

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055247.D
 Acq On : 25 Apr 2019 15:35
 Operator : JC/SP
 Sample : K2553-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200034

Quant Time: Apr 26 03:40:11 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

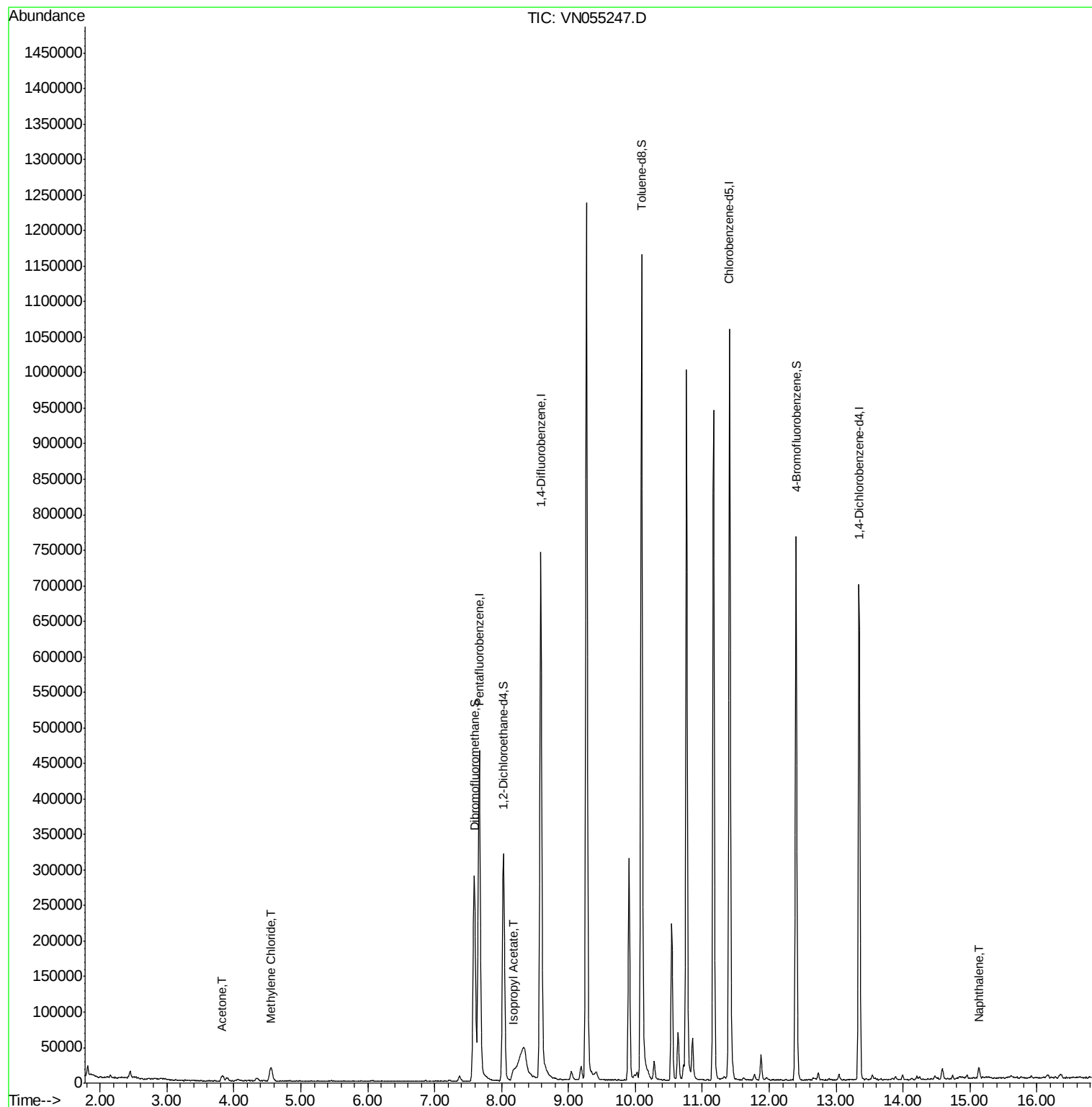
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	395821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	661488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	610582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	191354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	273464	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
35) Dibromofluoromethane	7.59	113	221317	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	10.09	98	837829	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.40	95	259153	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
Target Compounds						
16) Acetone	3.82	43	12718	7.181	ug/l	98
20) Methylene Chloride	4.55	84	13357	2.623	ug/l	89
43) Isopropyl Acetate	8.17	43	25205	3.141	ug/l #	68
95) Naphthalene	15.14	128	14002	5.512	ug/l	96

