

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055059.D
 Acq On : 15 Apr 2019 22:39
 Operator : JC/SP
 Sample : K2390-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3425

Quant Time: Apr 16 07:15:44 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

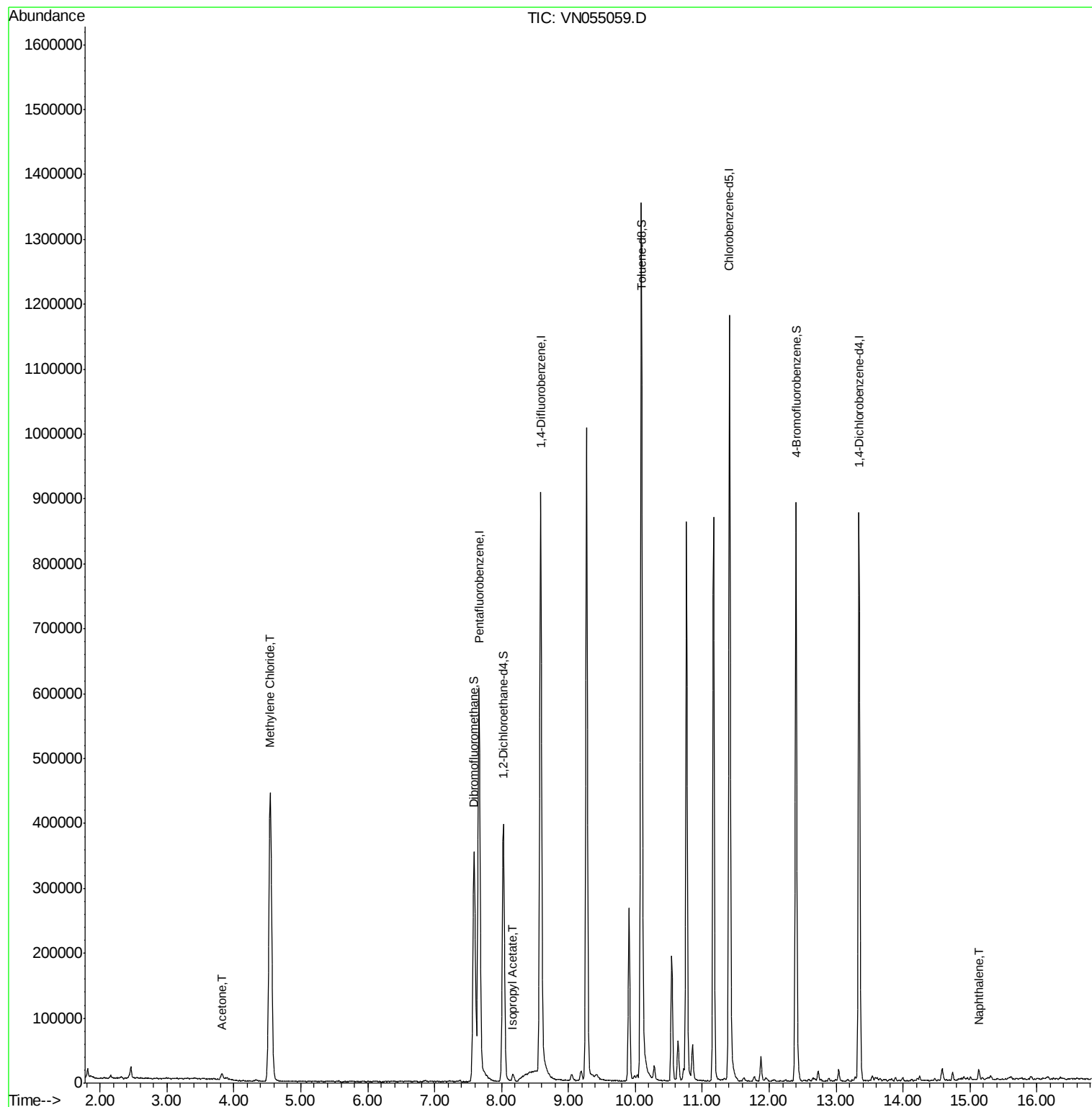
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	539052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	841734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	718349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	235686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	331886	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
35) Dibromofluoromethane	7.59	113	267639	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	10.09	98	1007333	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.40	95	297694	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
16) Acetone	3.82	43	13233	6.804	ug/l #	87
20) Methylene Chloride	4.54	84	310214	45.375	ug/l	97
43) Isopropyl Acetate	8.17	43	13522	1.358	ug/l	97
95) Naphthalene	15.13	128	13435	4.571	ug/l #	97

