

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
 Data File : VN055083.D
 Acq On : 16 Apr 2019 17:19
 Operator : JC/SP
 Sample : K2203-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-041519-B

Quant Time: Apr 17 02:33:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

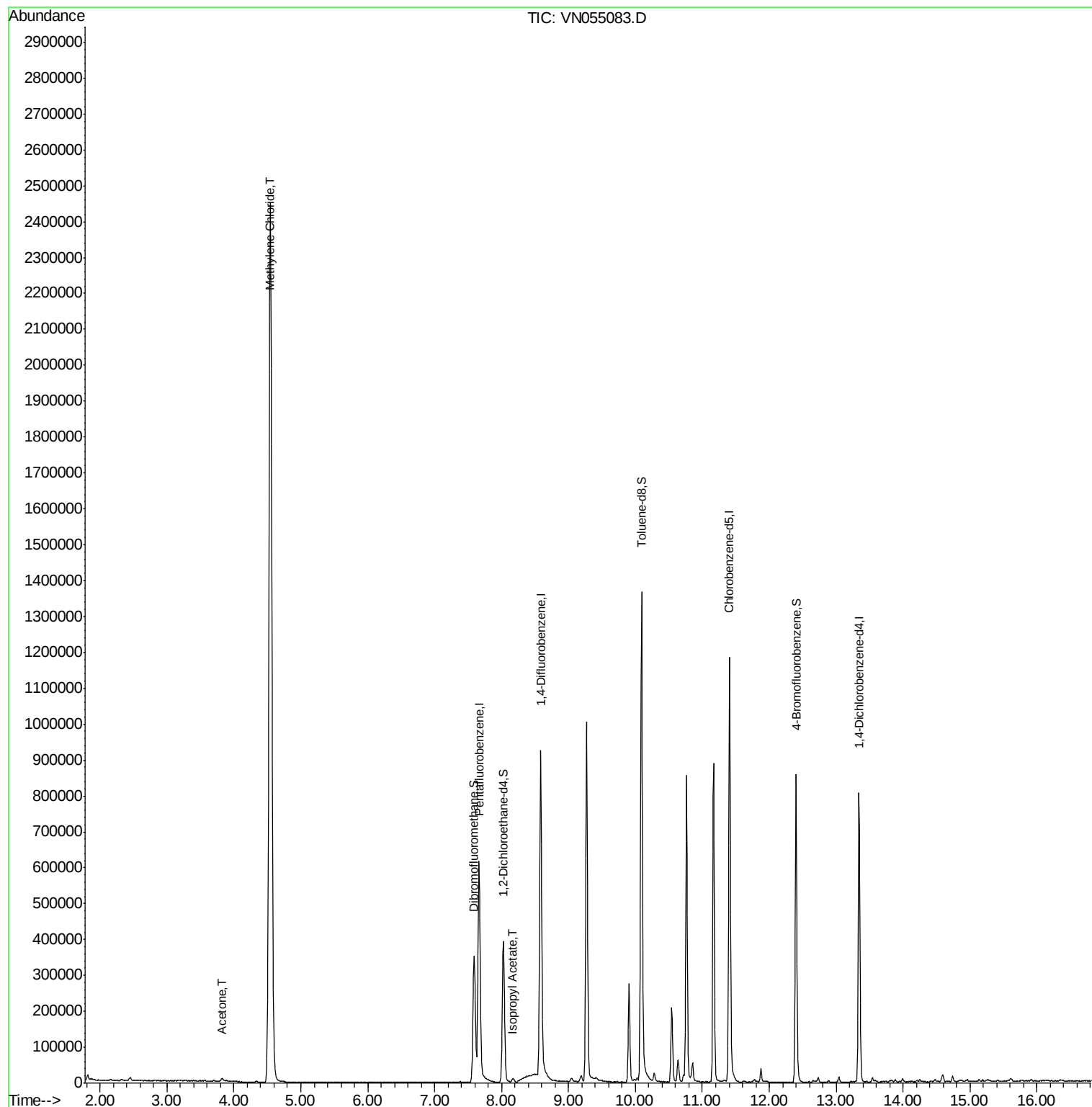
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	522403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	849676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	716595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	226191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	335161	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
35) Dibromofluoromethane	7.59	113	269178	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	10.09	98	1017639	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.40	95	293187	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
Target Compounds						
16) Acetone	3.82	43	12575	6.672	ug/l #	90
20) Methylene Chloride	4.54	84	1727952	260.804	ug/l	97
43) Isopropyl Acetate	8.17	43	12564	1.250	ug/l	97

