

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055423.D
 Acq On : 6 May 2019 18:20
 Operator : JC/SP
 Sample : K2680-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SSSI-0502-S-TCLP-10

Quant Time: May 07 02:27:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

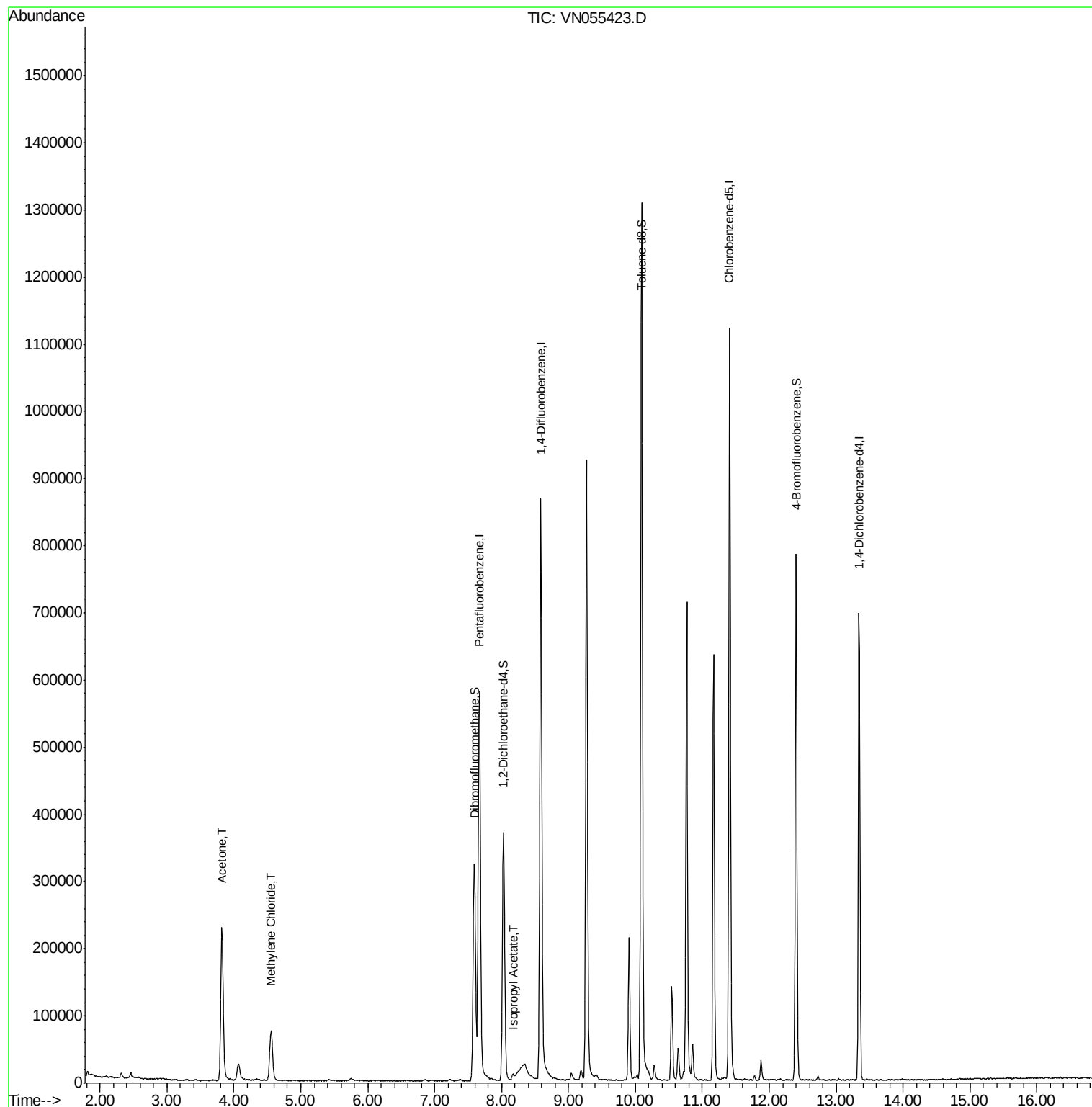
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	499962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	786294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	642274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	320024	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
35) Dibromofluoromethane	7.59	113	249999	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	10.09	98	920116	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.40	95	273997	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
Target Compounds						
16) Acetone	3.82	43	393459	193.063	ug/l	99
20) Methylene Chloride	4.56	84	51286	8.245	ug/l	97
43) Isopropyl Acetate	8.17	43	12526	1.350	ug/l #	82