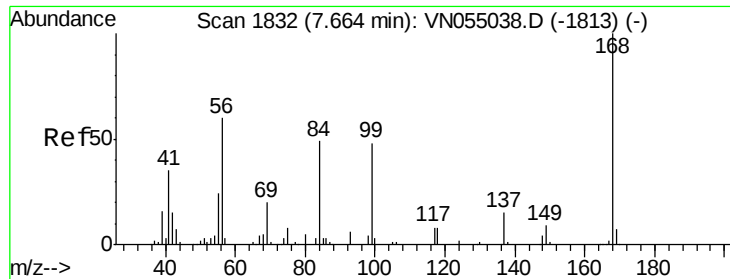
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

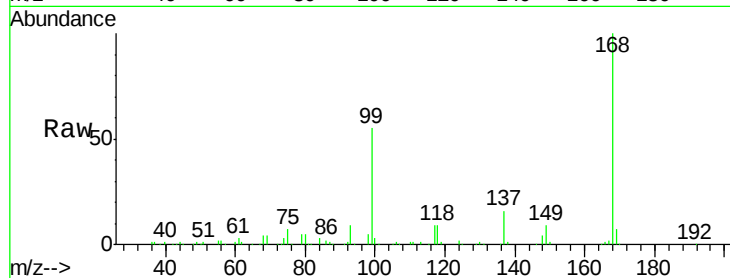
3425

Tot Ion:168 Resp: 539052

Ion Ratio Lower Upper

168 100

99 54.9 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) (-)

7.66

250000

200000

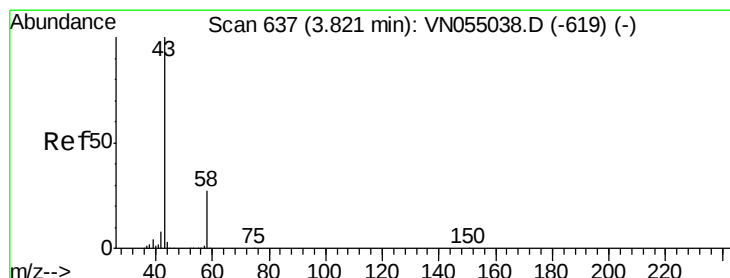
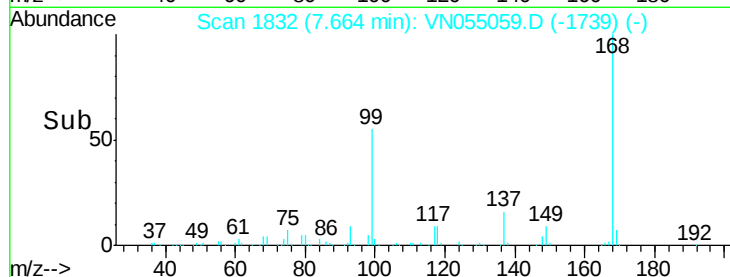
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 6.804 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN055059.D

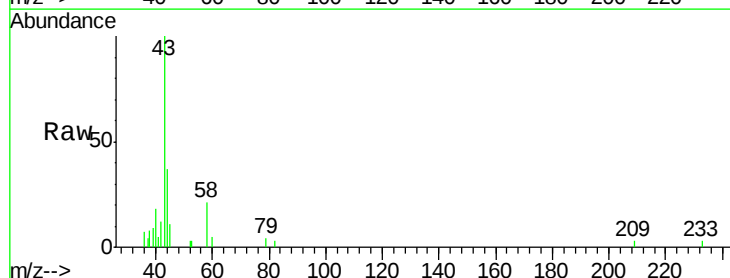
Acq: 15 Apr 2019 22:39

Tgt Ion: 43 Resp: 13233

Ion Ratio Lower Upper

43 100

58 19.2 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) (-)