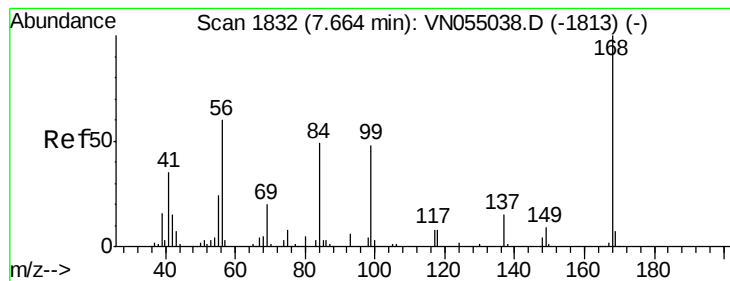
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041619\
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SU-01-041519-B

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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055038.D

Acq: 16 Apr 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

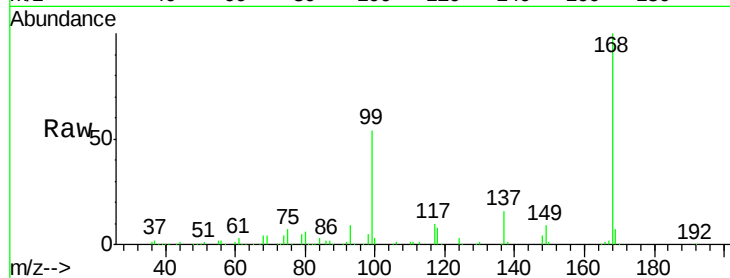
SU-01-041519-B

Tot Ion:168 Resp: 522403

Ion Ratio Lower Upper

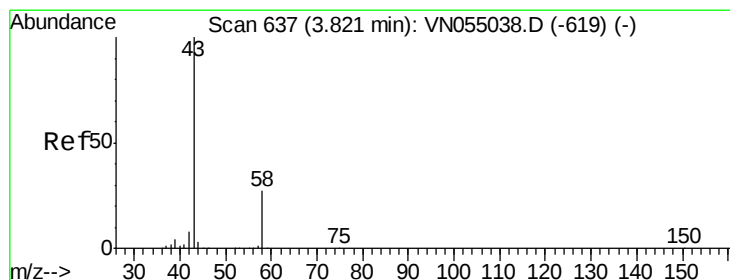
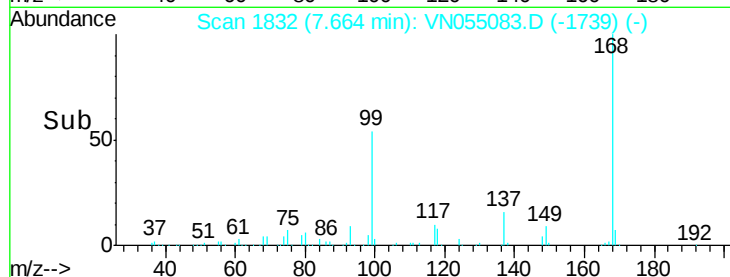
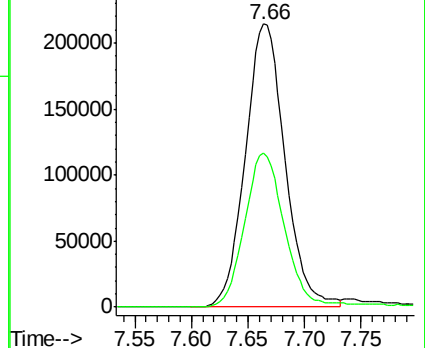
168 100

99 54.4 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055038.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055038.D (-1813) (-)