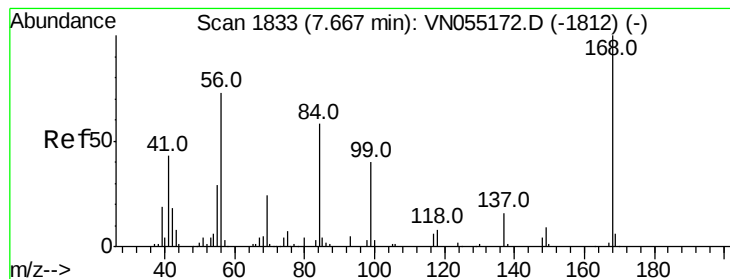
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042519\
Data File : VN055247.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

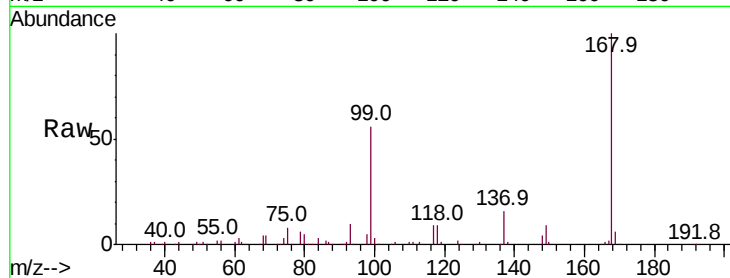
RBR200034

Tot Ion:168 Resp: 395821

Ion Ratio Lower Upper

168 100

99 56.0 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

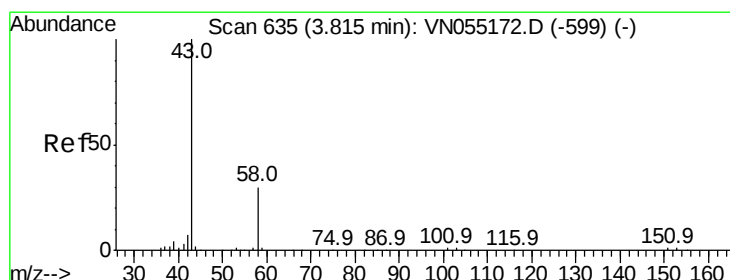
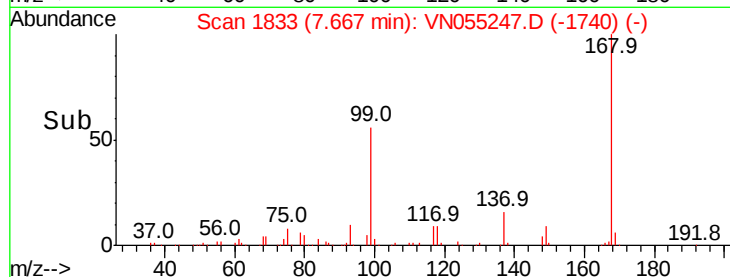
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.181 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055247.D