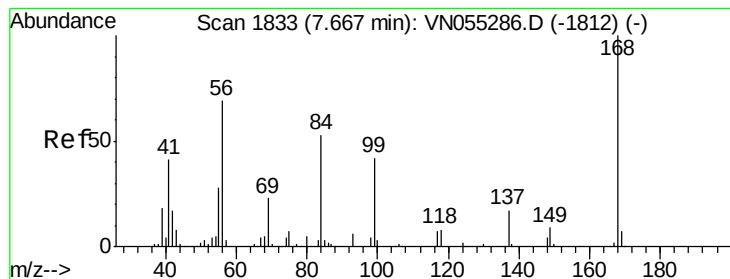
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055423.D

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MSVOA_N

ClientSampleId :

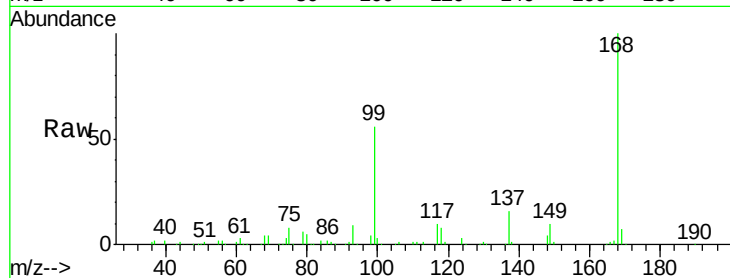
SSSI-0502-S-TCLP-10

Tot Ion:168 Resp: 499962

Ion Ratio Lower Upper

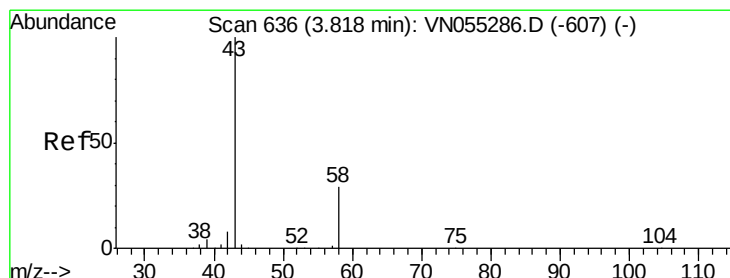
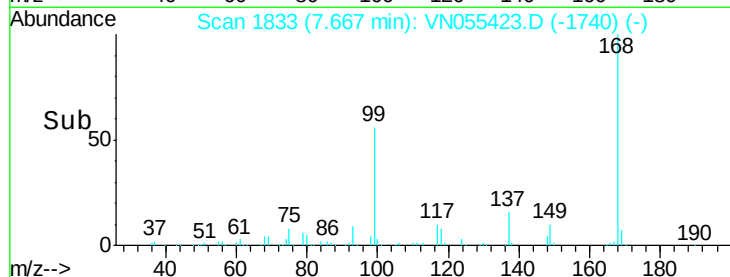
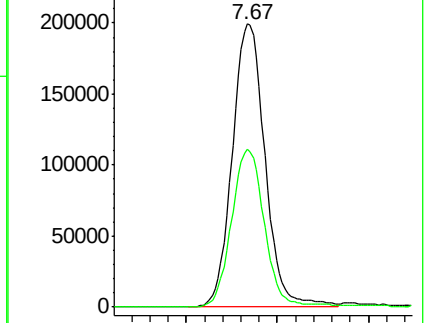
168 100

99 55.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 193.063 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055423.D

