

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055240.D
 Acq On : 25 Apr 2019 12:05
 Operator : JC/SP
 Sample : K2553-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200051

Quant Time: Apr 26 03:15:32 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

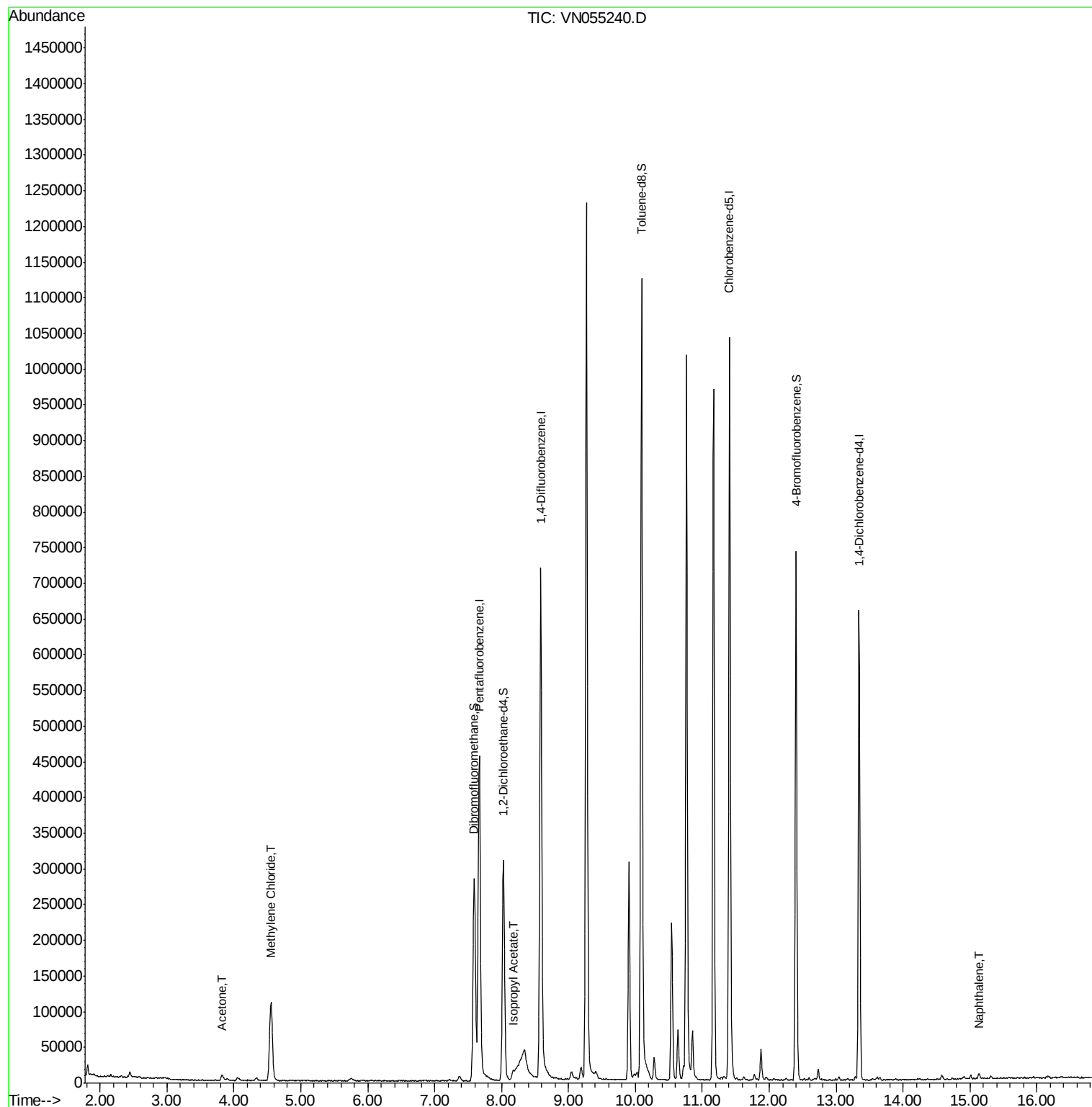
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	390865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	644091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	603977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	260651	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
35) Dibromofluoromethane	7.59	113	219543	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
50) Toluene-d8	10.09	98	824628	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	251627	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
Target Compounds						
16) Acetone	3.82	43	11524	6.589	ug/l	96
20) Methylene Chloride	4.55	84	76002	15.116	ug/l	99
43) Isopropyl Acetate	8.17	43	17462	2.235	ug/l #	74
95) Naphthalene	15.13	128	6511	4.442	ug/l	96

