

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055101.D
 Acq On : 17 Apr 2019 13:05
 Operator : JC/SP
 Sample : K2197-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-041619-B

Quant Time: Apr 18 08:34:41 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

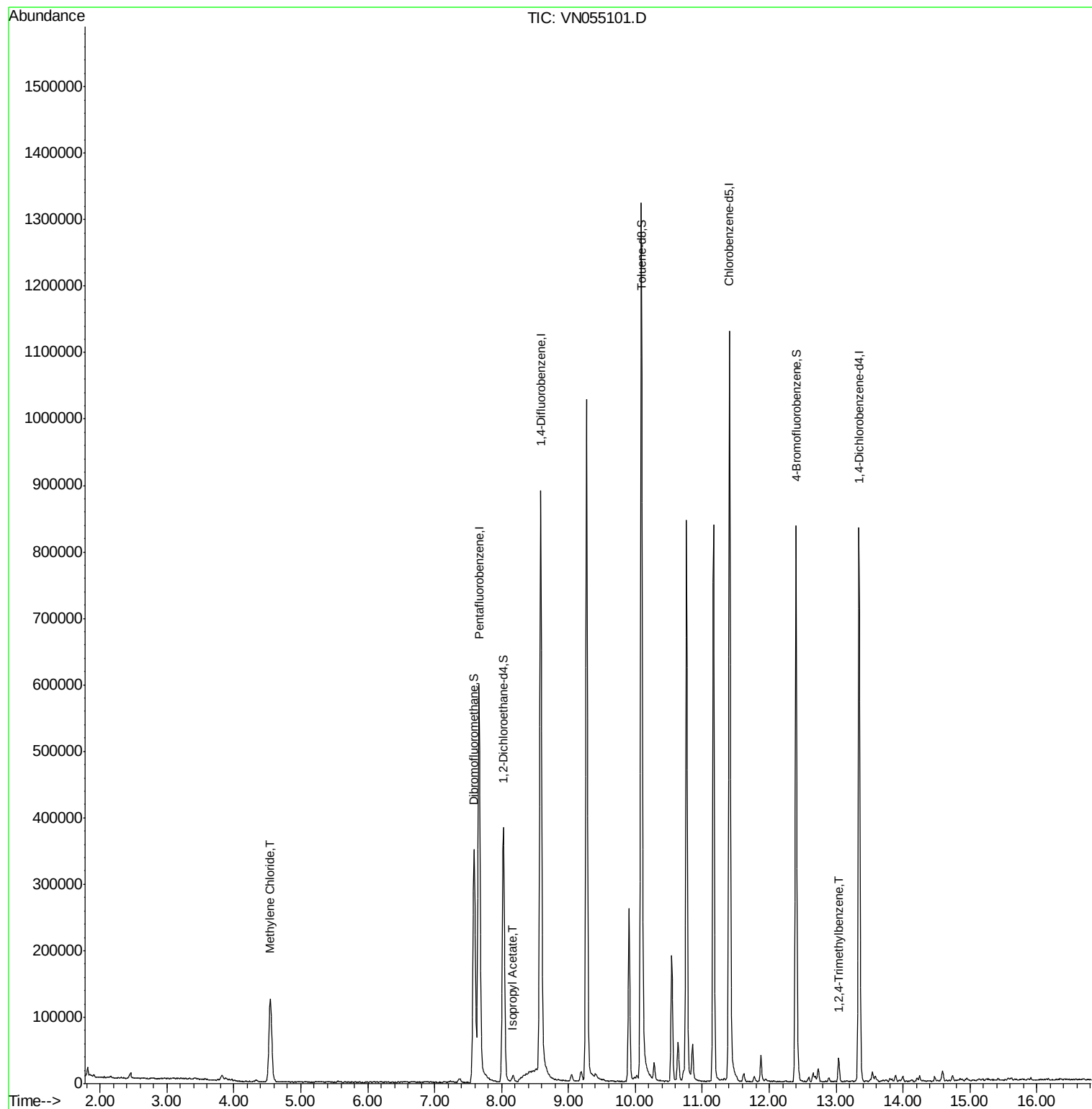
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	515021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	814270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	690375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	231005	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	325930	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
35) Dibromofluoromethane	7.59	113	266397	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
50) Toluene-d8	10.09	98	990605	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	284051	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
Target Compounds						
20) Methylene Chloride	4.54	84	88167	13.498	ug/l	99
43) Isopropyl Acetate	8.17	43	12407	1.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	19753	1.260	ug/l	96

