

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054751.D
 Acq On : 28 Mar 2019 18:10
 Operator : JC/SP
 Sample : K2093-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30091-30097-4

Quant Time: Mar 29 07:35:11 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

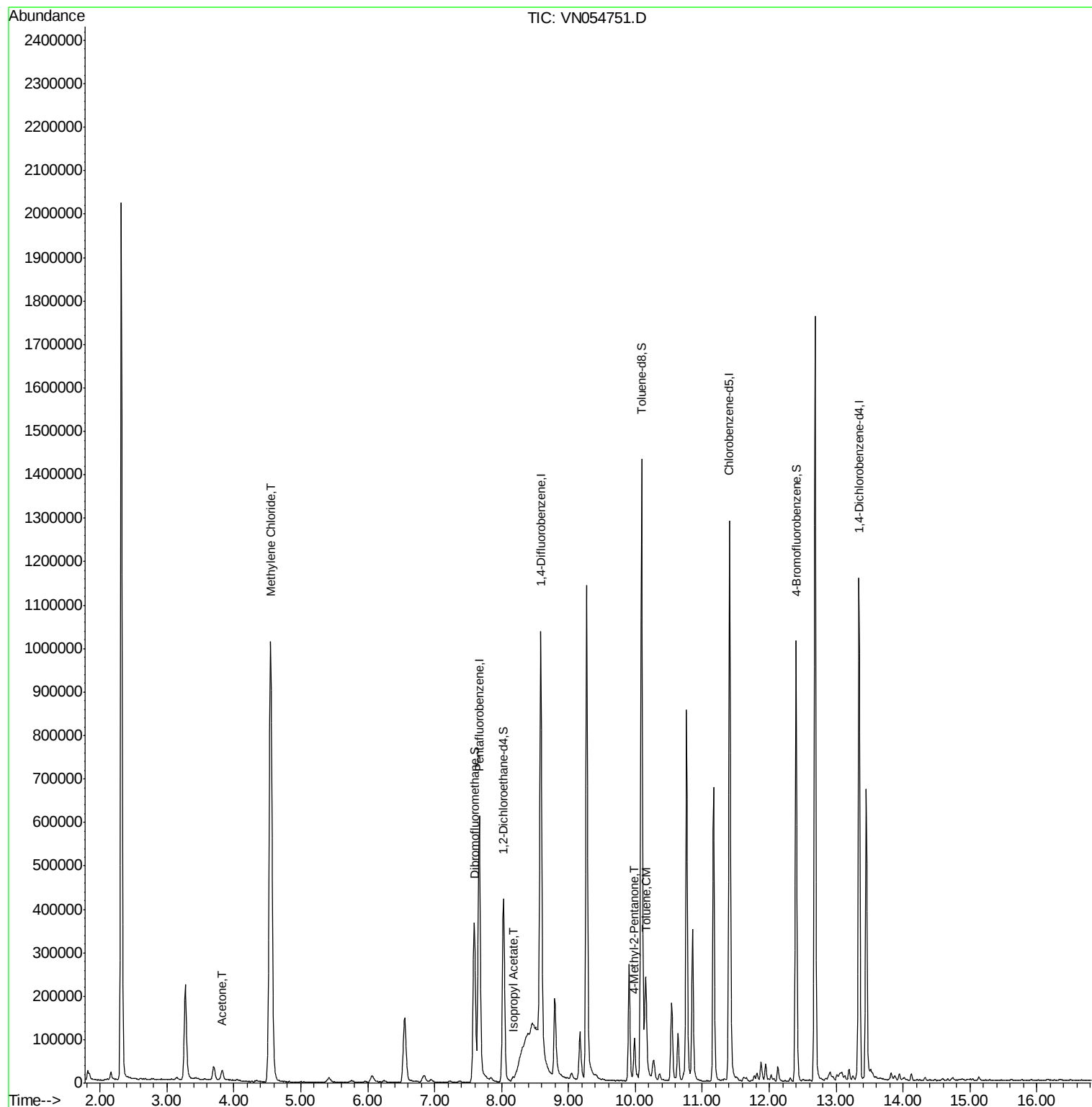
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	540372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	874940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	754429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	303181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	349559	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
35) Dibromofluoromethane	7.59	113	278422	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	10.09	98	1055755	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.40	95	346163	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
Target Compounds						
16) Acetone	3.82	43	36251	17.939	ug/l	90
20) Methylene Chloride	4.55	84	707669	118.799	ug/l #	80
43) Isopropyl Acetate	8.17	43	12394	1.261	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	83977	15.420	ug/l #	83
52) Toluene	10.16	92	91793	6.380	ug/l	98

