

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
 Data File : VN055187.D
 Acq On : 22 Apr 2019 17:44
 Operator : JC/SP
 Sample : K2515-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Apr 23 06:31:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

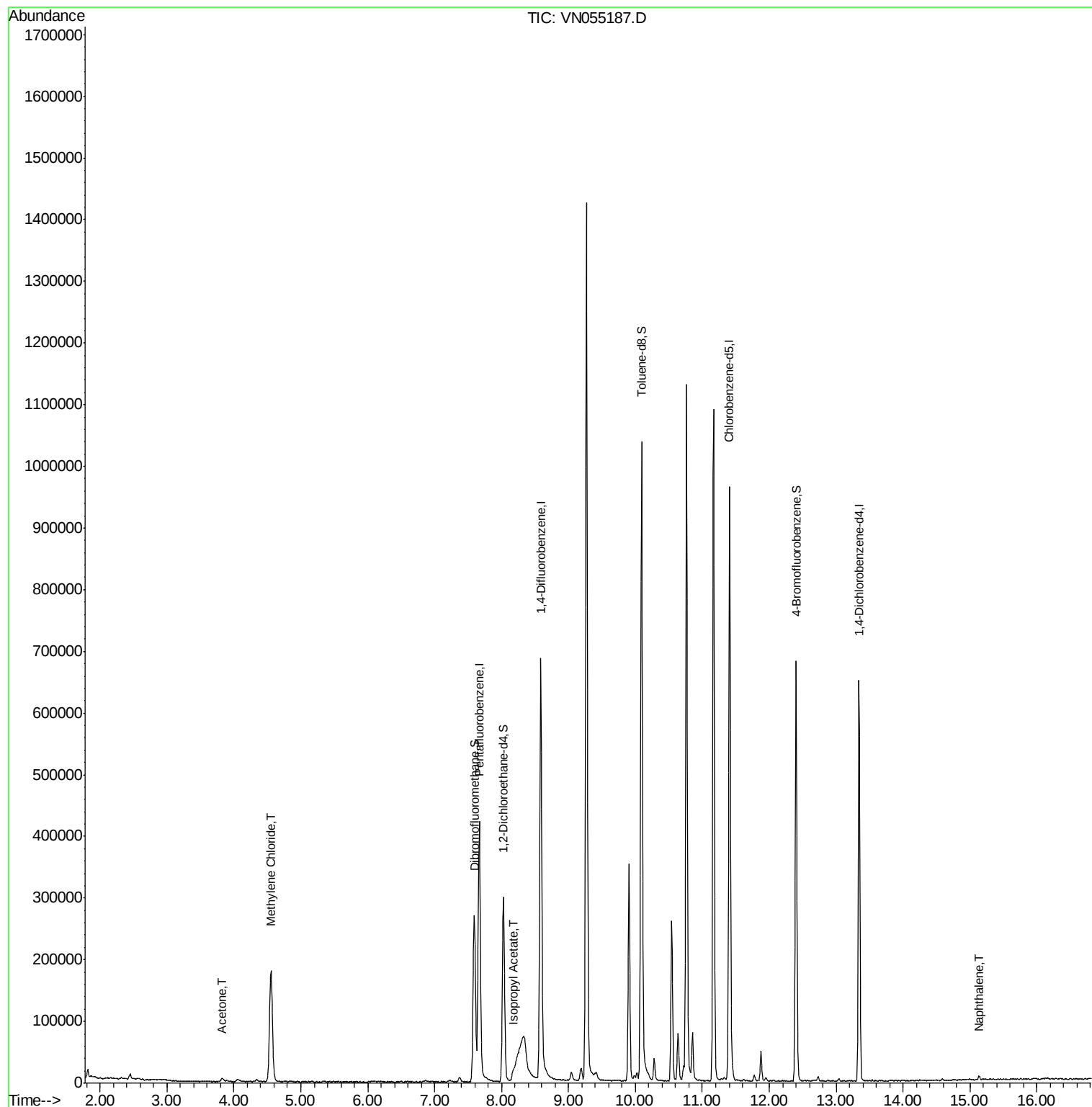
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	368888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	641173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	572004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169118	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	251107	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	7.59	113	209826	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	10.09	98	770003	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.40	95	235708	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
Target Compounds						
16) Acetone	3.83	43	10807	6.547	ug/l	97
20) Methylene Chloride	4.55	84	126796	26.721	ug/l	98
43) Isopropyl Acetate	8.17	43	15454	1.987	ug/l	95
95) Naphthalene	15.13	128	5311	4.301	ug/l	98