#16

Acetone

Concen: 6.672 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055038.D

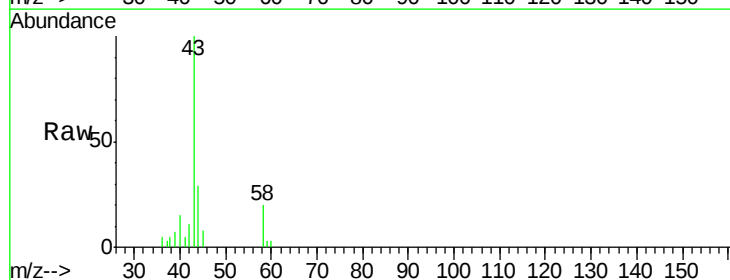
Acq: 16 Apr 2019 17:19

Tgt Ion: 43 Resp: 12575

Ion Ratio Lower Upper

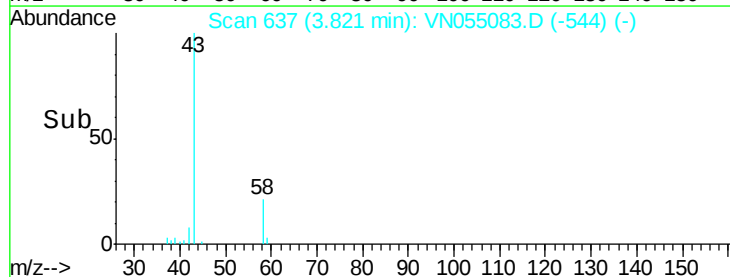
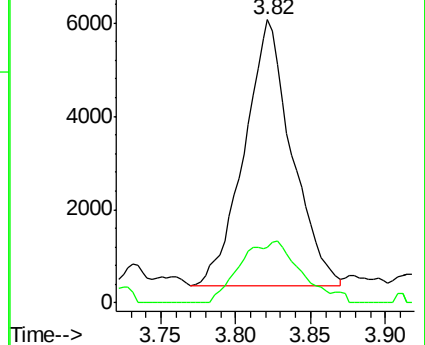
43 100

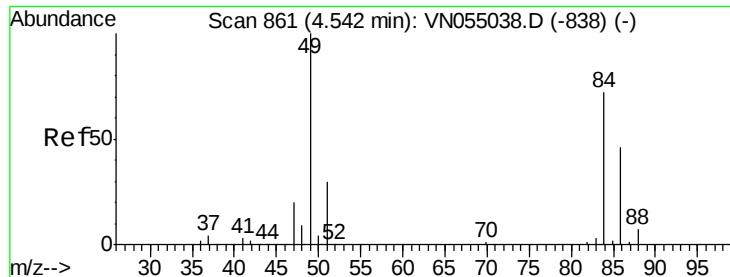
58 20.9 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-619) (-)

Ion 58.00 (57.70 to 58.70): VN055038.D (-619) (-)





