

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054376.D
 Acq On : 17 Mar 2019 10:07
 Operator : JC/SP
 Sample : K1911-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200051

Quant Time: Mar 18 08:50:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

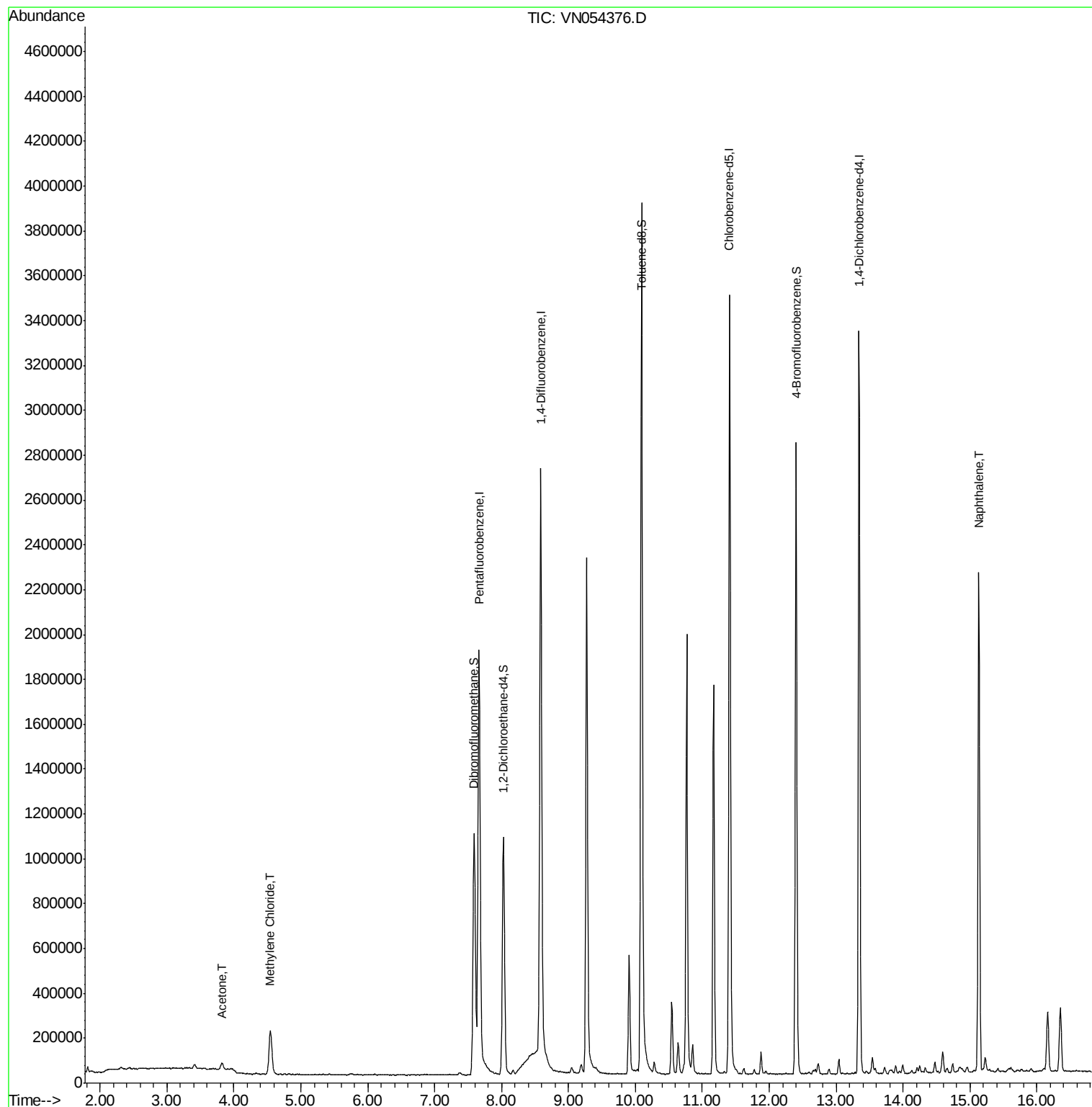
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1838035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2692634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2318633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	959433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	926977	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
35) Dibromofluoromethane	7.59	113	816178	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	10.09	98	3114094	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	990741	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
Target Compounds						
16) Acetone	3.82	43	43267	7.741	ug/l	93
20) Methylene Chloride	4.54	84	157338	8.573	ug/l	99
95) Naphthalene	15.13	128	2003106	47.768	ug/l	100