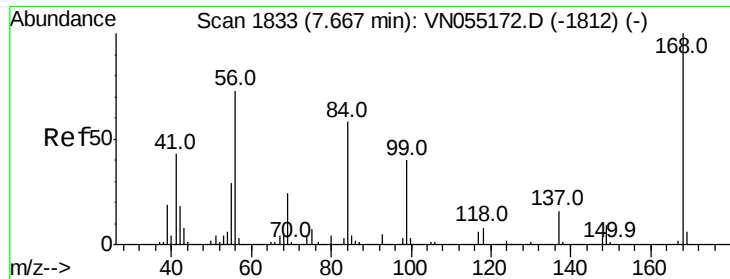
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042219\
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QLast Update : Tue Apr 23 05:52:53 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

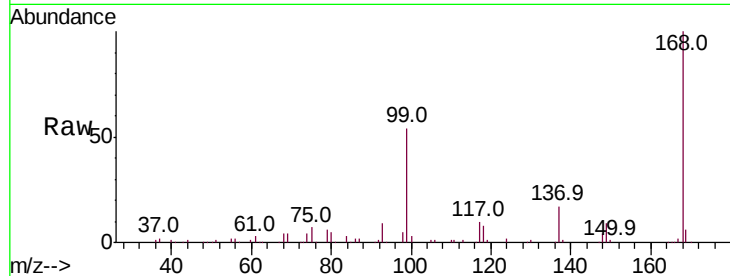
Instrument :
MSVOA_N
ClientSampled :
TP-9

Tot Ion:168 Resp: 368888

Ion Ratio Lower Upper

168 100

99 53.9 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

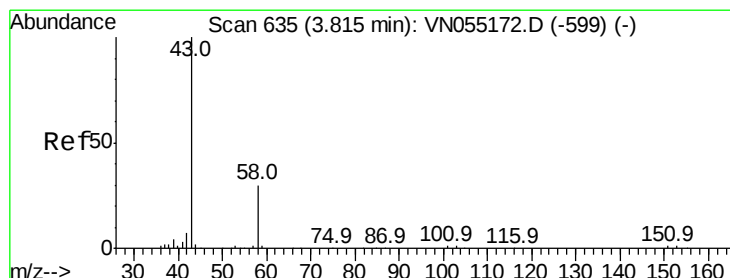
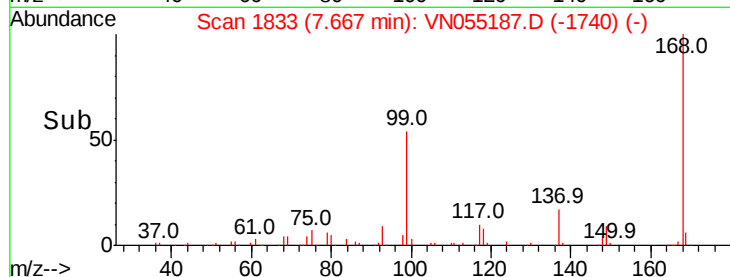
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.547 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055187.D