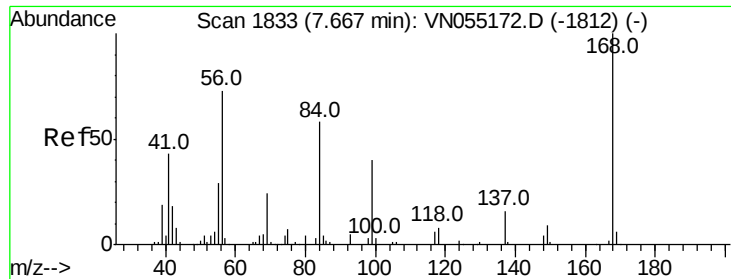
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

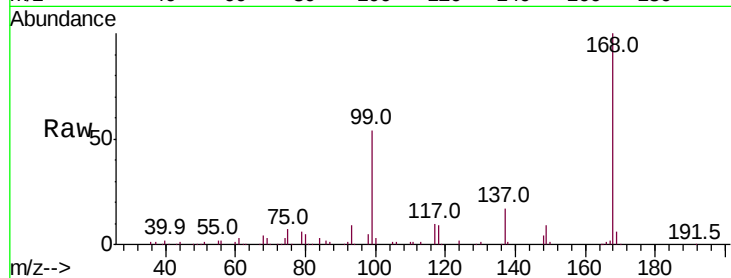
RBR200051

Tot Ion:168 Resp: 390865

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): VNO

7.67

150000

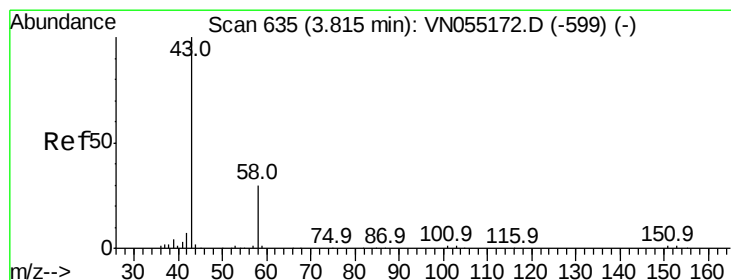
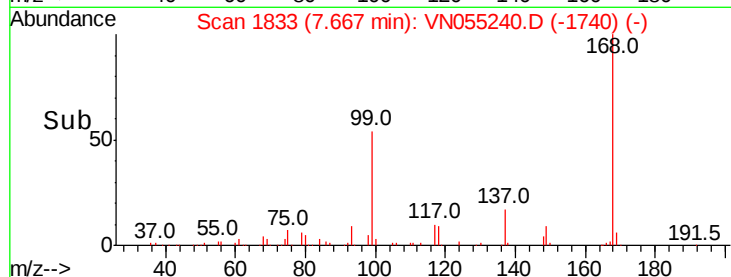
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 6.589 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055240.D

