

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054743.D
 Acq On : 28 Mar 2019 14:39
 Operator : JC/SP
 Sample : K2107-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Mar 29 07:03:41 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

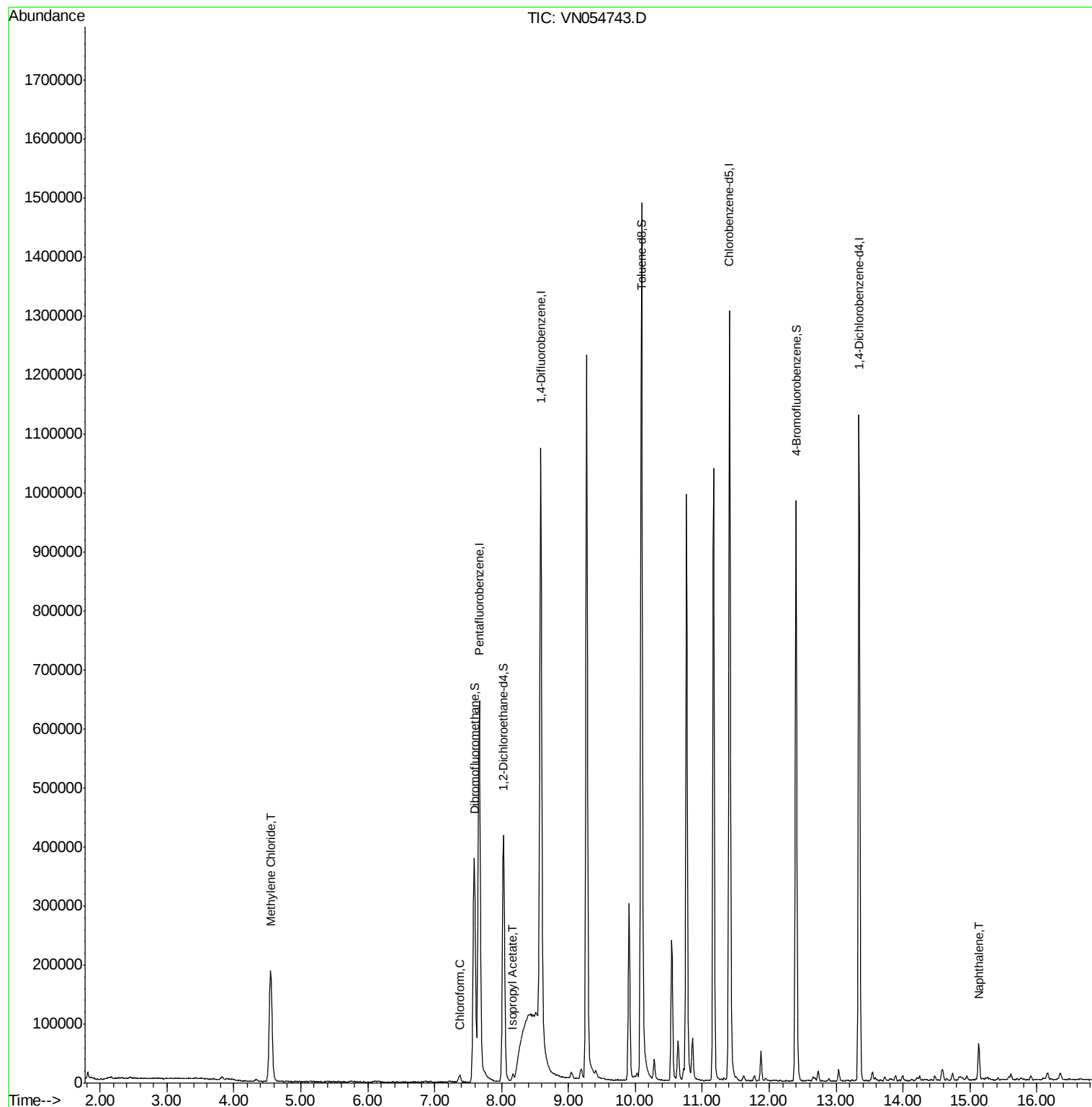
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	547194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	906692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	778499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	296830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	362108	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
35) Dibromofluoromethane	7.59	113	286330	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	10.09	98	1093274	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	342948	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
Target Compounds						
20) Methylene Chloride	4.55	84	129786	21.516	ug/l #	85
30) Chloroform	7.38	83	11566	1.123	ug/l	87
43) Isopropyl Acetate	8.17	43	13761	1.351	ug/l #	88
95) Naphthalene	15.13	128	52937	5.000	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032819\
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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: VN054743.D