3.82

6000

5000

4000

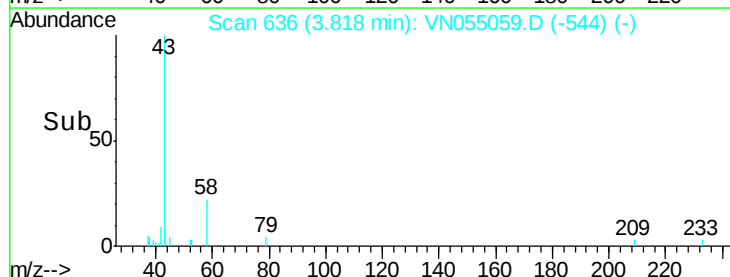
3000

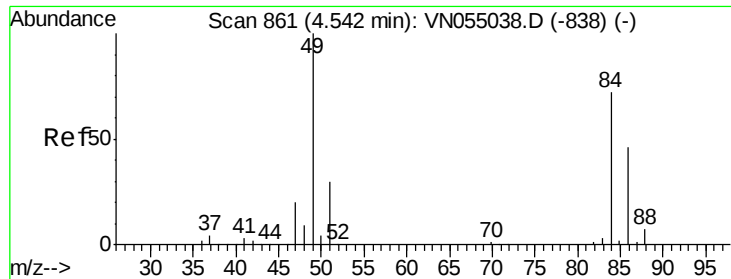
2000

1000

0

Time--> 3.75 3.80 3.85 3.90

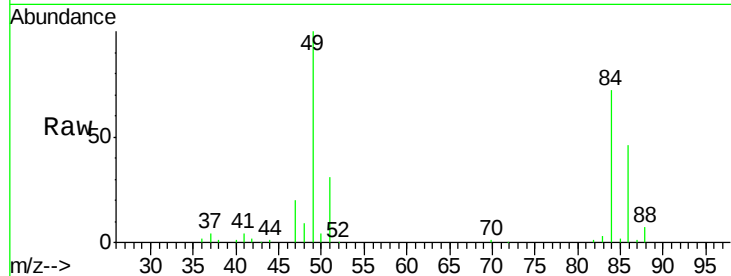




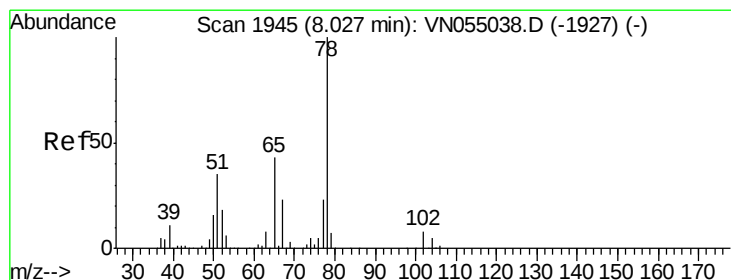
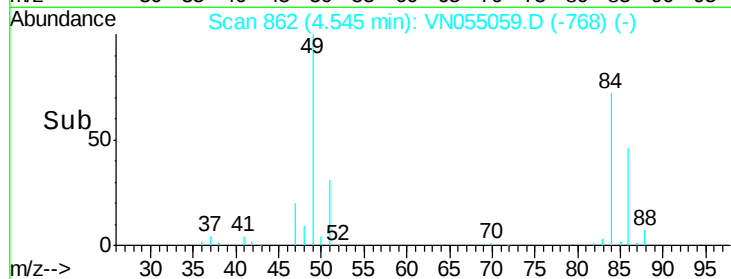
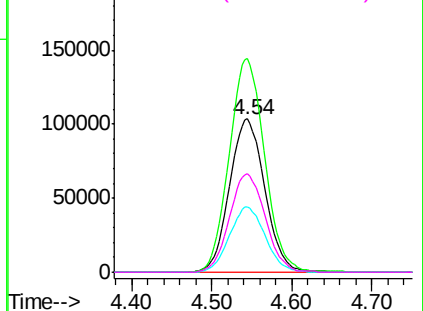
#20
Methvlene Chloride
Concen: 45.375 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055059.D
Acq: 15 Apr 2019 22:39

Instrument :
MSVOA_N
ClientSampled :
3425

Tot Ion: 84 Resp: 310214
Ion Ratio Lower Upper
84 100
49 139.4 109.4 164.2
51 42.9 32.2 48.4
86 64.0 49.3 73.9