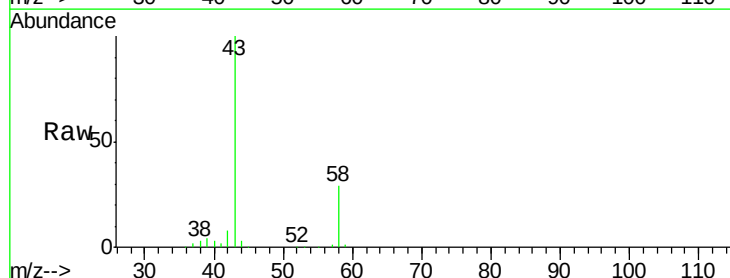
Acq: 6 May 2019 18:20

Tgt Ion: 43 Resp: 393459

Ion Ratio Lower Upper

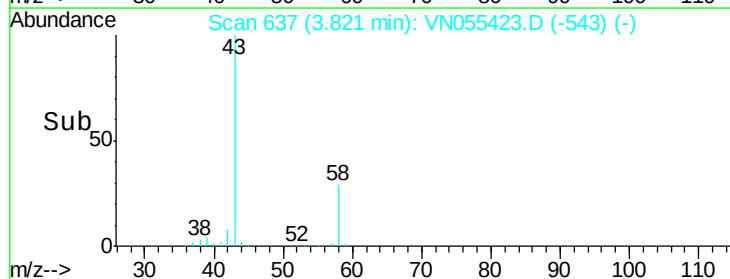
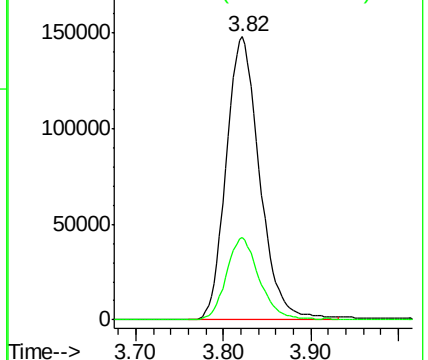
43 100

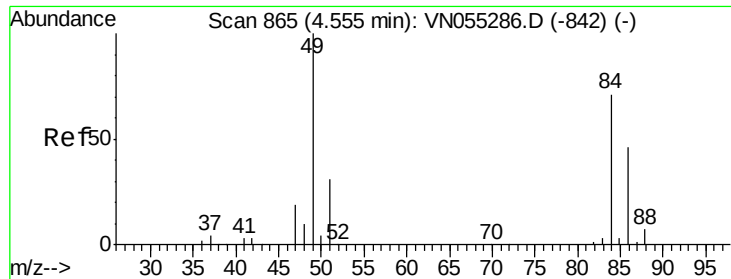
58 29.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

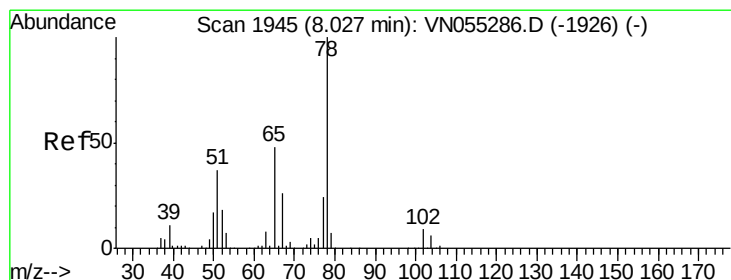
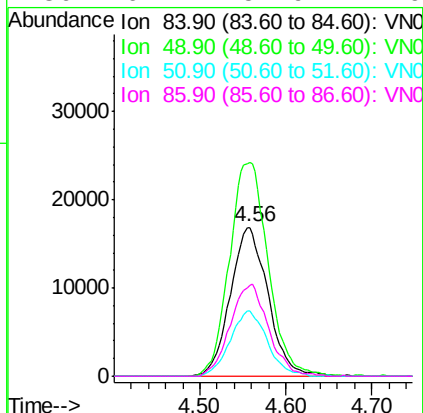
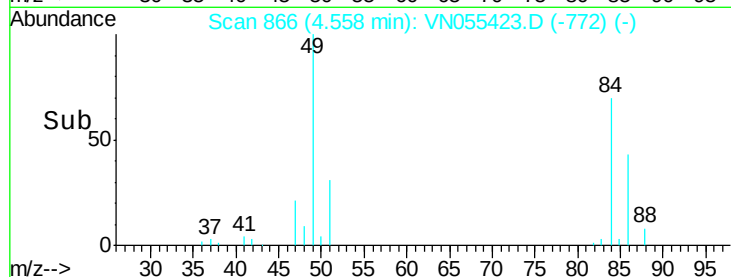
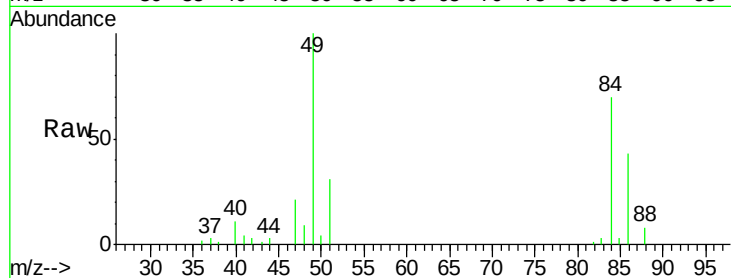