#20

Methylene Chloride

Concen: 260.804 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055083.D

Acq: 16 Apr 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

SU-01-041519-B

Tot Ion: 84 Resp: 1727952

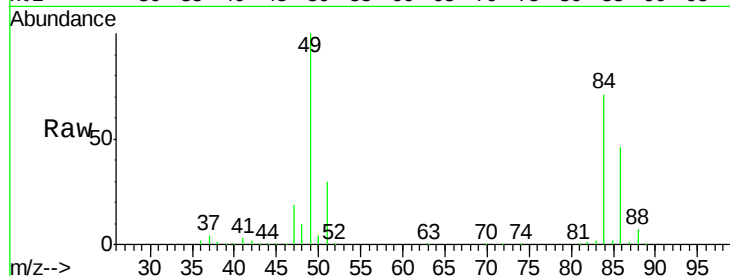
Ion Ratio Lower Upper

84 100

49 140.0 109.4 164.2

51 42.5 32.2 48.4

86 63.8 49.3 73.9

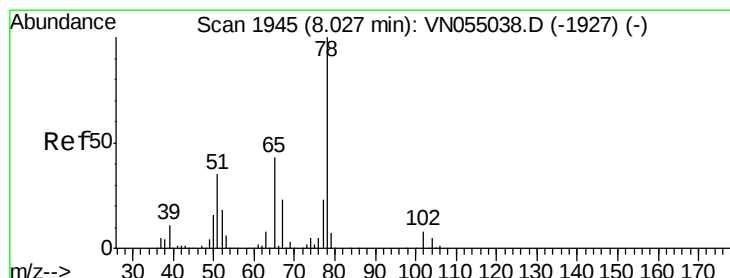
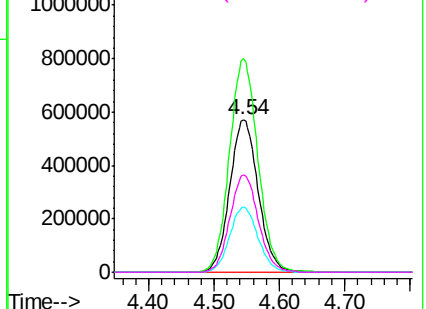
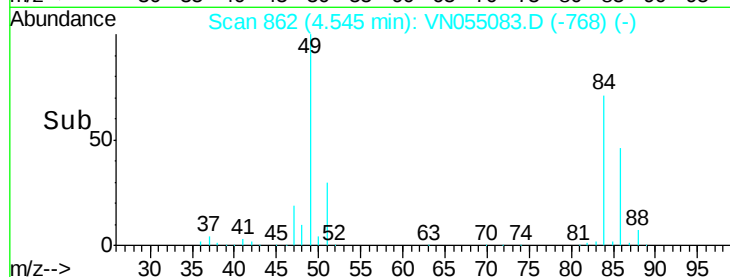


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 48.266 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055083.D

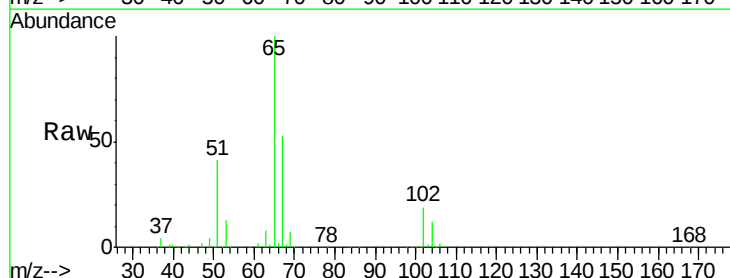
Acq: 16 Apr 2019 17:19

Tgt Ion: 65 Resp: 335161

Ion Ratio Lower Upper

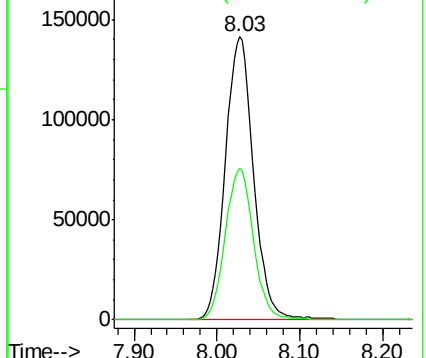
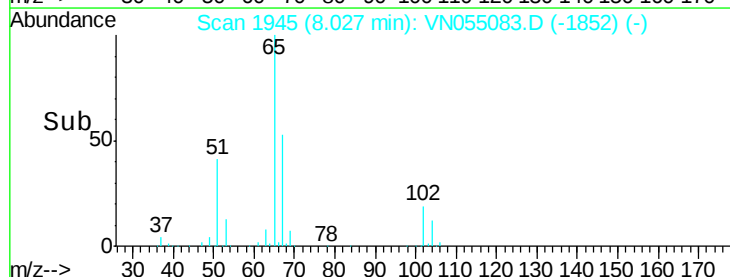
65 100

