

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054741.D
 Acq On : 28 Mar 2019 13:47
 Operator : JC/SP
 Sample : K2107-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Mar 29 06:57:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

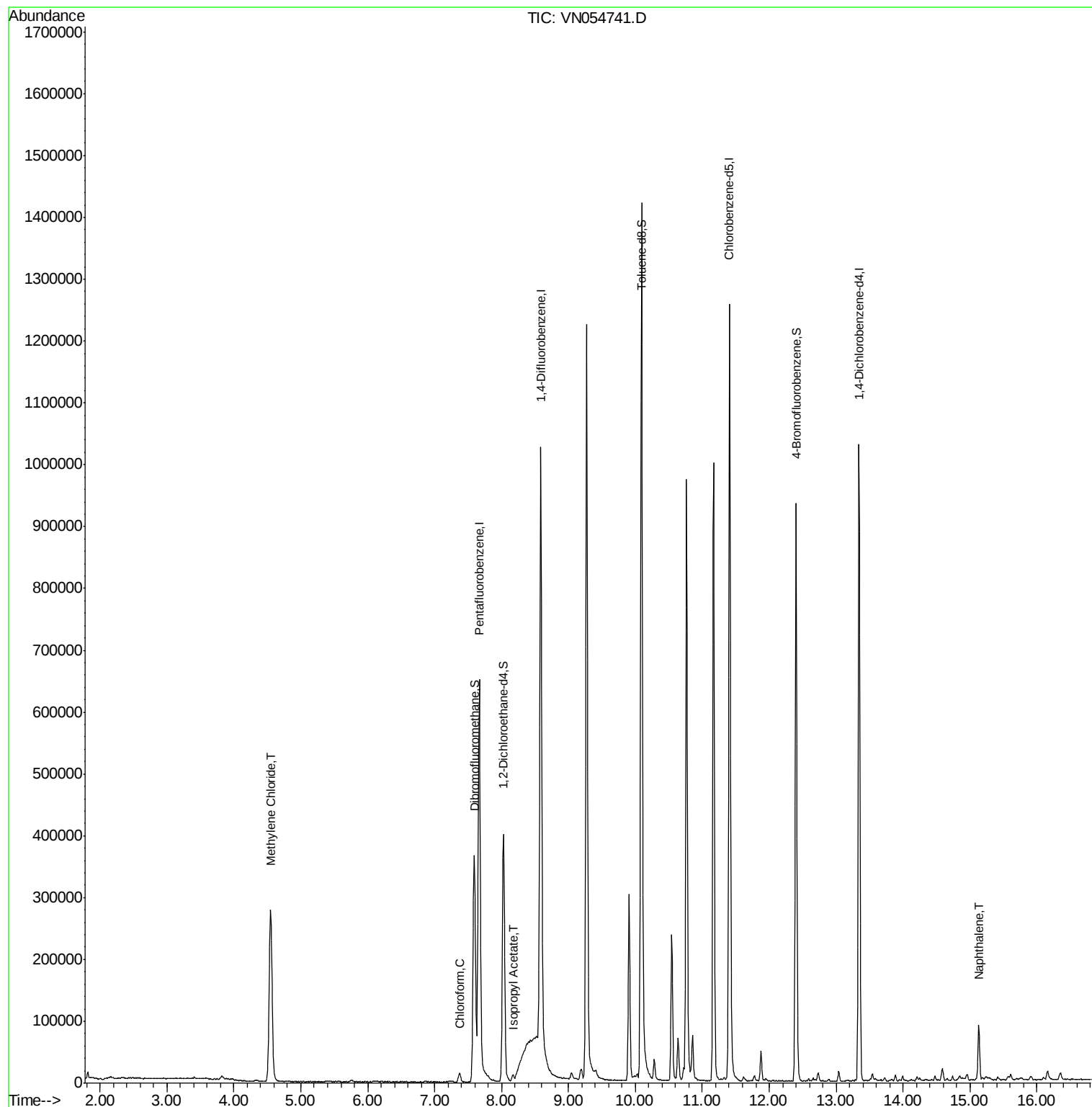
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	550335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	885794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	741497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	274316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	347596	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	7.59	113	285011	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	10.09	98	1055772	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	322627	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
Target Compounds						
20) Methylene Chloride	4.55	84	195449	32.217	ug/l #	82
30) Chloroform	7.37	83	14309	1.381	ug/l	98
43) Isopropyl Acetate	8.17	43	13469	1.354	ug/l #	93
95) Naphthalene	15.13	128	74825	7.647	ug/l	98