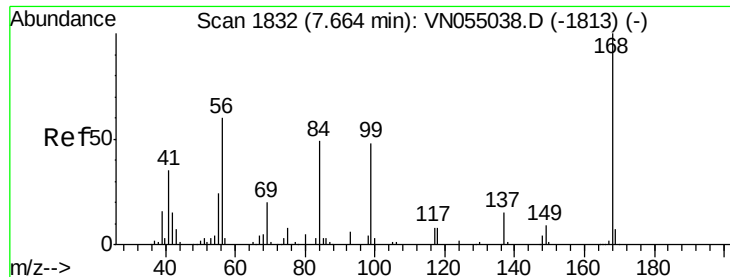
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055101.D

Acq: 17 Apr 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

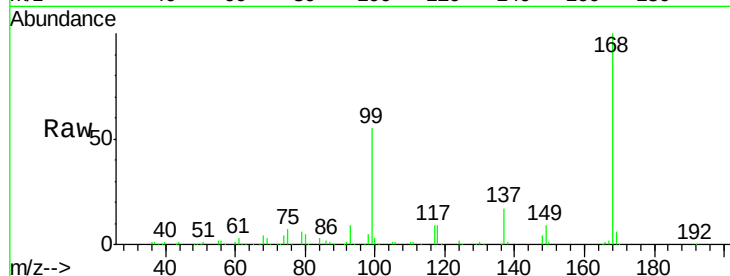
CL-01-041619-B

Tot Ion:168 Resp: 515021

Ion Ratio Lower Upper

168 100

99 54.5 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

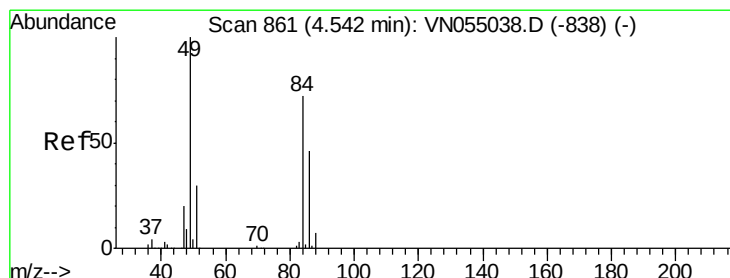
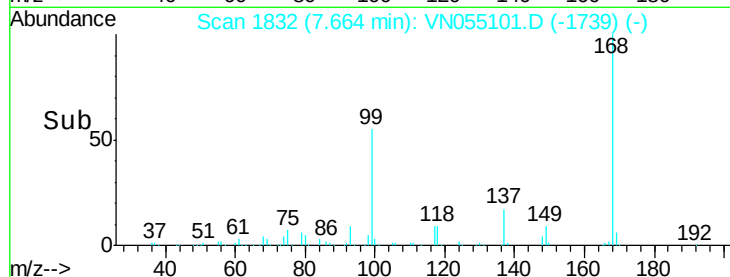
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 13.498 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055101.D