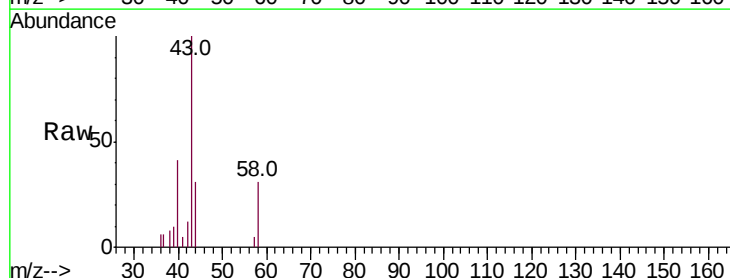
Acq: 22 Apr 2019 17:44

Tgt Ion: 43 Resp: 10807

Ion Ratio Lower Upper

43 100

58 31.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

3000

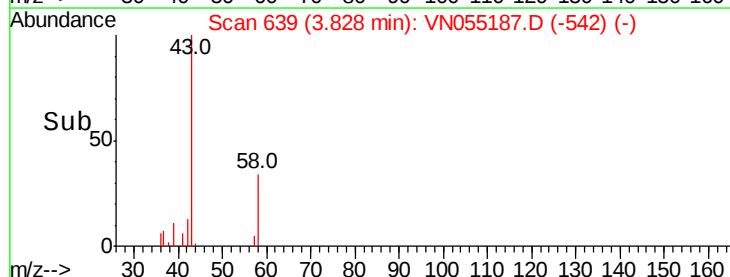
2000

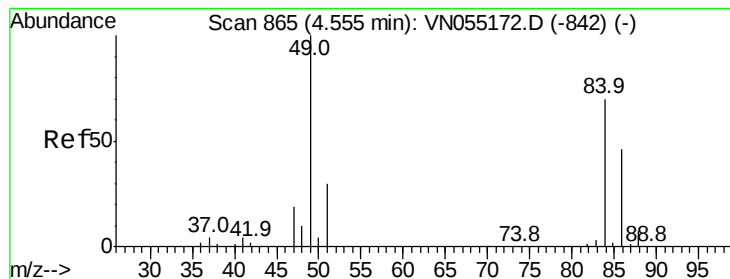
1000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 26.721 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :
MSVOA_N
ClientSampled :
TP-9

Tot Ion: 84 Resp: 126796

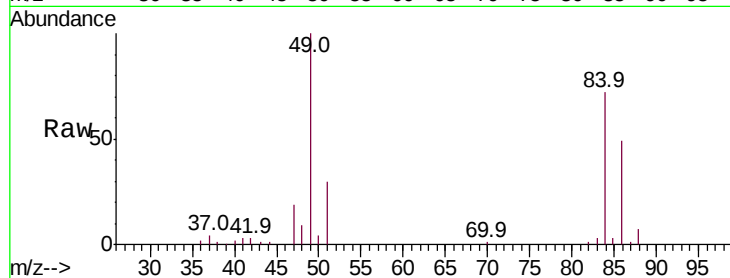
Ion Ratio Lower Upper

84 100

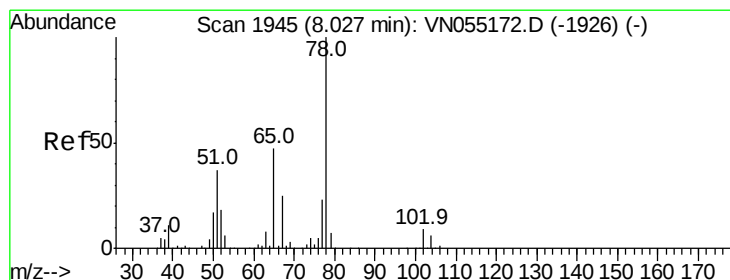
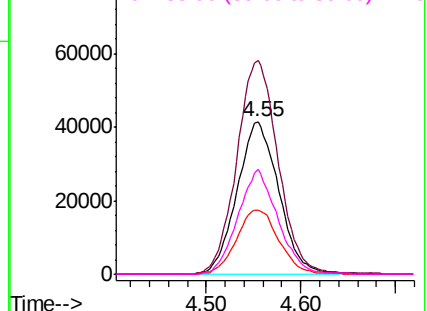
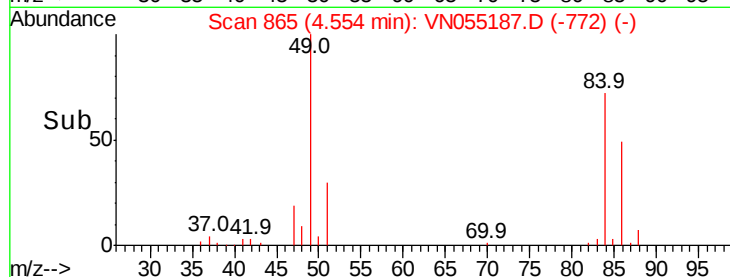
49 139.7 113.8 170.6

