

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060204.D
 Acq On : 24 Feb 2020 13:01
 Operator : JC/MD
 Sample : L1593-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STOCKPILE

Quant Time: Feb 24 17:10:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

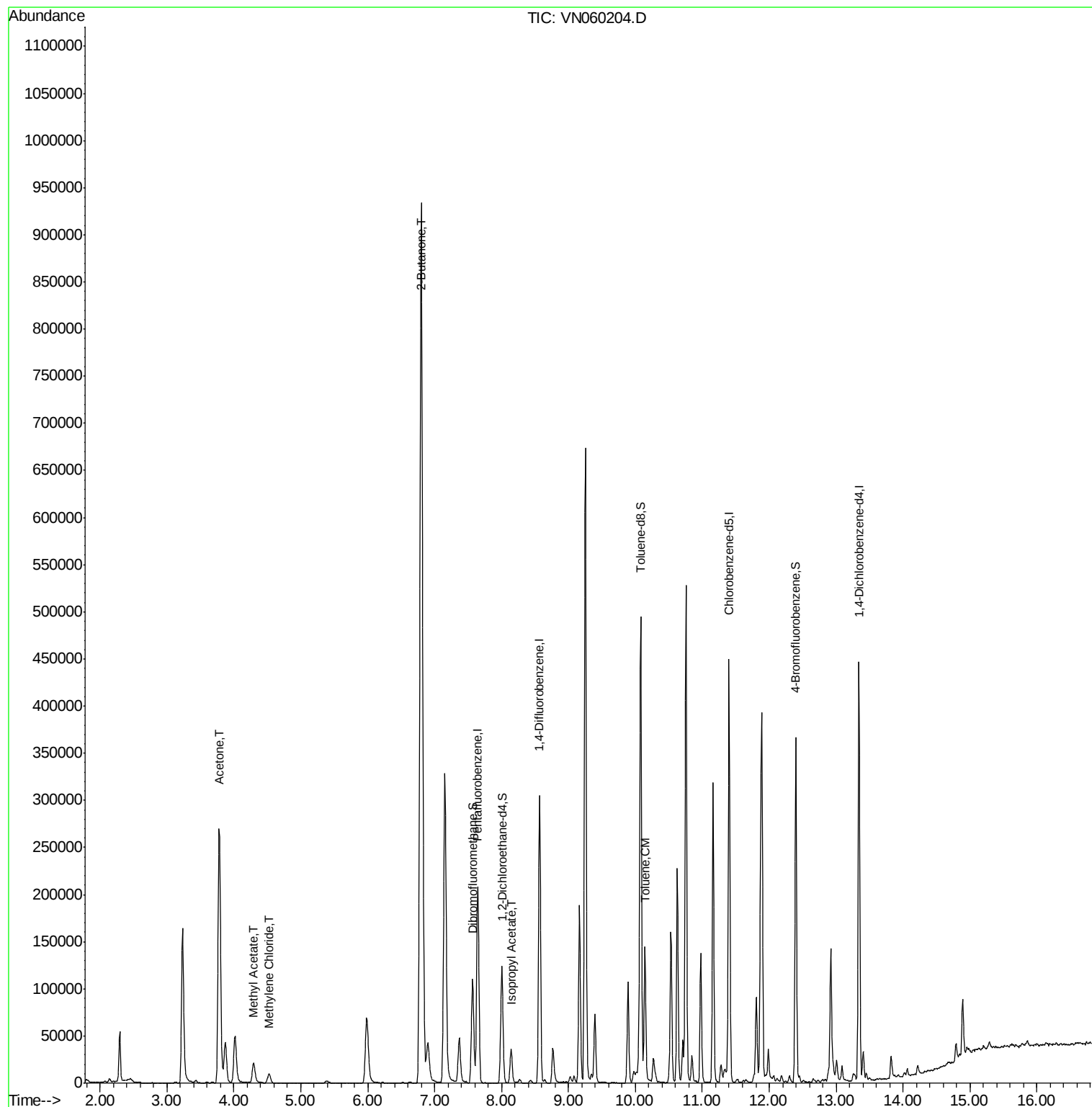
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	176333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	278941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	260265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	120722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	105274	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	7.57	113	84556	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.08	98	338250	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	120659	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
Target Compounds						
16) Acetone	3.78	43	450656	481.506	ug/l	99
18) Methyl Acetate	4.29	43	41993	23.885	ug/l	97
20) Methylene Chloride	4.53	84	8145	4.362	ug/l	92
25) 2-Butanone	6.80	43	1643182	1395.959	ug/l	97
43) Isopropyl Acetate	8.14	43	43286	10.844	ug/l #	90
52) Toluene	10.14	92	63399	12.900	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022420\
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Instrument :
MSVOA_N
ClientSampleId :
STOCKPILE

