

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055109.D
 Acq On : 17 Apr 2019 16:36
 Operator : JC/SP
 Sample : K2198-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-041619

Quant Time: Apr 18 05:50:05 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

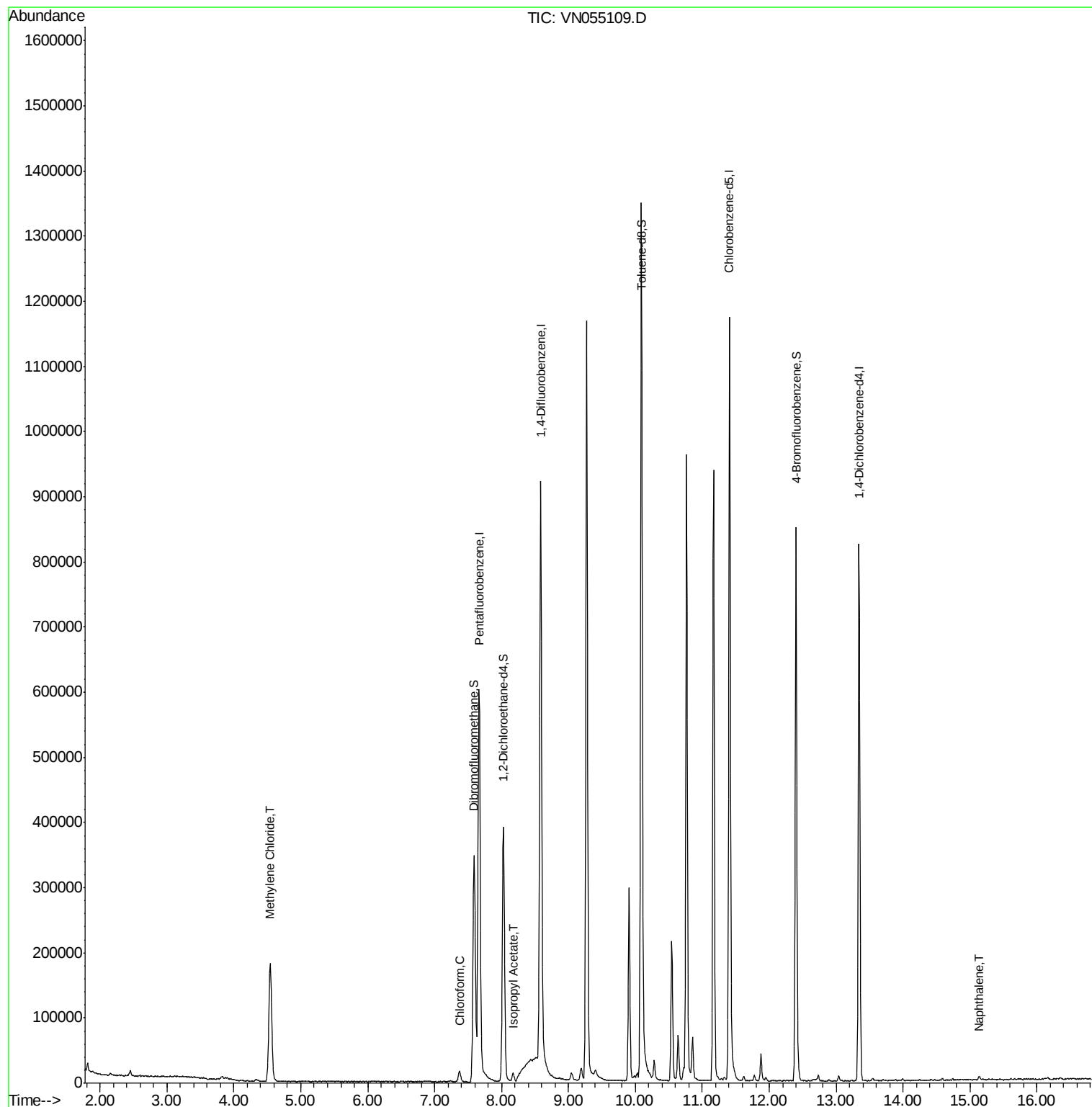
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	508273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	834476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	703924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	227095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	331460	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	7.59	113	262939	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	10.09	98	1008825	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.40	95	291468	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
Target Compounds						
20) Methylene Chloride	4.54	84	125129	19.411	ug/l	98
30) Chloroform	7.37	83	16719	1.592	ug/l	100
43) Isopropyl Acetate	8.17	43	14075	1.426	ug/l	99
95) Naphthalene	15.13	128	4146	3.557	ug/l #	84