Acq: 28 Mar 2019 14:39

Instrument :

MSVOA_N

ClientSampled :

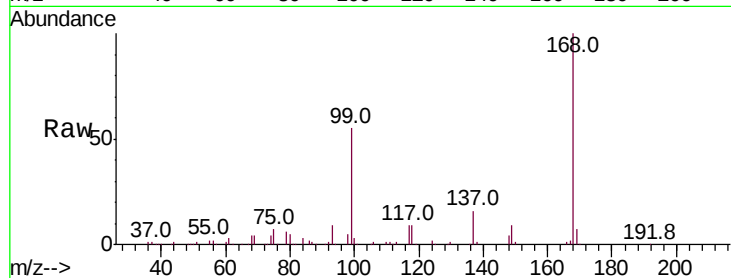
TP-5

Tot Ion:168 Resp: 547194

Ion Ratio Lower Upper

168 100

99 54.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

100000

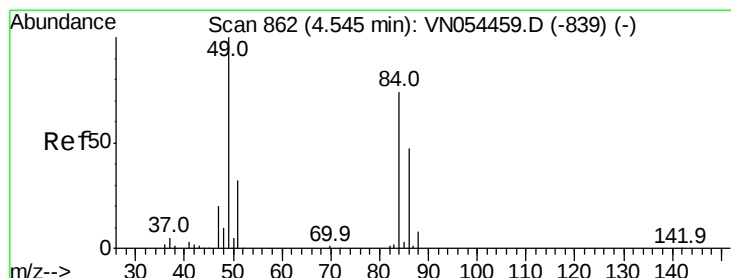
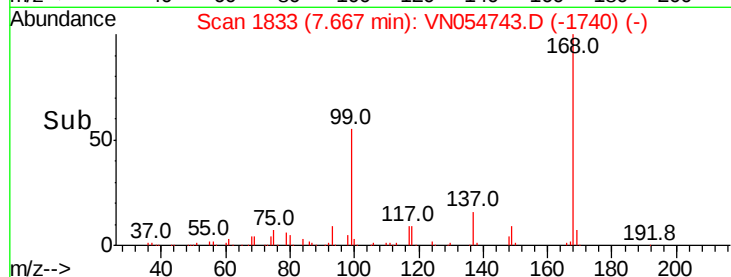
50000