Quant Time: Feb 24 17:10:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

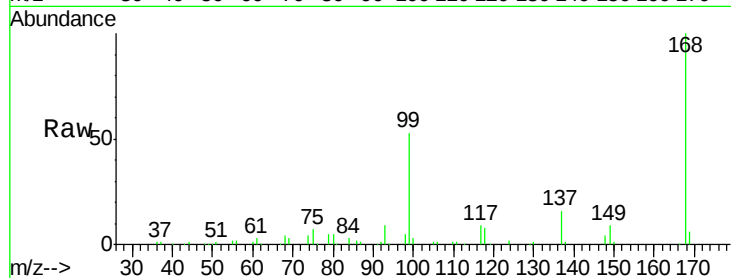
STOCKPILE

Tot Ion:168 Resp: 176333

Ion Ratio Lower Upper

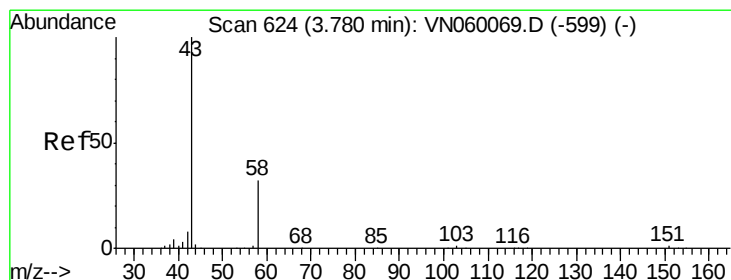
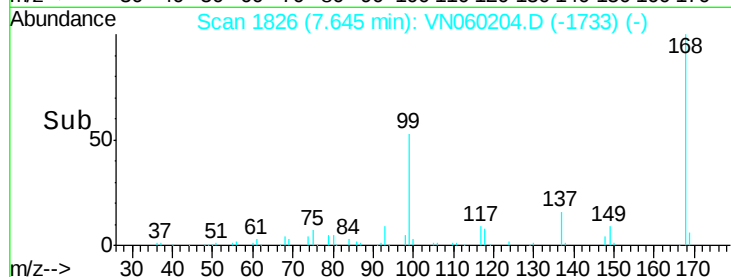
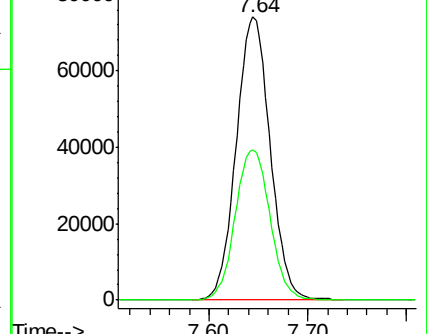
168 100

99 53.1 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 481.506 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060204.D

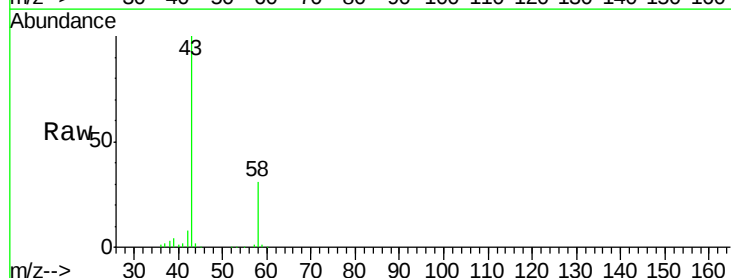
Acq: 24 Feb 2020 13:01

Tgt Ion: 43 Resp: 450656

Ion Ratio Lower Upper

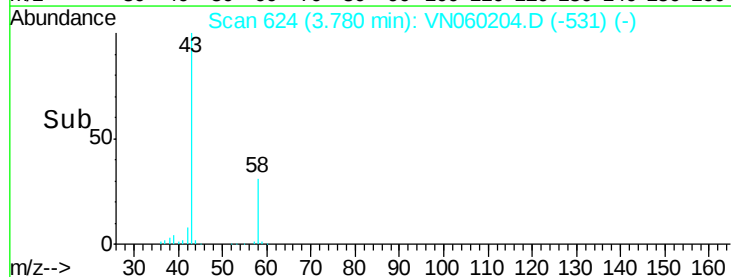
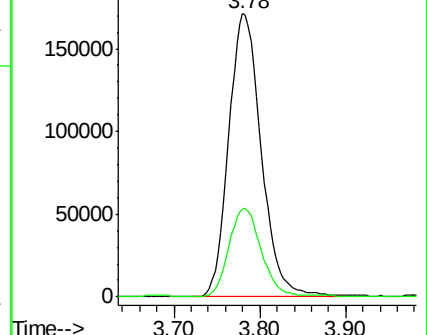
43 100

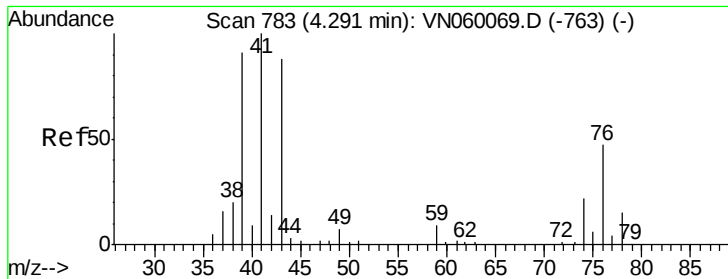
58 31.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