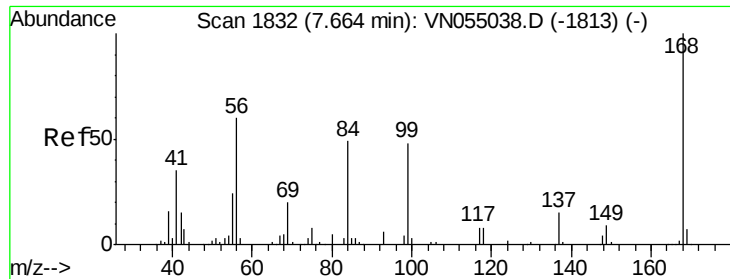
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041719\
Data File : VN055109.D
Acq On : 17 Apr 2019 16:36
Operator : JC/SP
Sample : K2198-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OK-02-041619

Quant Time: Apr 18 05:50:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
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: VN055109.D

Acq: 17 Apr 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

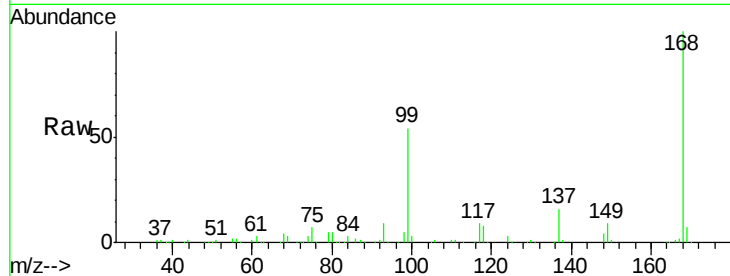
OK-02-041619

Tot Ion:168 Resp: 508273

Ion Ratio Lower Upper

168 100

99 53.8 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

200000

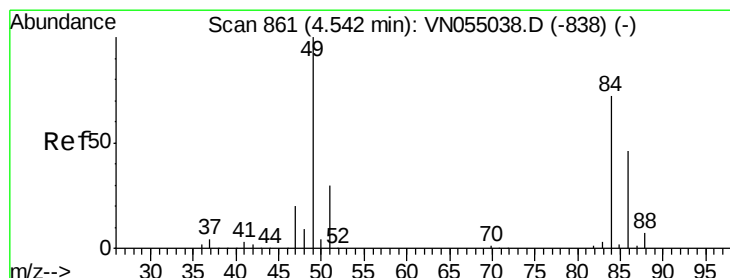
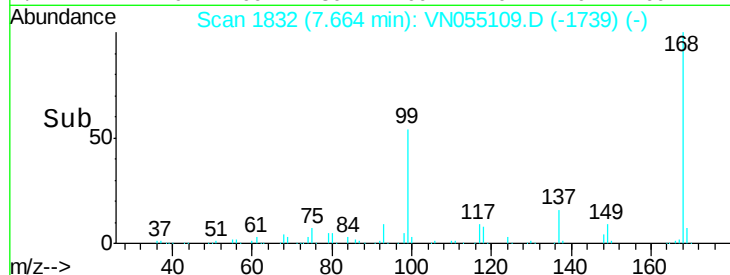
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 19.411 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055109.D