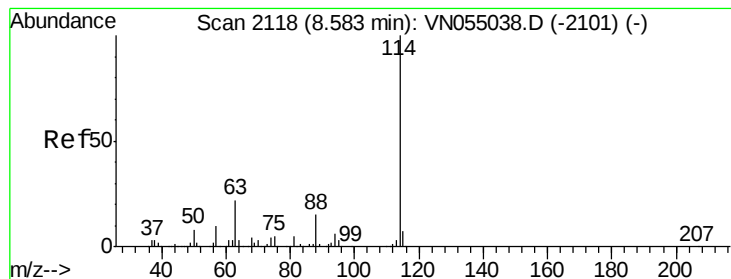
67 53.1 0.0 106.4



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055083.D

Acq: 16 Apr 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

SU-01-041519-B

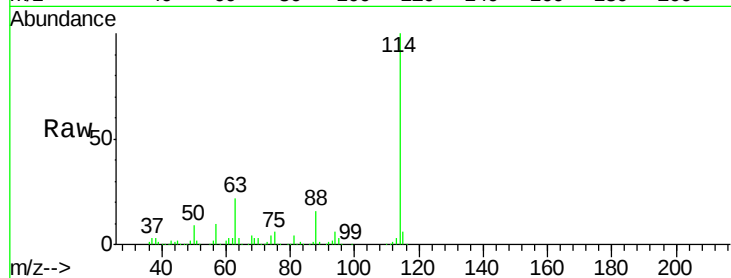
Tot Ion:114 Resp: 849676

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.2

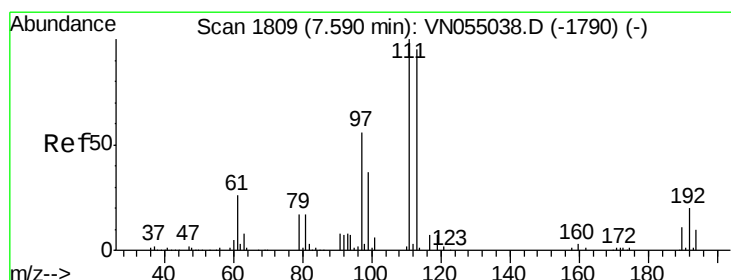
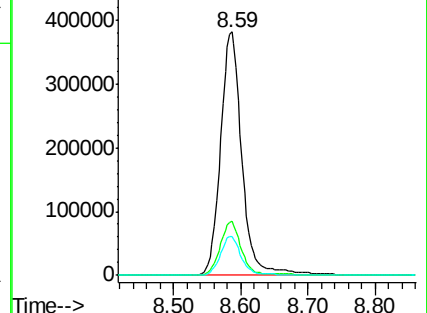
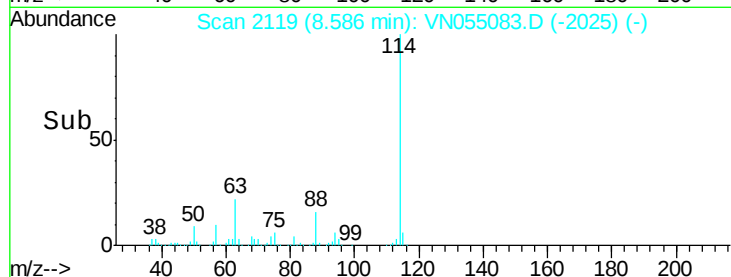
88 15.7 0.0 31.8



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: 47.403 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055083.D

Acq: 16 Apr 2019 17:19

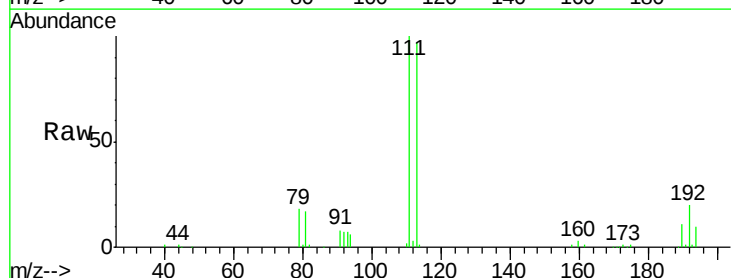
Tgt Ion:113 Resp: 269178

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

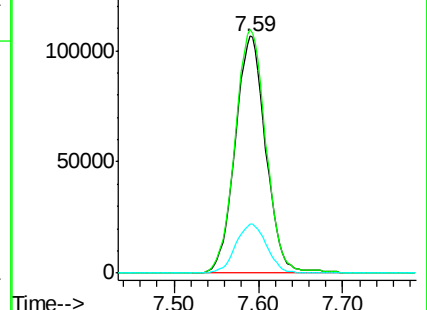
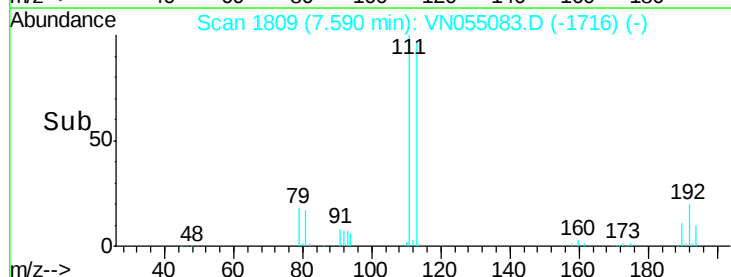
192 21.1 16.5 24.7