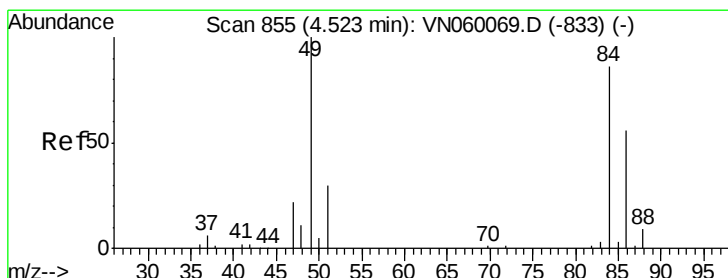
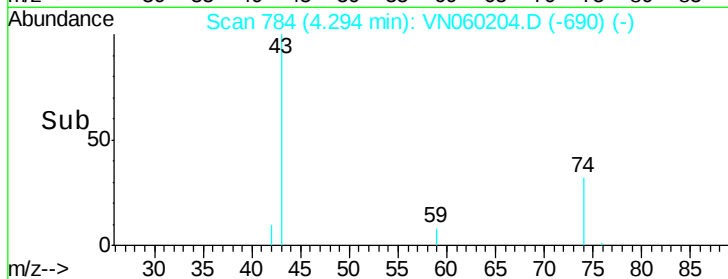
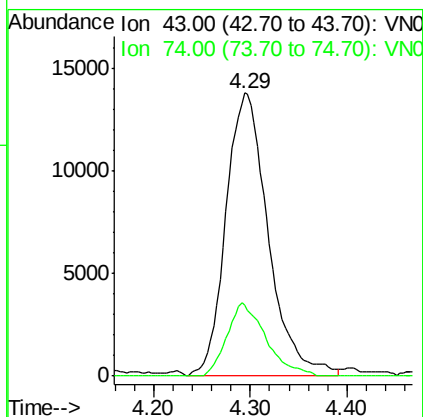
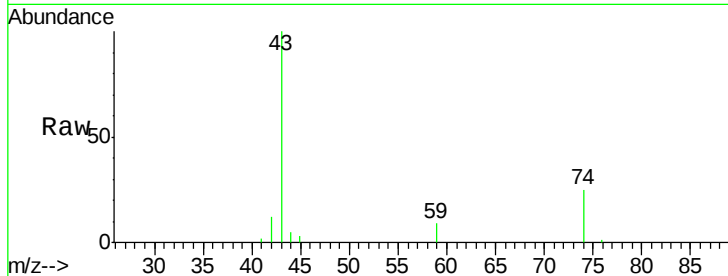




#18
Methyl Acetate
Concen: 23.885 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

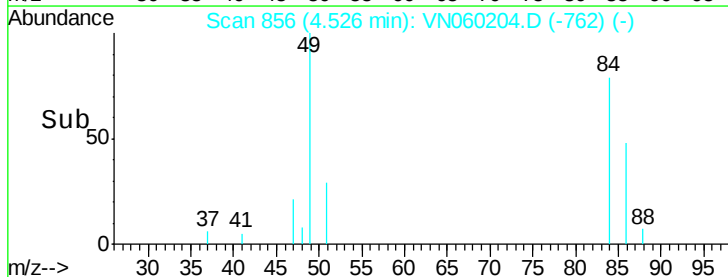
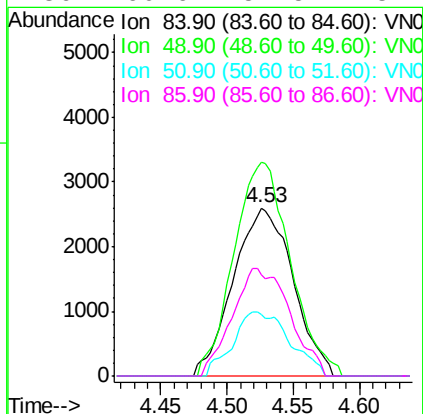
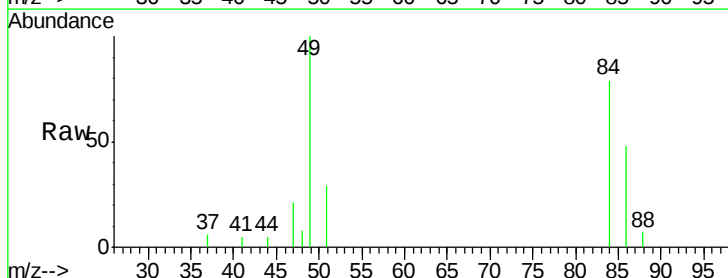
Instrument :
MSVOA_N
ClientSampled :
STOCKPILE