Acq: 17 Apr 2019 16:36

Tgt Ion: 84 Resp: 125129

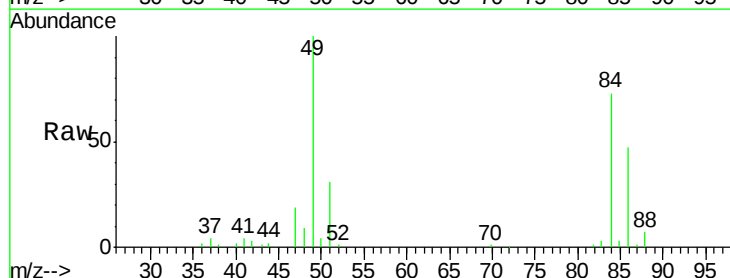
Ion Ratio Lower Upper

84 100

49 136.7 109.4 164.2

51 42.6 32.2 48.4

86 64.7 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

4.54

80000

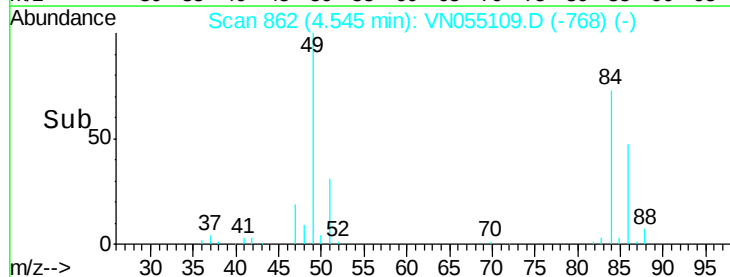
60000

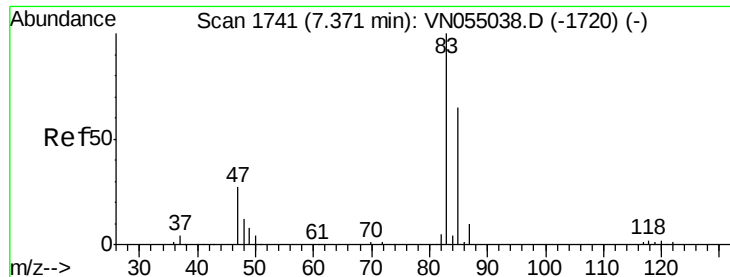
40000

20000

0

Time--> 4.40 4.50 4.60 4.70

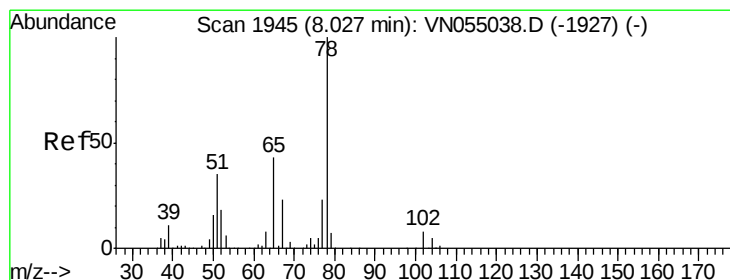
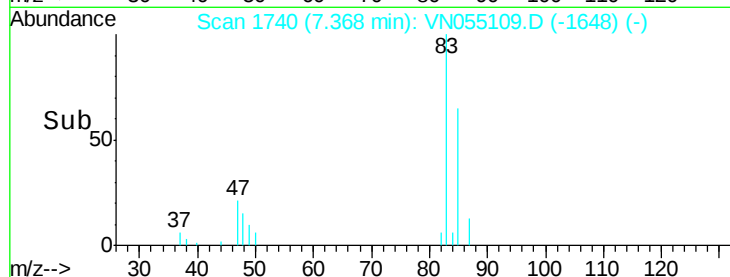
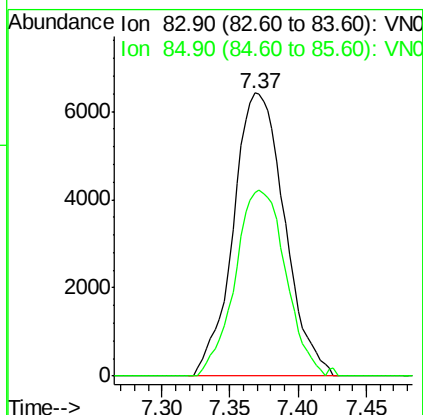
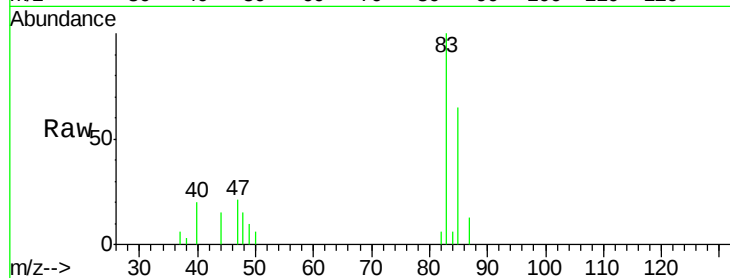




#30
 Chloroform
 Concen: 1.592 ug/l
 RT: 7.37 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VN055109.D
 Acq: 17 Apr 2019 16:36