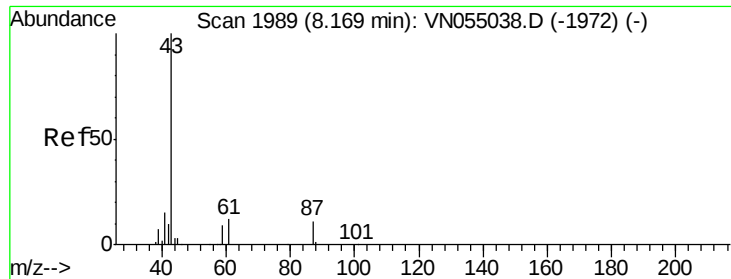


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.250 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055083.D

Acq: 16 Apr 2019 17:19

Instrument :

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ClientSampleId :

SU-01-041519-B

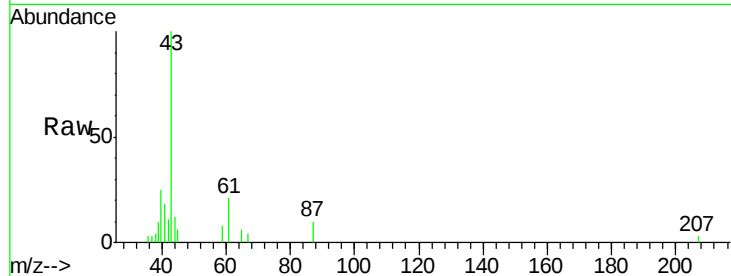
Tot Ion: 43 Resp: 12564

Ion Ratio Lower Upper

43 100

61 20.0 14.3 21.5

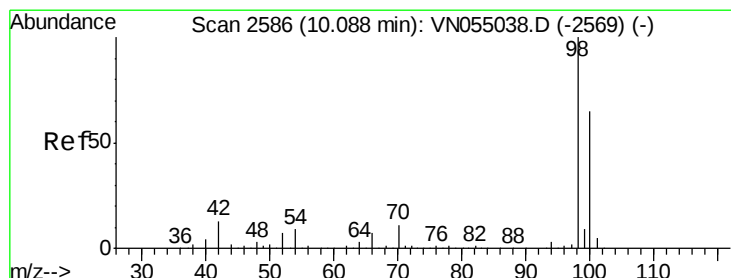
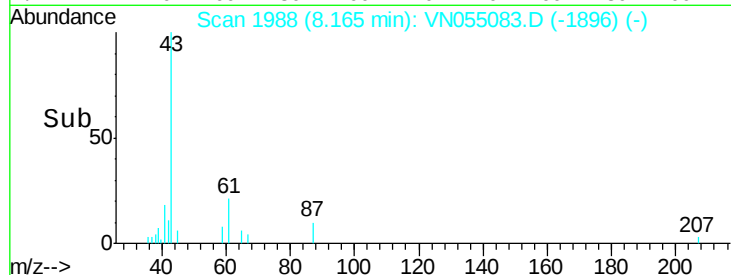
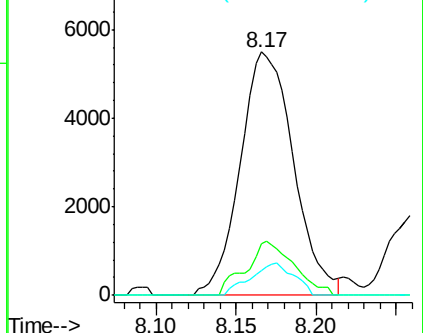
87 10.7 8.6 13.0



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: 50.072 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055083.D