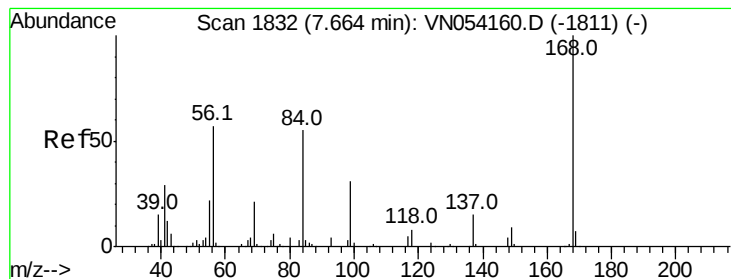
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054376.D
Acq On : 17 Mar 2019 10:07
Operator : JC/SP
Sample : K1911-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RBR200051

Quant Time: Mar 18 08:50:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 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: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

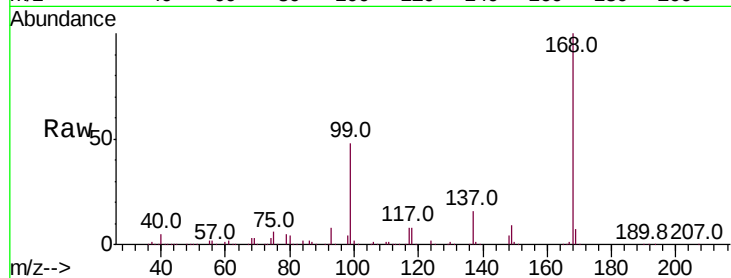
RBR200051

Tot Ion:168 Resp: 1838035

Ion Ratio Lower Upper

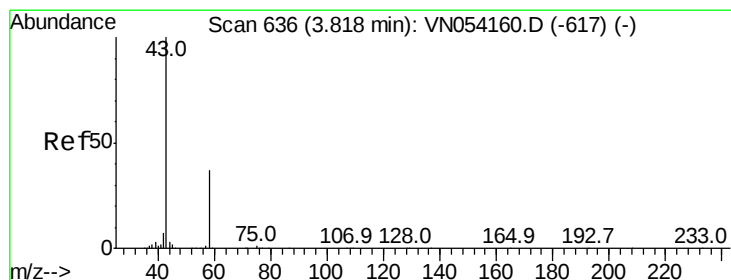
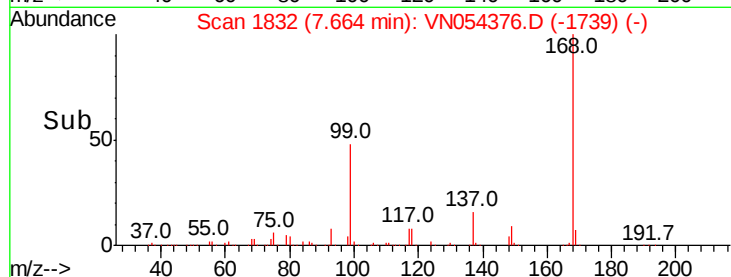
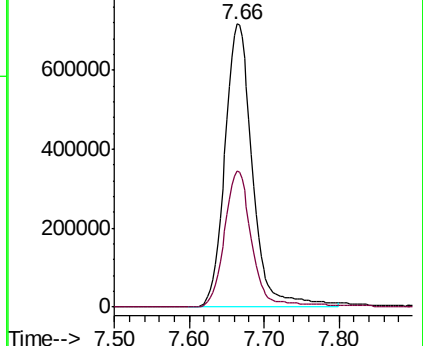
168 100

99 48.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 7.741 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054376.D