#20
Methylene Chloride
Concen: 8.245 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

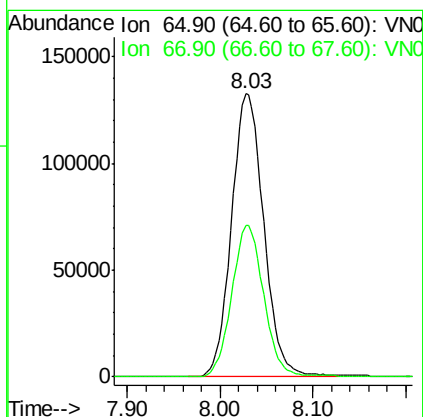
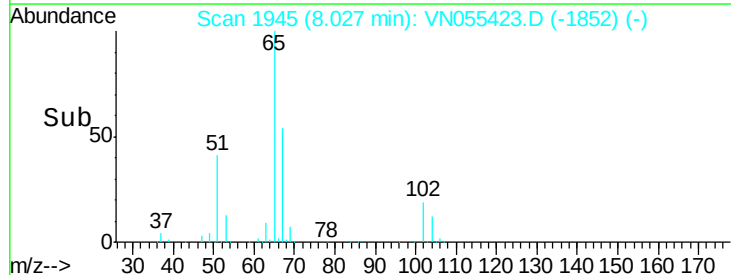
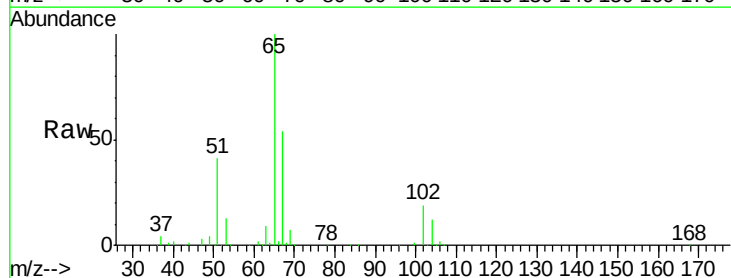
Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

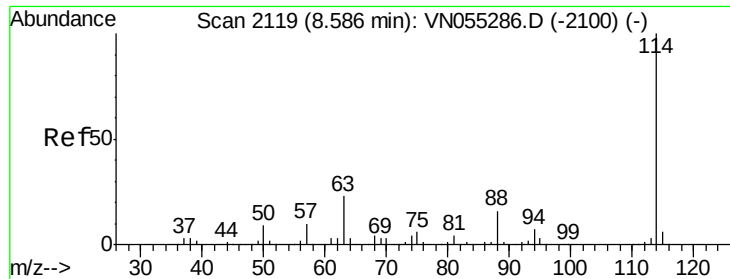
Tot Ion: 84 Resp: 51286
Ion Ratio Lower Upper
84 100
49 143.4 112.4 168.6
51 43.9 34.6 51.8
86 61.4 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 48.929 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion: 65 Resp: 320024
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.8