Acq: 17 Apr 2019 13:05

Tgt Ion: 84 Resp: 88167

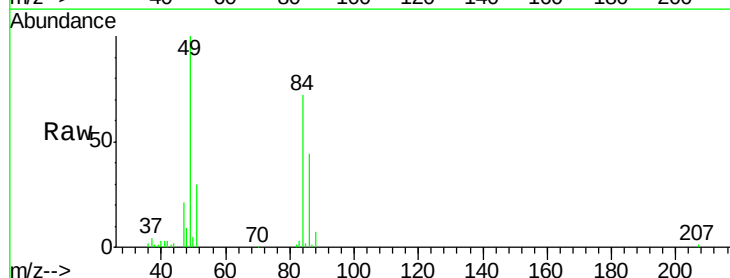
Ion Ratio Lower Upper

84 100

49 138.7 109.4 164.2

51 41.1 32.2 48.4

86 60.7 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

60000

50000

40000

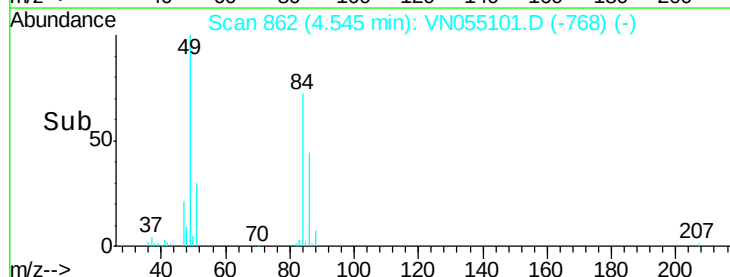
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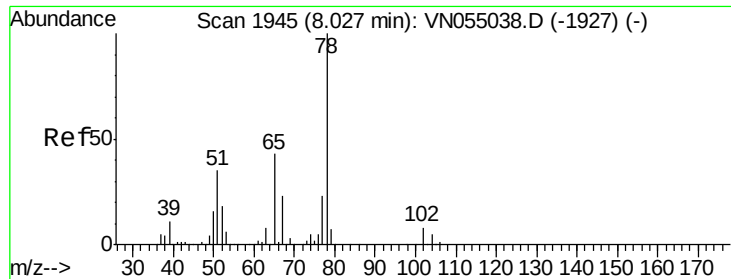
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10000

0

Time-->

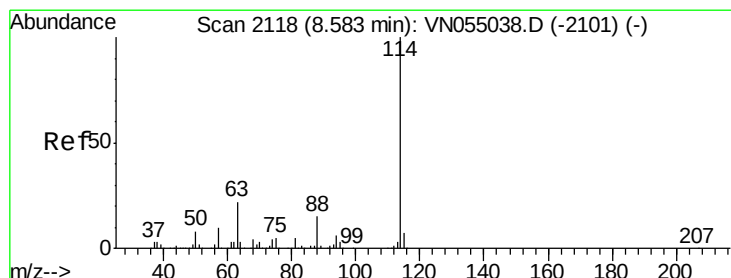
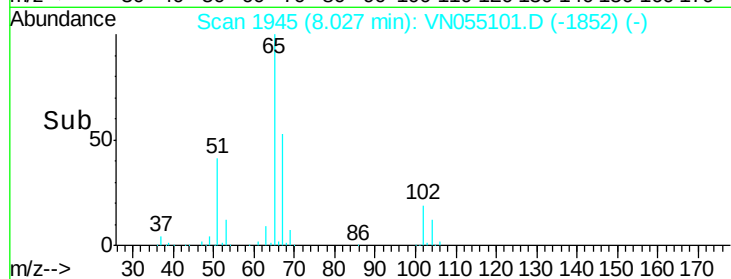
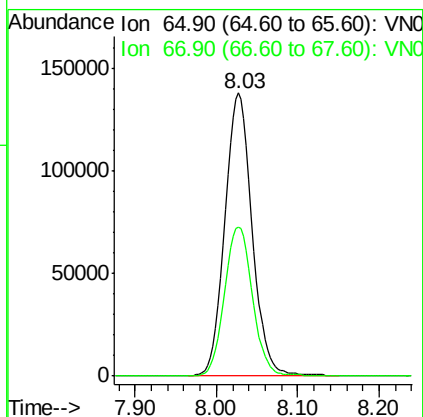
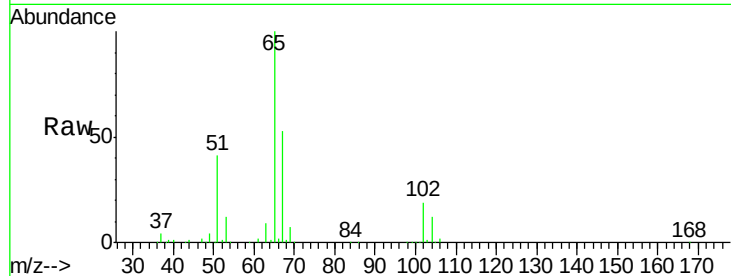