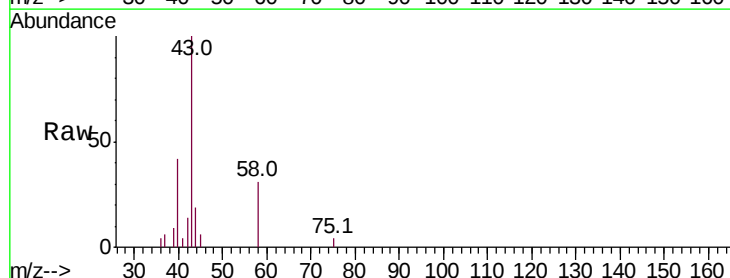
Acq: 25 Apr 2019 15:35

Tgt Ion: 43 Resp: 12718

Ion Ratio Lower Upper

43 100

58 31.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

5000

4000

3000

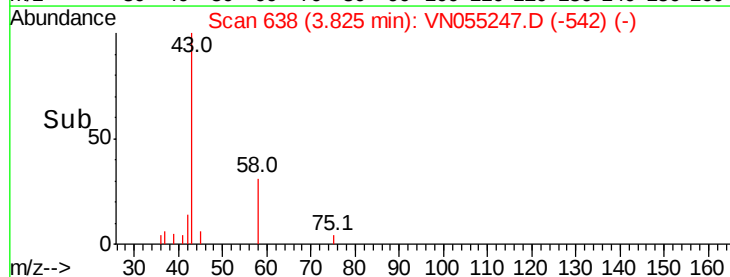
2000

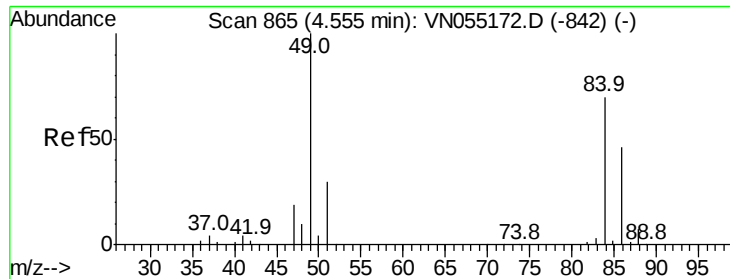
1000

0

3.75 3.80 3.85 3.90

Time-->

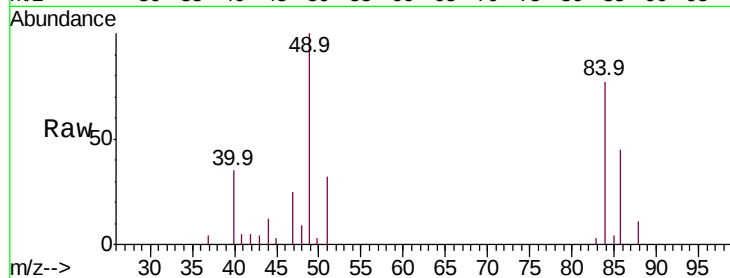




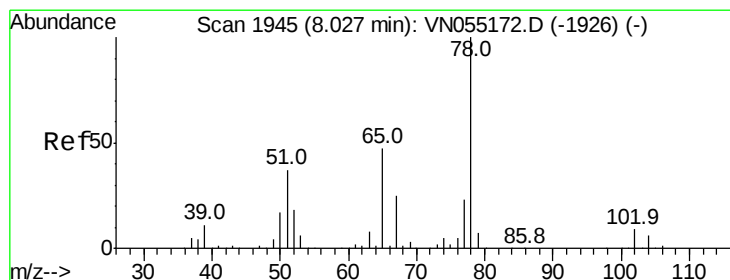
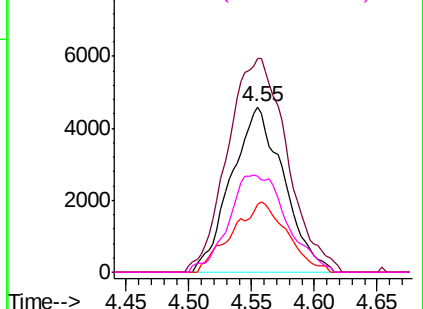
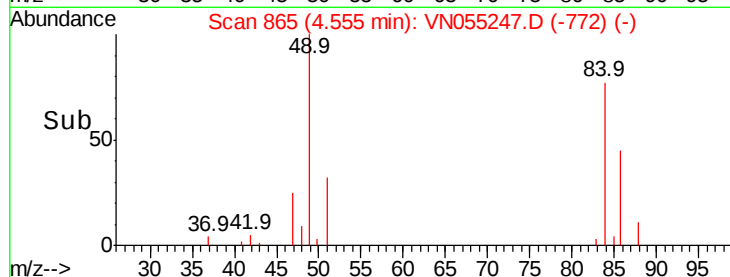
#20
Methylene Chloride
Concen: 2.623 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN055247.D
Acq: 25 Apr 2019 15:35

Instrument :
MSVOA_N
ClientSampled :
RBR200034

Tot Ion: 84 Resp: 13357
Ion Ratio Lower Upper
84 100
49 125.3 113.8 170.6
51 41.1 34.0 51.0
86 58.0 52.3 78.5