(#) = 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: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

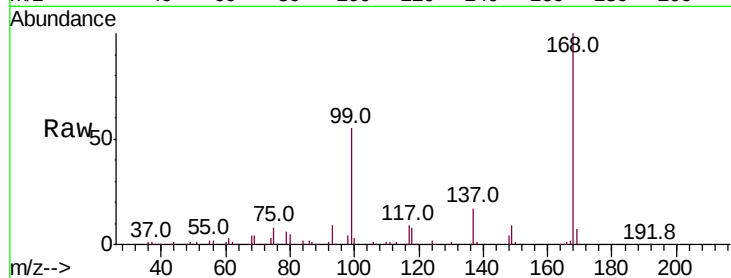
TP-7

Tot Ion:168 Resp: 550335

Ion Ratio Lower Upper

168 100

99 54.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

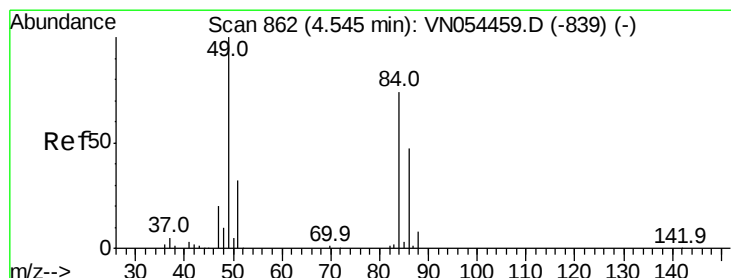
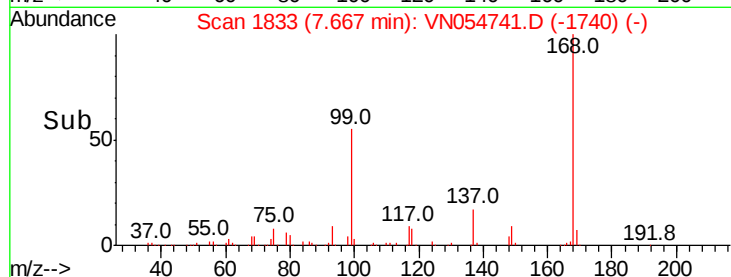
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 32.217 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Tgt Ion: 84 Resp: 195449