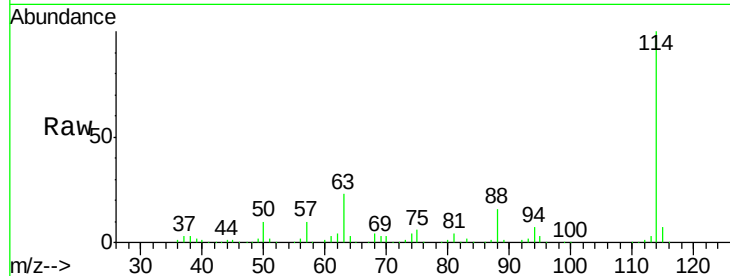




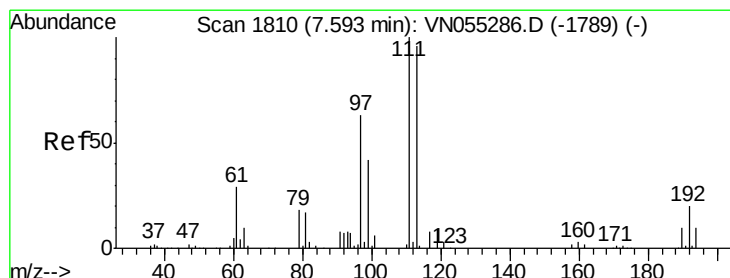
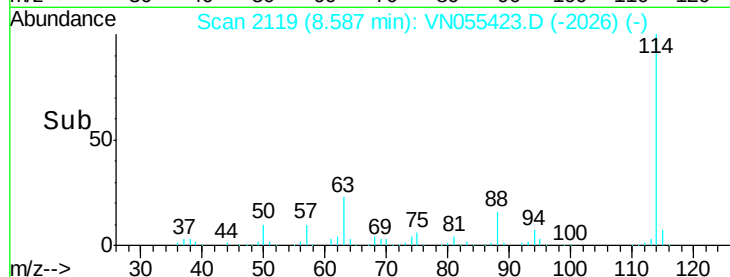
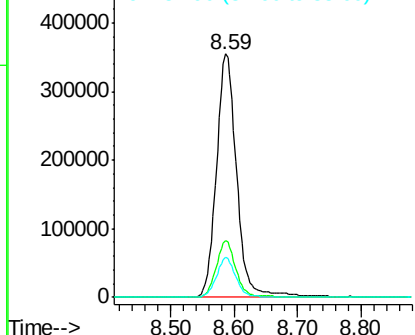
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
SSSI-0502-S-TCLP-10

Tot Ion:114 Resp: 786294
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.2
88 16.2 0.0 31.6

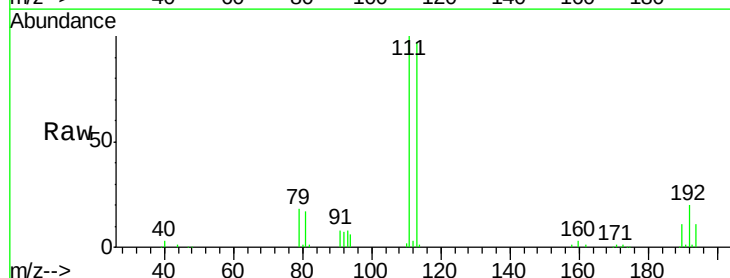


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

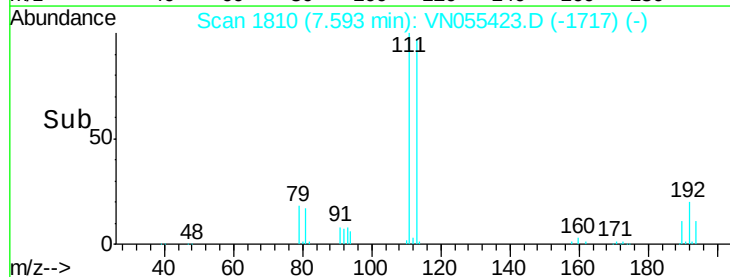
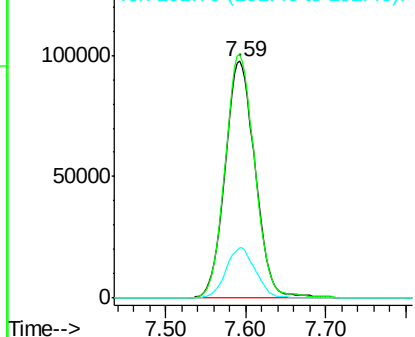


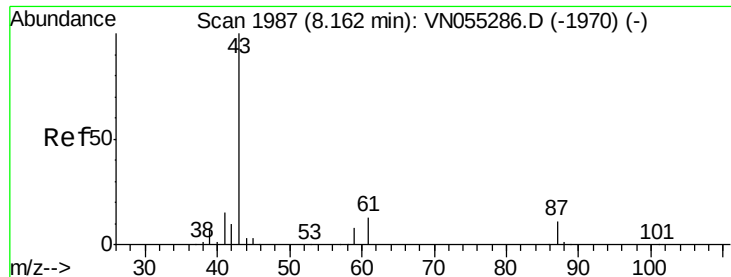
#35
Dibromofluoromethane
Concen: 48.440 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055423.D
Acq: 6 May 2019 18:20