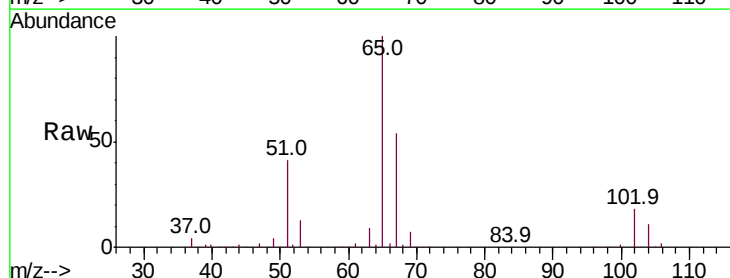


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

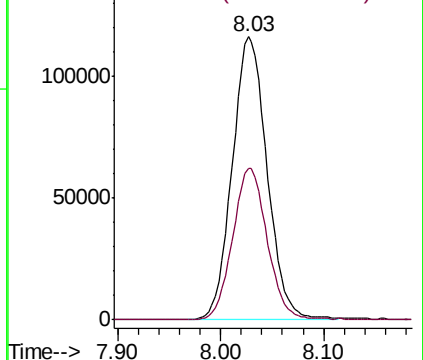
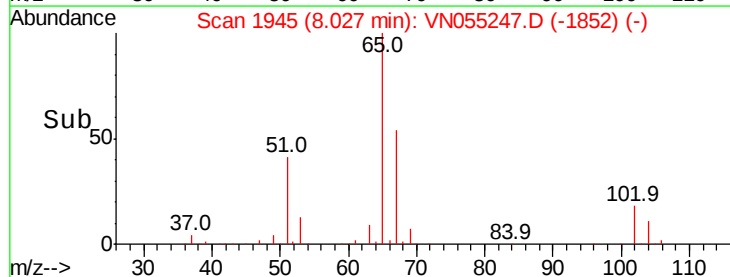


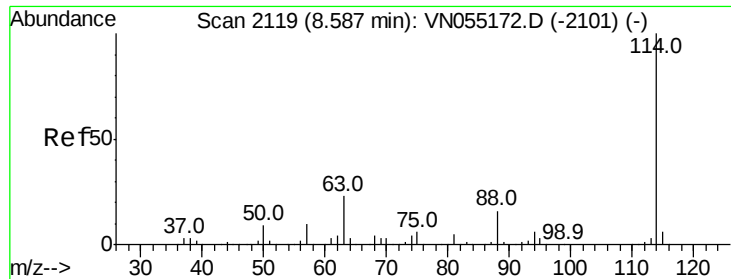
#33
1,2-Dichloroethane-d4
Concen: 51.043 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055247.D
Acq: 25 Apr 2019 15:35

Tgt Ion: 65 Resp: 273464
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.6



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

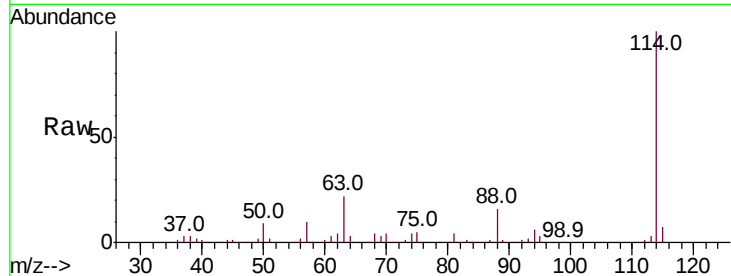




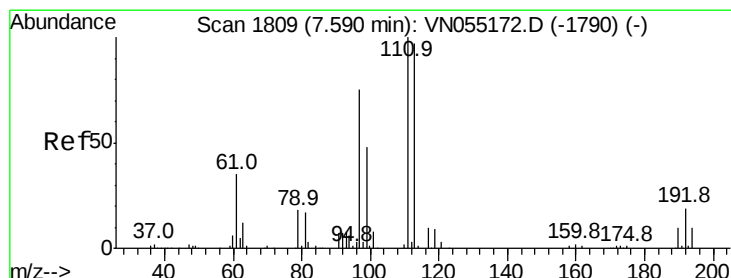
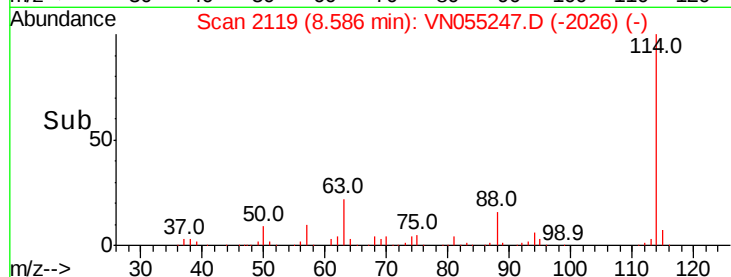
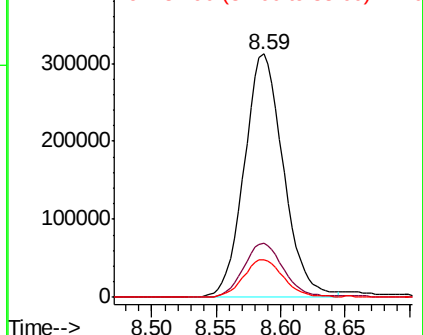
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055247.D
 Acq: 25 Apr 2019 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200034