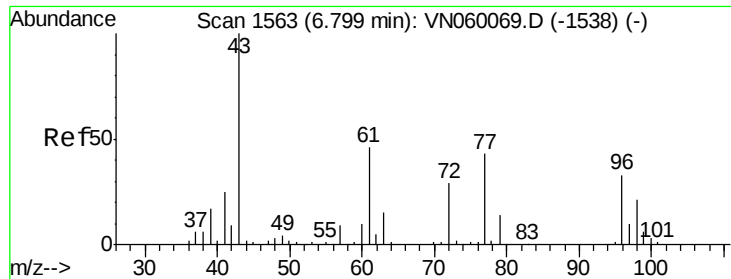
Tot Ion: 43 Resp: 41993
Ion Ratio Lower Upper
43 100
74 23.9 20.3 30.5



#20
Methylene Chloride
Concen: 4.362 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

Tgt Ion: 84 Resp: 8145
Ion Ratio Lower Upper
84 100
49 127.4 93.4 140.0
51 37.0 28.4 42.6
86 60.6 52.5 78.7





#25

2-Butanone

Concen: 1395.959 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

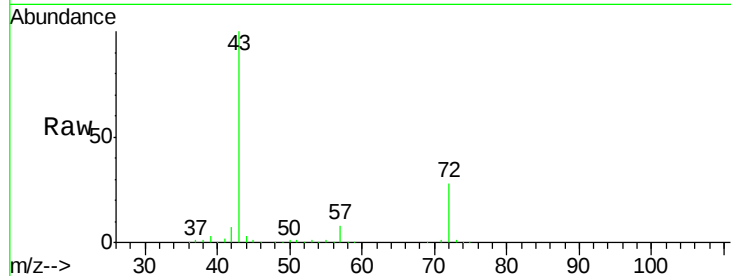
STOCKPILE

Tot Ion: 43 Resp: 1643182

Ion Ratio Lower Upper

43 100

72 27.7 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1538) (-)

Ion 72.00 (71.70 to 72.70): VN060069.D (-1538) (-)

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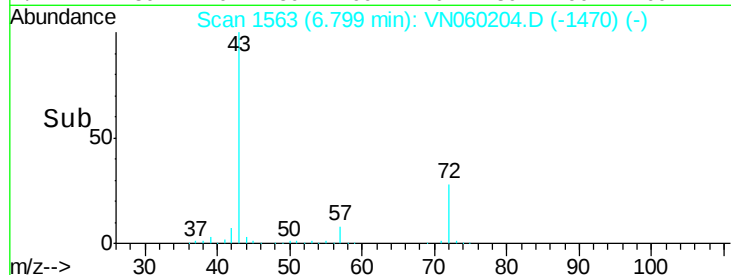
6.80

6.80

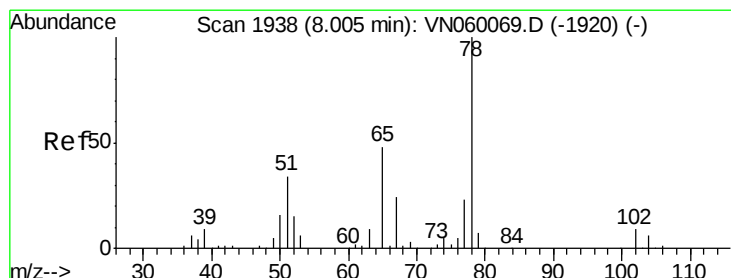
6.80

6.80

6.80



Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.063 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060204.D

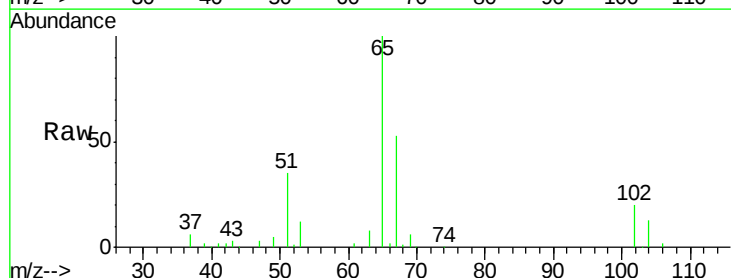
Acq: 24 Feb 2020 13:01

Tgt Ion: 65 Resp: 105274

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN060069.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060069.D (-1920) (-)

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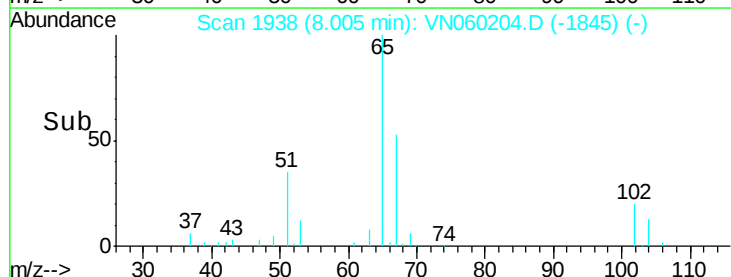
8.00