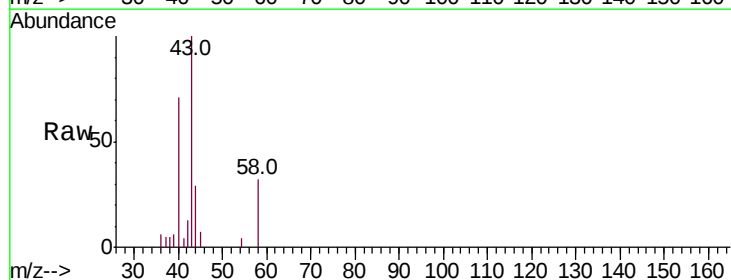
Acq: 25 Apr 2019 12:05

Tgt Ion: 43 Resp: 11524

Ion Ratio Lower Upper

43 100

58 31.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

4000

3000

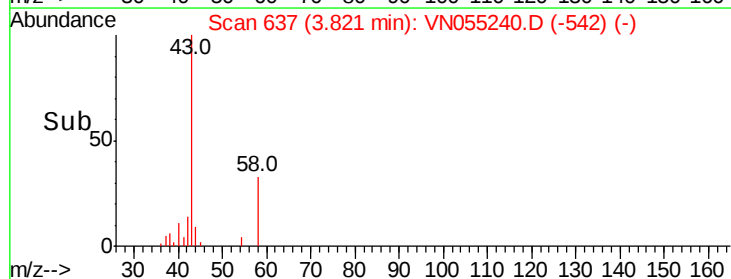
2000

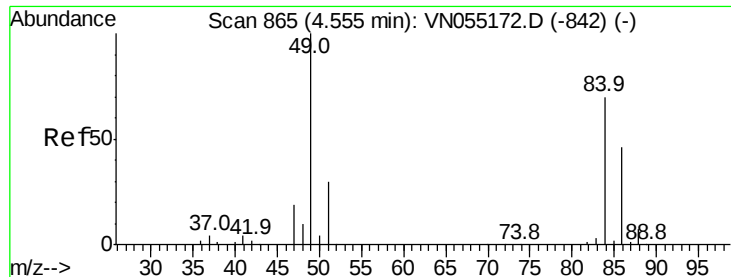
1000

0

Time-->

3.75 3.80 3.85 3.90

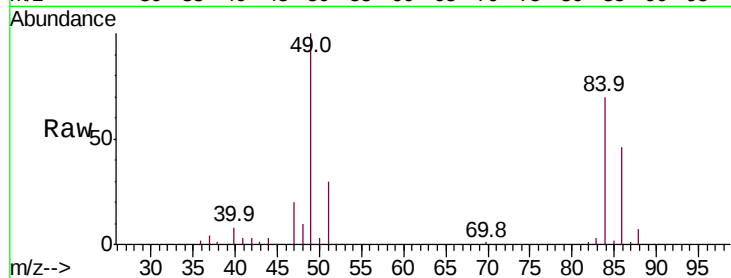




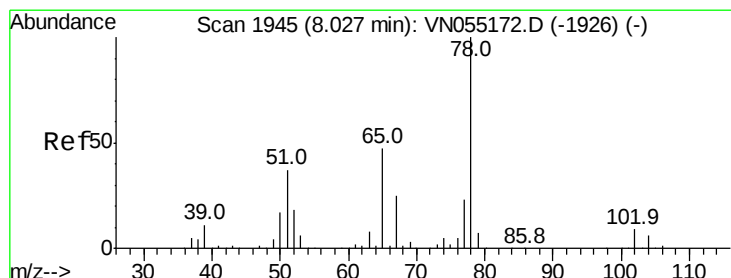
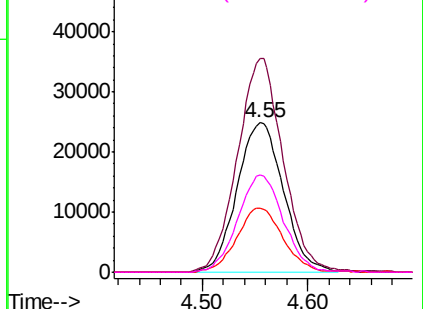
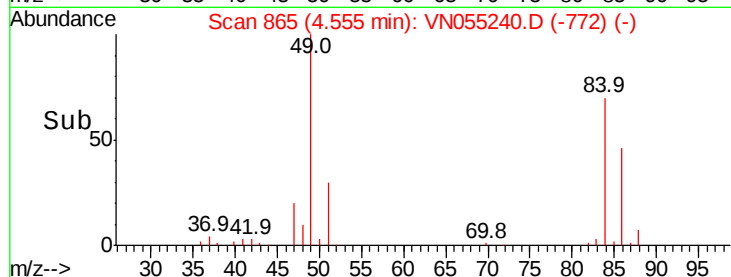
#20
Methylene Chloride
Concen: 15.116 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

Instrument :
MSVOA_N
ClientSampled :
RBR200051

Tot Ion: 84 Resp: 76002
Ion Ratio Lower Upper
84 100
49 143.2 113.8 170.6
51 42.7 34.0 51.0
86 65.5 52.3 78.5