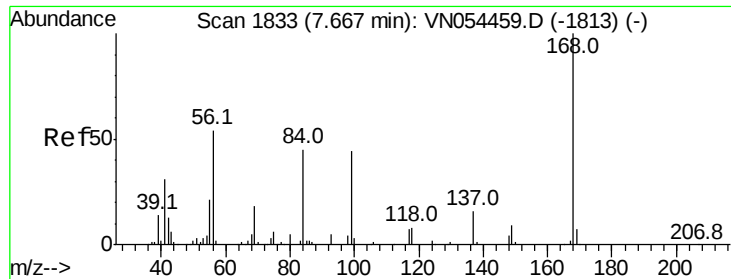
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032819\
Data File : VN054751.D
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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 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: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

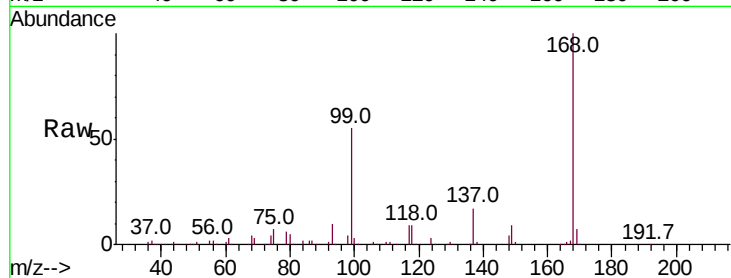
30091-30097-4

Tot Ion:168 Resp: 540372

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): VN

7.67

250000

200000

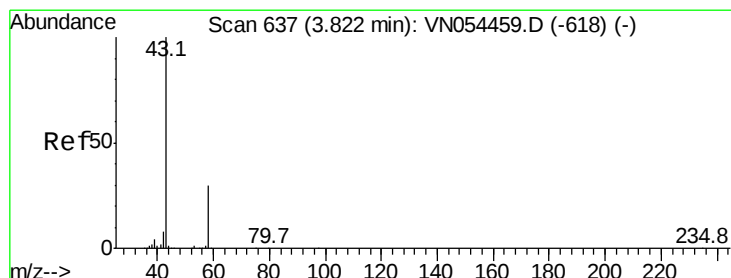
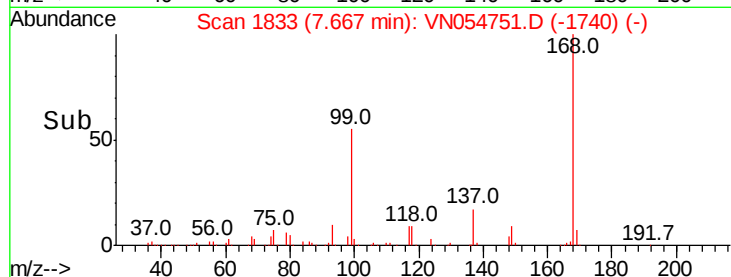
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.939 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054751.D