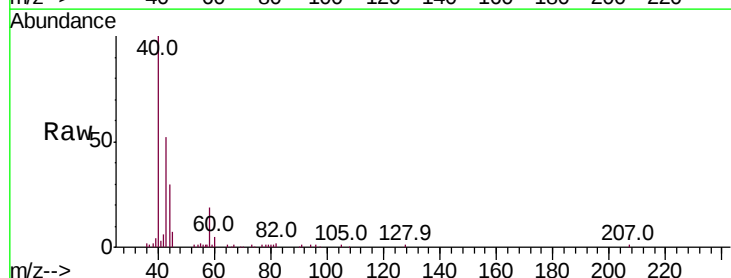
Acq: 17 Mar 2019 10:07

Tgt Ion: 43 Resp: 43267

Ion Ratio Lower Upper

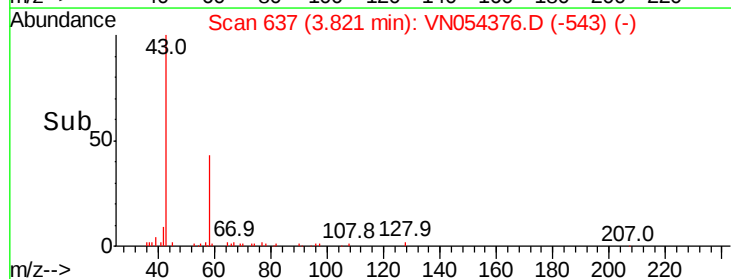
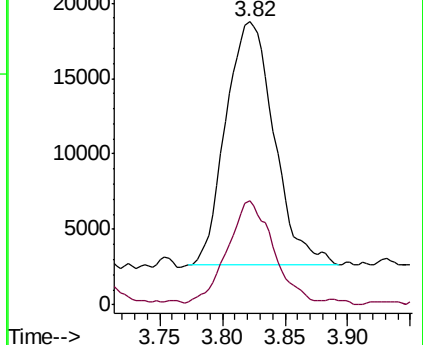
43 100

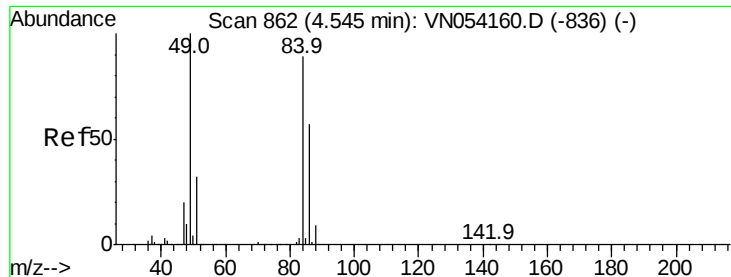
58 41.6 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 8.573 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampled :

RBR200051

Tot Ion: 84 Resp: 157338

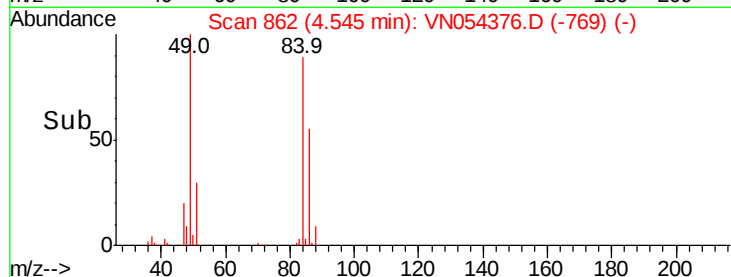
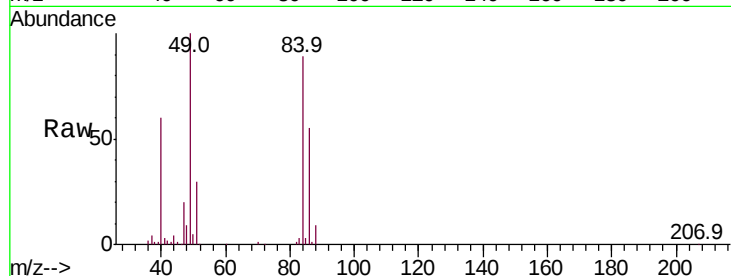
Ion Ratio Lower Upper