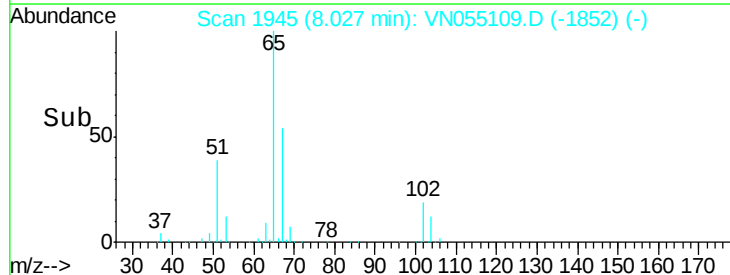
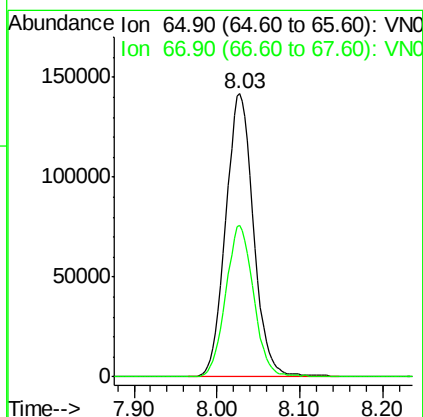
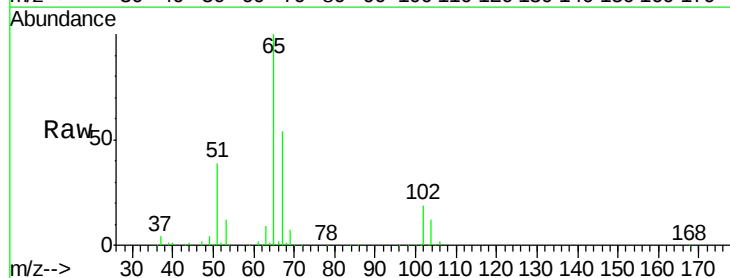
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-041619

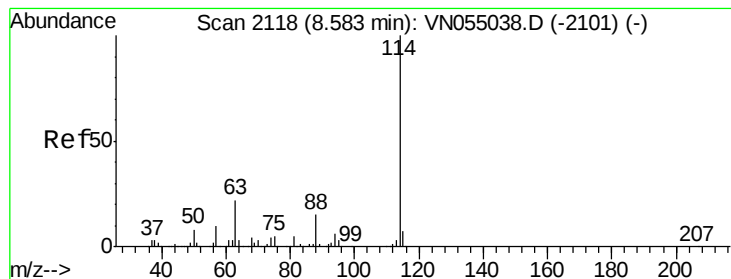
Tot Ion: 83 Resp: 16719
 Ion Ratio Lower Upper
 83 100
 85 64.9 51.8 77.6



#33
 1,2-Dichloroethane-d4
 Concen: 49.060 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055109.D
 Acq: 17 Apr 2019 16:36

Tgt Ion: 65 Resp: 331460
 Ion Ratio Lower Upper
 65 100
 67 53.4 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: VN055109.D

Acq: 17 Apr 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

OK-02-041619

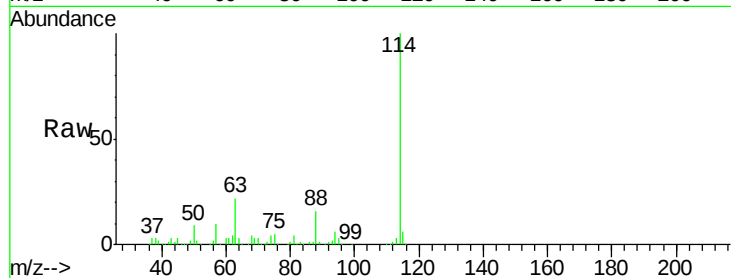
Tot Ion:114 Resp: 834476

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.2

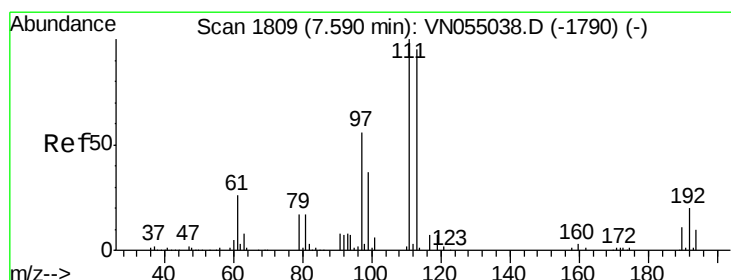
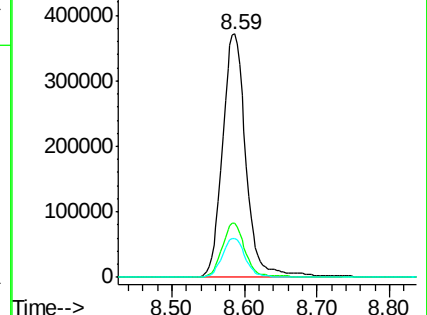
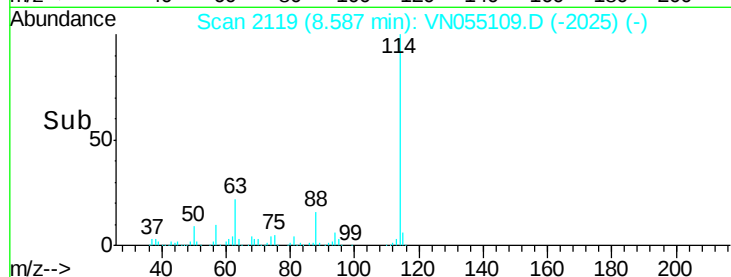
88 15.9 0.0 31.8