Tot Ion:	114	Resp:	661488
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.2
88	15.5	0.0	32.8

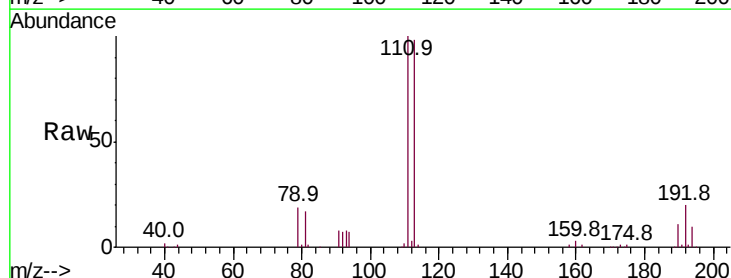


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

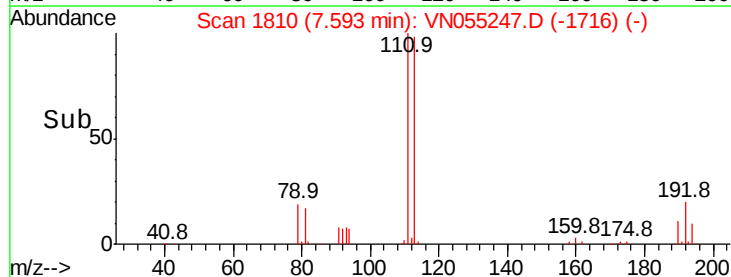
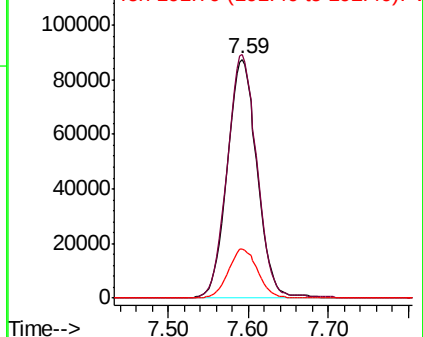


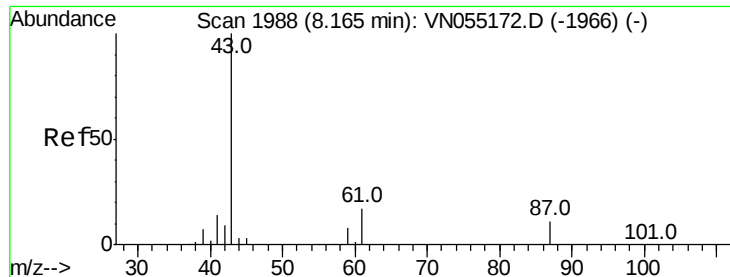
#35
 Dibromofluoromethane
 Concen: 49.249 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055247.D
 Acq: 25 Apr 2019 15:35

Tgt Ion:	113	Resp:	221317
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.0	121.4
192	20.4	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: 3.141 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