84 100

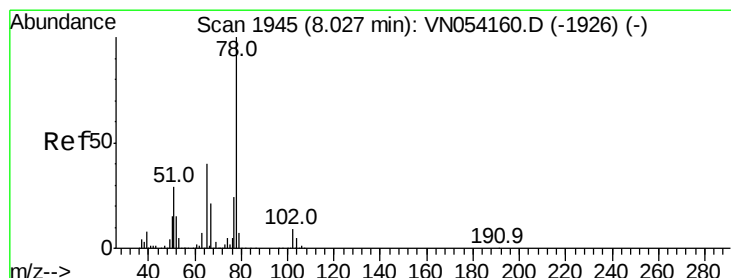
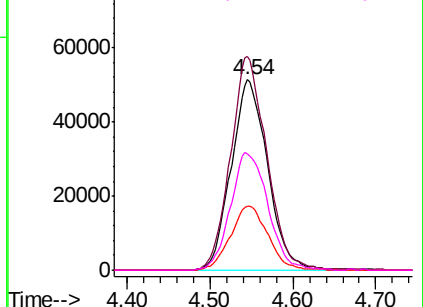
49 112.1 89.7 134.5

51 33.5 28.2 42.4

86 61.2 50.8 76.2



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: 47.489 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054376.D

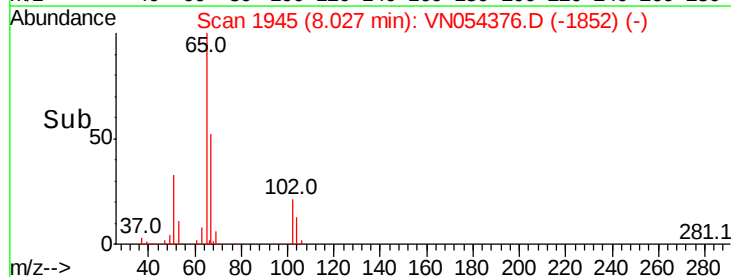
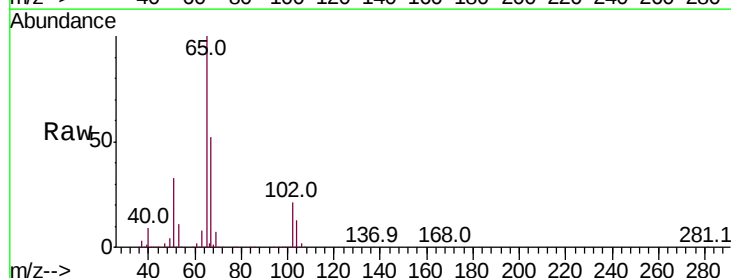
Acq: 17 Mar 2019 10:07

Tgt Ion: 65 Resp: 926977

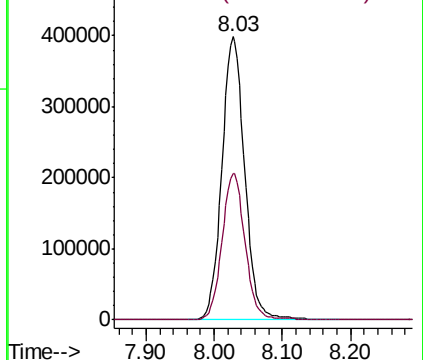
Ion Ratio Lower Upper

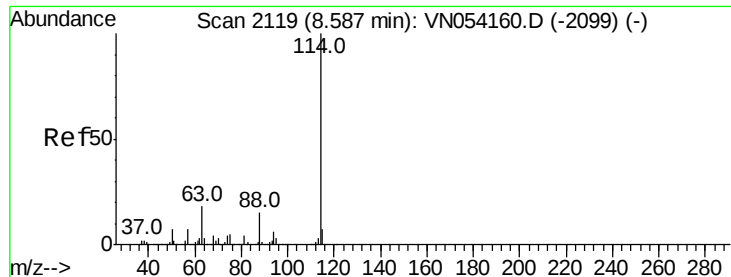
65 100

67 52.1 0.0 104.6



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: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