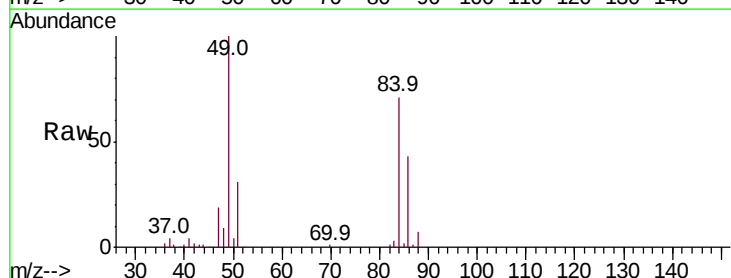
Ion Ratio Lower Upper

84 100

49 141.1 89.7 134.5#

51 43.8 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

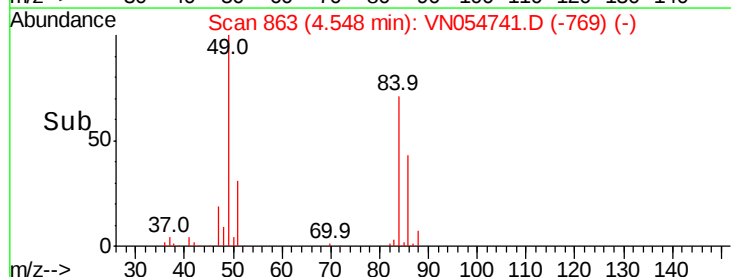
Ion 85.90 (85.60 to 86.60): VNO

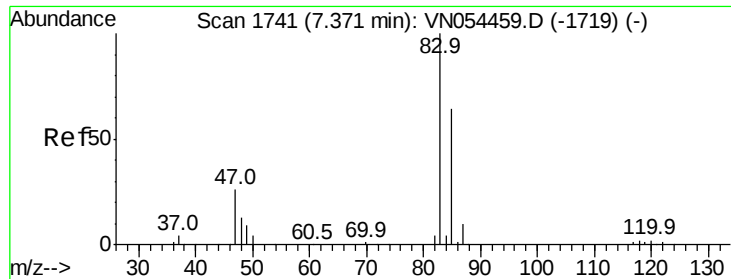
100000

50000

0

Time-->

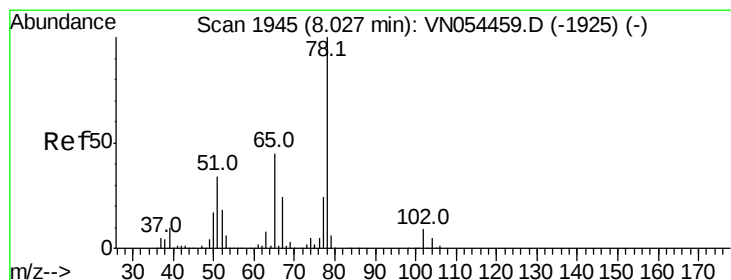
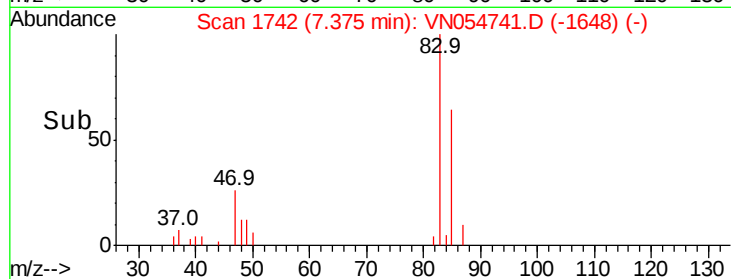
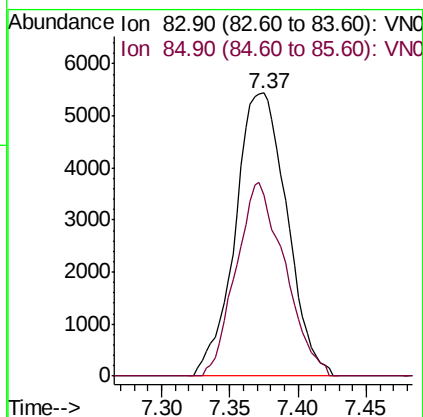
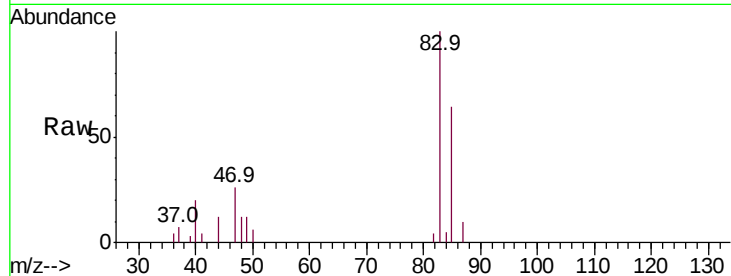




#30
Chloroform
Concen: 1.381 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054741.D
Acq: 28 Mar 2019 13:47

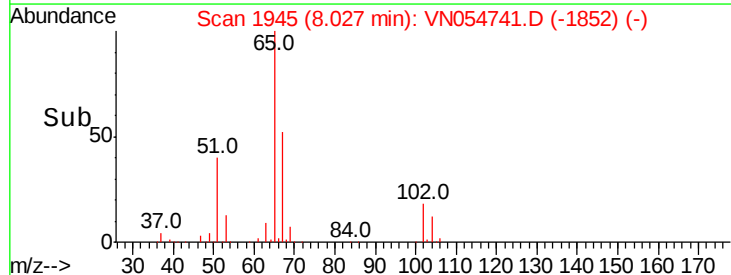
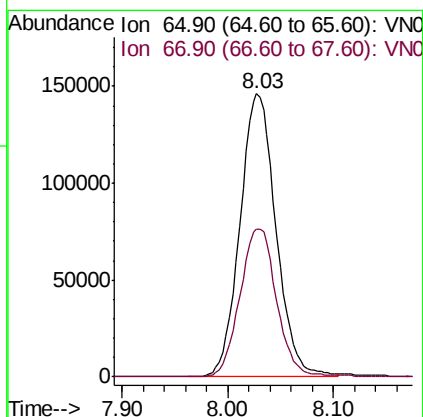
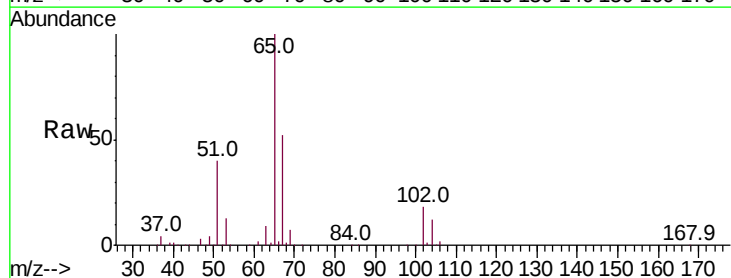
Instrument :
MSVOA_N
ClientSampleId :
TP-7