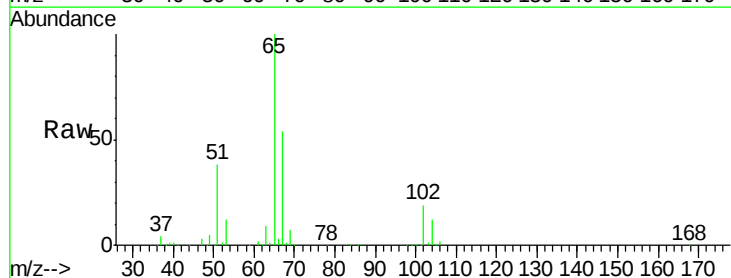


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

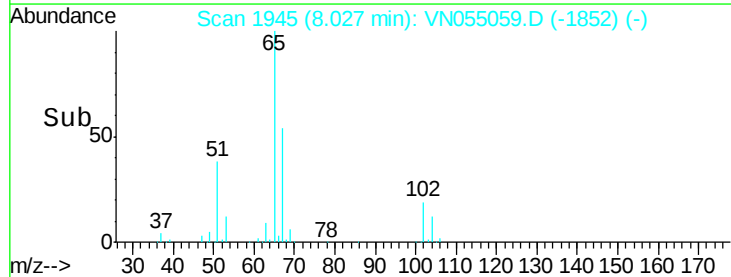
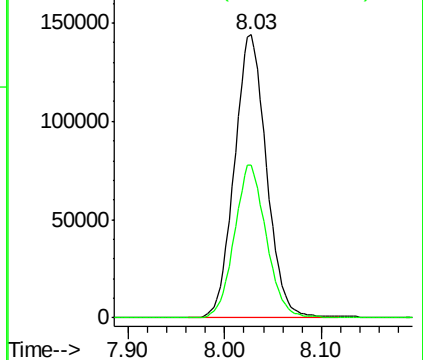


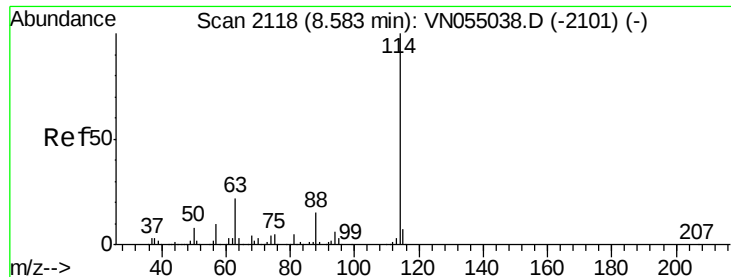
#33
1,2-Dichloroethane-d4
Concen: 46.318 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055059.D
Acq: 15 Apr 2019 22:39

Tgt Ion: 65 Resp: 331886
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

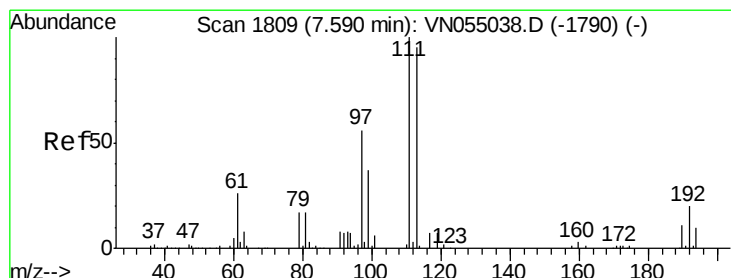
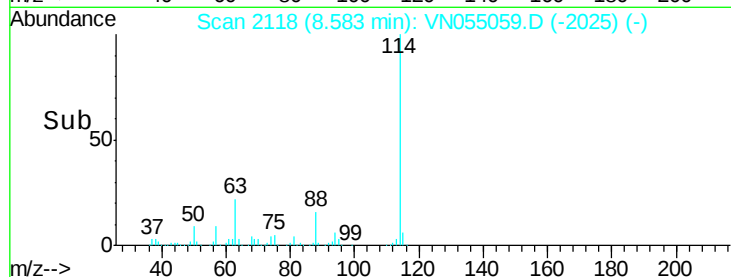
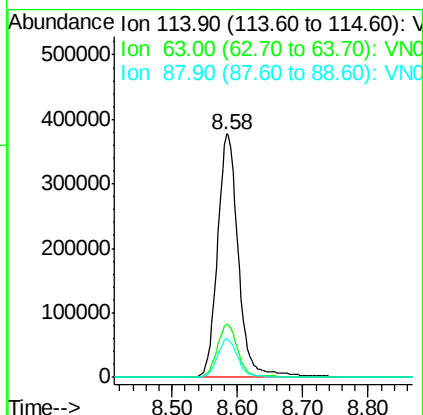
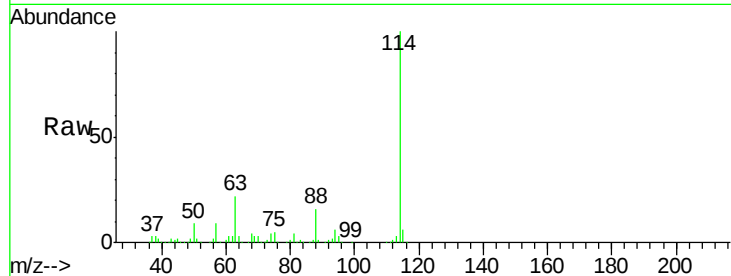