0

Time-->

7.60

7.70



#20

Methylene Chloride

Concen: 21.516 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN054743.D

Acq: 28 Mar 2019 14:39

Tgt Ion: 84 Resp: 129786

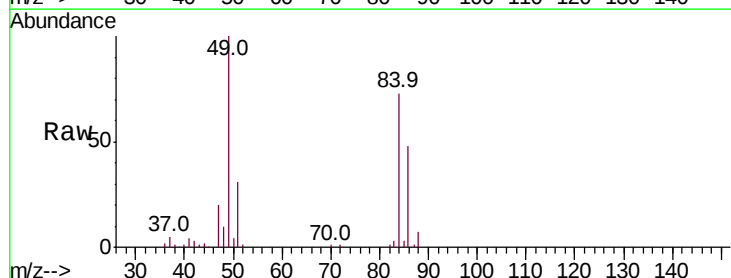
Ion Ratio Lower Upper

84 100

49 137.4 89.7 134.5#

51 41.9 28.2 42.4

86 65.3 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

80000

60000

40000

20000

0

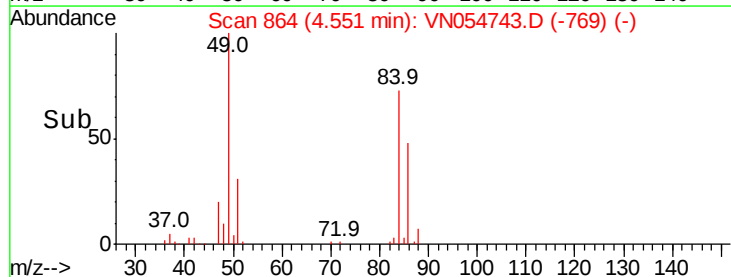
Time-->

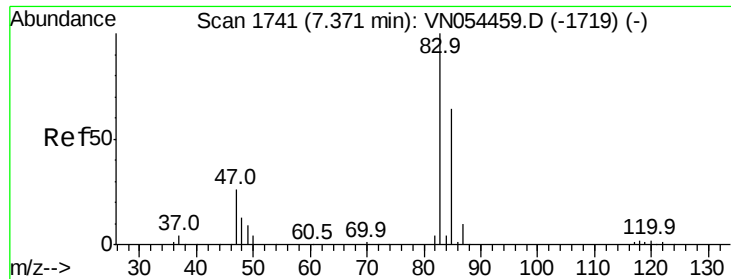
4.40

4.50

4.60

4.70

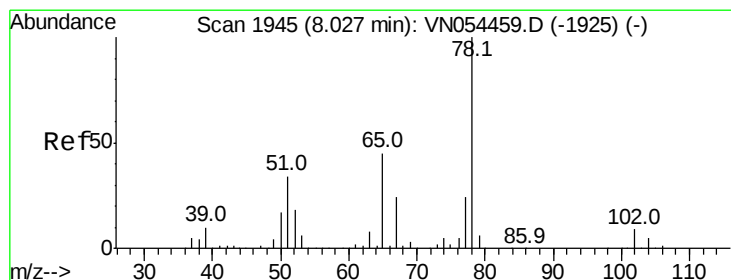
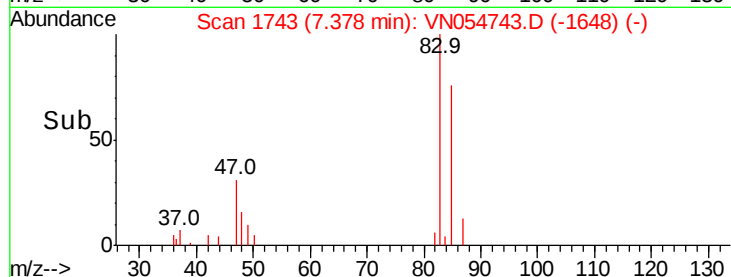
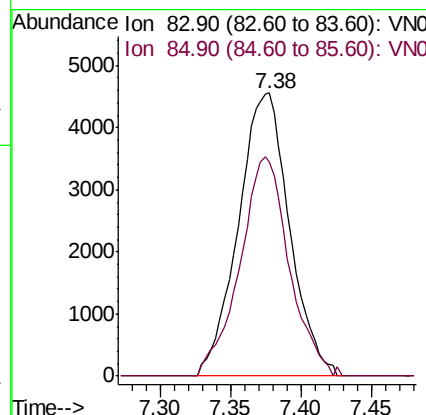
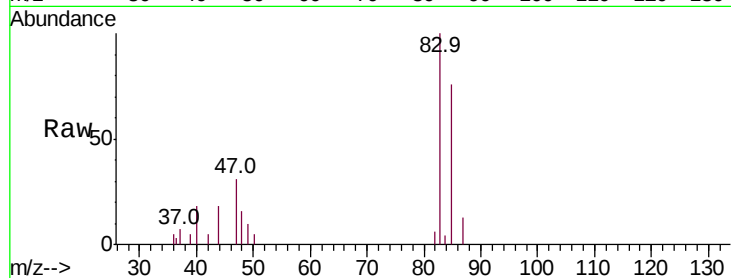




#30
Chloroform
Concen: 1.123 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN054743.D
Acq: 28 Mar 2019 14:39

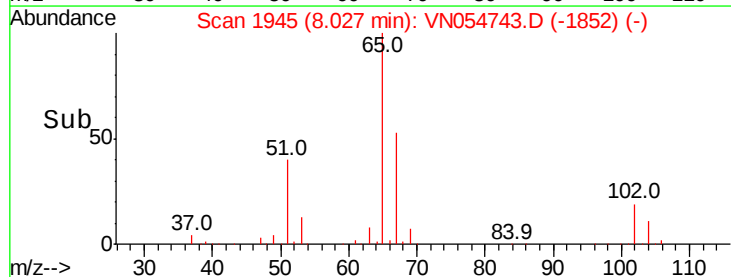
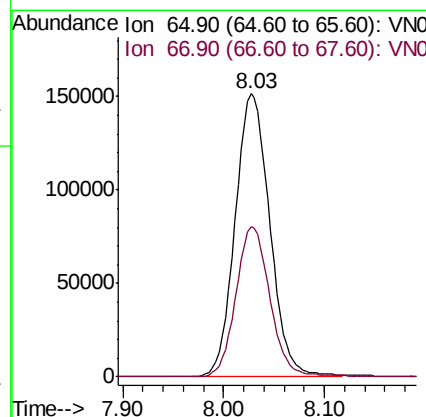
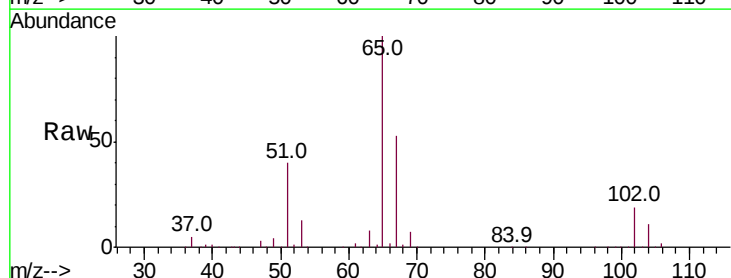
Instrument :
MSVOA_N
ClientSampled :
TP-5