8.00

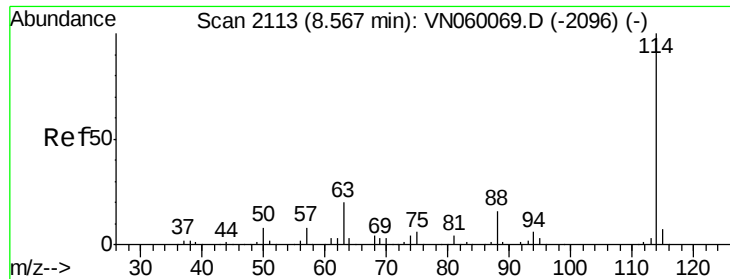
8.00

8.00

8.00



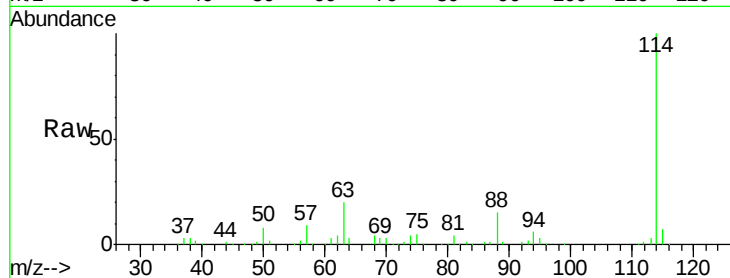
Time-->



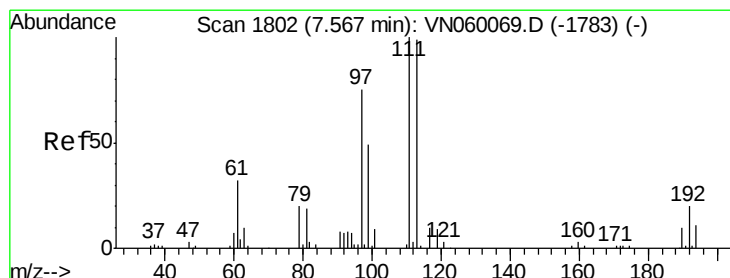
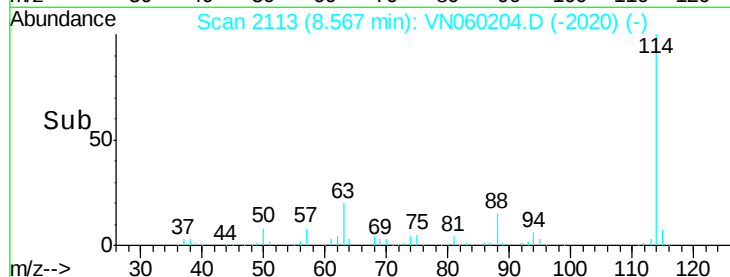
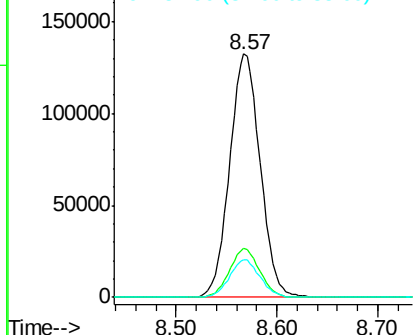
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060204.D
 Acq: 24 Feb 2020 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 STOCKPILE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.0
88	15.5	0.0	31.6

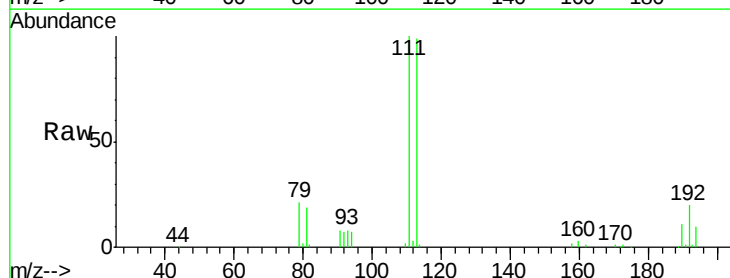


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

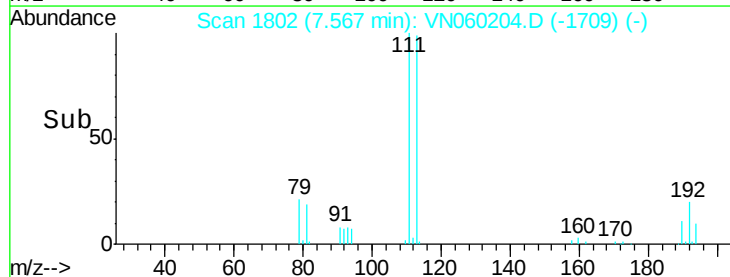
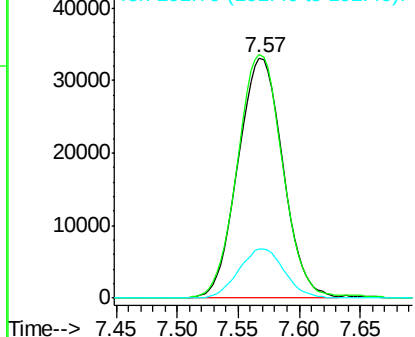