RBR200051

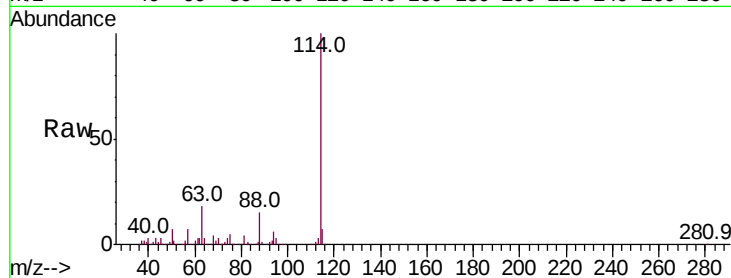
Tot Ion:114 Resp: 2692634

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

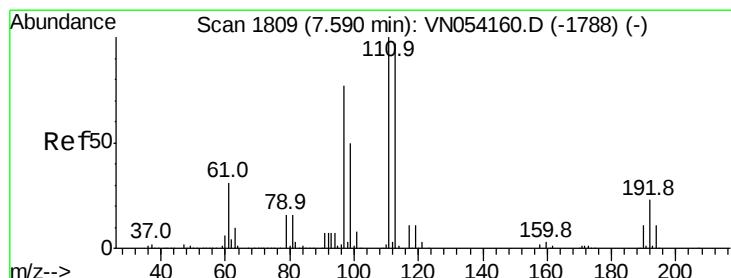
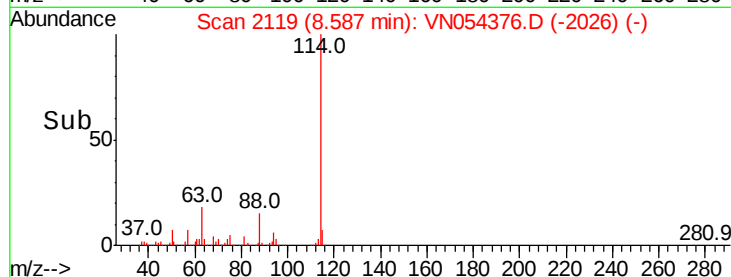
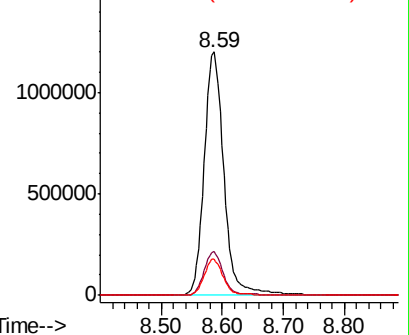
88 14.8 0.0 30.2



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: 46.998 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

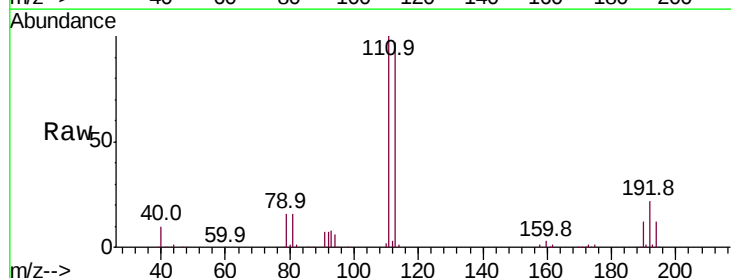
Tgt Ion:113 Resp: 816178

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

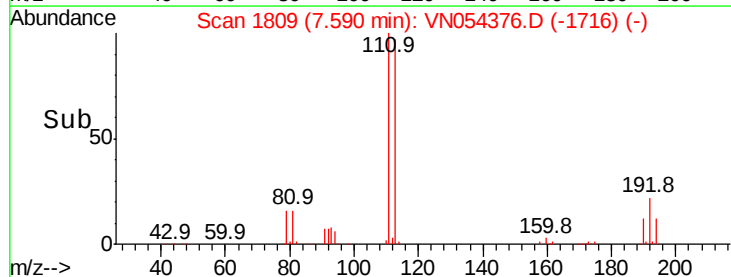
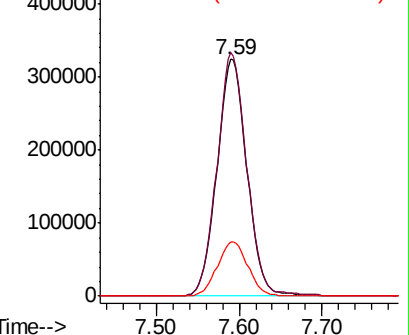
192 23.3 19.2 28.8