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: 47.148 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055109.D

Acq: 17 Apr 2019 16:36

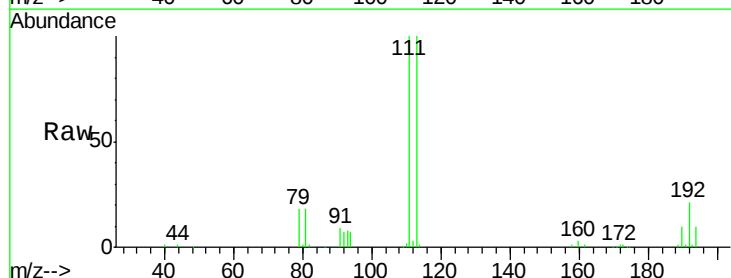
Tgt Ion:113 Resp: 262939

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

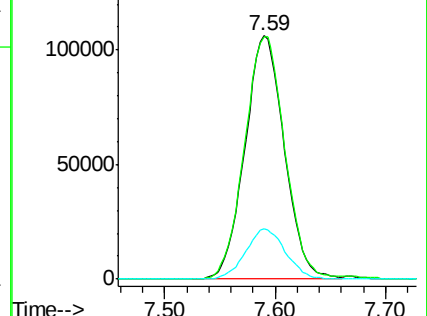
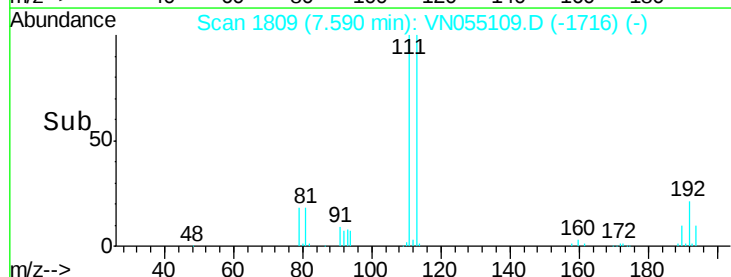
192 20.8 16.5 24.7

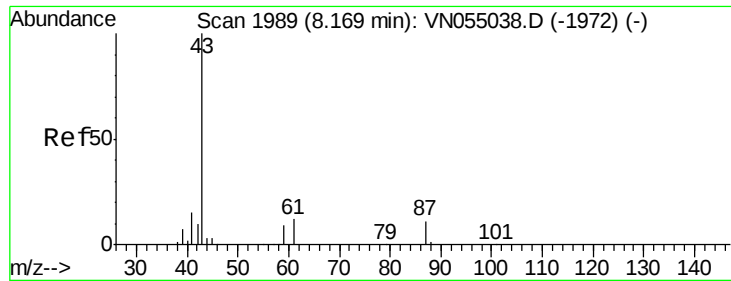


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.426 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055109.D