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055059.D
 Acq: 15 Apr 2019 22:39

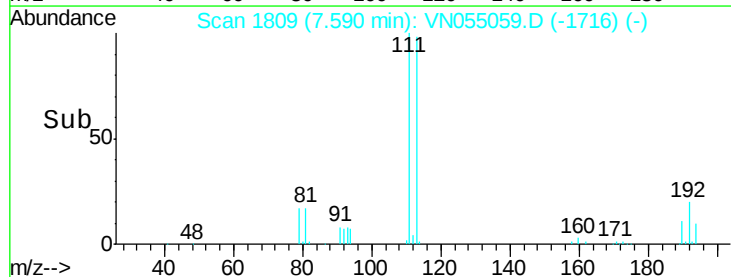
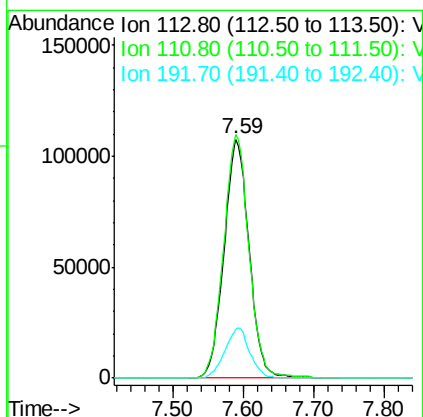
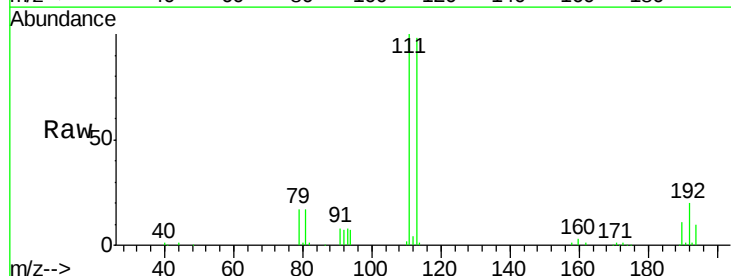
Instrument :
 MSVOA_N
 ClientSampleId :
 3425

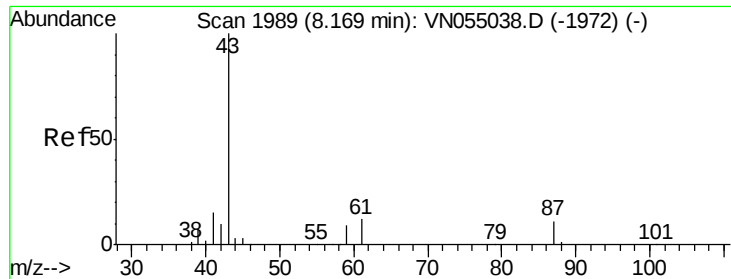
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	45.2
88	15.8	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 47.577 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055059.D
 Acq: 15 Apr 2019 22:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.1	123.1
192	20.8	16.5	24.7