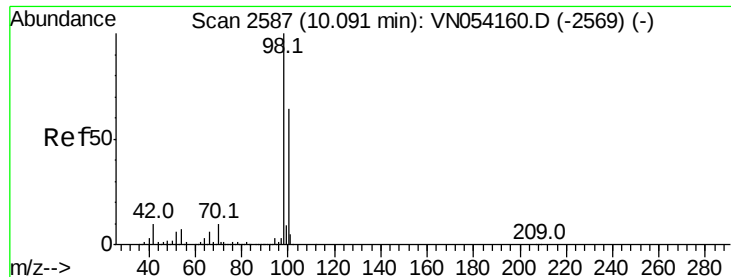


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.554 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

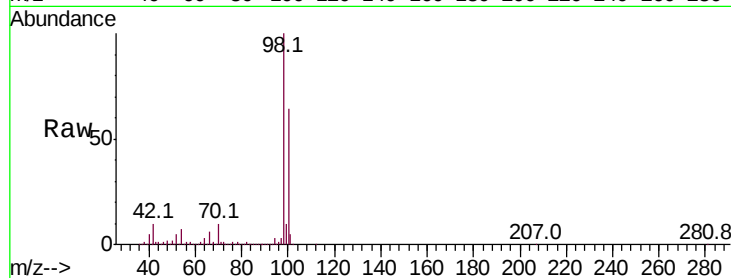
RBR200051

Tot Ion: 98 Resp: 3114094

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

1000000

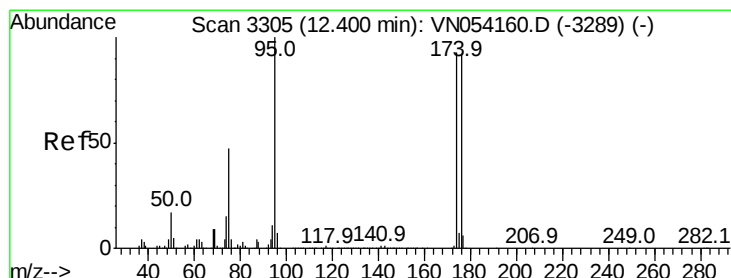
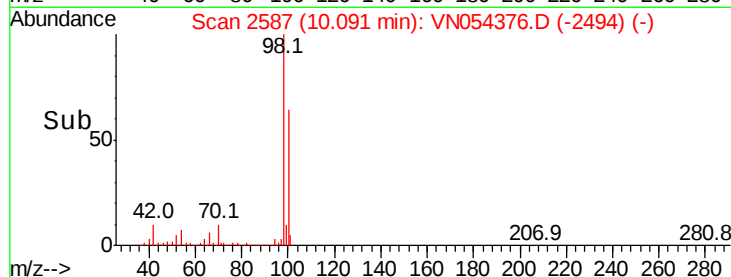
500000

0

10.09

10.00 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 44.148 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