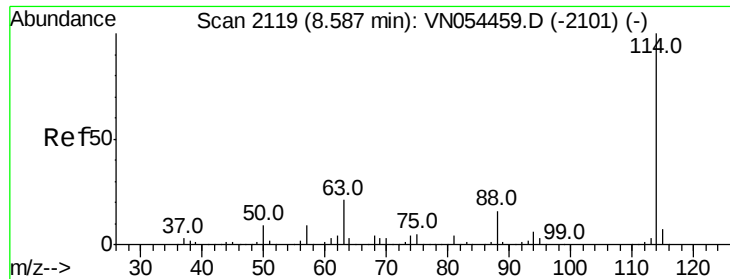
Tot Ion: 83 Resp: 14309
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 50.779 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054741.D
Acq: 28 Mar 2019 13:47

Tgt Ion: 65 Resp: 347596
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.6

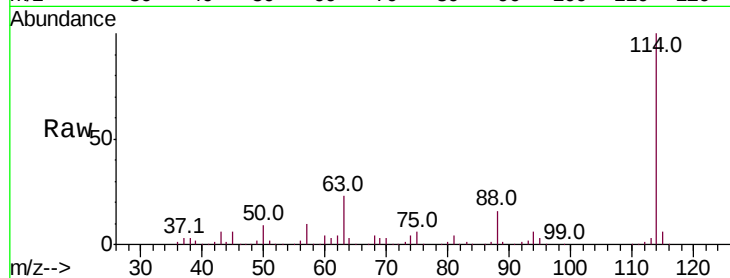




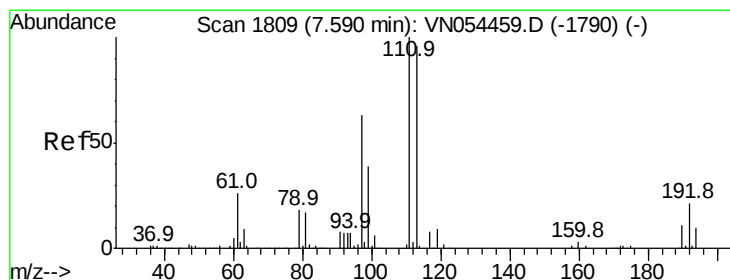
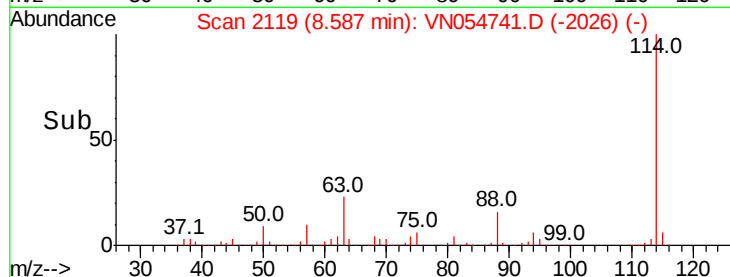
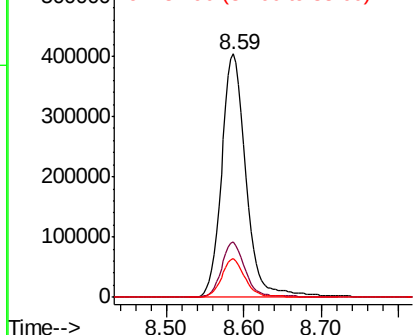
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054741.D
 Acq: 28 Mar 2019 13:47

Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

Tot Ion:114 Resp: 885794
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 35.2
 88 15.8 0.0 30.2

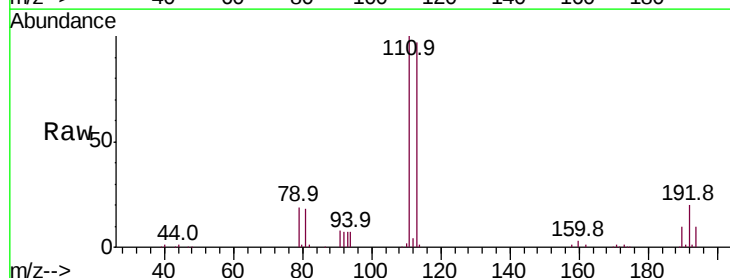


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

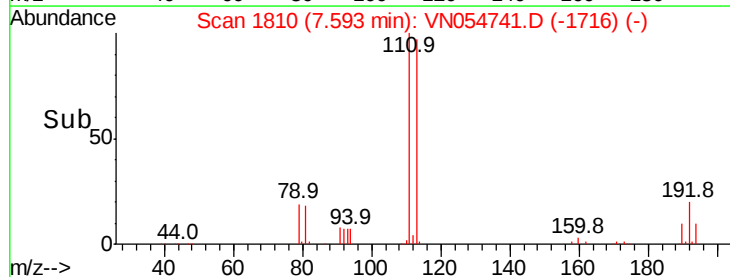
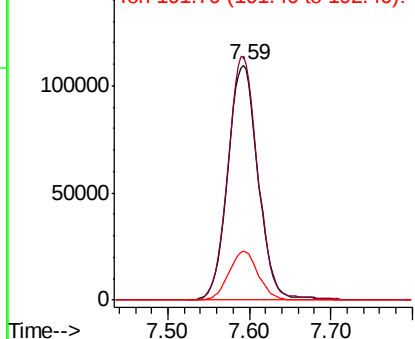


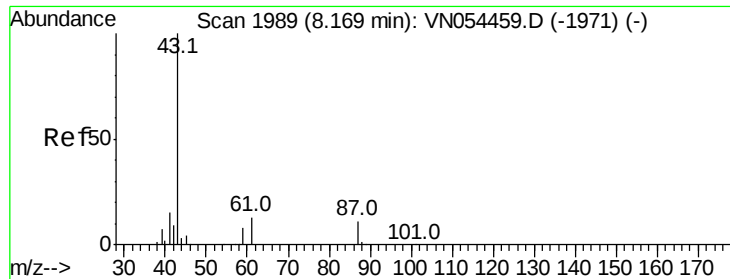
#35
 Dibromofluoromethane
 Concen: 49.943 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054741.D
 Acq: 28 Mar 2019 13:47

Tgt Ion:113 Resp: 285011
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 20.2 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