Tgt Ion:113 Resp: 249999
Ion Ratio Lower Upper
113 100
111 101.3 82.3 123.5
192 20.8 17.0 25.6



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: 1.350 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

SSSI-0502-S-TCLP-10

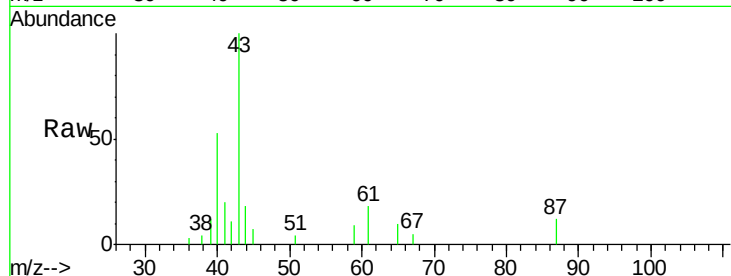
Tot Ion: 43 Resp: 12526

Ion Ratio Lower Upper

43 100

61 15.9 20.8 31.2#

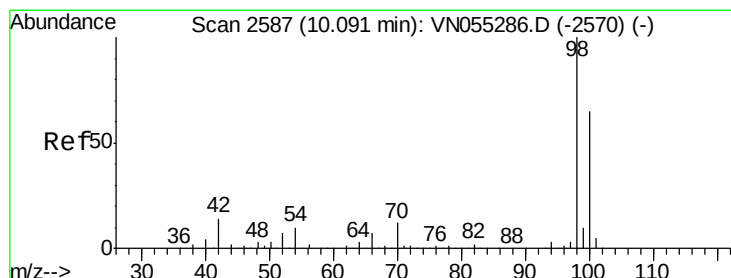
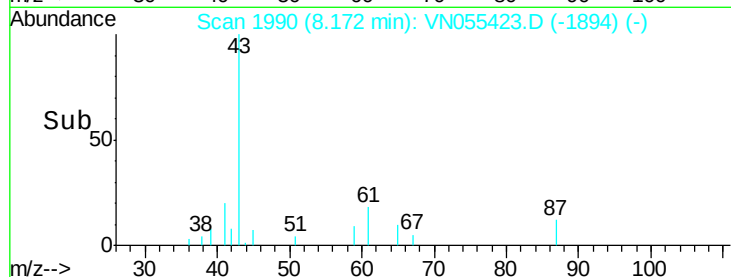
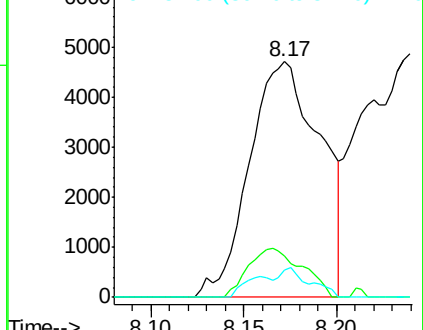
87 5.4 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.374 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055423.D