Acq: 17 Apr 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

OK-02-041619

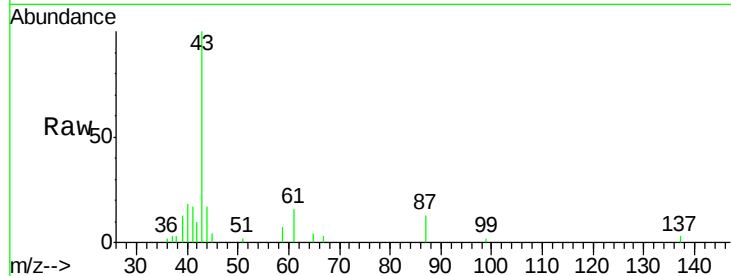
Tot Ion: 43 Resp: 14075

Ion Ratio Lower Upper

43 100

61 18.1 14.3 21.5

87 11.8 8.6 13.0

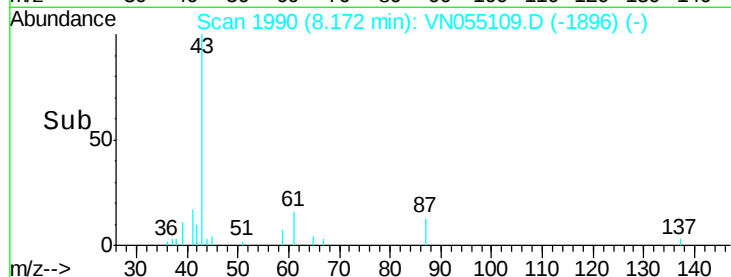


Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-1972) (-)

Ion 61.00 (60.70 to 61.70): VN055038.D (-1972) (-)

Ion 87.00 (86.70 to 87.70): VN055038.D (-1972) (-)

Time-->



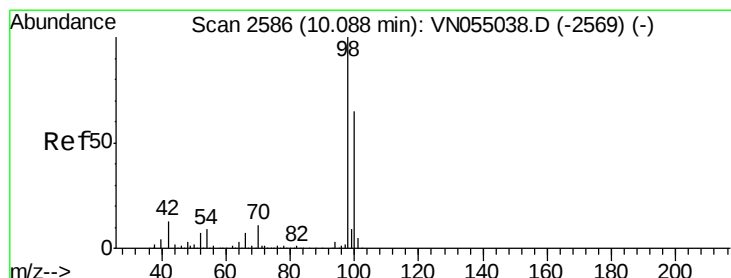
Abundance

Ion 43.00 (42.70 to 43.70): VN055109.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN055109.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN055109.D (-1896) (-)

Time-->



#50

Toluene-d8

Concen: 50.542 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055109.D

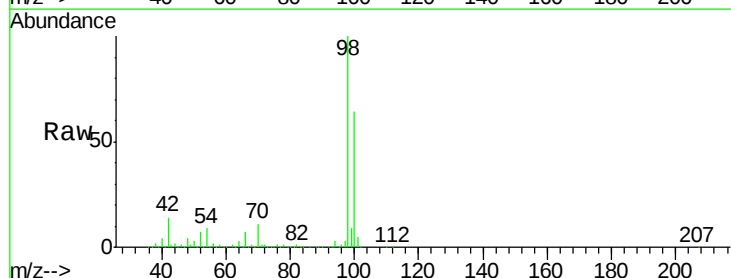
Acq: 17 Apr 2019 16:36

Tgt Ion: 98 Resp: 1008825

Ion Ratio Lower Upper

98 100

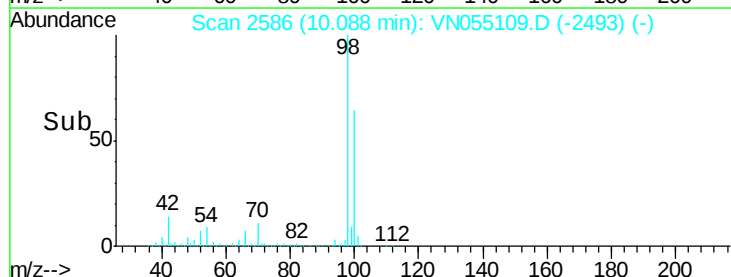
100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055038.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055038.D (-2569) (-)

Time-->

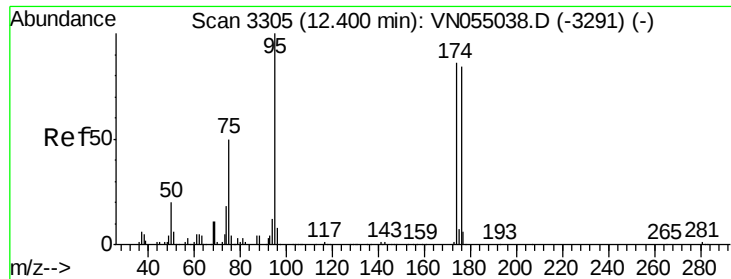


Abundance

Ion 98.00 (97.70 to 98.70): VN055109.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN055109.D (-2493) (-)