#43

Isopropyl Acetate

Concen: 1.354 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

TP-7

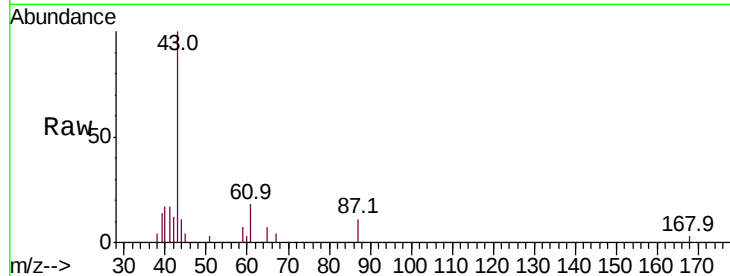
Tot Ion: 43 Resp: 13469

Ion Ratio Lower Upper

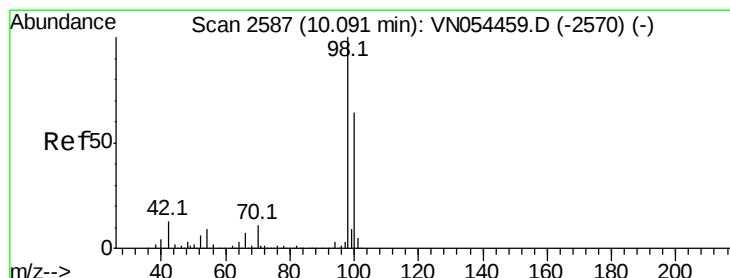
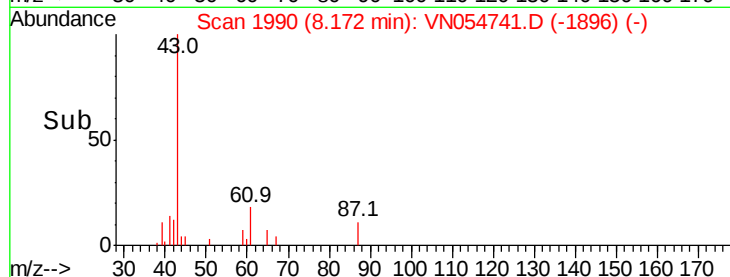
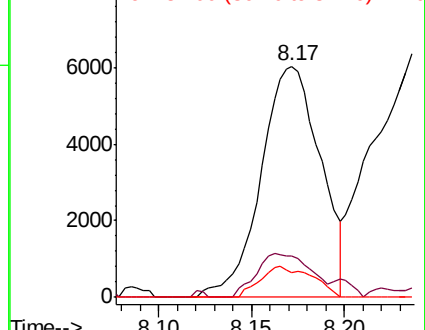
43 100

61 17.2 15.8 23.8

87 11.7 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#50

Toluene-d8

Concen: 49.212 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054741.D

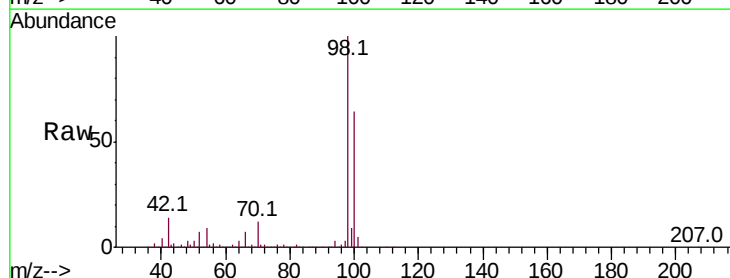
Acq: 28 Mar 2019 13:47

Tgt Ion: 98 Resp: 1055772

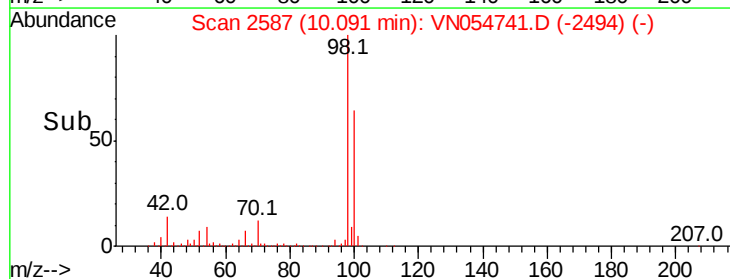
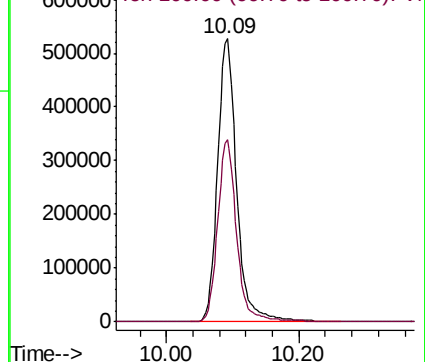
Ion Ratio Lower Upper

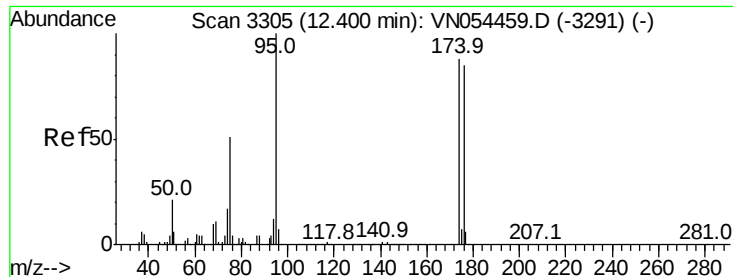
98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO