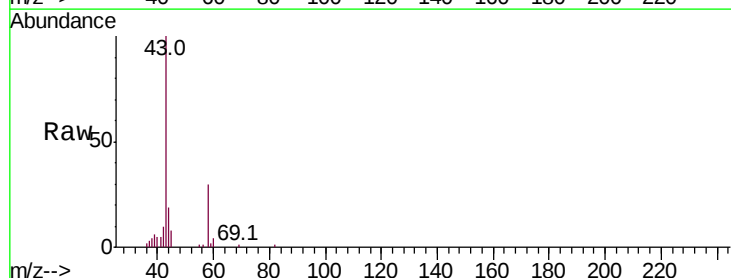
Acq: 28 Mar 2019 18:10

Tgt Ion: 43 Resp: 36251

Ion Ratio Lower Upper

43 100

58 31.3 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

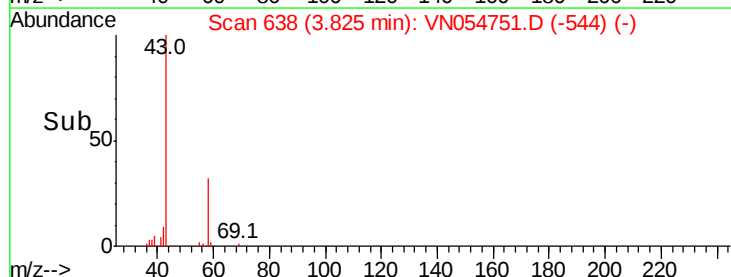
15000

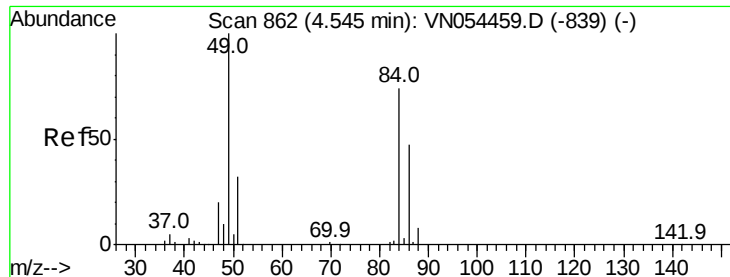
10000

5000

0

Time-->

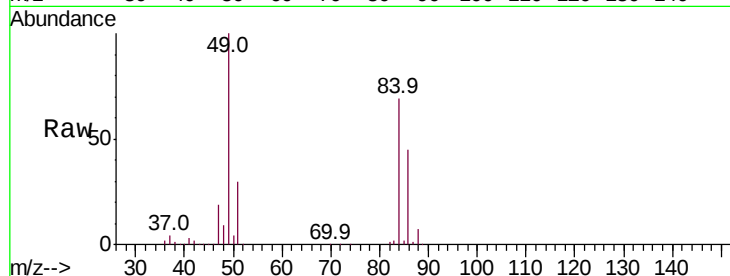




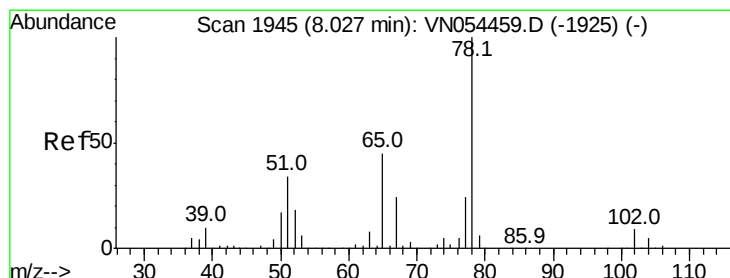
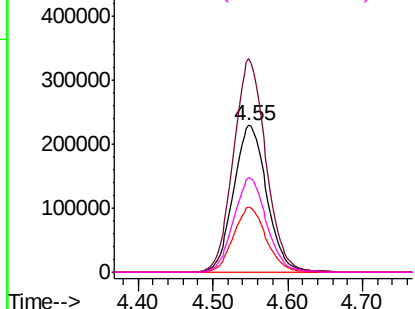
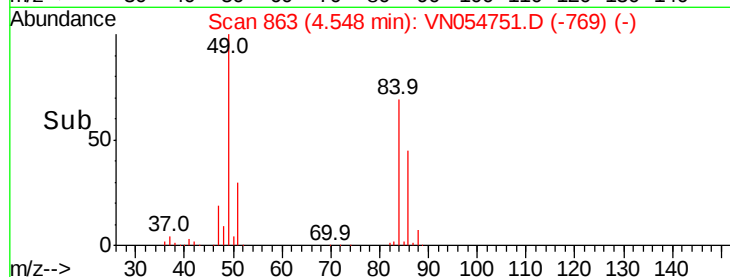
#20
Methylene Chloride
Concen: 118.799 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054751.D
Acq: 28 Mar 2019 18:10

Instrument :
MSVOA_N
ClientSampled :
30091-30097-4

Tot Ion: 84 Resp: 707669
Ion Ratio Lower Upper
84 100
49 145.2 89.7 134.5#
51 44.3 28.2 42.4#
86 64.8 50.8 76.2

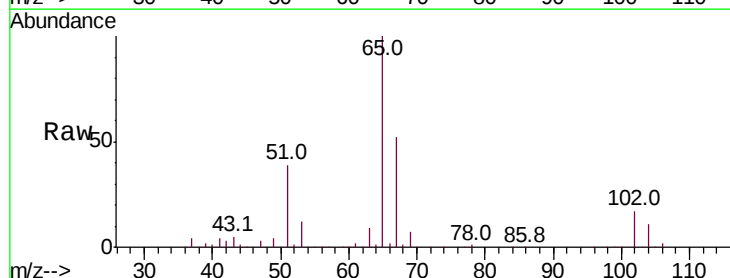


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

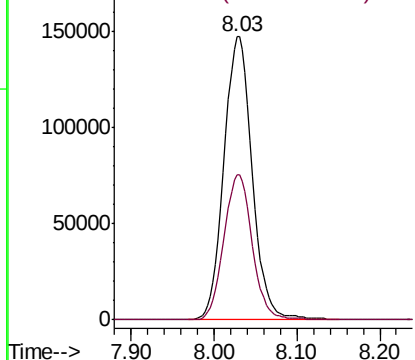
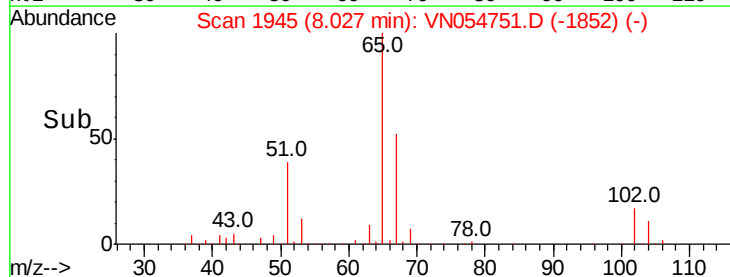