51 41.7 34.0 51.0

86 68.6 52.3 78.5



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



#33

1,2-Dichloroethane-d4

Concen: 50.292 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055187.D

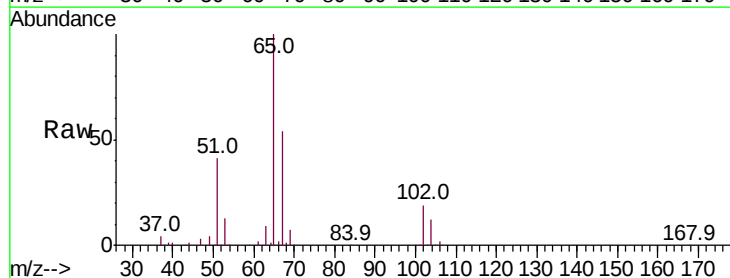
Acq: 22 Apr 2019 17:44

Tgt Ion: 65 Resp: 251107

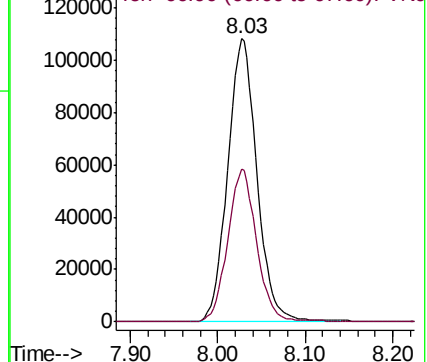
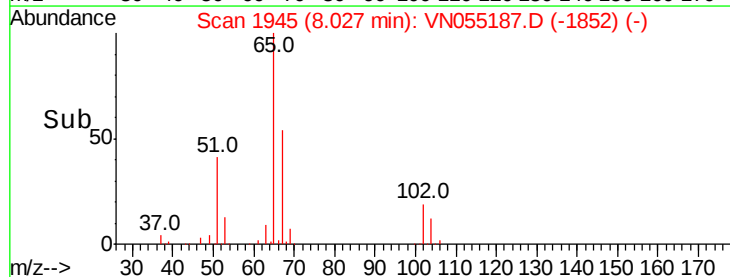
Ion Ratio Lower Upper

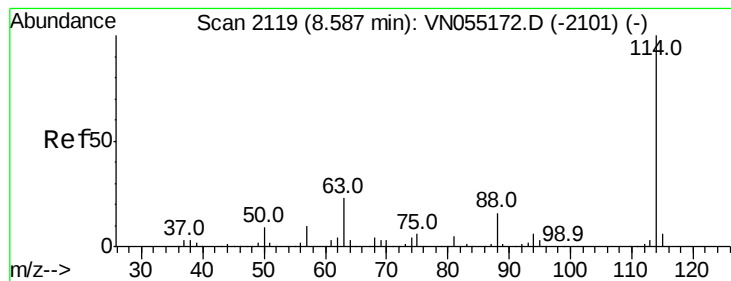
65 100

67 52.9 0.0 108.6



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

TP-9

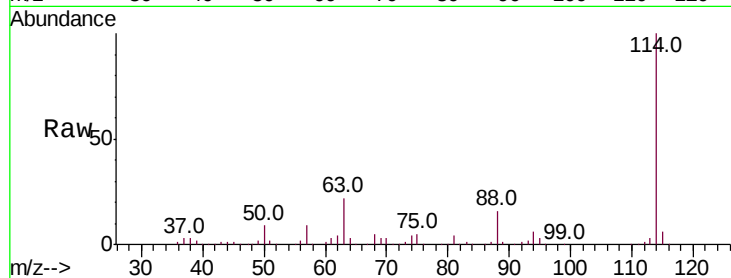
Tot Ion:114 Resp: 641173

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.2

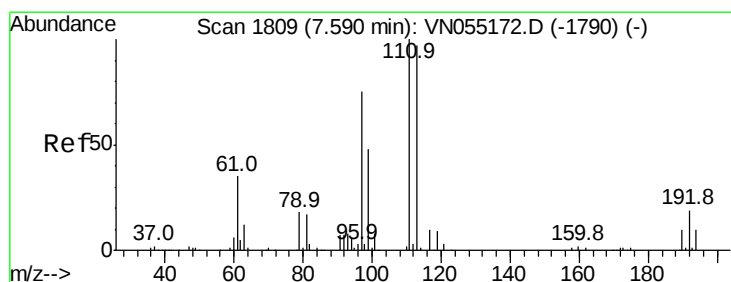
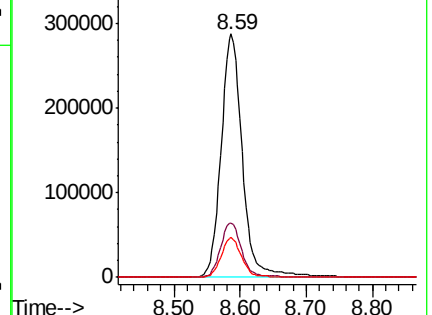
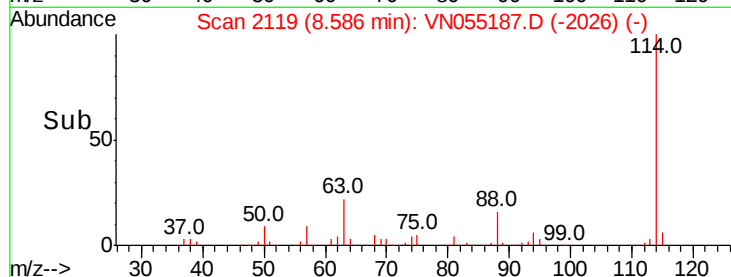
88 16.2 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.172 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