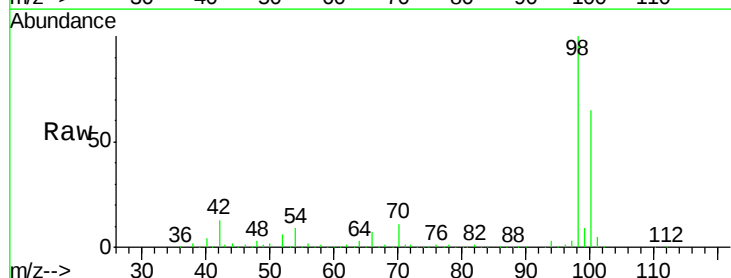
Acq: 16 Apr 2019 17:19

Tgt Ion: 98 Resp: 1017639

Ion Ratio Lower Upper

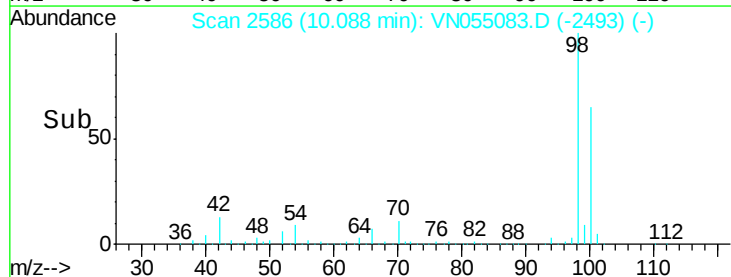
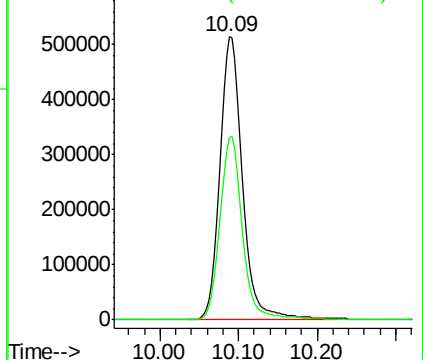
98 100

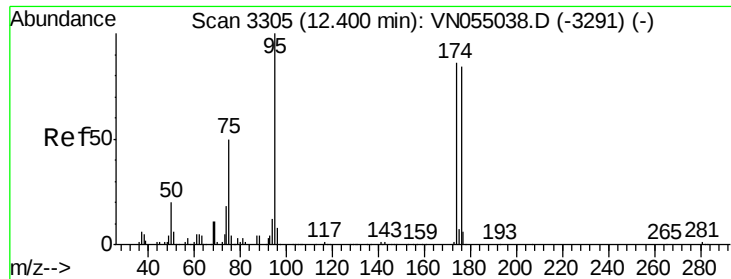
100 64.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.374 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055083.D

Acq: 16 Apr 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

SU-01-041519-B

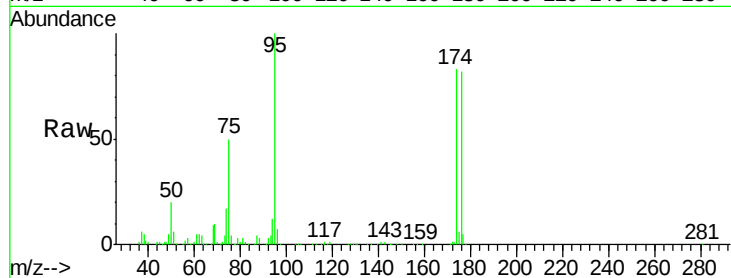
Tot Ion: 95 Resp: 293187

Ion Ratio Lower Upper

95 100

174 85.1 0.0 174.4

176 81.6 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055038.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055038.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055038.D (-3291) (-)