#43

Isopropyl Acetate

Concen: 1.358 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

3425

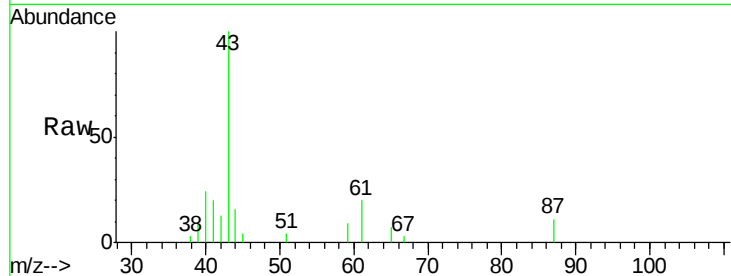
Tot Ion: 43 Resp: 13522

Ion Ratio Lower Upper

43 100

61 19.6 14.3 21.5

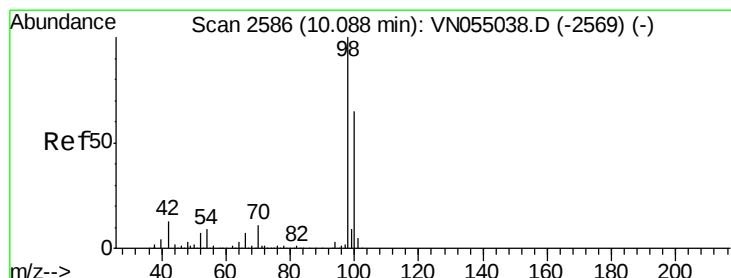
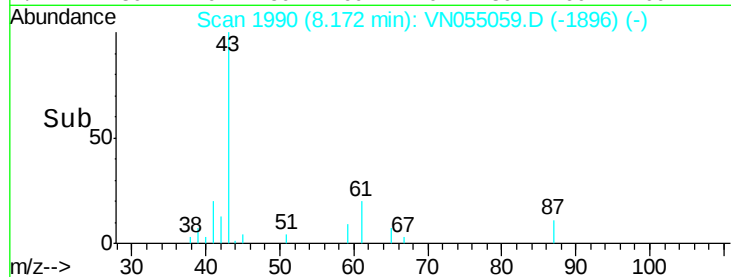
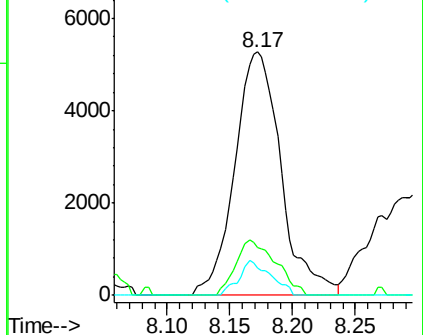
87 9.8 8.6 13.0



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: 50.032 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055059.D

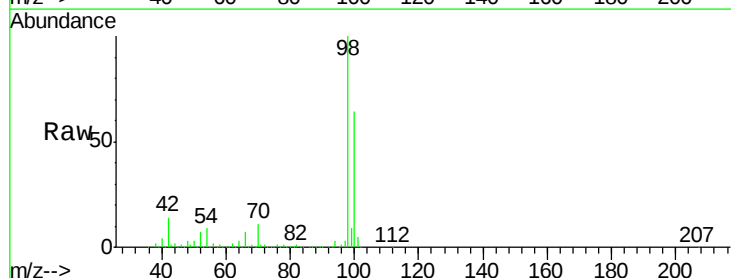
Acq: 15 Apr 2019 22:39

Tgt Ion: 98 Resp: 1007333

Ion Ratio Lower Upper

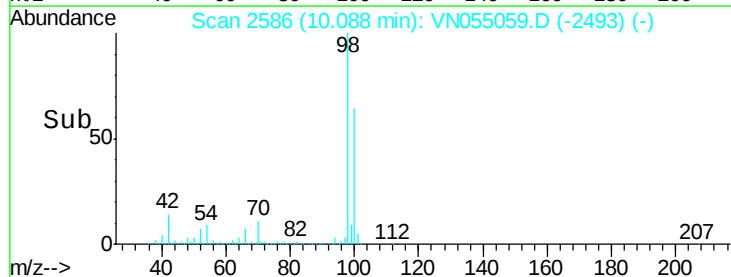
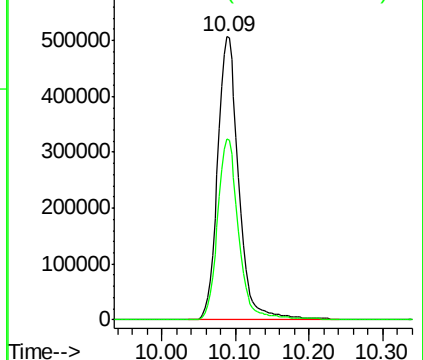
98 100

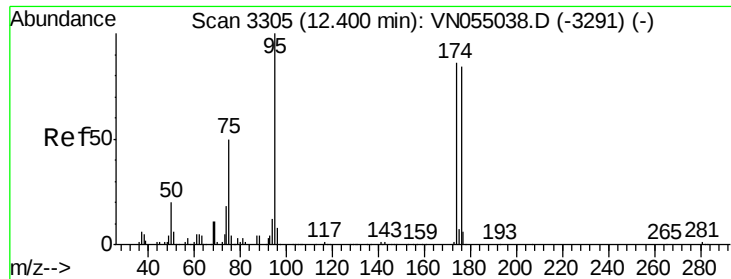
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.481 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