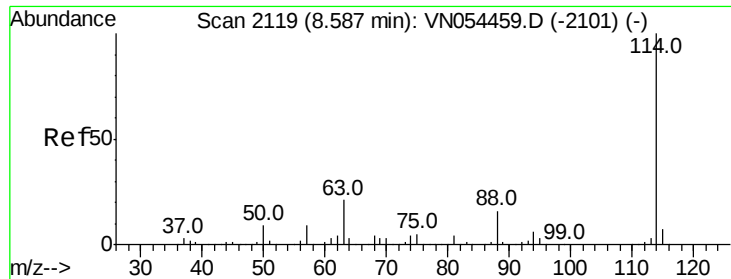
Tot Ion: 83 Resp: 11566
Ion Ratio Lower Upper
83 100
85 75.8 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 53.203 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054743.D
Acq: 28 Mar 2019 14:39

Tgt Ion: 65 Resp: 362108
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.6

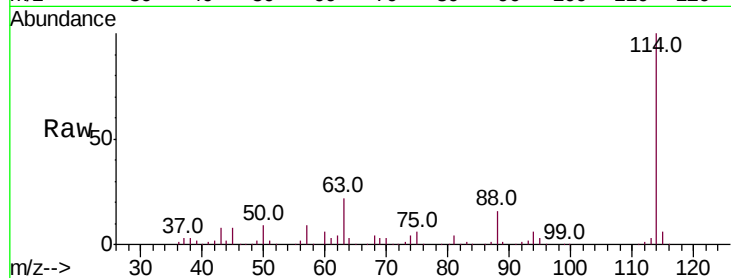




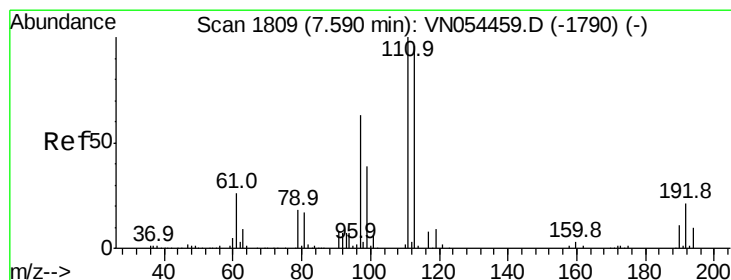
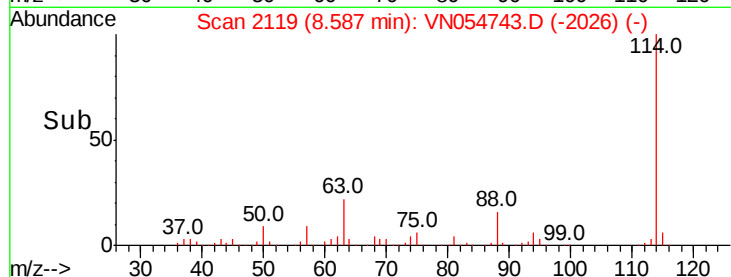
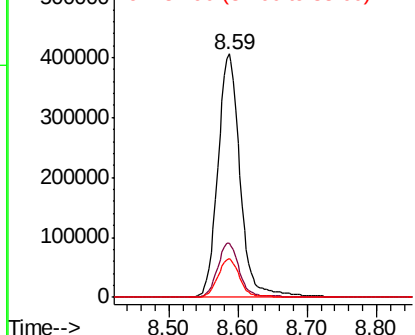
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054743.D
 Acq: 28 Mar 2019 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Tot Ion:114 Resp: 906692
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 35.2
 88 15.7 0.0 30.2