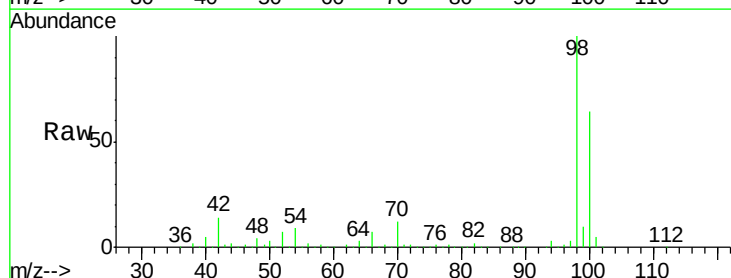
Acq: 6 May 2019 18:20

Tgt Ion: 98 Resp: 920116

Ion Ratio Lower Upper

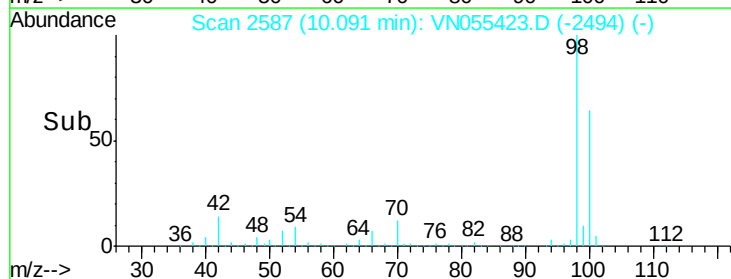
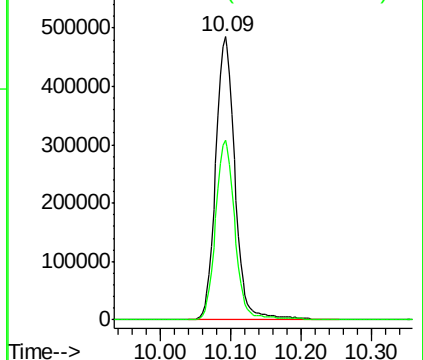
98 100

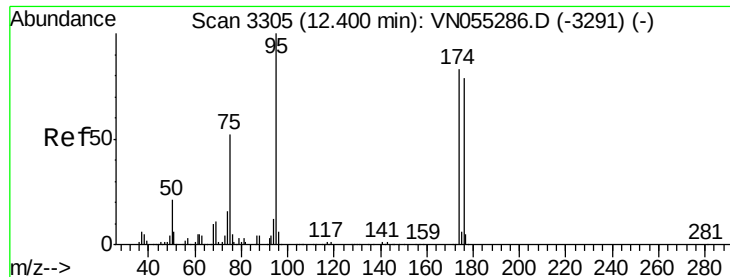
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.044 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

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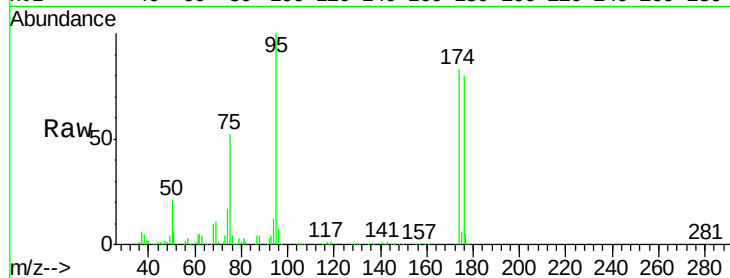
Tot Ion: 95 Resp: 273997

Ion Ratio Lower Upper

95 100

174 83.1 0.0 166.6

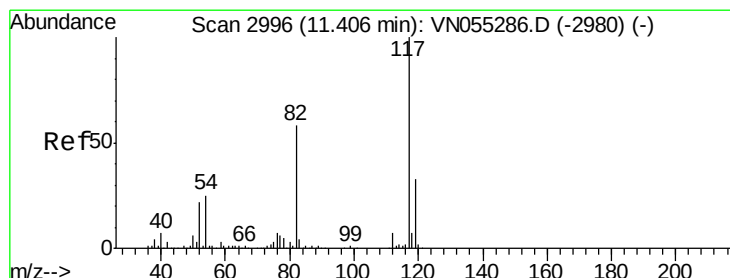
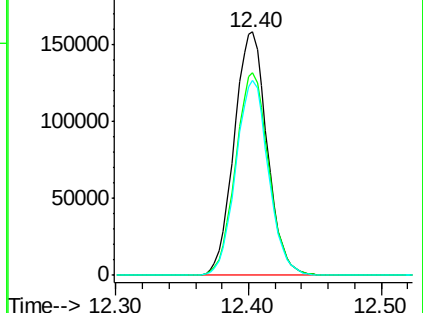
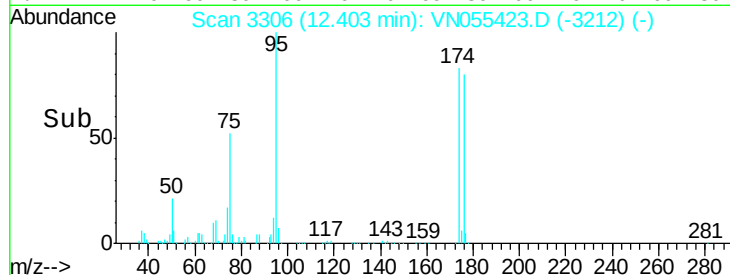
176 79.0 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055423.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055423.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055423.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055423.D