#33
 1,2-Dichloroethane-d4
 Concen: 47.609 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055101.D
 Acq: 17 Apr 2019 13:05

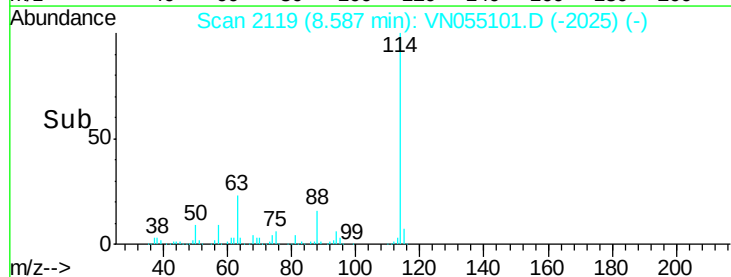
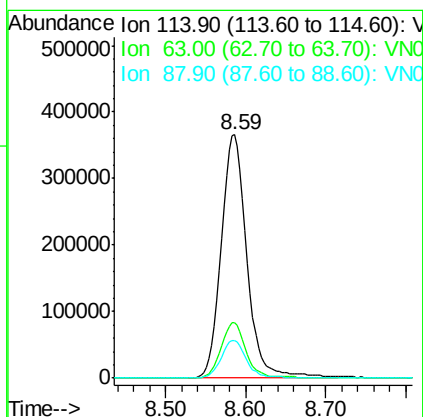
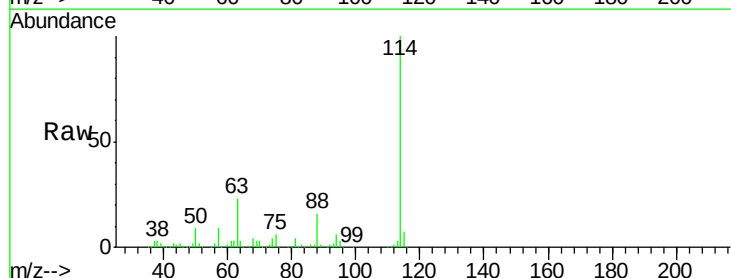
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-041619-B

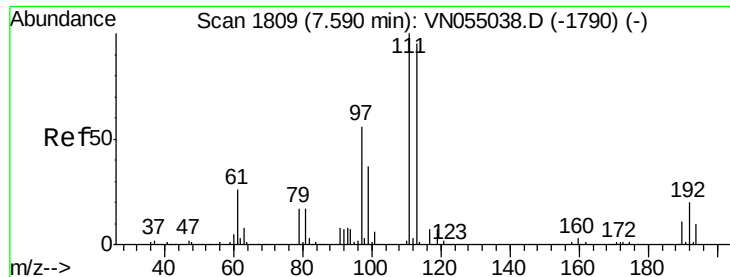
Tot Ion: 65 Resp: 325930
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055101.D
 Acq: 17 Apr 2019 13:05

Tgt Ion: 114 Resp: 814270
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.2
 88 15.5 0.0 31.8