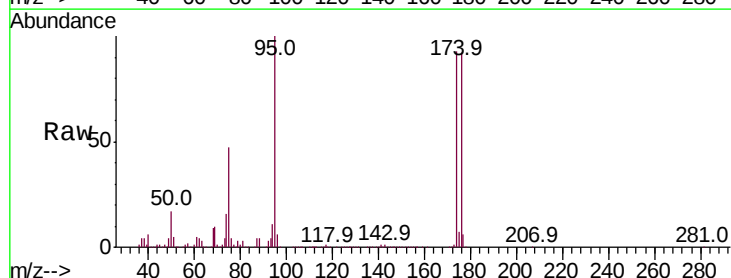
Tgt Ion: 95 Resp: 990741

Ion Ratio Lower Upper

95 100

174 95.2 0.0 191.0

176 93.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

400000

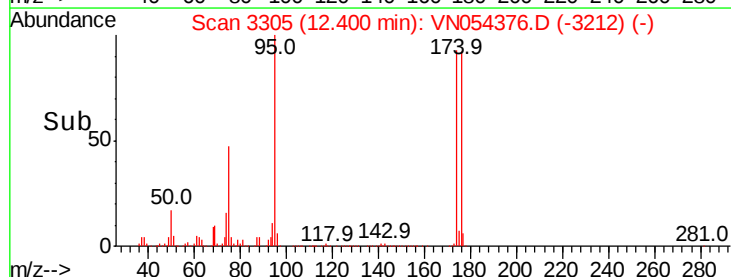
200000

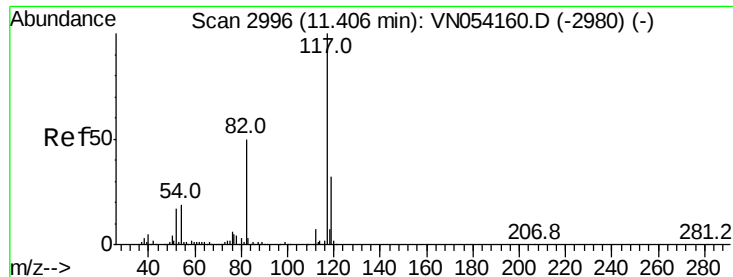
0

12.40

12.30 12.40 12.50

Time-->

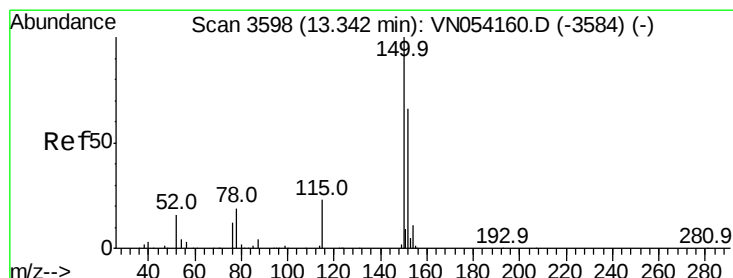
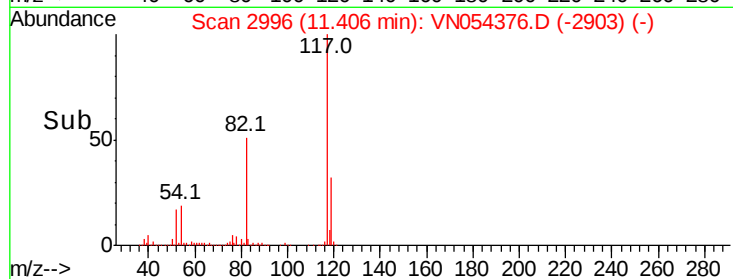
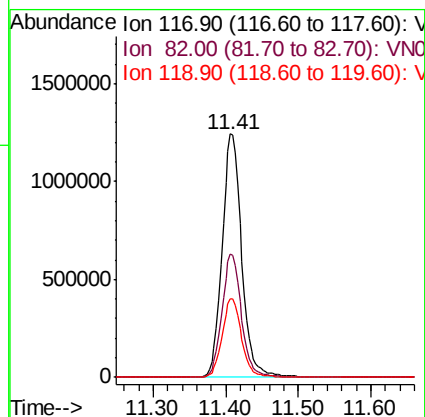
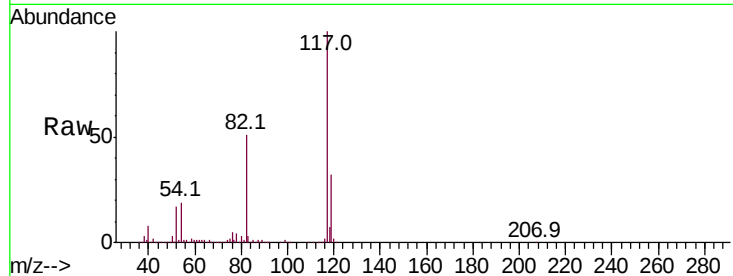