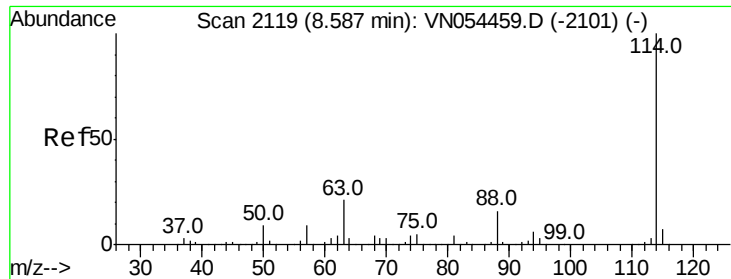
#33
1,2-Dichloroethane-d4
Concen: 52.007 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054751.D
Acq: 28 Mar 2019 18:10

Tgt Ion: 65 Resp: 349559
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.6



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

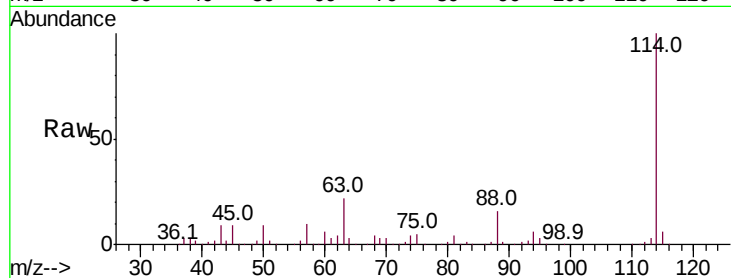




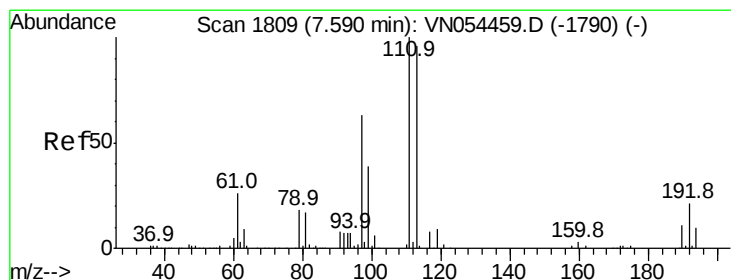
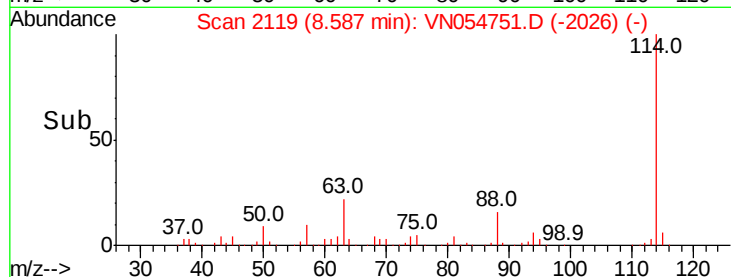
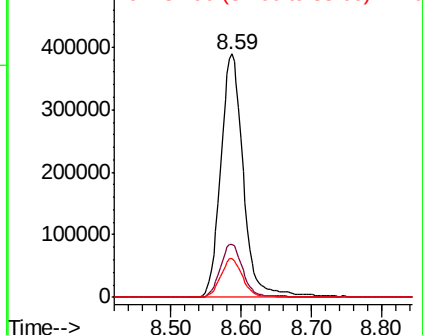
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054751.D
 Acq: 28 Mar 2019 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 30091-30097-4

Tot Ion:114 Resp: 874940
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 35.2
 88 15.9 0.0 30.2

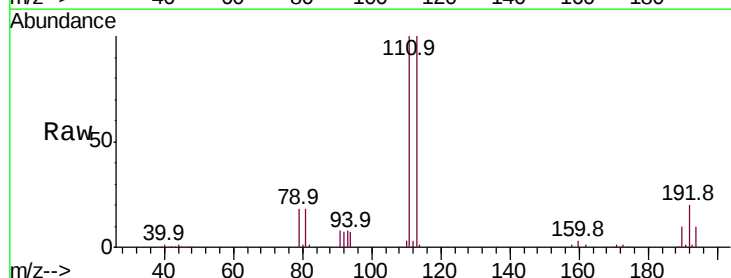


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

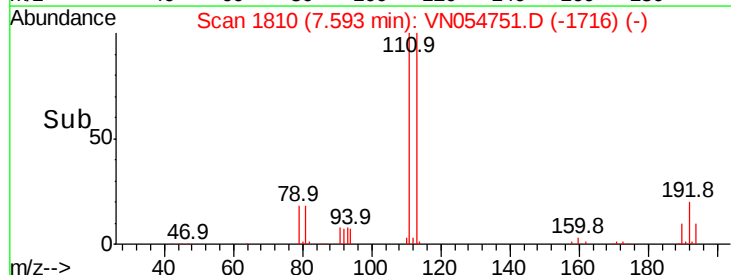
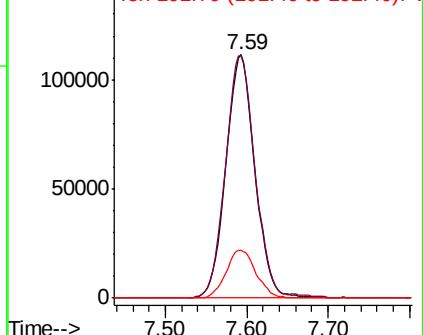