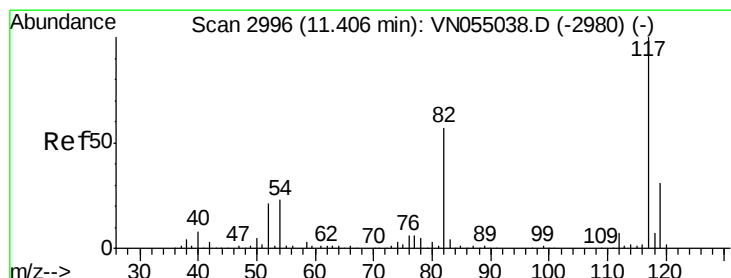
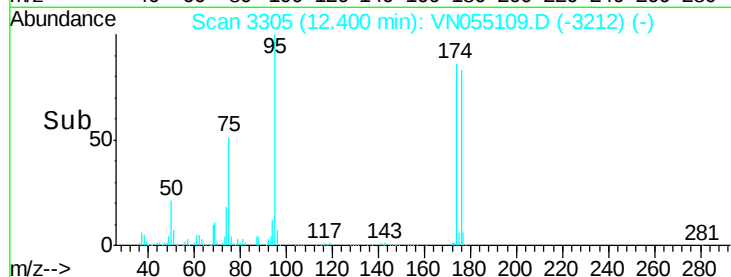
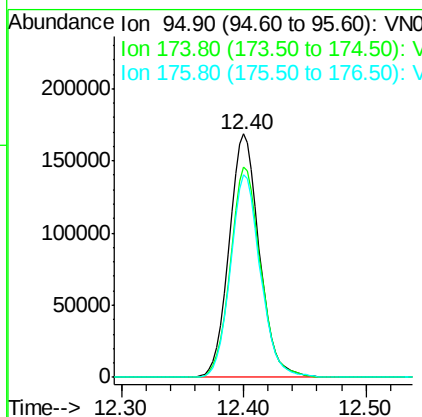
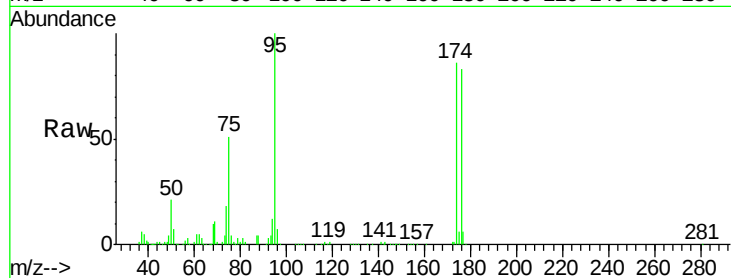
Time-->



#62
4-Bromofluorobenzene
Concen: 44.917 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055109.D
Acq: 17 Apr 2019 16:36

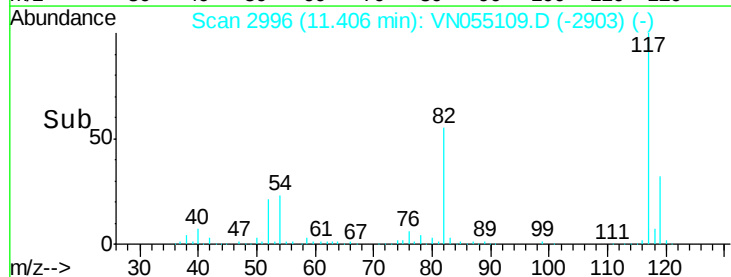
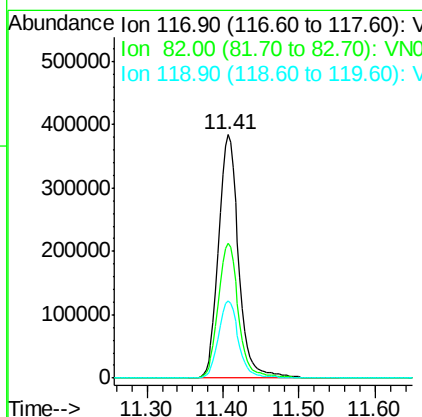
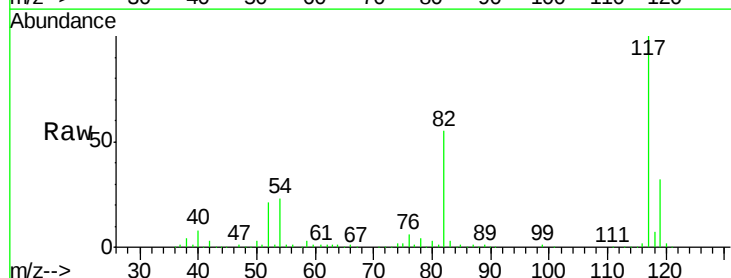
Instrument :
MSVOA_N
ClientSampleId :
OK-02-041619