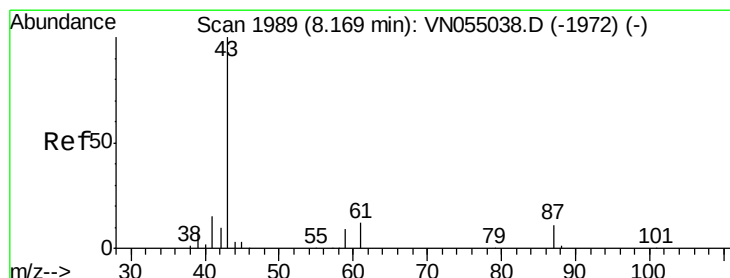
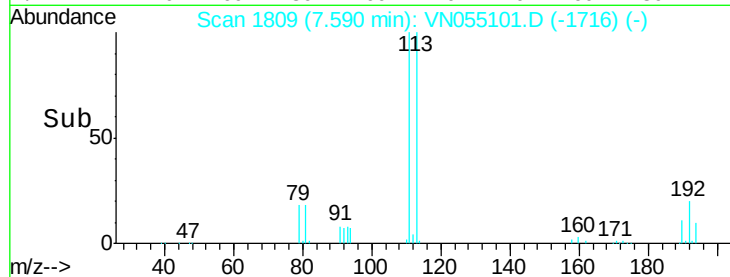
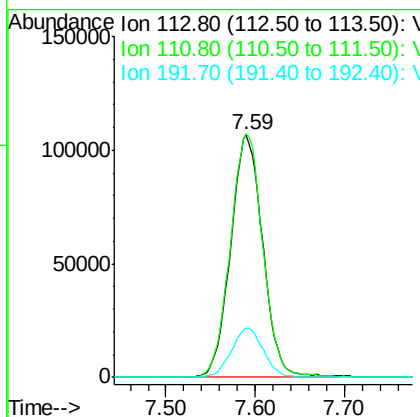
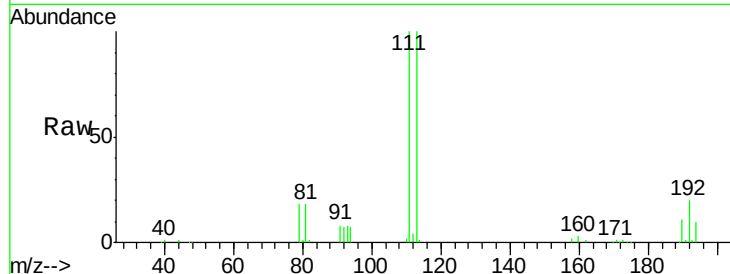




#35
 Dibromofluoromethane
 Concen: 48.954 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055101.D
 Acq: 17 Apr 2019 13:05

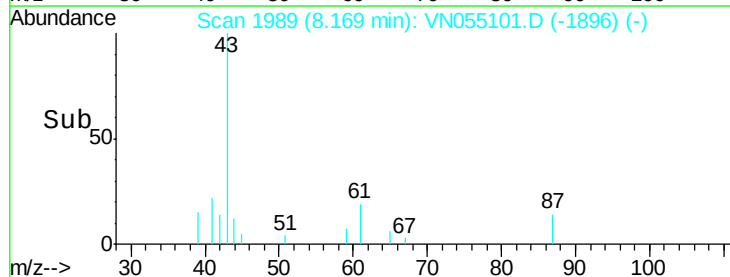
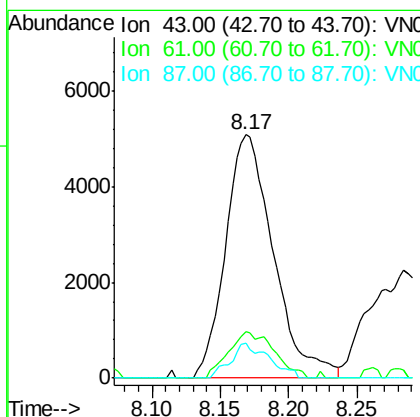
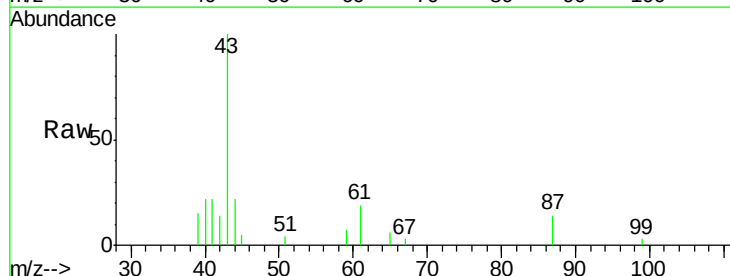
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-041619-B