#62

4-Bromofluorobenzene

Concen: 44.193 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

TP-7

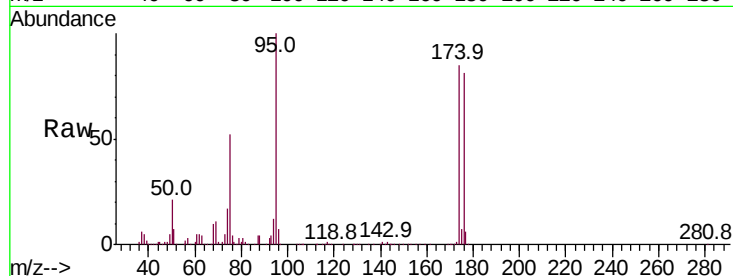
Tot Ion: 95 Resp: 322627

Ion Ratio Lower Upper

95 100

174 84.6 0.0 191.0

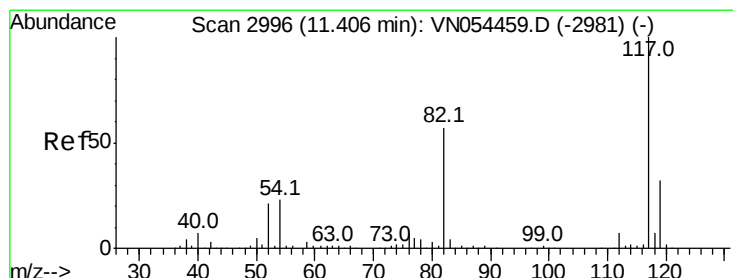
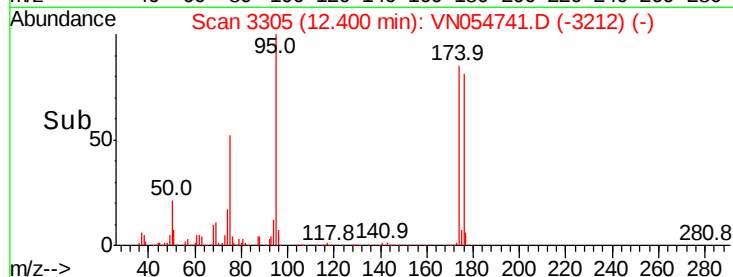
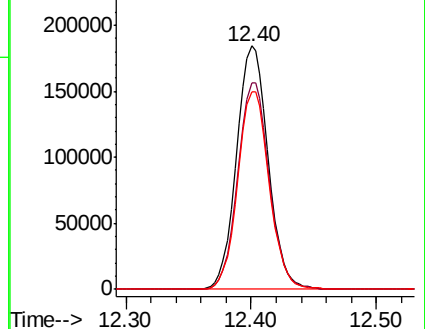
176 81.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054741.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054741.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054741.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054741.D

Acq: 28 Mar 2019 13:47

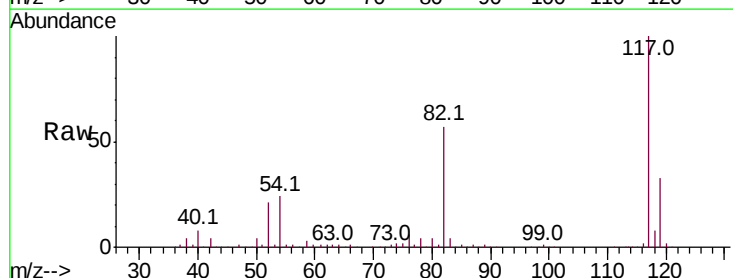
Tgt Ion: 117 Resp: 741497

Ion Ratio Lower Upper

117 100

82 57.3 40.0 60.0

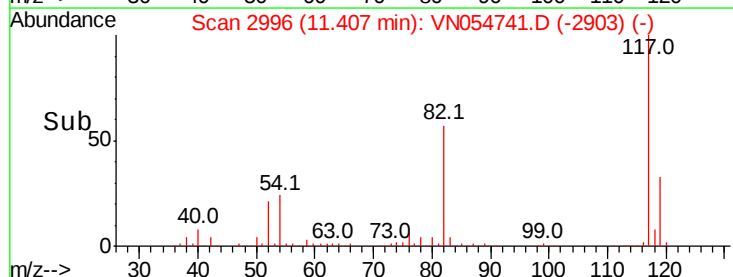
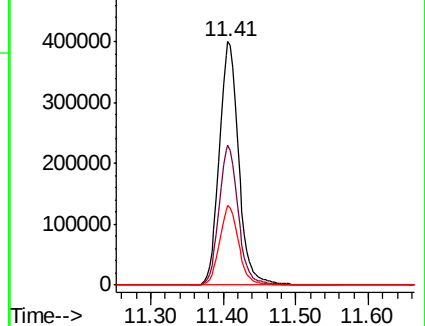
119 32.5 25.8 38.6