RBR200034

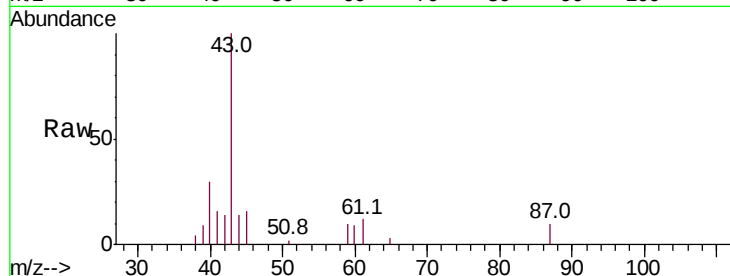
Tot Ion: 43 Resp: 25205

Ion Ratio Lower Upper

43 100

61 6.7 20.6 30.8#

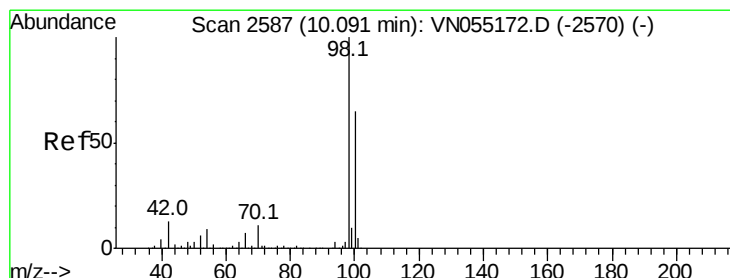
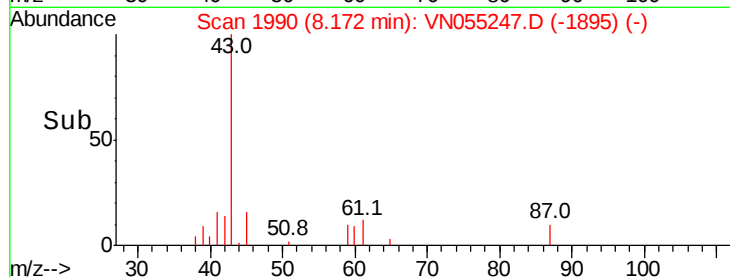
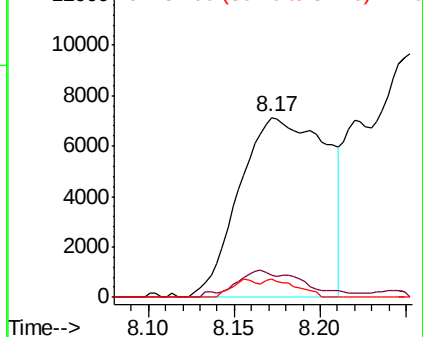
87 3.6 8.8 13.2#



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: 50.320 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055247.D

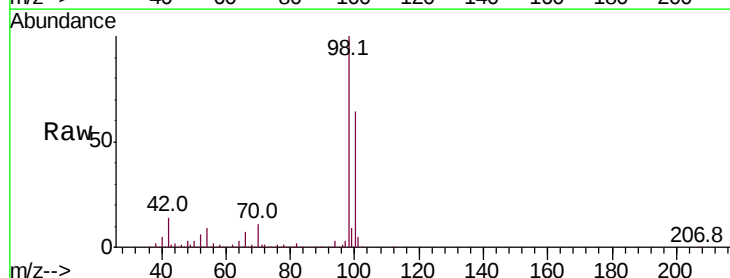
Acq: 25 Apr 2019 15:35

Tgt Ion: 98 Resp: 837829

Ion Ratio Lower Upper

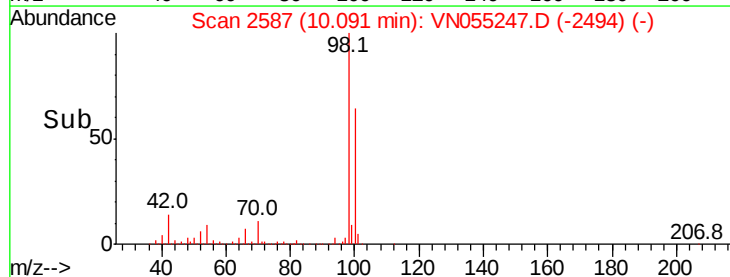
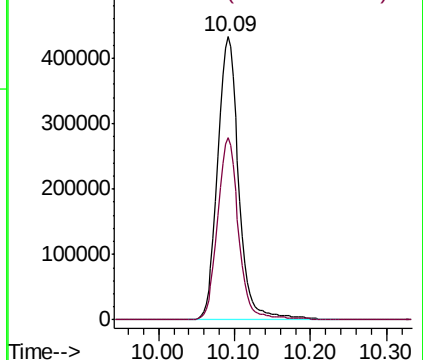
98 100

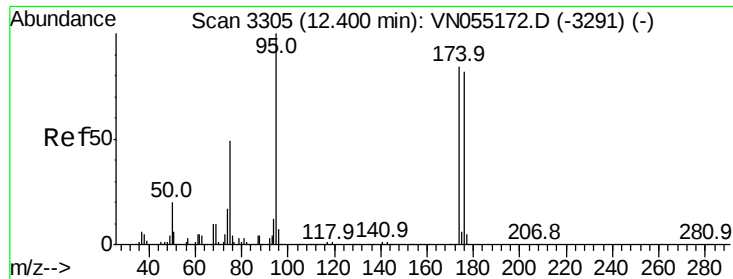
100 63.9 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.150 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