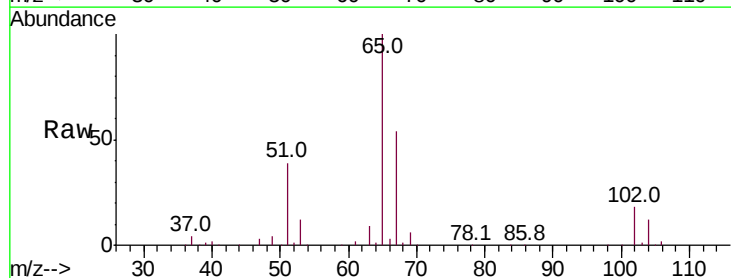


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

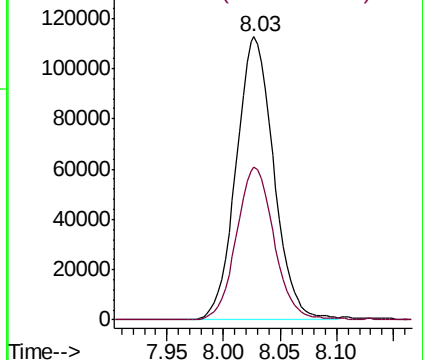
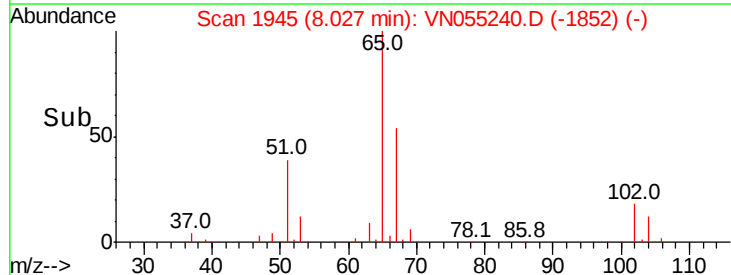


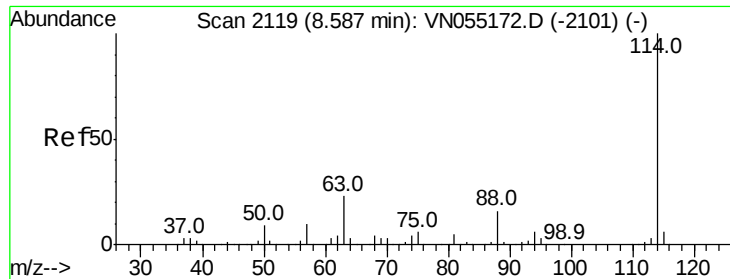
#33
1,2-Dichloroethane-d4
Concen: 49.268 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

Tgt Ion: 65 Resp: 260651
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.6



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

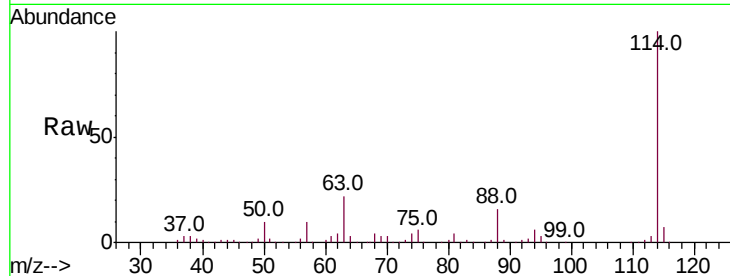




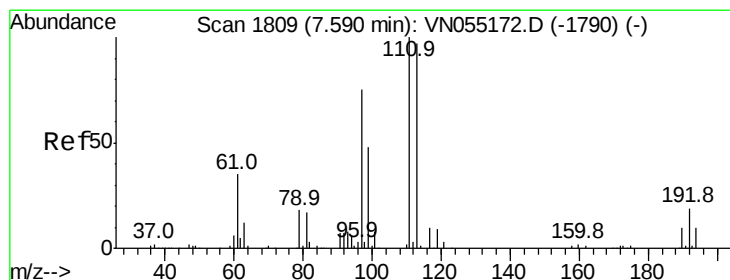
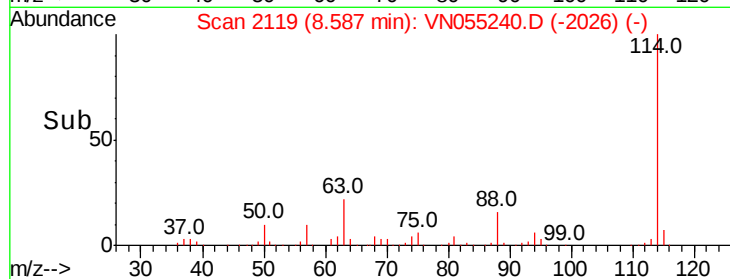
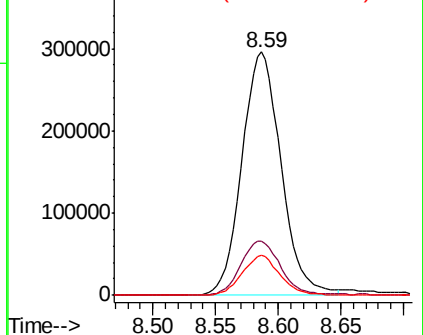
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055240.D
 Acq: 25 Apr 2019 12:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200051