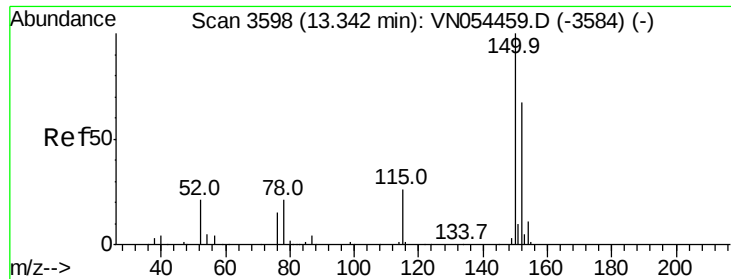


Abundance Ion 116.90 (116.60 to 117.60): VN054741.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054741.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054741.D (-2981) (-)



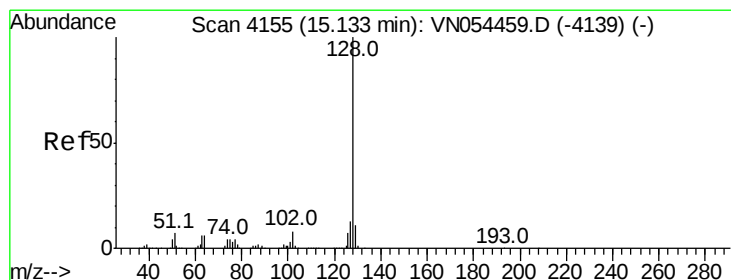
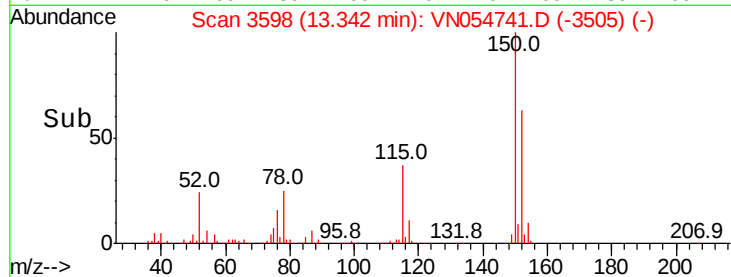
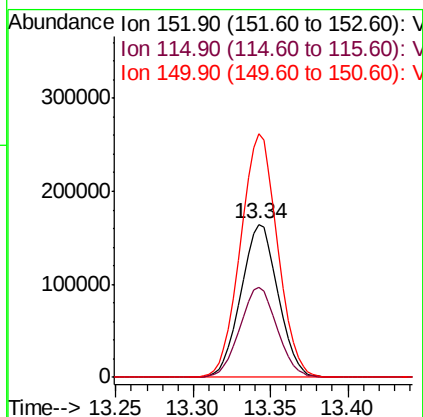
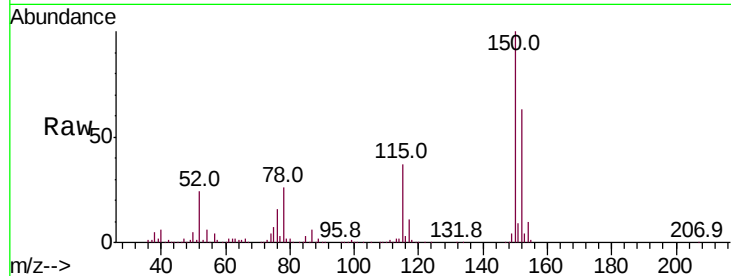


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054741.D
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Tot Ion:152 Resp: 274316
Ion Ratio Lower Upper
152 100
115 59.1 27.2 81.6
150 158.5 0.0 349.2



#95

Naphthalene
Concen: 7.647 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054741.D
Acq: 28 Mar 2019 13:47

Tgt Ion:128 Resp: 74825
Ion Ratio Lower Upper
128 100
127 13.7 10.1 15.1
129 11.5 8.7 13.1