RBR200034

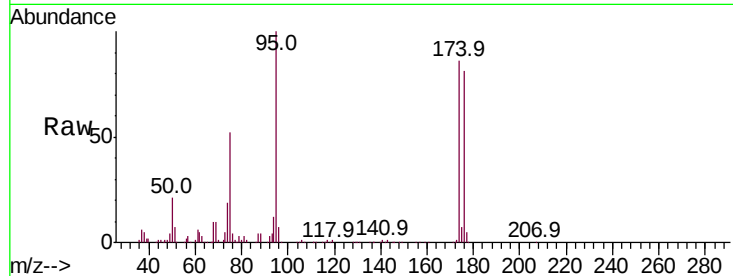
Tot Ion: 95 Resp: 259153

Ion Ratio Lower Upper

95 100

174 86.4 0.0 168.4

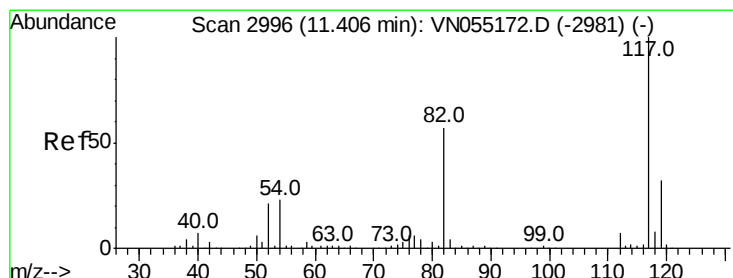
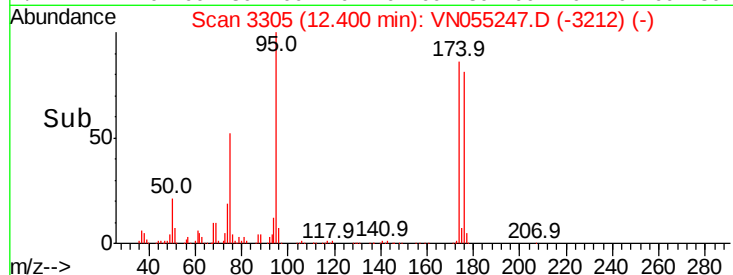
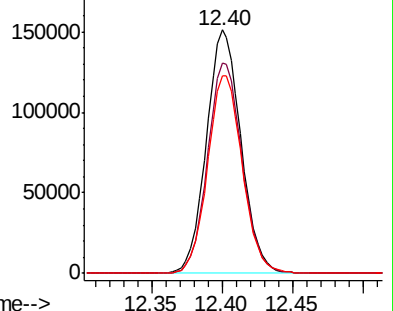
176 81.8 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN055172.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055172.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055172.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

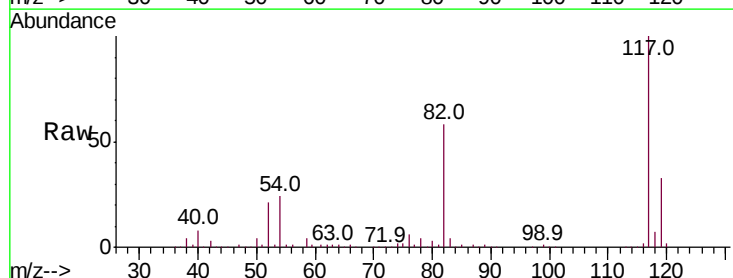
Tgt Ion: 117 Resp: 610582

Ion Ratio Lower Upper

117 100

82 58.2 45.7 68.5

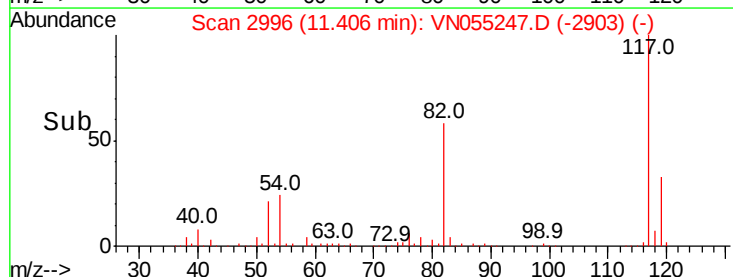
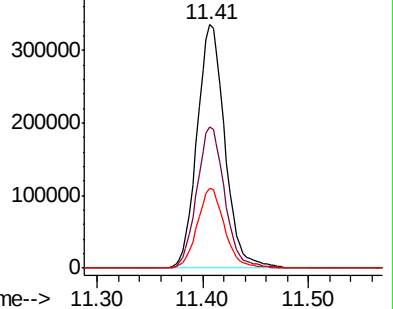
119 32.8 25.4 38.2