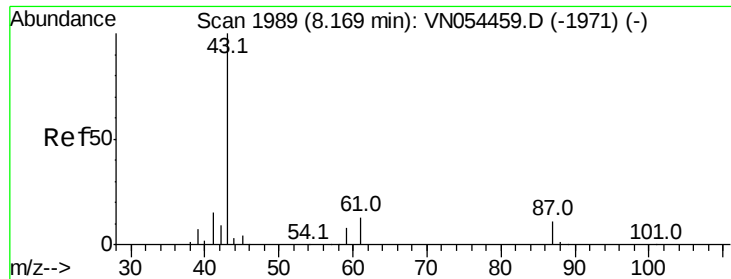
#35
 Dibromofluoromethane
 Concen: 49.394 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054751.D
 Acq: 28 Mar 2019 18:10

Tgt Ion:113 Resp: 278422
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.2 123.4
 192 20.5 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: 1.261 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

30091-30097-4

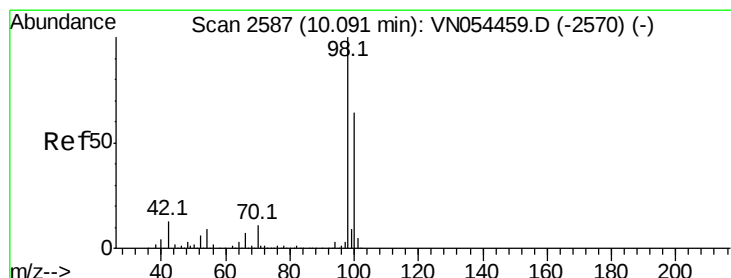
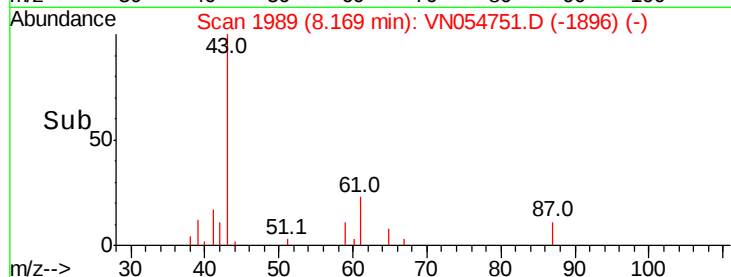
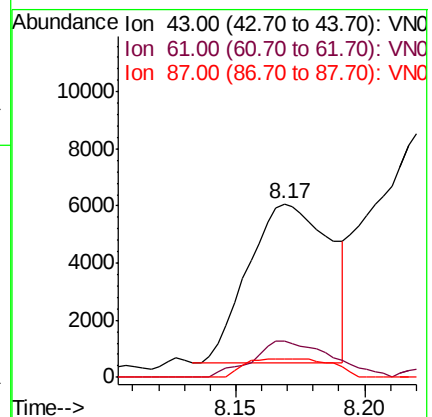
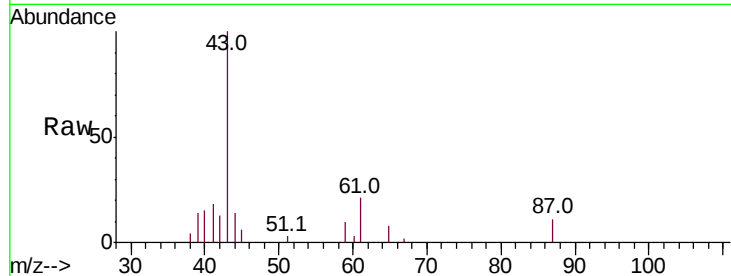
Tot Ion: 43 Resp: 12394