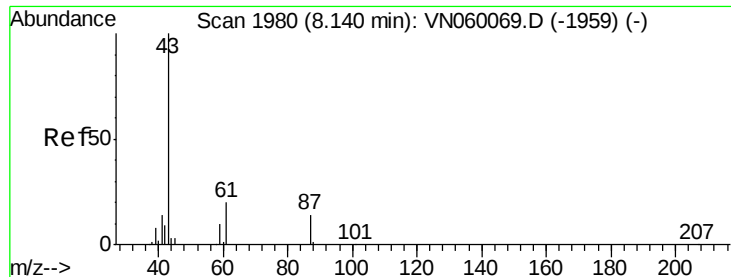
#35
 Dibromofluoromethane
 Concen: 49.314 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060204.D
 Acq: 24 Feb 2020 13:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.2
192	20.7	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: 10.844 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE

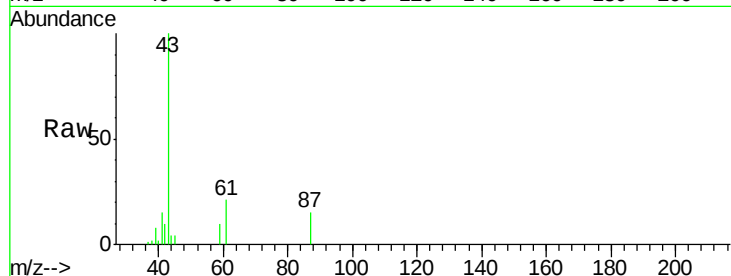
Tot Ion: 43 Resp: 43286

Ion Ratio Lower Upper

43 100

61 19.7 21.8 32.6#

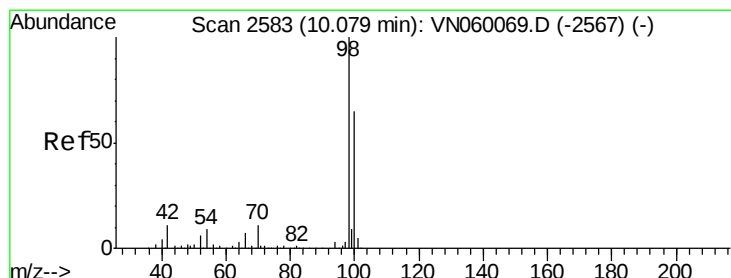
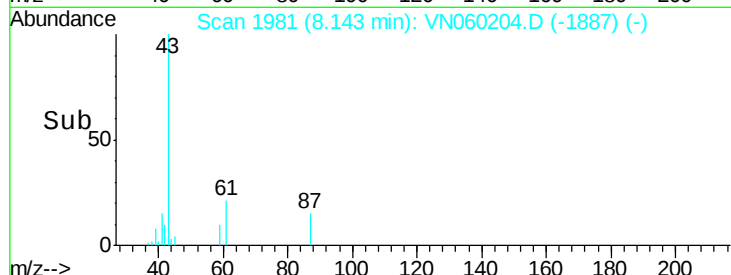
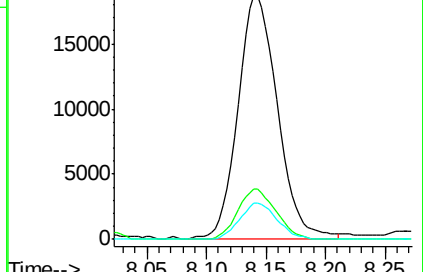
87 13.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#50

Toluene-d8

Concen: 50.095 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060204.D

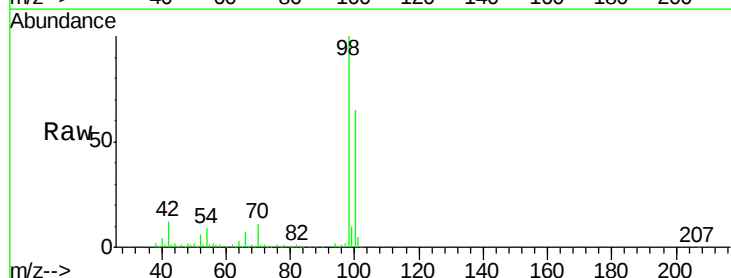
Acq: 24 Feb 2020 13:01

Tgt Ion: 98 Resp: 338250

Ion Ratio Lower Upper

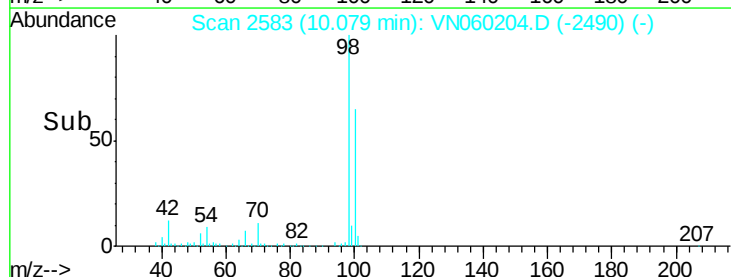
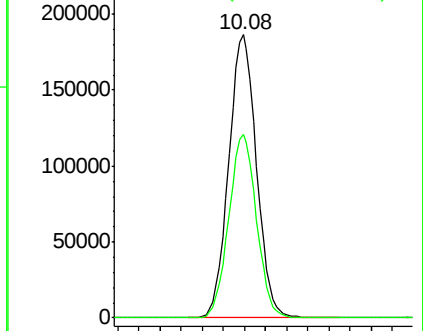
98 100

