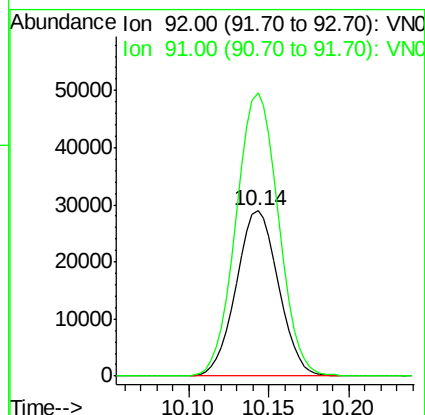
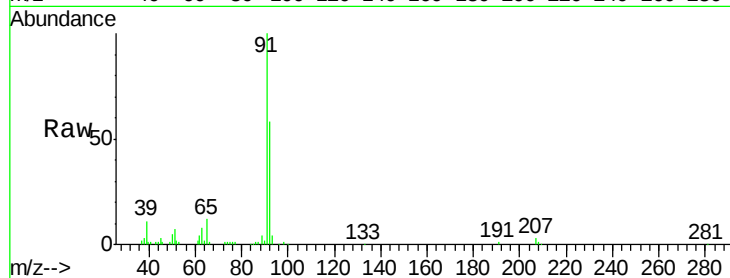
STOCKPILE-GRIT

Tot Ion: 92 Resp: 52362

Ion Ratio Lower Upper

92 100

91 171.3 138.1 207.1



#62

4-Bromofluorobenzene

Concen: 51.312 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060349.D

Acq: 4 Mar 2020 15:27

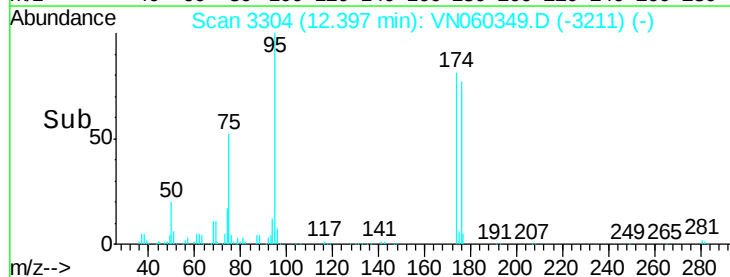
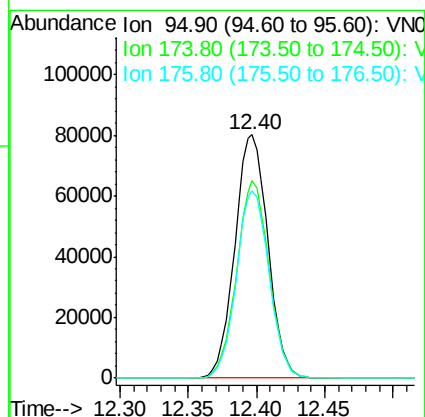
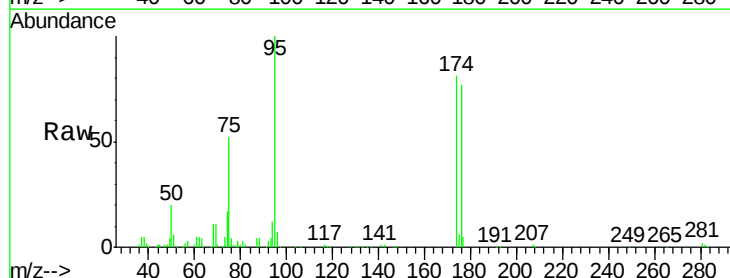
Tgt Ion: 95 Resp: 134731

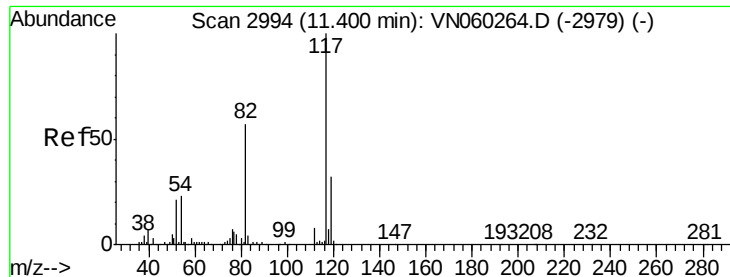
Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.2