Tot Ion:	114	Resp:	644091
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.2
88	16.4	0.0	32.8

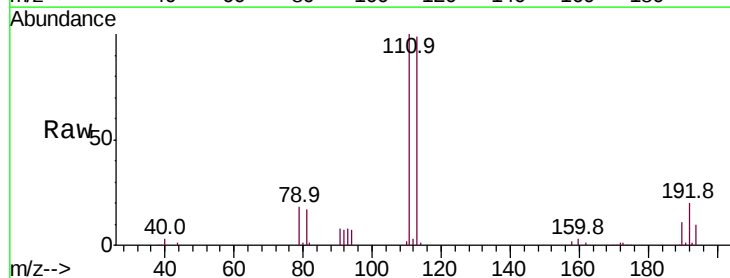


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

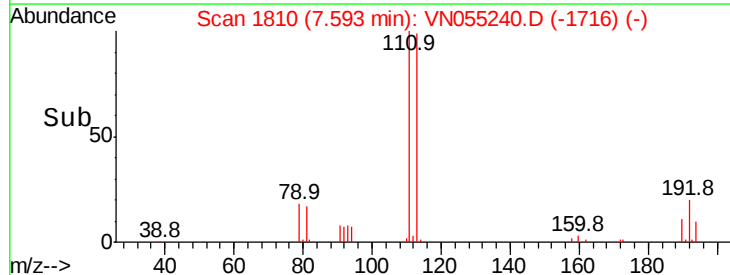
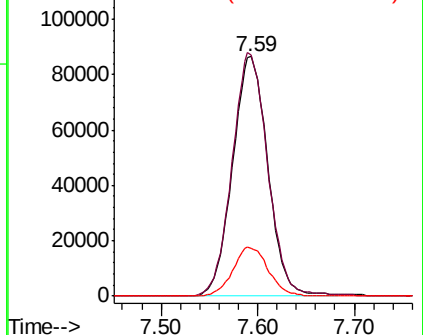


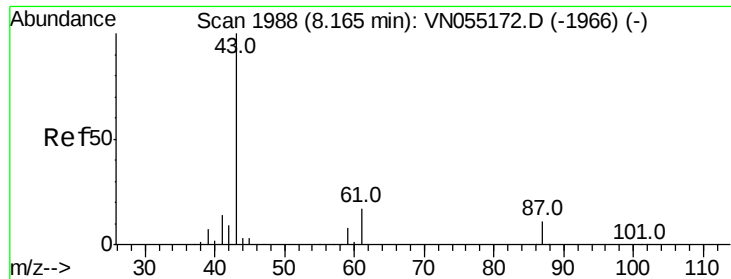
#35
 Dibromofluoromethane
 Concen: 50.174 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055240.D
 Acq: 25 Apr 2019 12:05

Tgt Ion:	113	Resp:	219543
Ion	Ratio	Lower	Upper
113	100		
111	102.4	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: 2.235 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