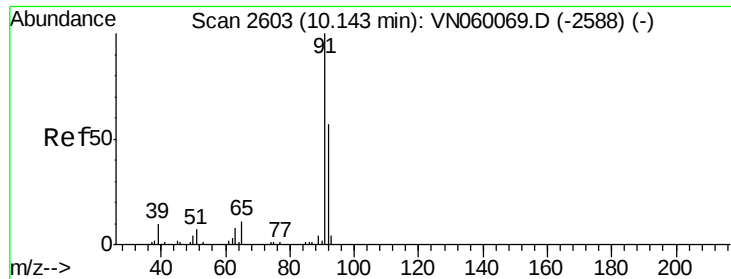
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060069.D (-2567) (-)





#52

Toluene

Concen: 12.900 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

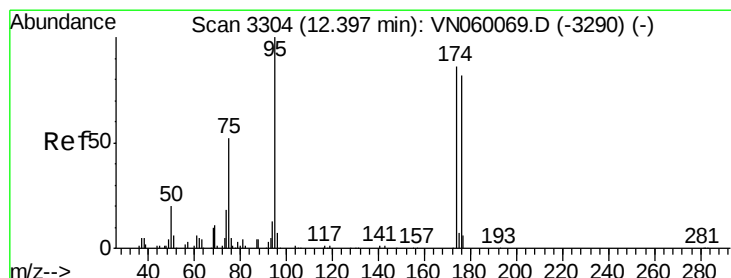
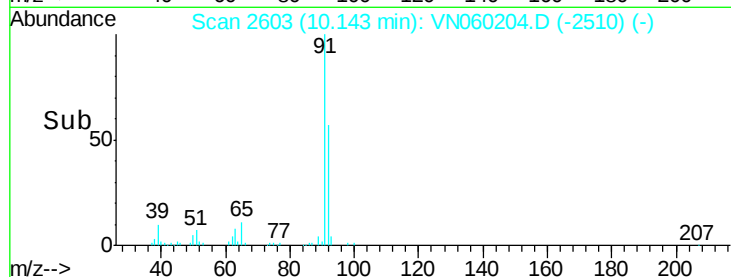
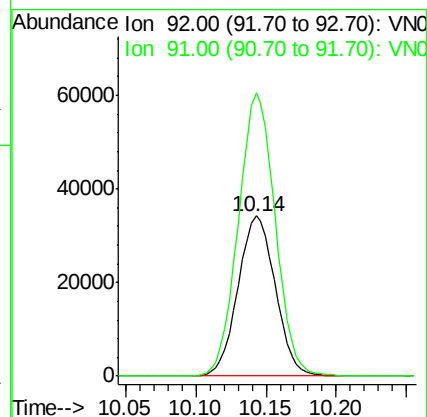
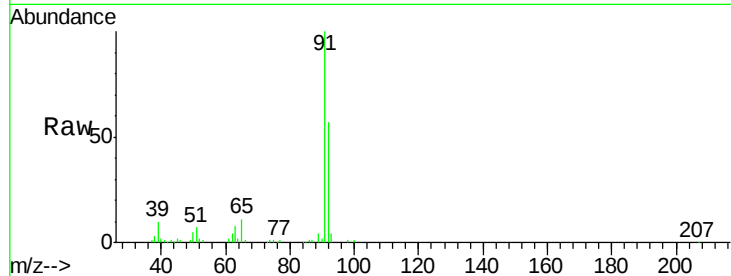
STOCKPILE

Tot Ion: 92 Resp: 63399

Ion Ratio Lower Upper

92 100

91 174.8 140.9 211.3



#62

4-Bromofluorobenzene

Concen: 48.631 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060204.D

Acq: 24 Feb 2020 13:01

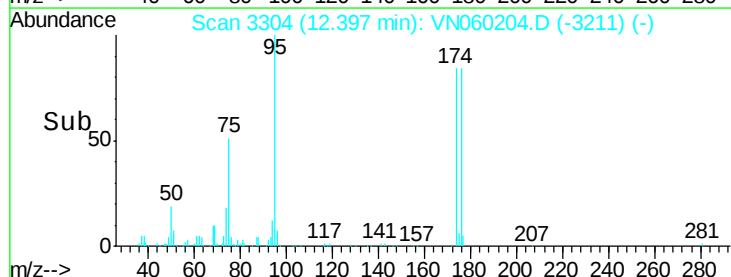
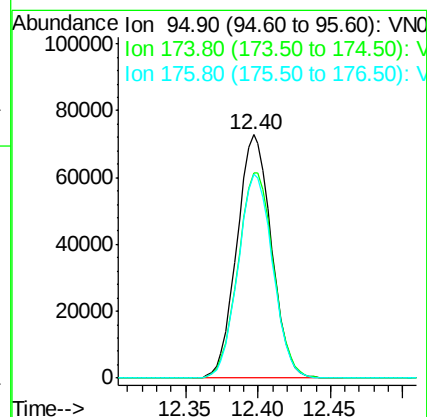
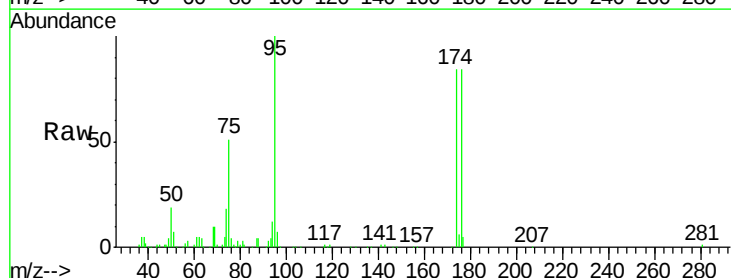
Tgt Ion: 95 Resp: 120659