176 76.3 0.0 153.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060349.D

Acq: 4 Mar 2020 15:27

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE-GRIT

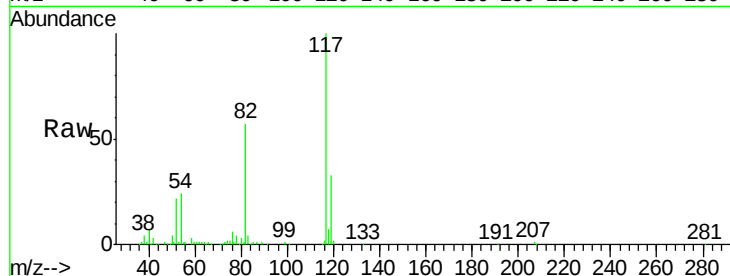
Tot Ion:117 Resp: 272787

Ion Ratio Lower Upper

117 100

82 56.6 45.8 68.6

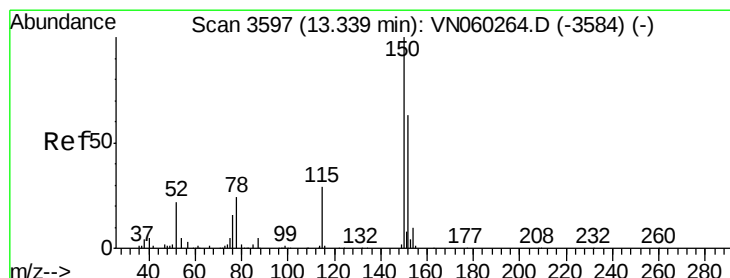
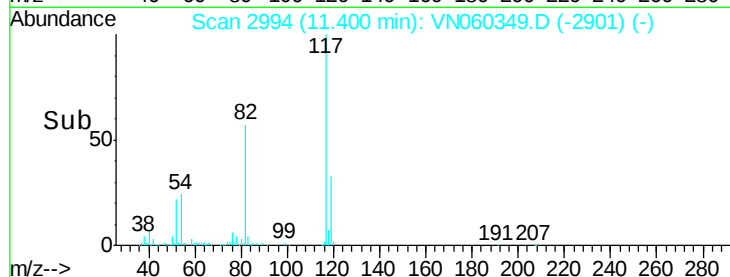
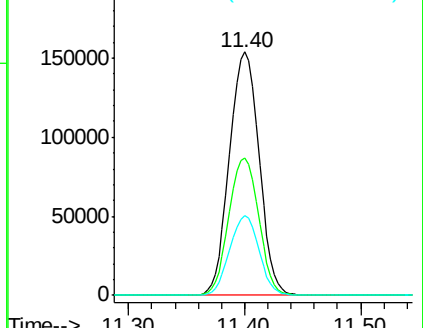
119 32.7 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060349.D

Acq: 4 Mar 2020 15:27

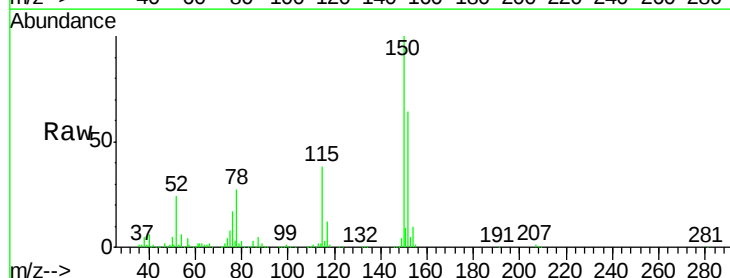
Tgt Ion:152 Resp: 129726

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 155.4 0.0 349.6



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