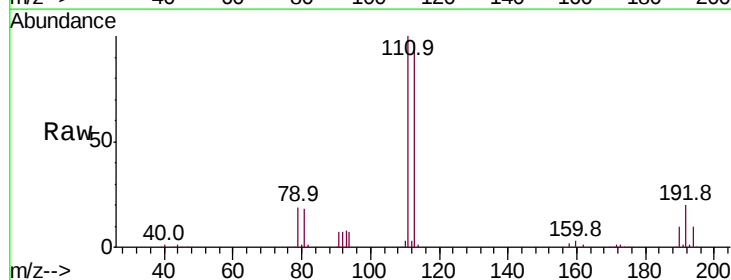


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

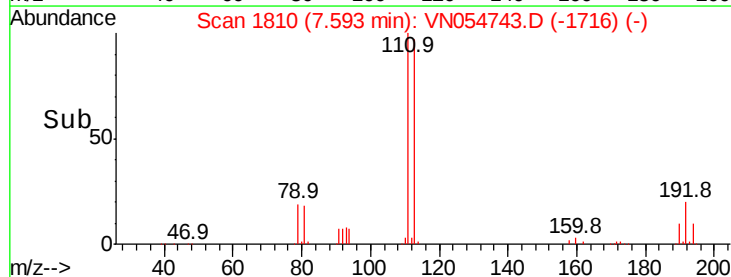
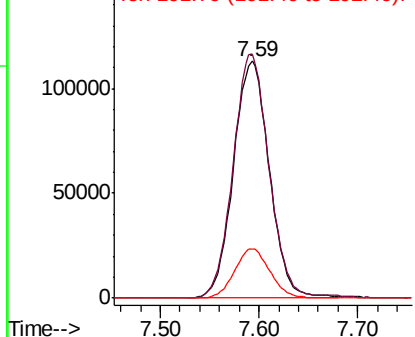


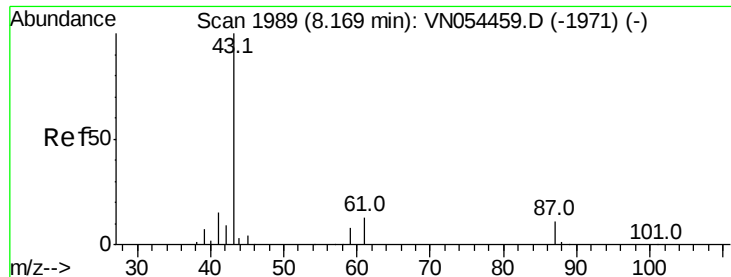
#35
 Dibromofluoromethane
 Concen: 49.018 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054743.D
 Acq: 28 Mar 2019 14:39

Tgt Ion:113 Resp: 286330
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 20.6 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: 1.351 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054743.D

Acq: 28 Mar 2019 14:39

Instrument :

MSVOA_N

ClientSampled :