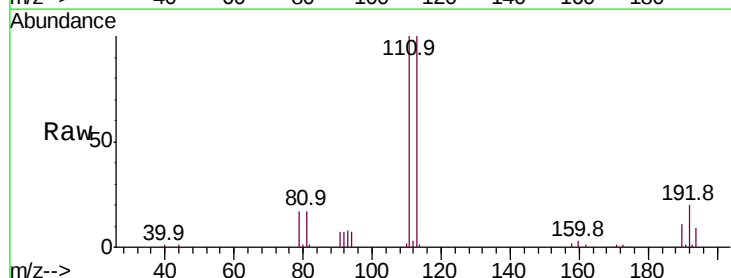
Tgt Ion:113 Resp: 209826

Ion Ratio Lower Upper

113 100

111 101.6 81.0 121.4

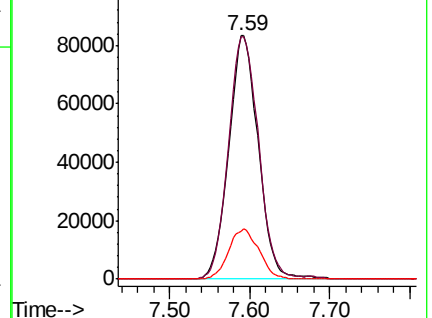
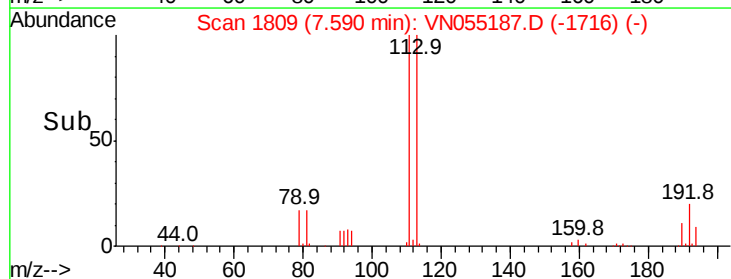
192 21.1 16.2 24.4

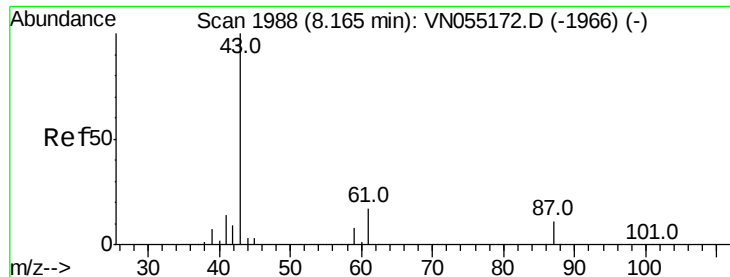


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.987 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