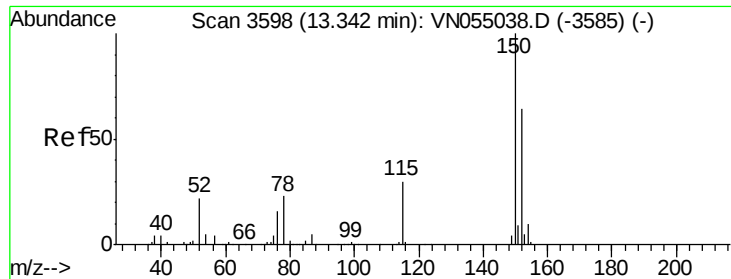
Tot Ion: 95 Resp: 291468
Ion Ratio Lower Upper
95 100
174 86.3 0.0 174.4
176 82.4 0.0 166.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055109.D
Acq: 17 Apr 2019 16:36

Tgt Ion: 117 Resp: 703924
Ion Ratio Lower Upper
117 100
82 55.5 44.6 66.8
119 31.9 25.5 38.3



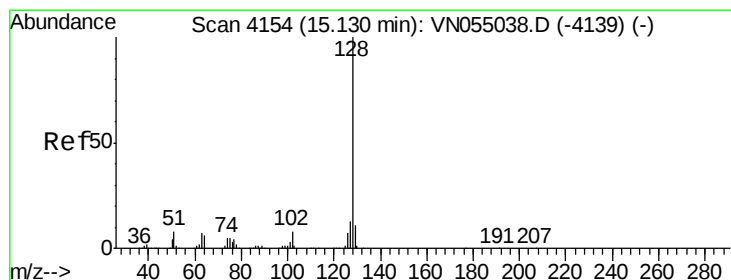
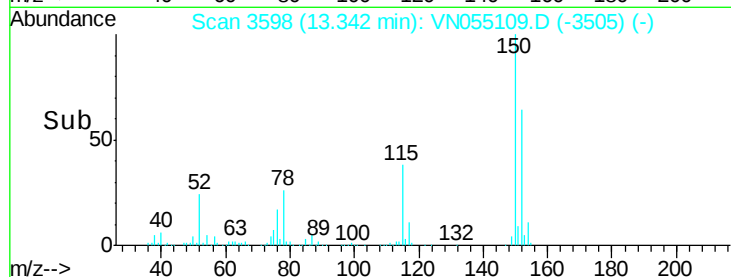
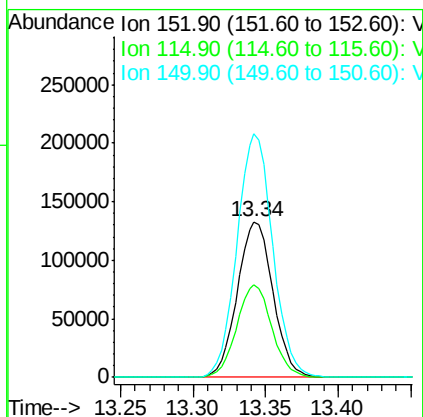
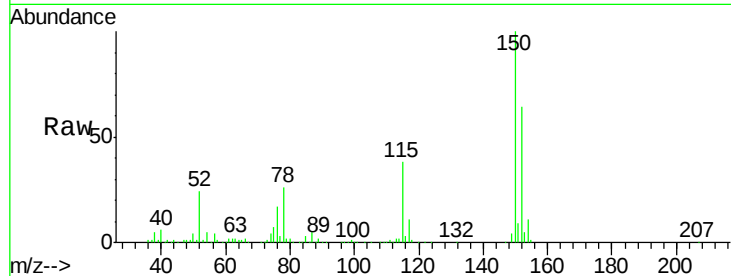


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055109.D
Acq: 17 Apr 2019 16:36

Instrument :
MSVOA_N
ClientSampleId :
OK-02-041619

Tot Ion:152 Resp: 227095
Ion Ratio Lower Upper
152 100
115 58.4 28.5 85.6
150 156.7 0.0 347.2



#95

Naphthalene
Concen: 3.557 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055109.D
Acq: 17 Apr 2019 16:36

Tgt Ion:128 Resp: 4146
Ion Ratio Lower Upper
128 100
127 6.0 10.1 15.1#
129 5.4 8.8 13.2#