3425

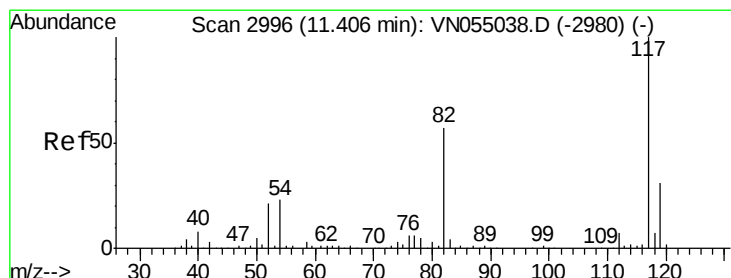
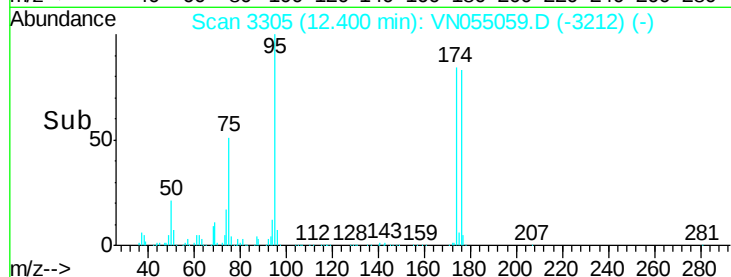
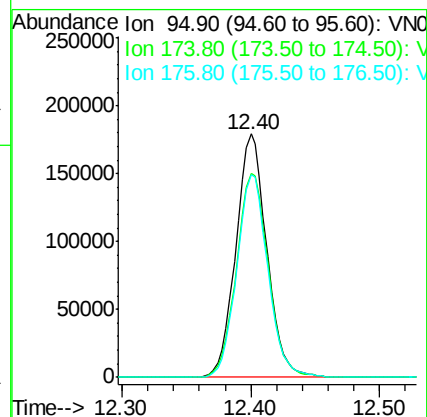
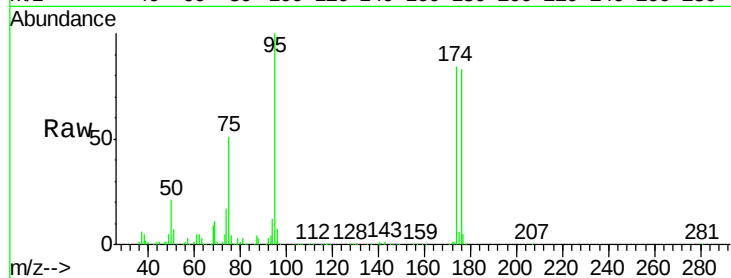
Tot Ion: 95 Resp: 297694

Ion Ratio Lower Upper

95 100

174 86.9 0.0 174.4

176 84.1 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: VN055059.D

Acq: 15 Apr 2019 22:39

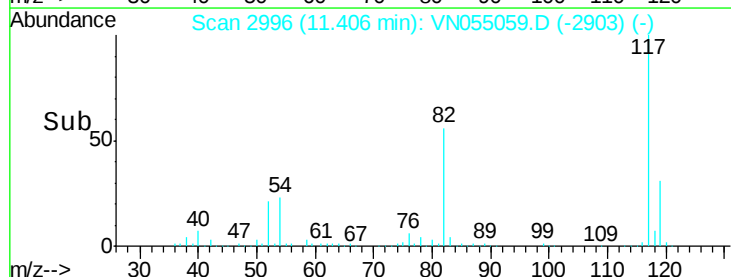
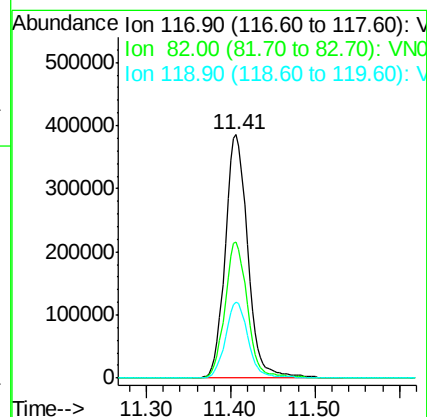
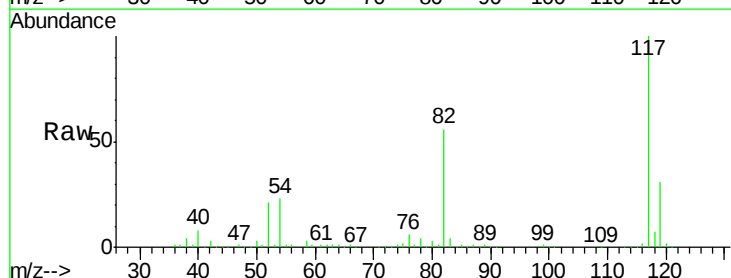
Tgt Ion: 117 Resp: 718349