Ion Ratio Lower Upper

43 100

61 22.0 15.8 23.8

87 12.1 12.0 18.0



#50

Toluene-d8

Concen: 49.821 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054751.D

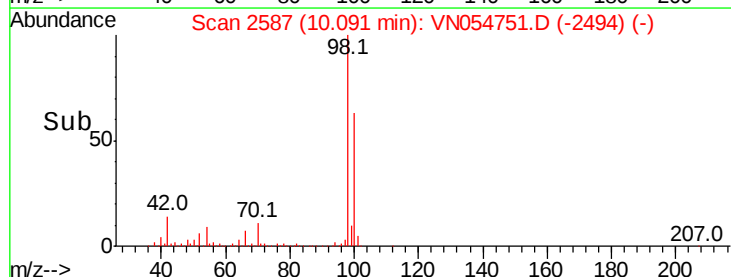
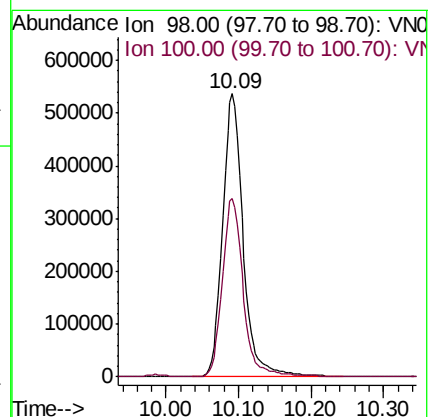
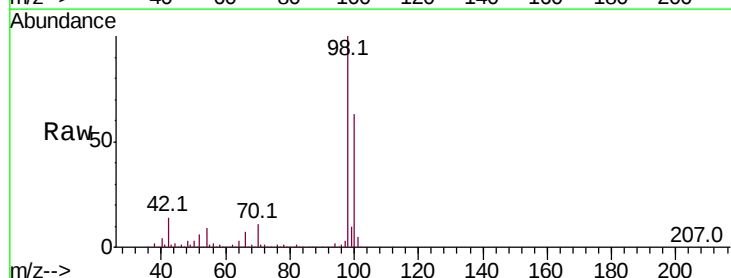
Acq: 28 Mar 2019 18:10

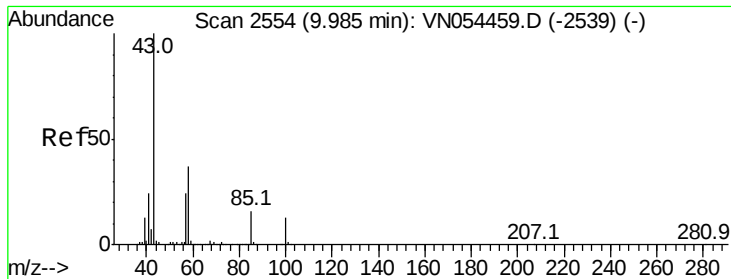
Tgt Ion: 98 Resp: 1055755

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 15.420 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

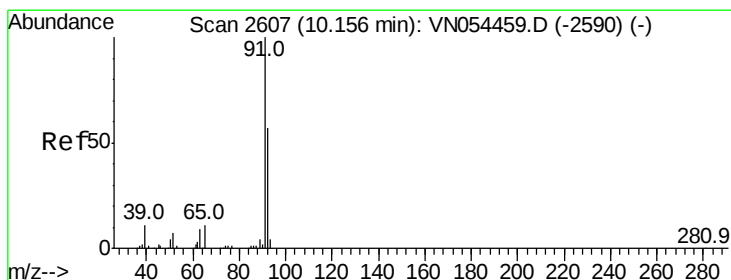
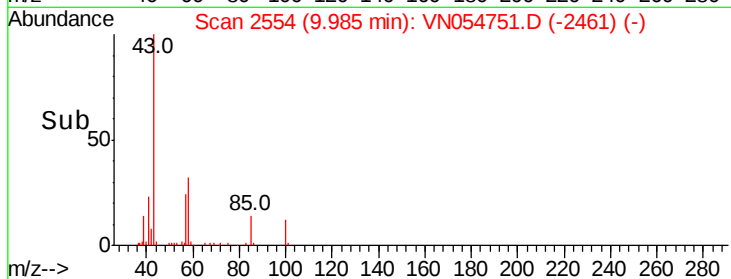
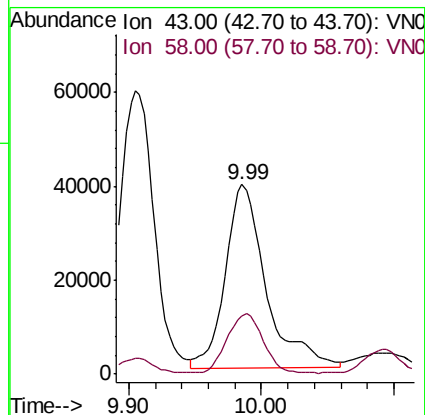
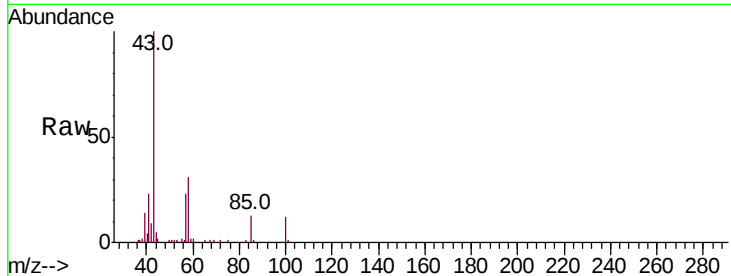
30091-30097-4