Acq: 6 May 2019 18:20

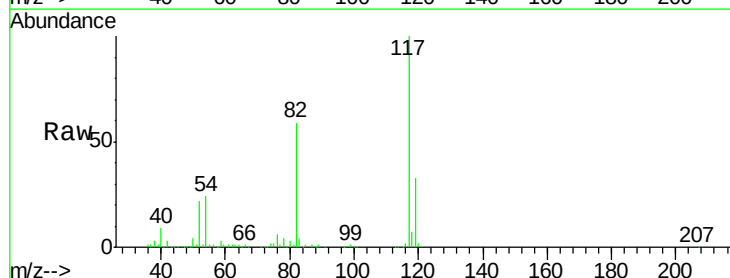
Tgt Ion: 117 Resp: 642274

Ion Ratio Lower Upper

117 100

82 58.6 46.2 69.4

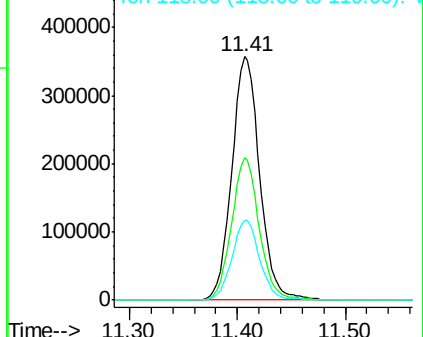
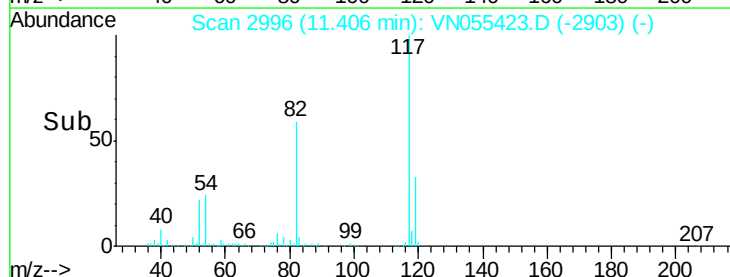
119 32.8 26.6 40.0

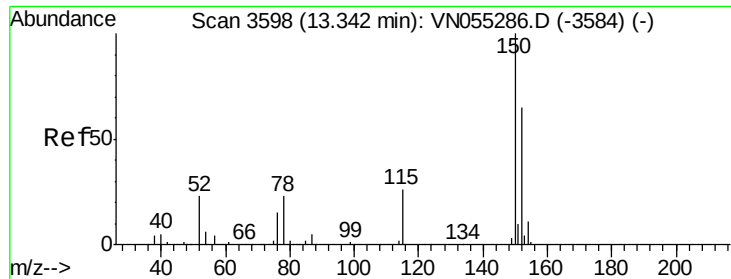


Abundance Ion 116.90 (116.60 to 117.60): VN055423.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055423.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055423.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055423.D

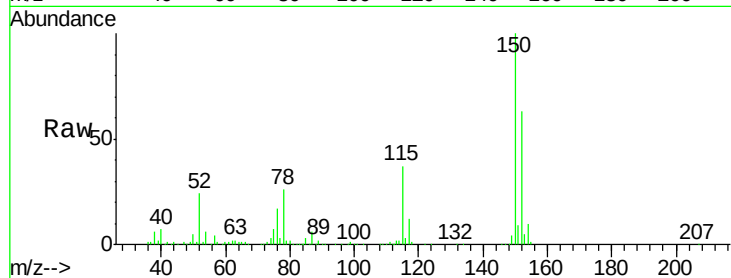
Acq: 6 May 2019 18:20

Instrument :

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ClientSampleId :

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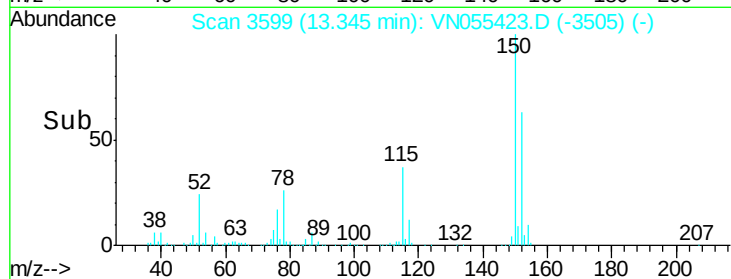
Tot Ion:152 Resp: 187263

Ion Ratio Lower Upper

152 100

115 58.6 29.0 87.0

150 156.5 0.0 345.6



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