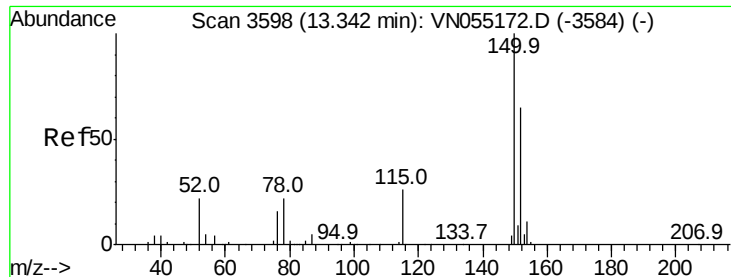


Abundance Ion 116.90 (116.60 to 117.60): VN055172.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055172.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055172.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

Instrument :

MSVOA_N

ClientSampled :

RBR200034

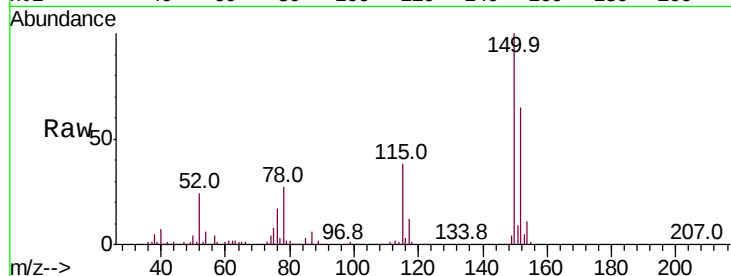
Tot Ion:152 Resp: 191354

Ion Ratio Lower Upper

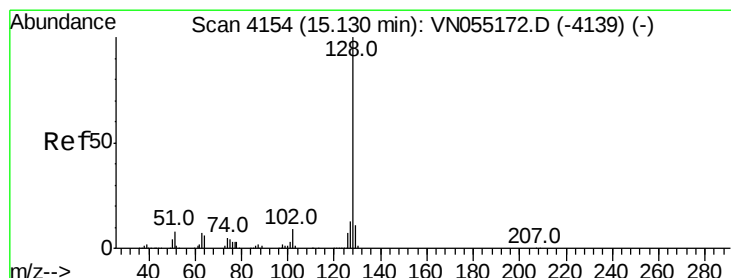
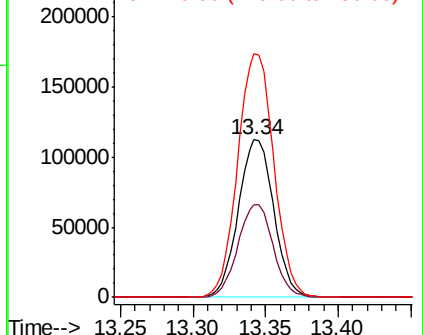
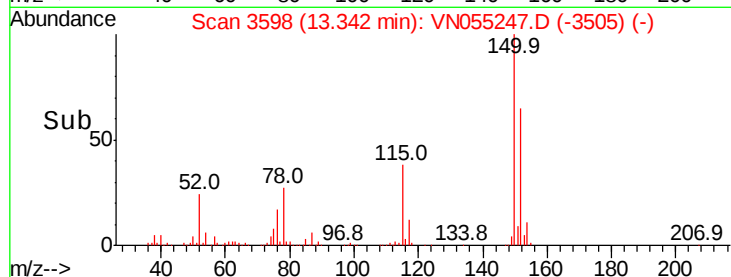
152 100

115 58.3 28.9 86.7

150 157.6 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: 5.512 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055247.D

Acq: 25 Apr 2019 15:35

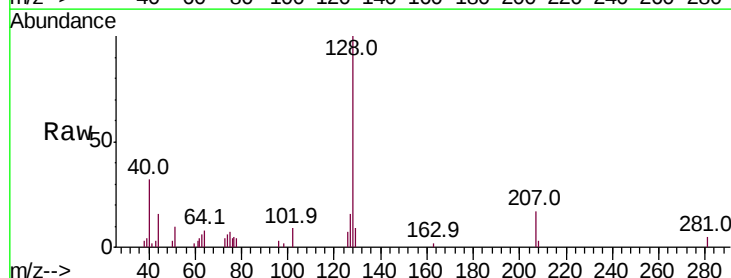
Tgt Ion:128 Resp: 14002

Ion Ratio Lower Upper

128 100

127 14.8 10.3 15.5

129 9.8 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