TP-5

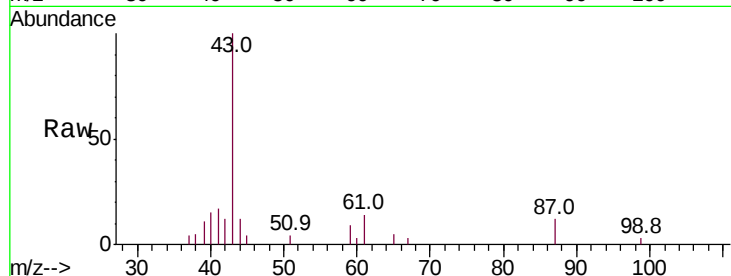
Tot Ion: 43 Resp: 13761

Ion Ratio Lower Upper

43 100

61 11.3 15.8 23.8#

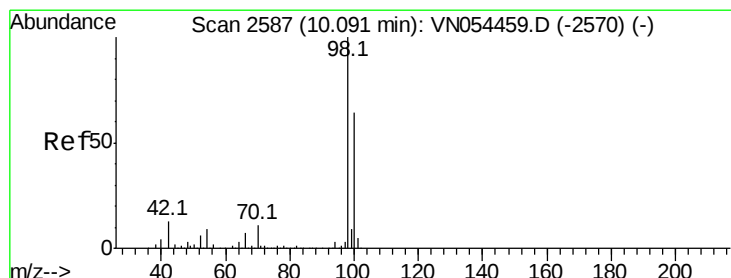
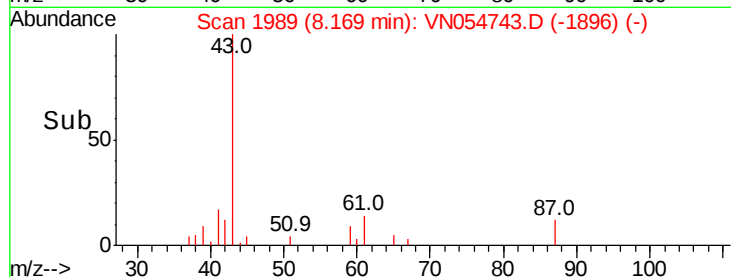
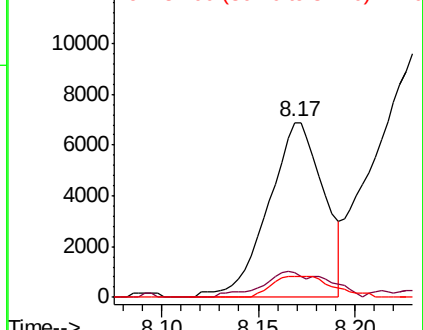
87 13.3 12.0 18.0



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: 49.785 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054743.D

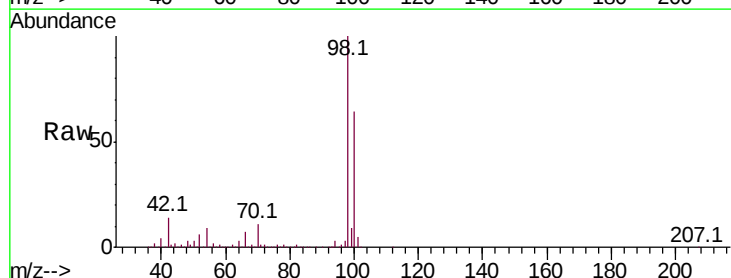
Acq: 28 Mar 2019 14:39

Tgt Ion: 98 Resp: 1093274

Ion Ratio Lower Upper

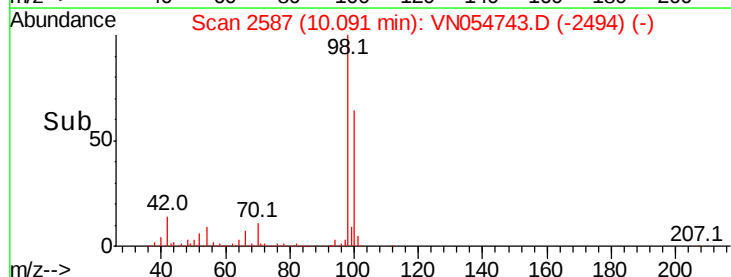
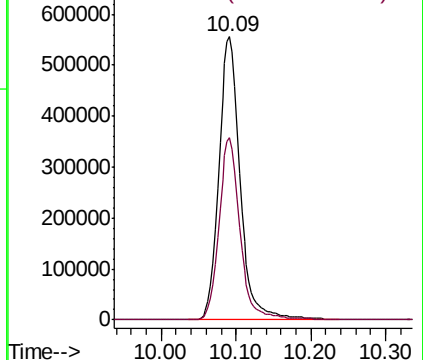
98 100

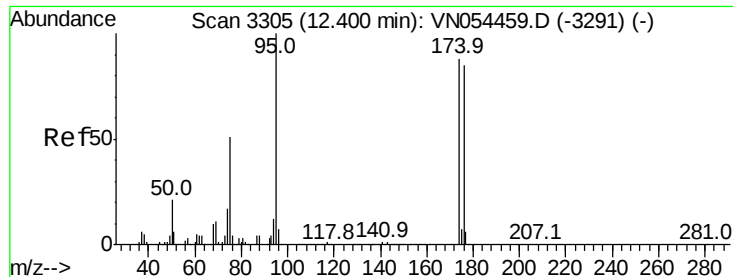
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.894 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054743.D

Acq: 28 Mar 2019 14:39

Instrument :

MSVOA_N

ClientSampled :