RBR200051

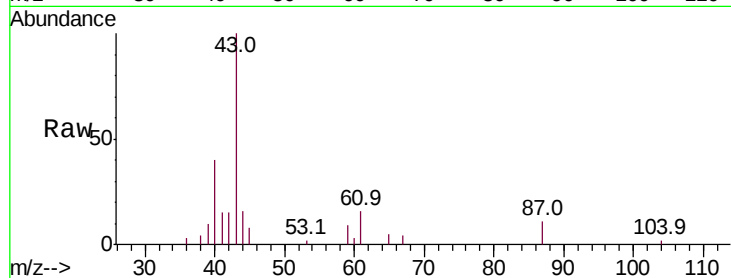
Tot Ion: 43 Resp: 17462

Ion Ratio Lower Upper

43 100

61 8.4 20.6 30.8#

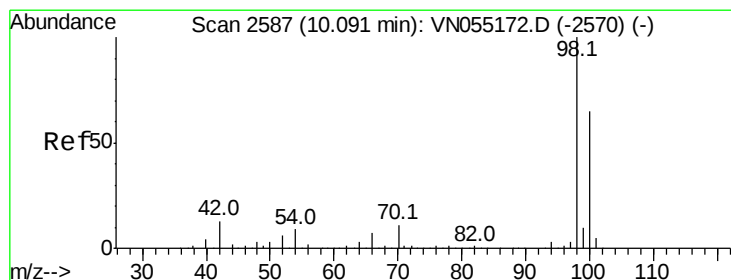
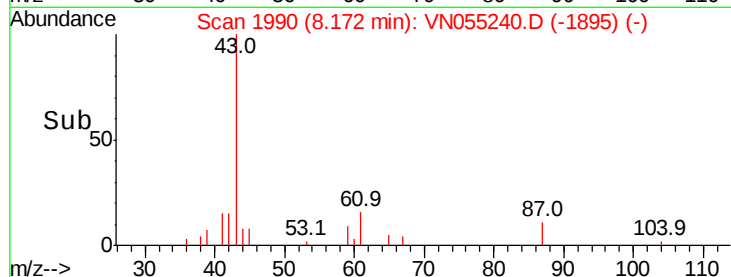
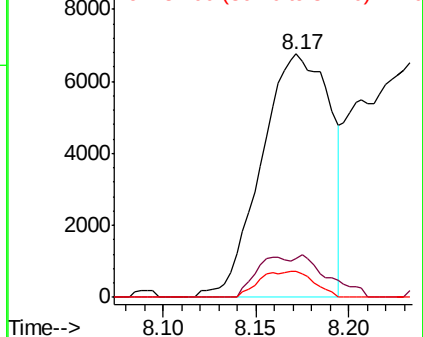
87 8.5 8.8 13.2#



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: 50.864 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055240.D

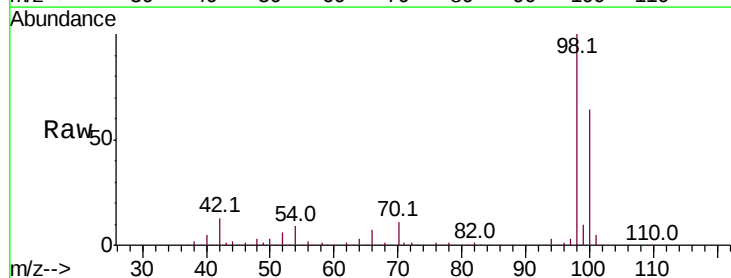
Acq: 25 Apr 2019 12:05

Tgt Ion: 98 Resp: 824628

Ion Ratio Lower Upper

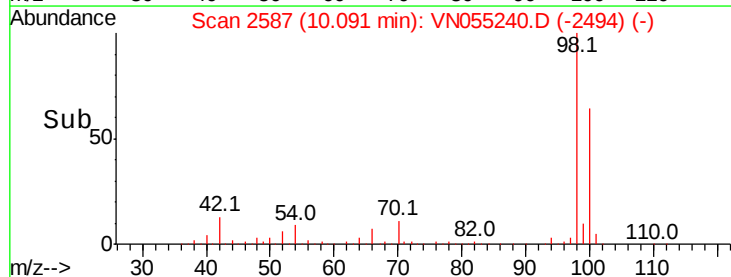
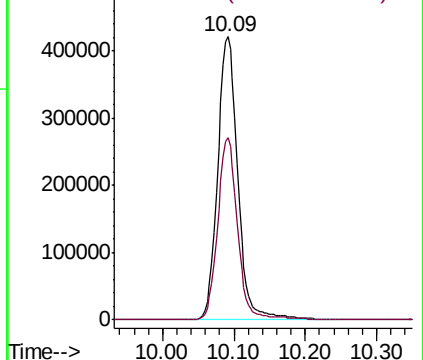
98 100

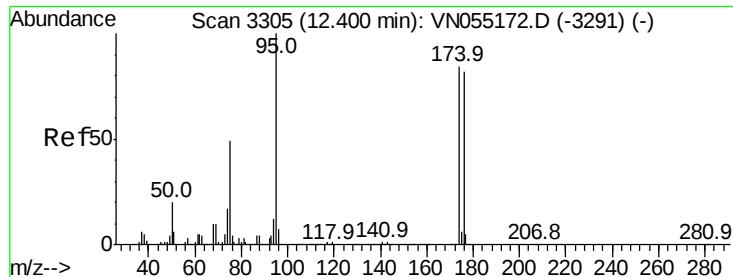
100 63.5 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