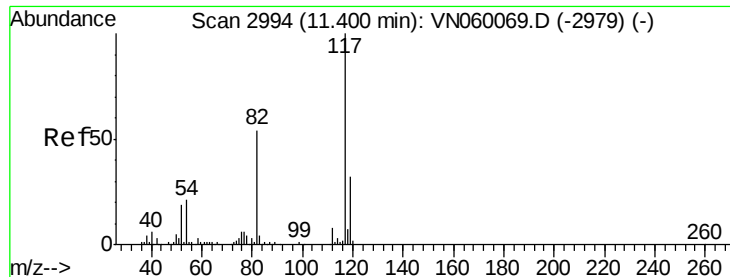
Ion Ratio Lower Upper

95 100

174 86.5 0.0 169.8

176 83.9 0.0 164.8

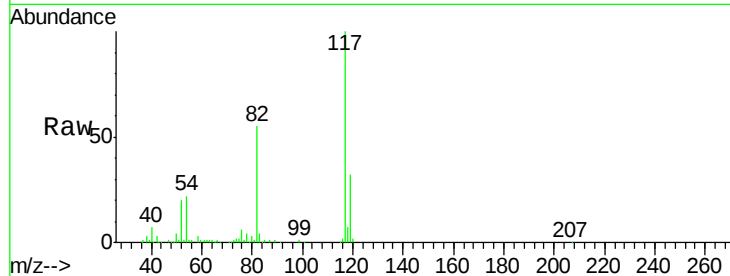




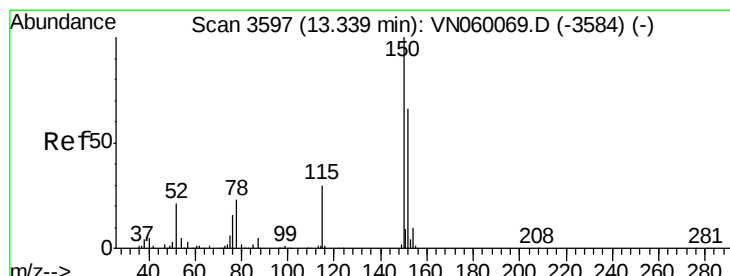
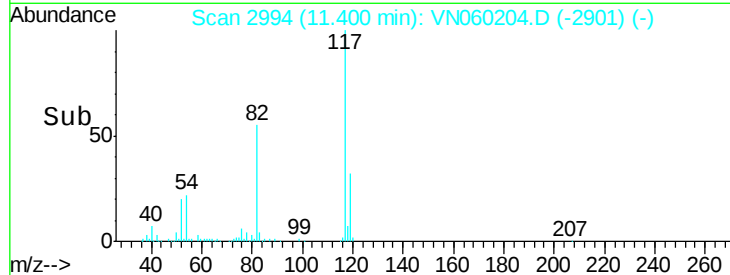
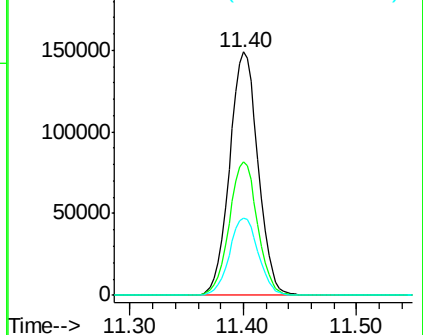
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :
STOCKPILE

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.4	65.0
119	31.9	25.8	38.6

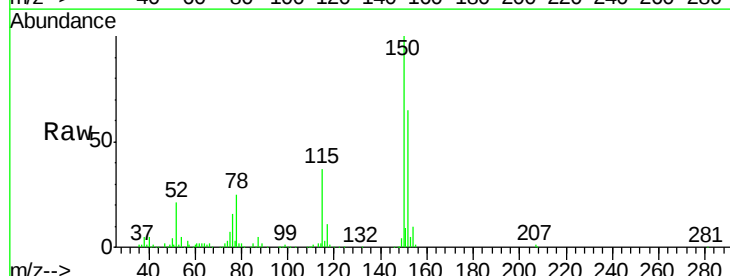


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060204.D
Acq: 24 Feb 2020 13:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.9	86.8
150	155.9	0.0	342.4



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