TP-5

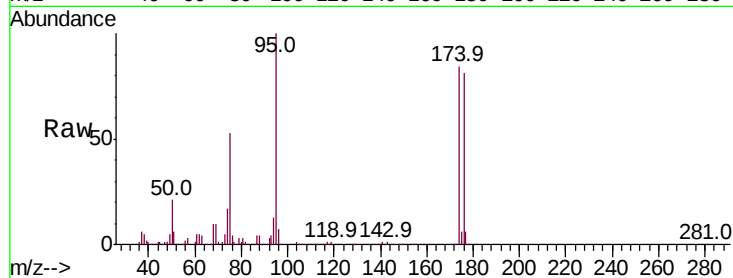
Tot Ion: 95 Resp: 342948

Ion Ratio Lower Upper

95 100

174 83.7 0.0 191.0

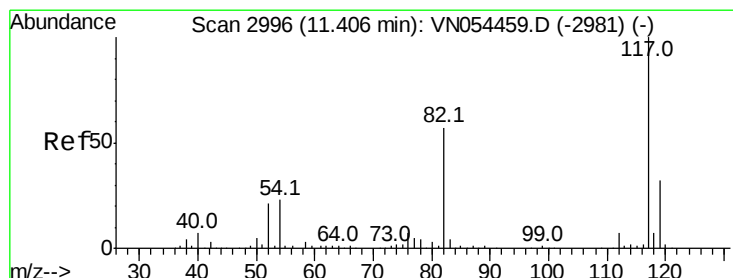
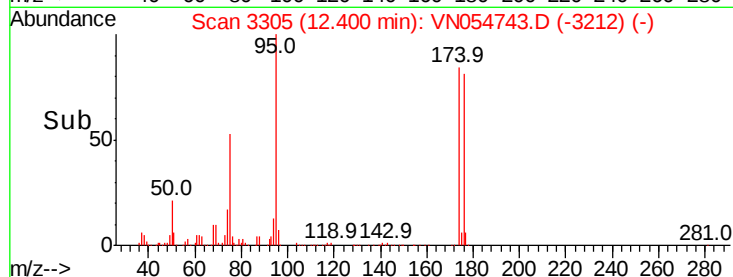
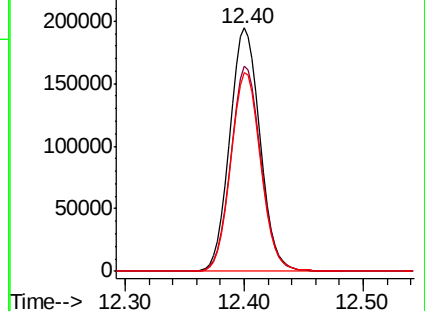
176 80.7 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054743.D

Acq: 28 Mar 2019 14:39

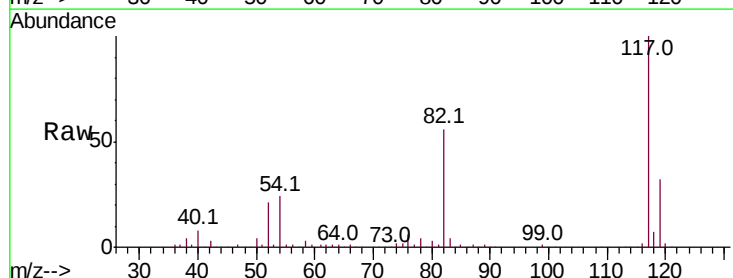
Tgt Ion: 117 Resp: 778499

Ion Ratio Lower Upper

117 100

82 55.5 40.0 60.0

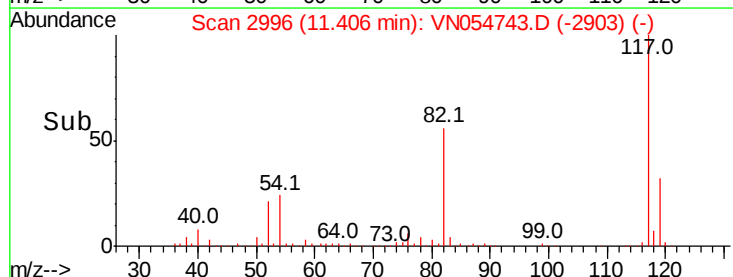
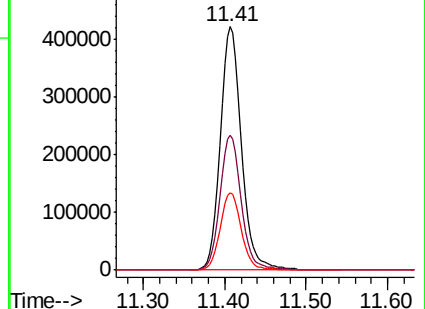
119 31.7 25.8 38.6