TP-9

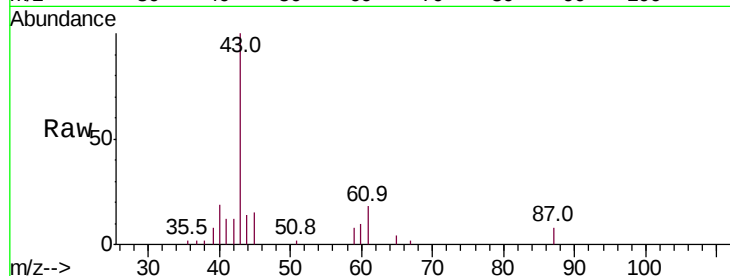
Tot Ion: 43 Resp: 15454

Ion Ratio Lower Upper

43 100

61 22.5 20.6 30.8

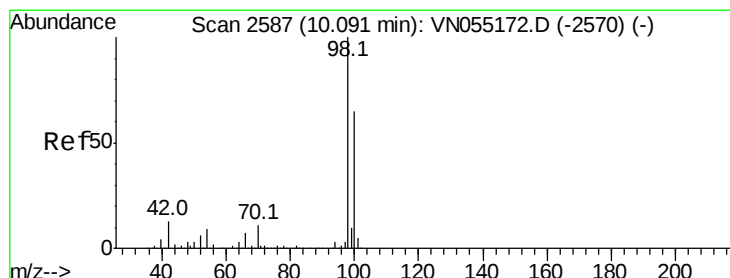
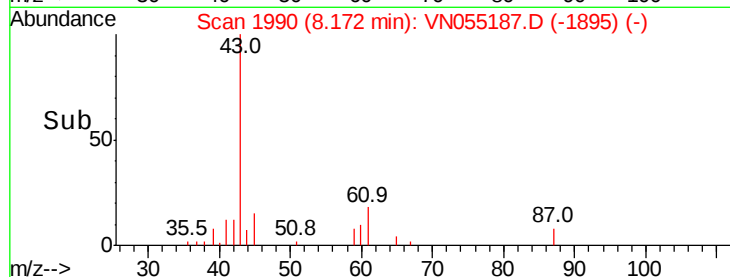
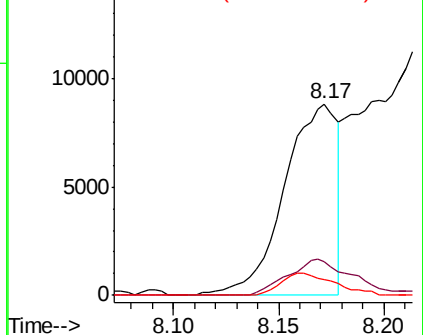
87 11.6 8.8 13.2



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: 47.711 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055187.D

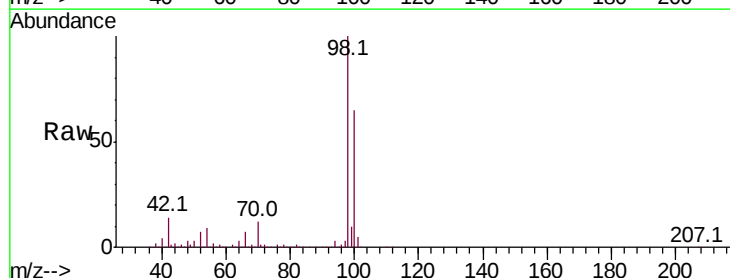
Acq: 22 Apr 2019 17:44

Tgt Ion: 98 Resp: 770003

Ion Ratio Lower Upper

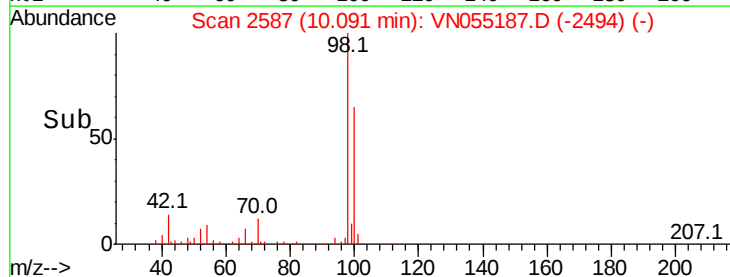
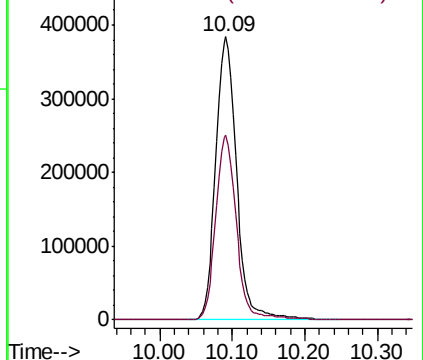
98 100

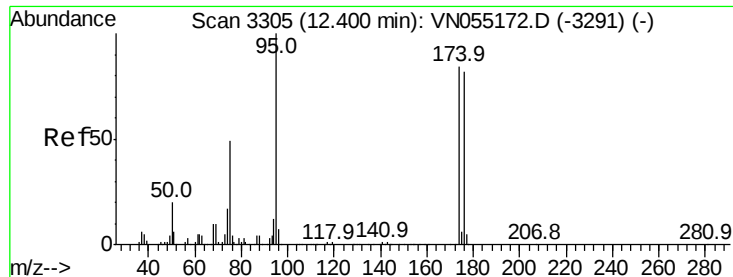
100 64.7 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.120 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