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054376.D
Acq: 17 Mar 2019 10:07

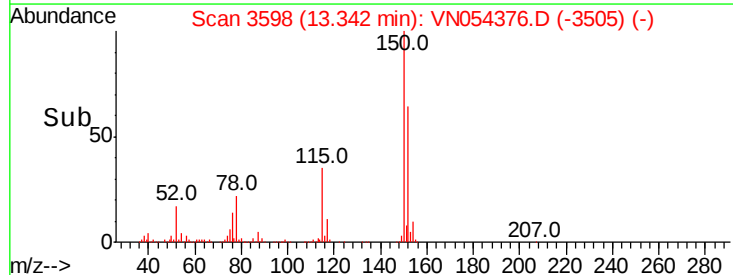
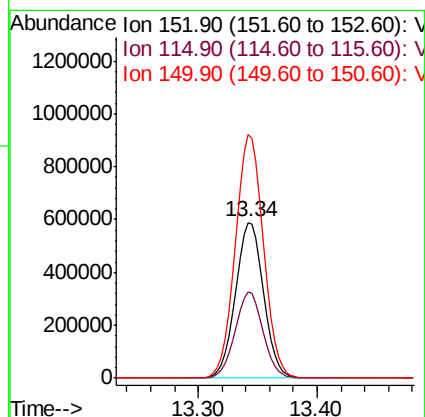
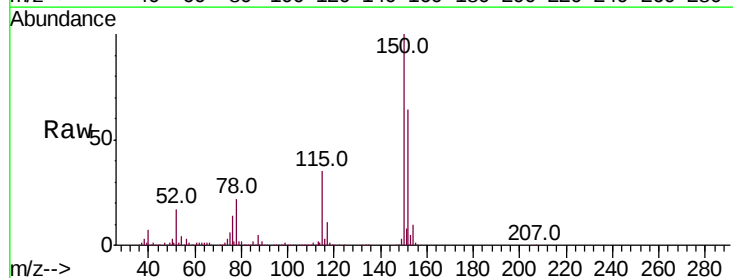
Instrument :
MSVOA_N
ClientSampleId :
RBR200051

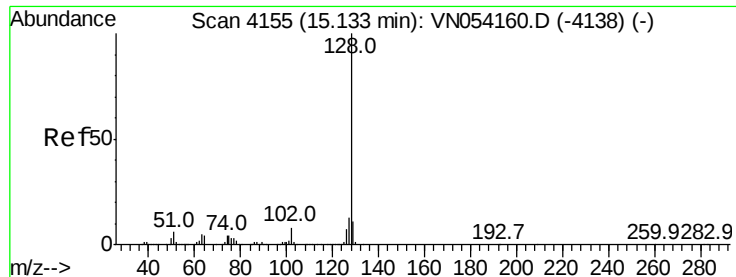
Tot Ion:117 Resp: 2318633
Ion Ratio Lower Upper
117 100
82 50.5 40.0 60.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054376.D
Acq: 17 Mar 2019 10:07

Tgt Ion:152 Resp: 959433
Ion Ratio Lower Upper
152 100
115 55.1 27.2 81.6
150 157.1 0.0 349.2

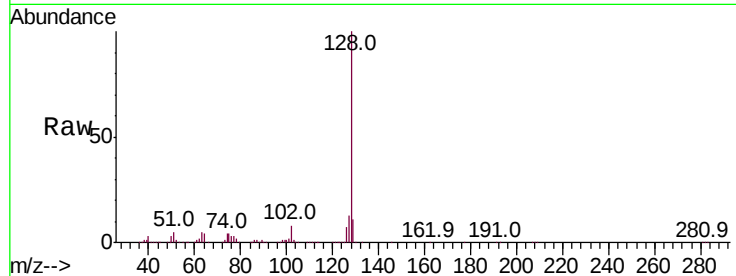




#95
Naphthalene
Concen: 47.768 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054376.D
Acq: 17 Mar 2019 10:07

Instrument :
MSVOA_N
ClientSampleId :
RBR200051

Tot Ion:128 Resp: 2003106
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.7 13.1



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