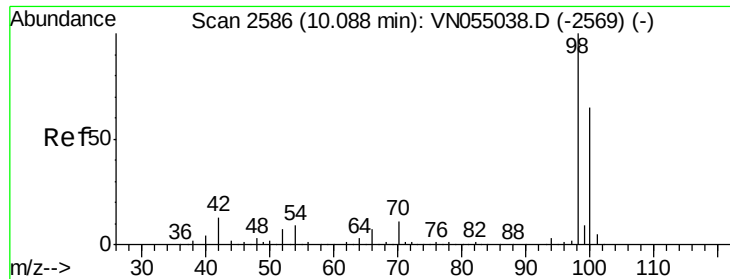
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.1	123.1
192	20.1	16.5	24.7



#43
 Isopropyl Acetate
 Concen: 1.288 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN055101.D
 Acq: 17 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.3	21.5
87	11.4	8.6	13.0





#50

Toluene-d8

Concen: 50.861 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055101.D

Acq: 17 Apr 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

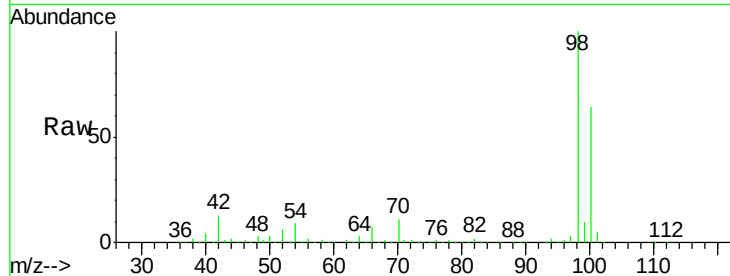
CL-01-041619-B

Tot Ion: 98 Resp: 990605

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055101.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN055101.D (-2493) (-)

10.09

500000

400000

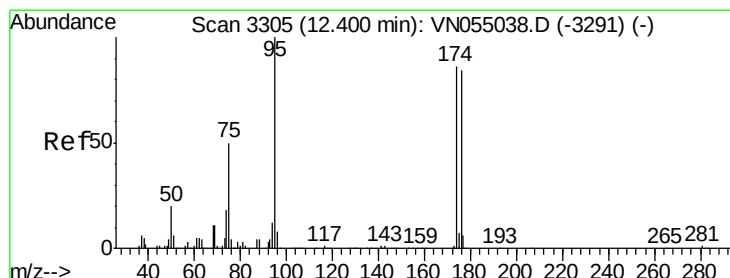
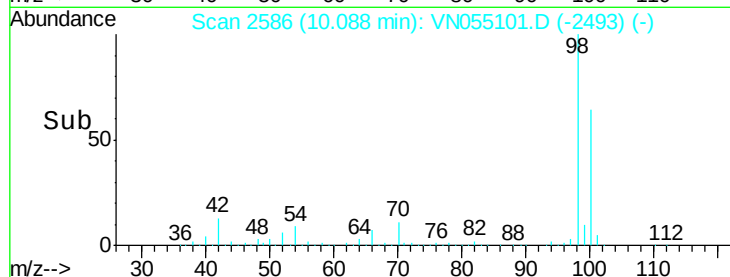
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.861 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055101.D