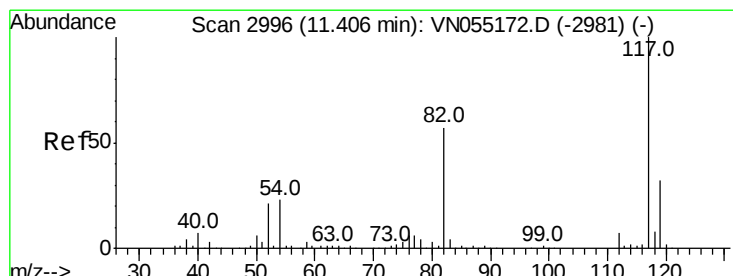
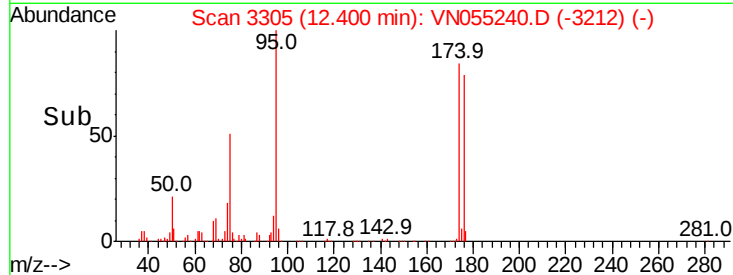
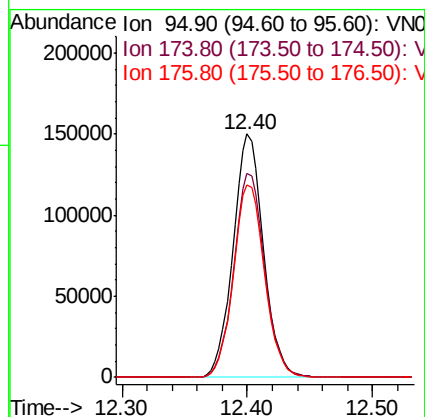
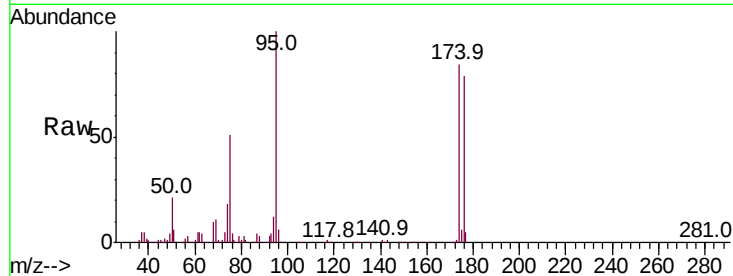




#62
4-Bromofluorobenzene
Concen: 49.012 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

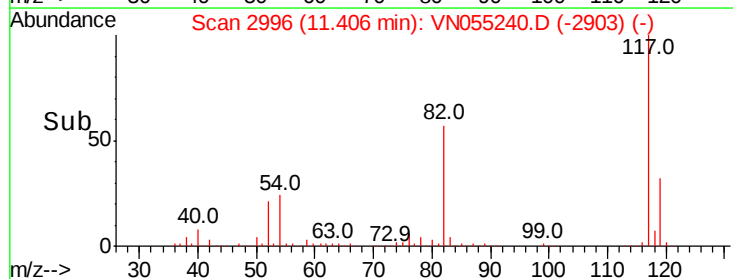
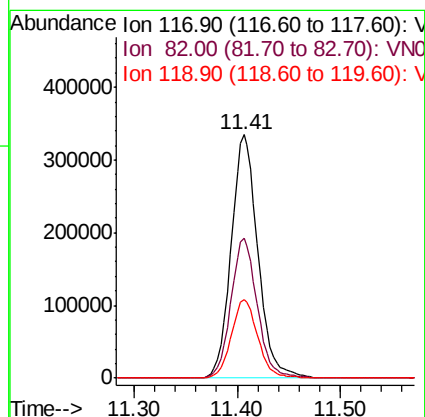
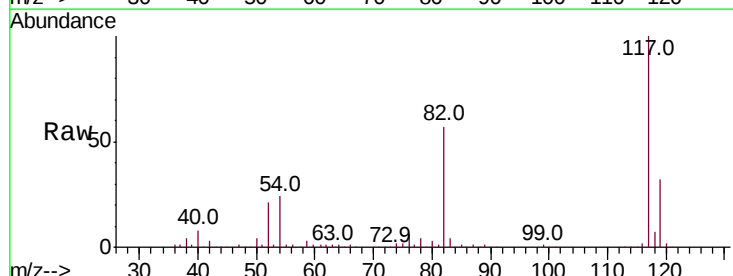
Instrument :
MSVOA_N
ClientSampleId :
RBR200051