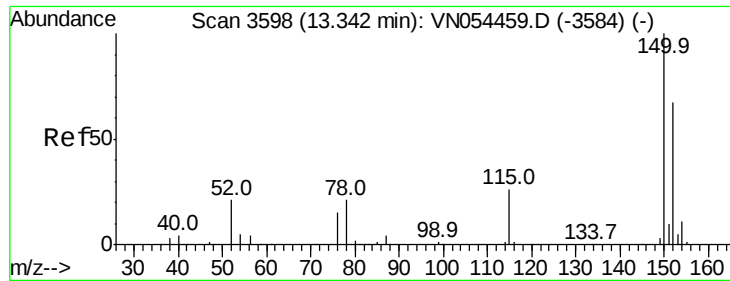


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.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: VN054743.D

Acq: 28 Mar 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

TP-5

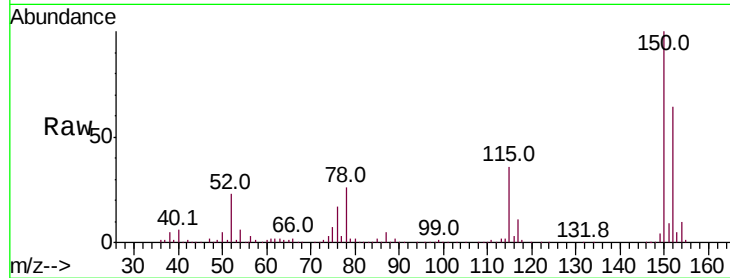
Tot Ion:152 Resp: 296830

Ion Ratio Lower Upper

152 100

115 56.9 27.2 81.6

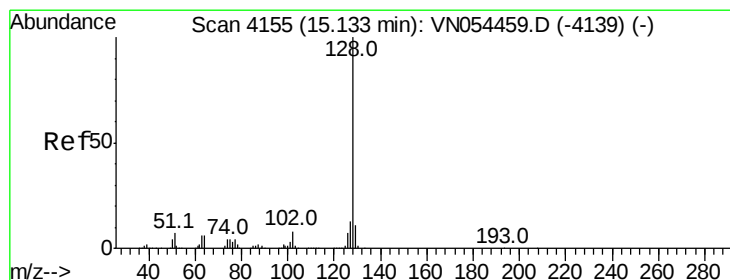
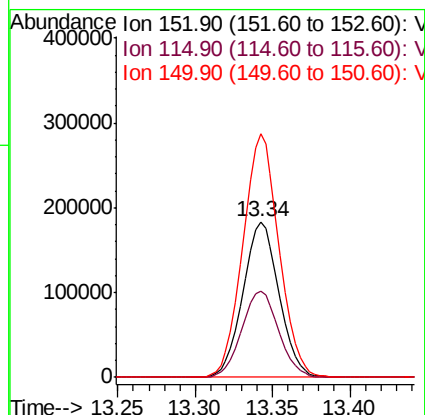
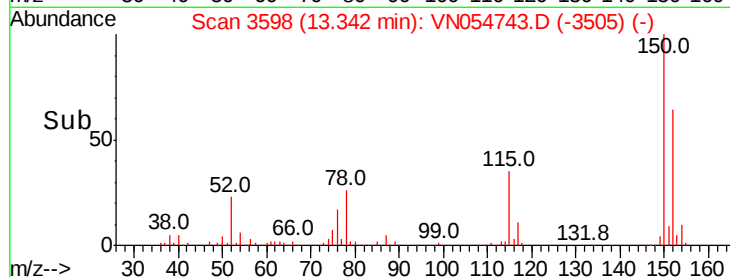
150 156.9 0.0 349.2



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: 5.000 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054743.D

Acq: 28 Mar 2019 14:39

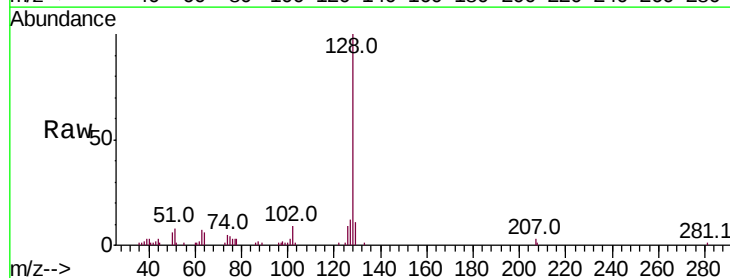
Tgt Ion:128 Resp: 52937

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

129 11.6 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