Acq: 17 Apr 2019 13:05

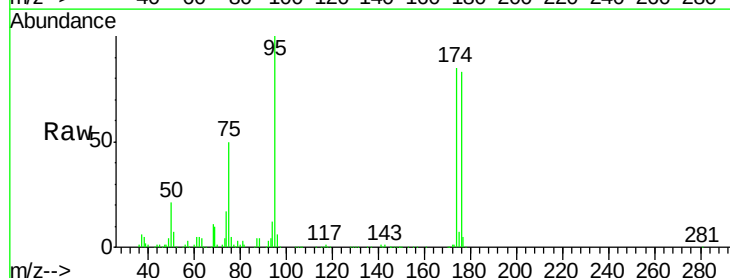
Tgt Ion: 95 Resp: 284051

Ion Ratio Lower Upper

95 100

174 85.8 0.0 174.4

176 83.5 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055101.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055101.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055101.D (-3212) (-)

12.40

200000

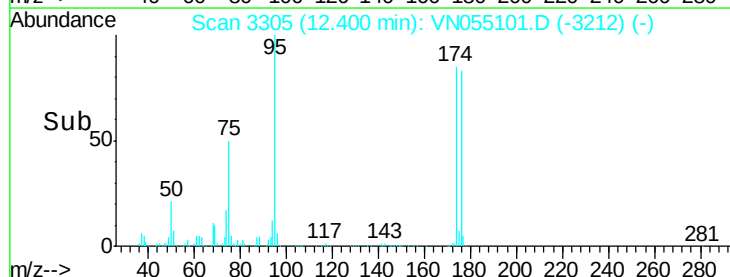
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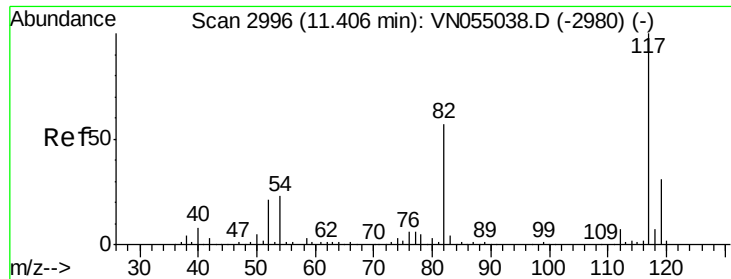
100000

50000

0

Time-->

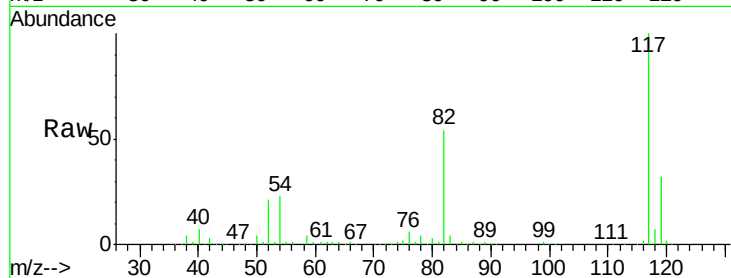




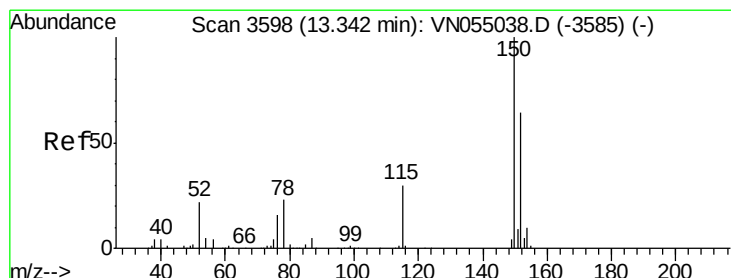
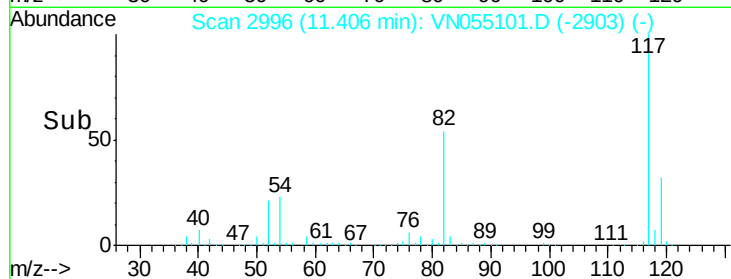
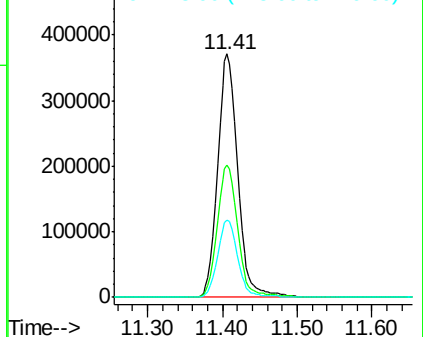
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055101.D
Acq: 17 Apr 2019 13:05