Tot Ion: 43 Resp: 83977

Ion Ratio Lower Upper

43 100

58 29.4 31.8 47.6#



#52

Toluene

Concen: 6.380 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054751.D

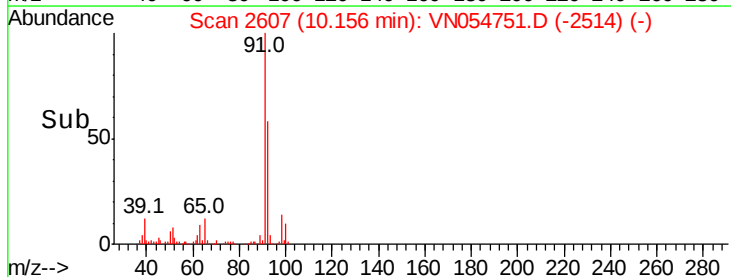
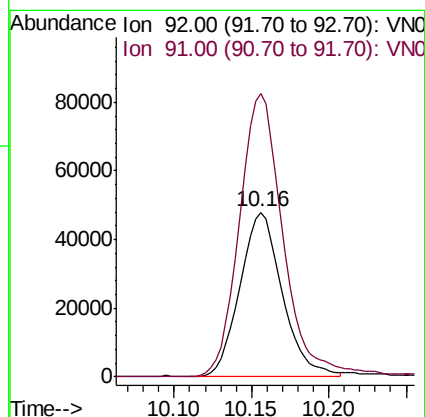
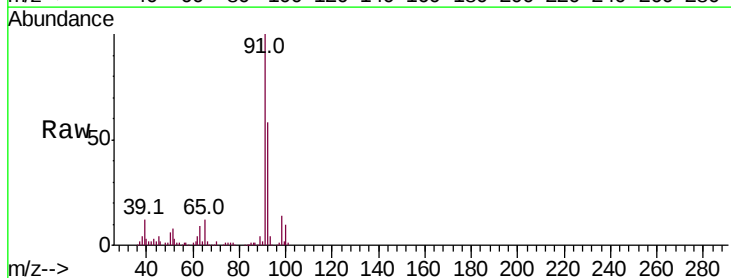
Acq: 28 Mar 2019 18:10

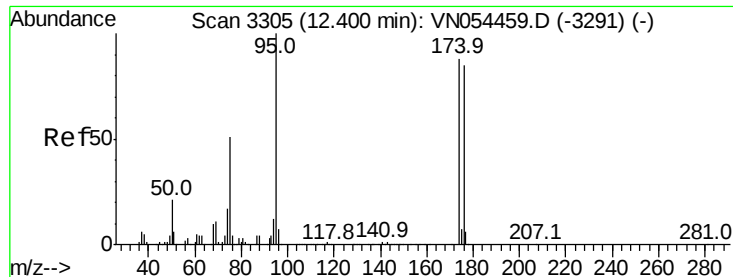
Tgt Ion: 92 Resp: 91793

Ion Ratio Lower Upper

92 100

91 178.1 140.7 211.1





#62

4-Bromofluorobenzene

Concen: 48.006 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampled :

30091-30097-4

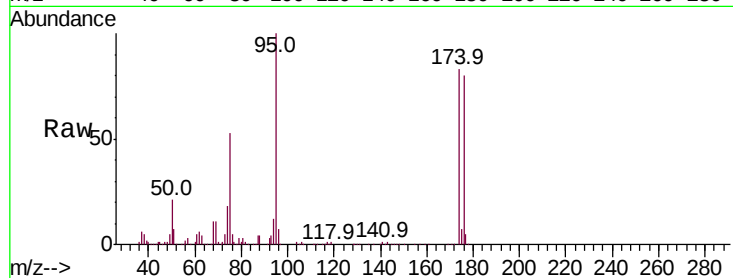
Tot Ion: 95 Resp: 346163

Ion Ratio Lower Upper

95 100

174 83.1 0.0 191.0

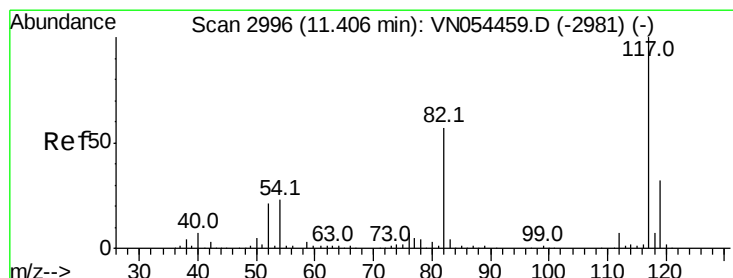
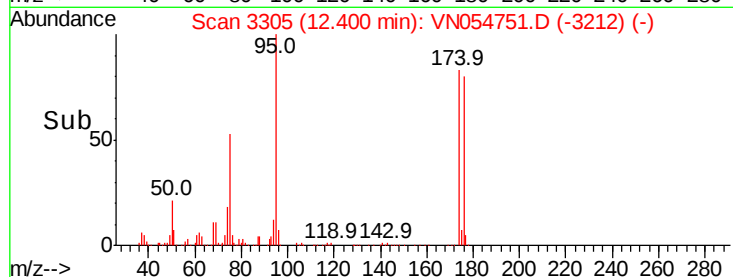
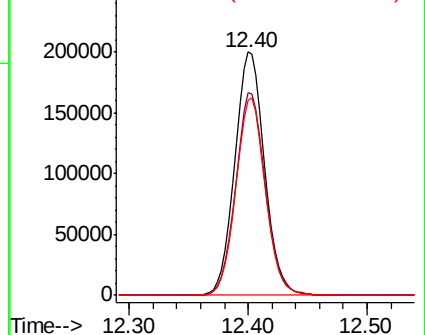
176 80.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

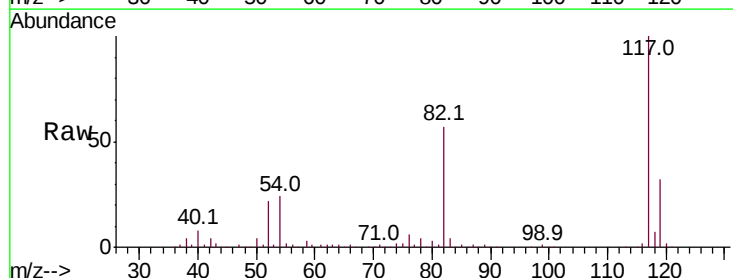
Tgt Ion: 117 Resp: 754429

Ion Ratio Lower Upper

117 100

82 57.4 40.0 60.0

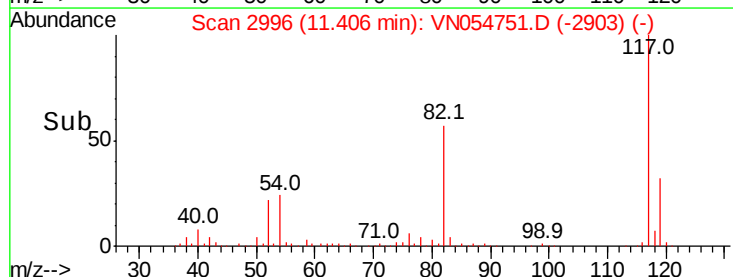
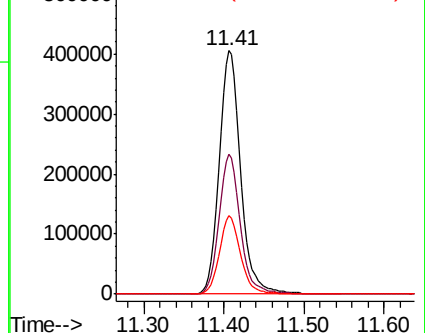
119 32.2 25.8 38.6

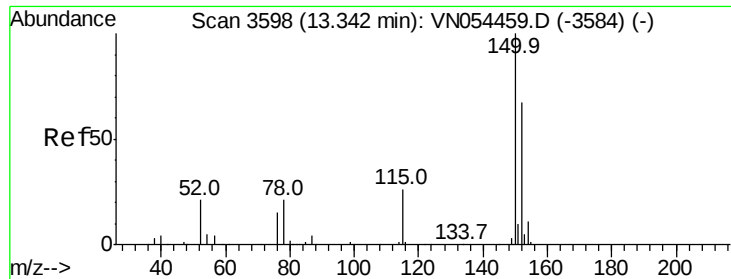


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054751.D

Acq: 28 Mar 2019 18:10

Instrument :

MSVOA_N

ClientSampleId :

30091-30097-4

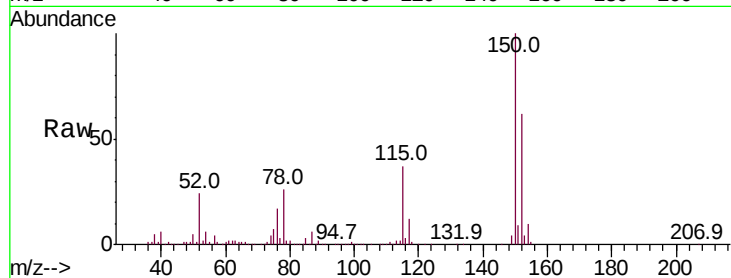
Tot Ion:152 Resp: 303181

Ion Ratio Lower Upper

152 100

115 59.5 27.2 81.6

150 160.3 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