TP-9

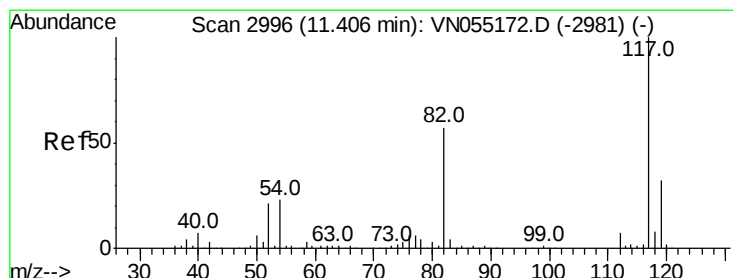
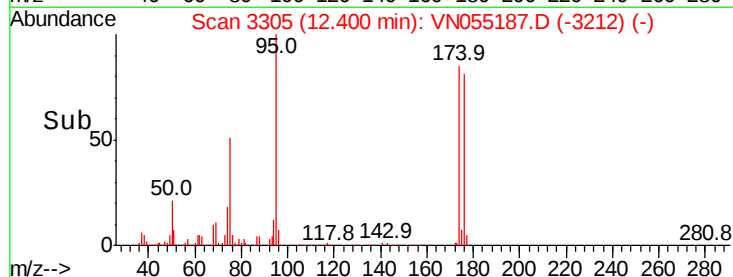
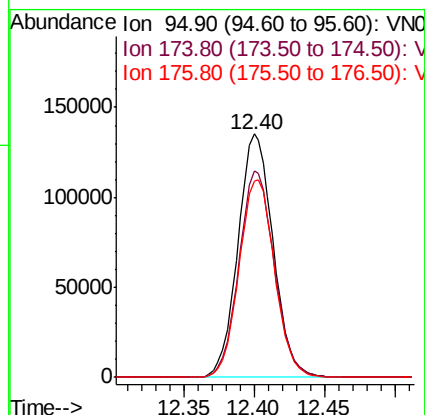
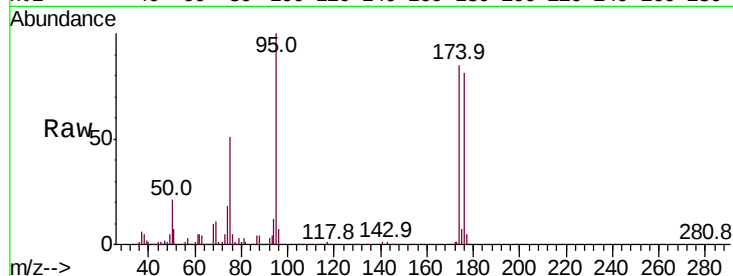
Tot Ion: 95 Resp: 235708

Ion Ratio Lower Upper

95 100

174 85.5 0.0 168.4

176 82.1 0.0 164.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

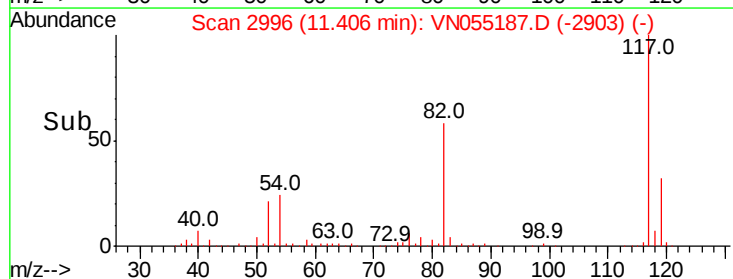
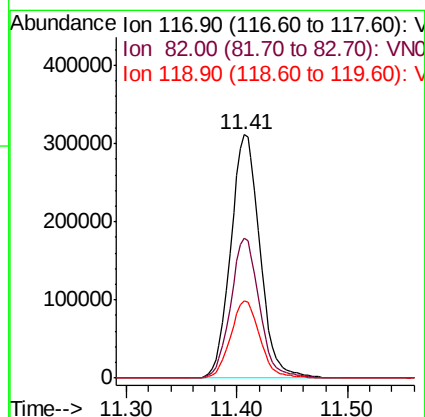
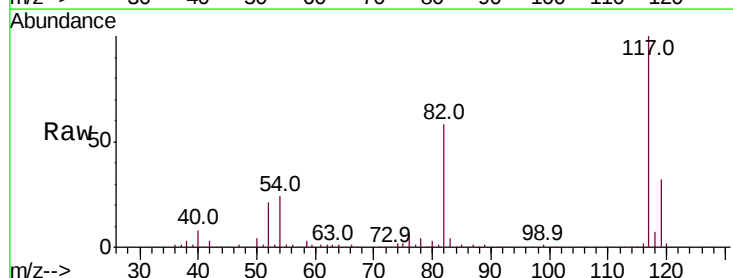
Tgt Ion: 117 Resp: 572004