Instrument :
MSVOA_N
ClientSampleId :
CL-01-041619-B

Tot Ion:117 Resp: 690375
Ion Ratio Lower Upper
117 100
82 54.5 44.6 66.8
119 32.0 25.5 38.3

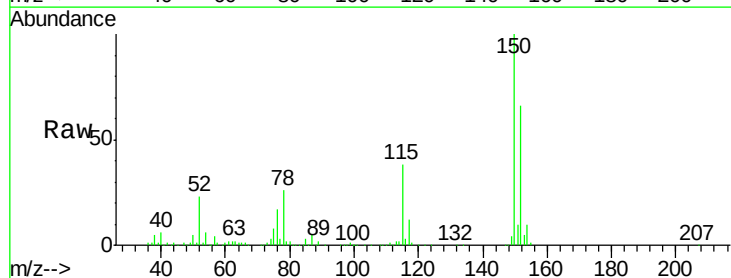


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

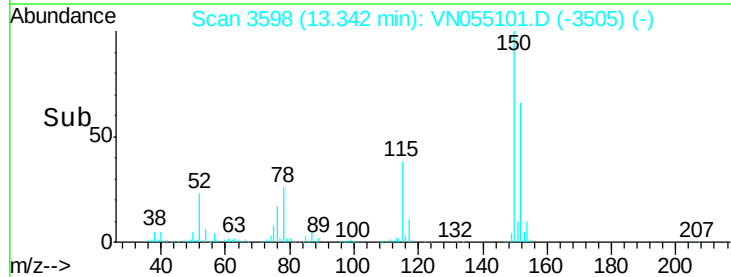
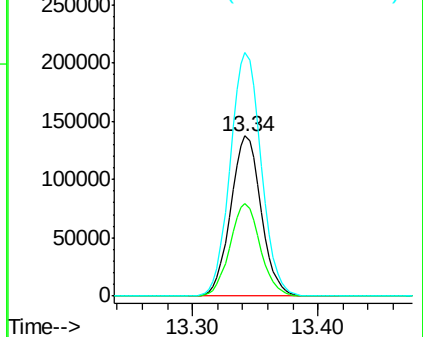


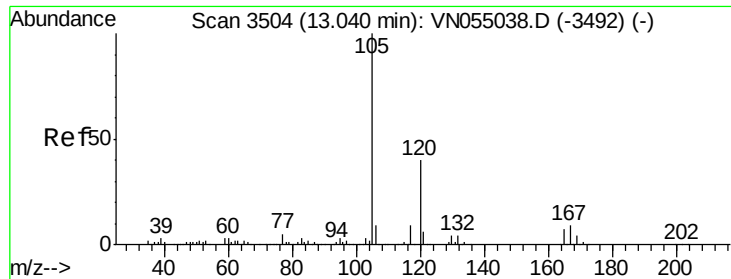
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055101.D
Acq: 17 Apr 2019 13:05

Tgt Ion:152 Resp: 231005
Ion Ratio Lower Upper
152 100
115 57.6 28.5 85.6
150 154.9 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





#84
 1,2,4-Trimethylbenzene
 Concen: 1.260 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055101.D
 Acq: 17 Apr 2019 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-041619-B

Tot Ion:105 Resp: 19753
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.4 67.3