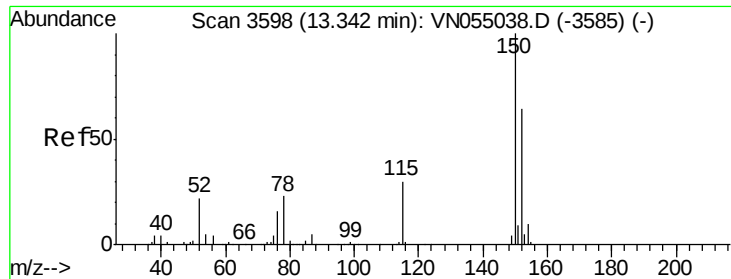
Ion Ratio Lower Upper

117 100

82 56.0 44.6 66.8

119 31.4 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: VN055059.D

Acq: 15 Apr 2019 22:39

Instrument :

MSVOA_N

ClientSampleId :

3425

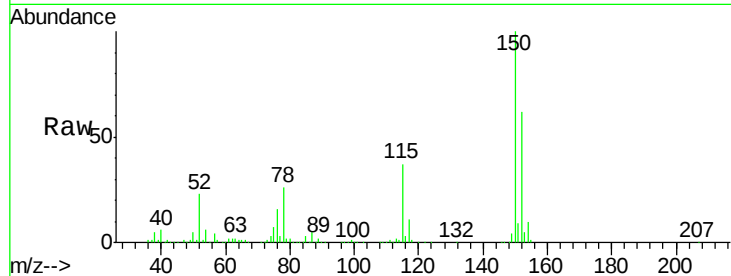
Tot Ion:152 Resp: 235686

Ion Ratio Lower Upper

152 100

115 58.3 28.5 85.6

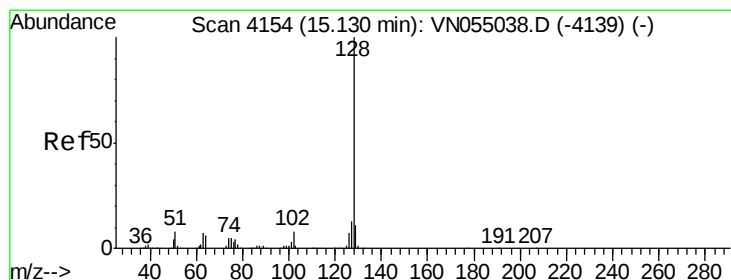
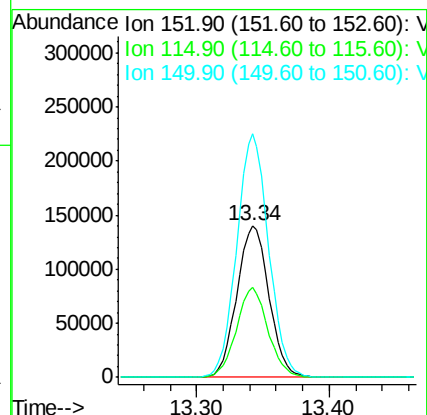
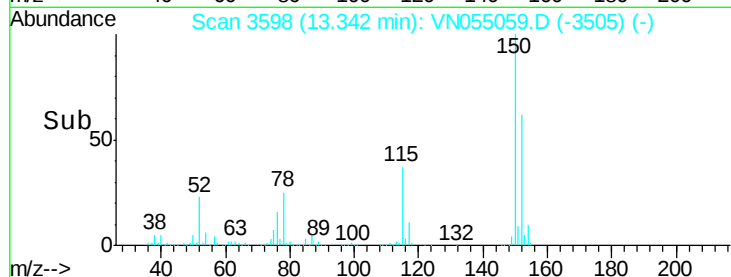
150 158.9 0.0 347.2



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



#95

Naphthalene

Concen: 4.571 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055059.D

Acq: 15 Apr 2019 22:39

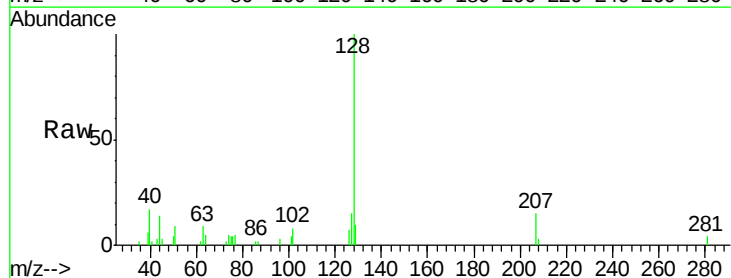
Tgt Ion:128 Resp: 13435

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 13.3 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