12.40

200000

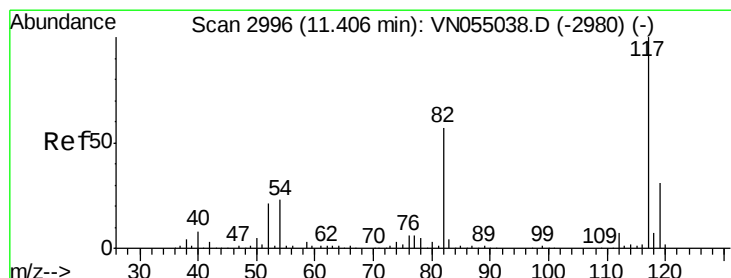
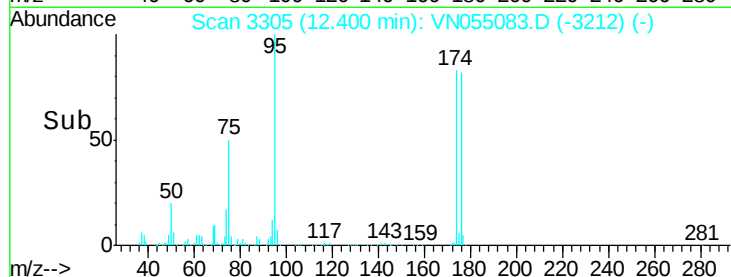
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055083.D

Acq: 16 Apr 2019 17:19

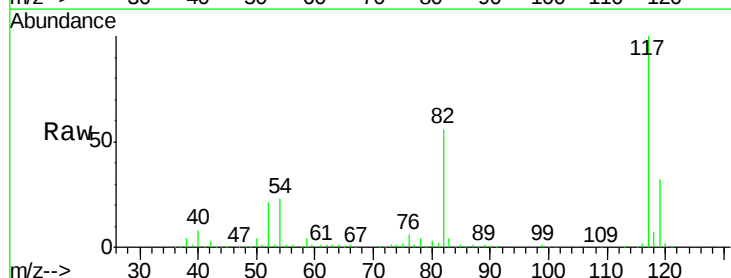
Tgt Ion: 117 Resp: 716595

Ion Ratio Lower Upper

117 100

82 55.8 44.6 66.8

119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN055038.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055038.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055038.D (-2980) (-)

11.41

500000

400000

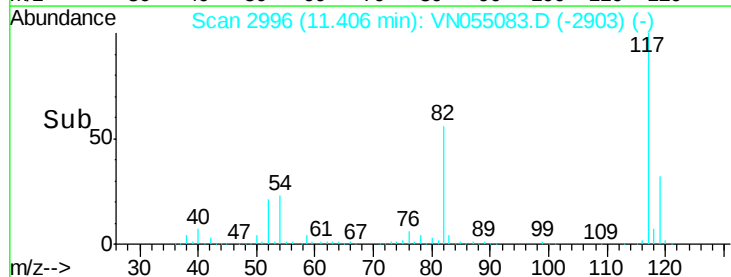
300000

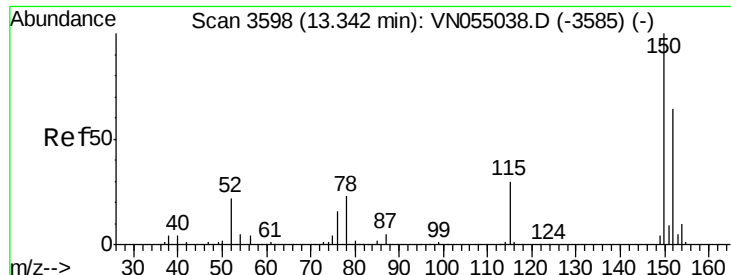
200000

100000

0

Time--> 11.30 11.40 11.50 11.60

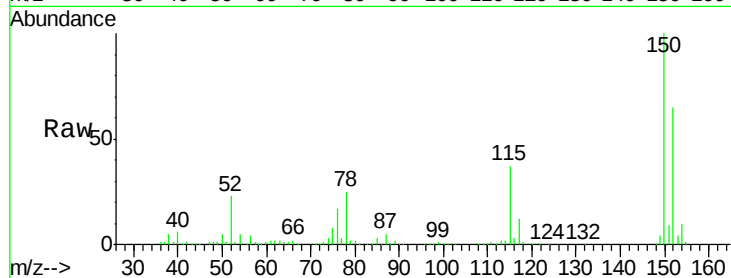




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055083.D
 Acq: 16 Apr 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-041519-B

Tot Ion:152 Resp: 226191
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.5 85.6
 150 155.4 0.0 347.2



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