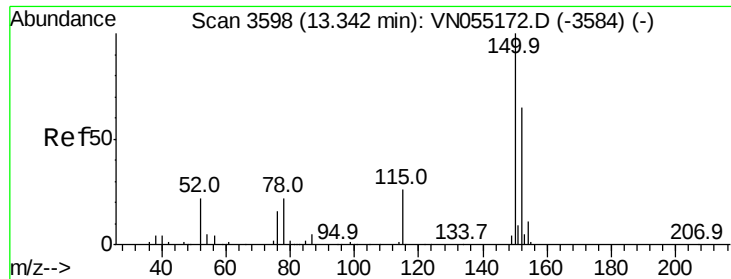
Tot Ion: 95 Resp: 251627
Ion Ratio Lower Upper
95 100
174 85.2 0.0 168.4
176 81.0 0.0 164.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

Tgt Ion: 117 Resp: 603977
Ion Ratio Lower Upper
117 100
82 57.4 45.7 68.5
119 32.3 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: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampled :

RBR200051

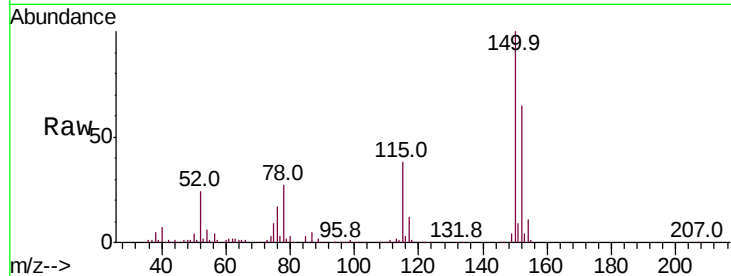
Tot Ion:152 Resp: 179468

Ion Ratio Lower Upper

152 100

115 56.8 28.9 86.7

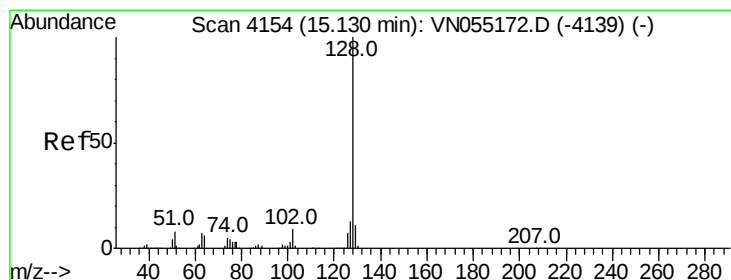
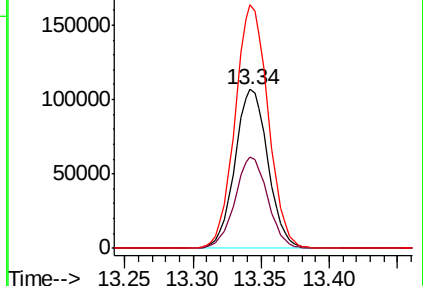
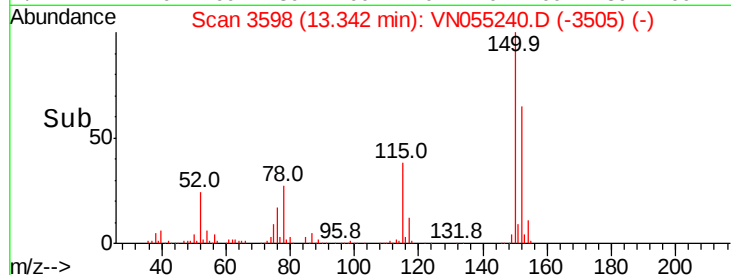
150 153.6 0.0 346.6



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: 4.442 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

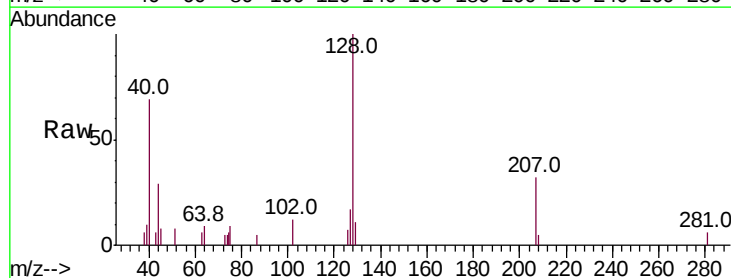
Tgt Ion:128 Resp: 6511

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 9.5 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