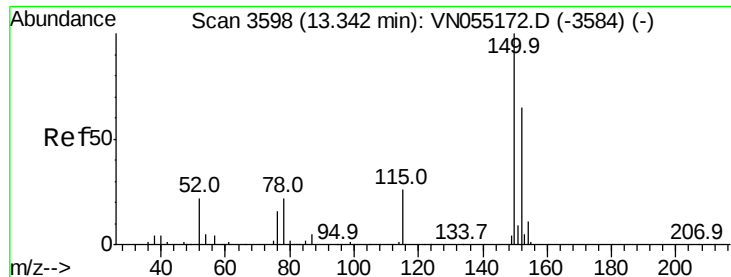
Ion Ratio Lower Upper

117 100

82 57.7 45.7 68.5

119 32.0 25.4 38.2



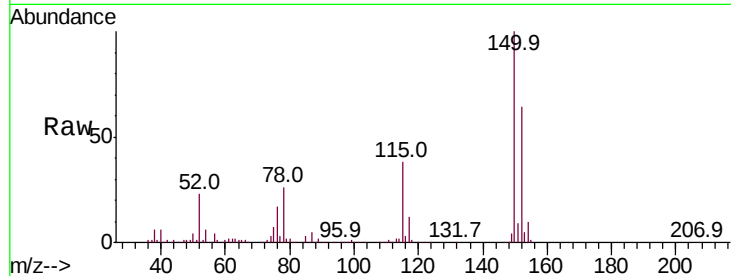


#72

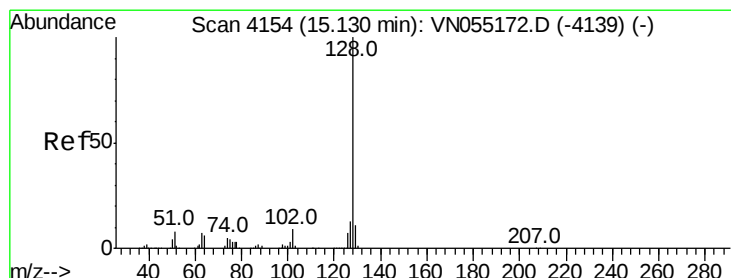
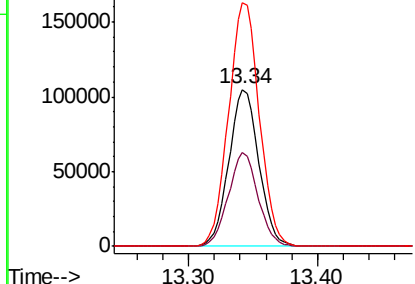
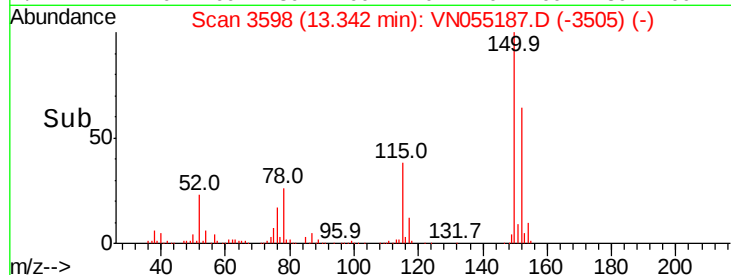
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

Instrument :
MSVOA_N
ClientSampleId :
TP-9

Tot Ion:152 Resp: 169118
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.7
150 158.9 0.0 346.6



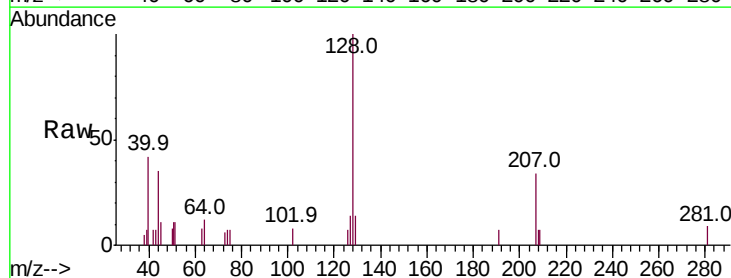
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 4.301 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

Tgt Ion:128 Resp: 5311
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 12.0 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

