

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054009.D
 Acq On : 28 Feb 2019 17:27
 Operator : JC/SP
 Sample : K1651-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 351-281

Quant Time: Mar 01 05:01:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

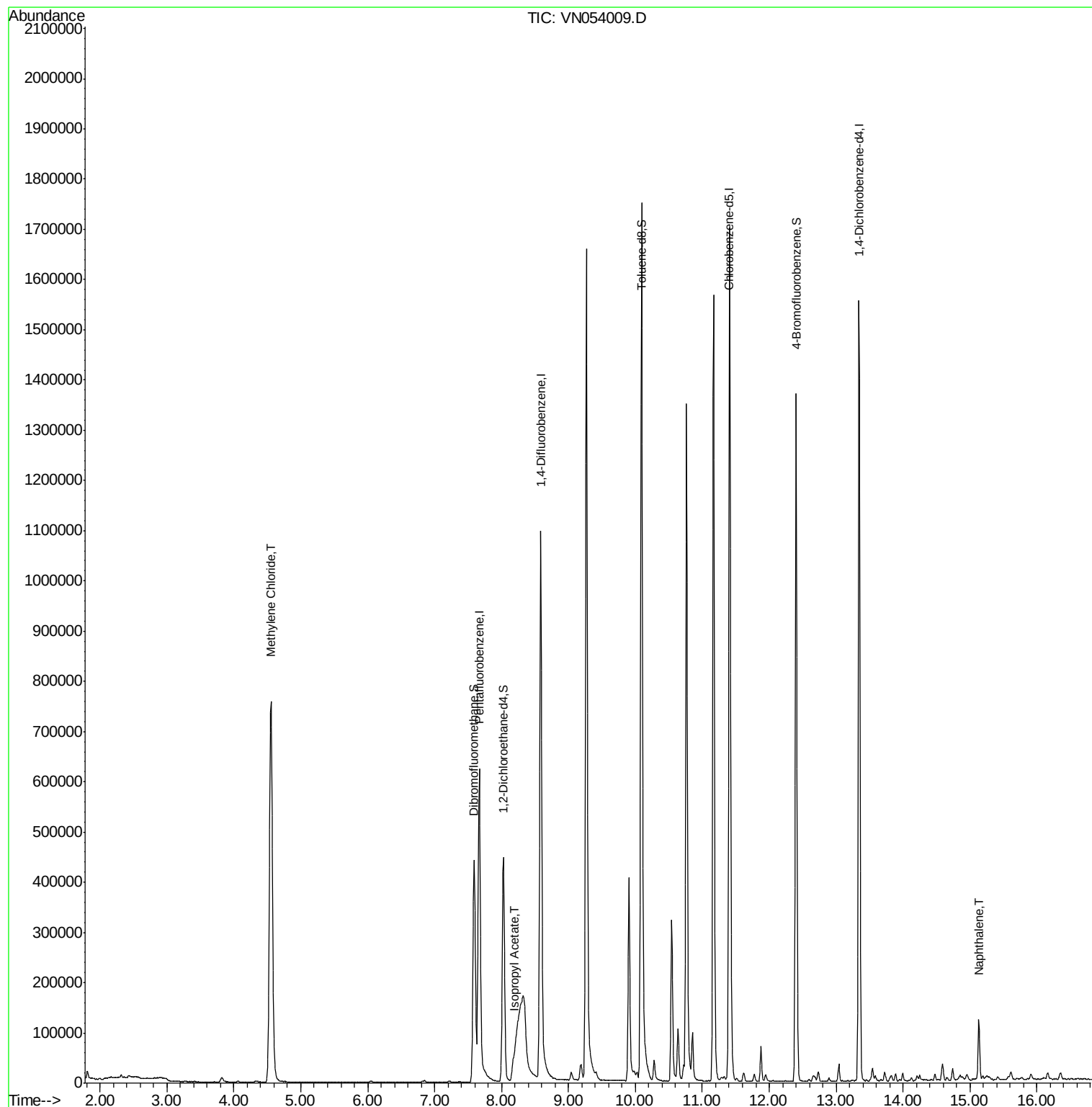
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	582312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1083424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1081850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	430219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	385878	56.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.06%	
35) Dibromofluoromethane	7.59	113	346058	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	10.09	98	1389929	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.40	95	485397	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.72%	
Target Compounds						
20) Methylene Chloride	4.55	84	583627	86.388	ug/l	91
43) Isopropyl Acetate	8.18	43	43664	3.595	ug/l #	82
95) Naphthalene	15.13	128	104547	8.955	ug/l	99

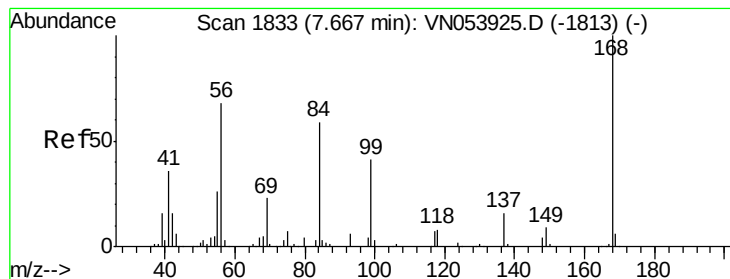
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022819\
Data File : VN054009.D
Acq On : 28 Feb 2019 17:27
Operator : JC/SP
Sample : K1651-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
351-281

Quant Time: Mar 01 05:01:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 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: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

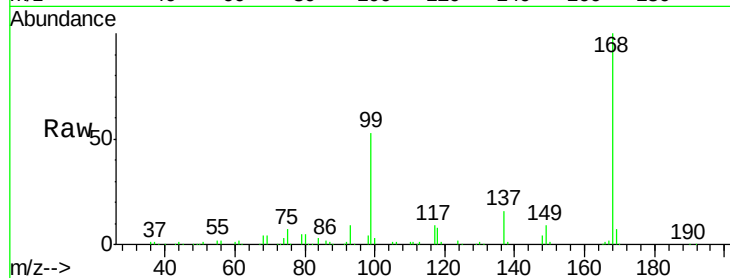
351-281

Tot Ion:168 Resp: 582312

Ion Ratio Lower Upper

168 100

99 52.6 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

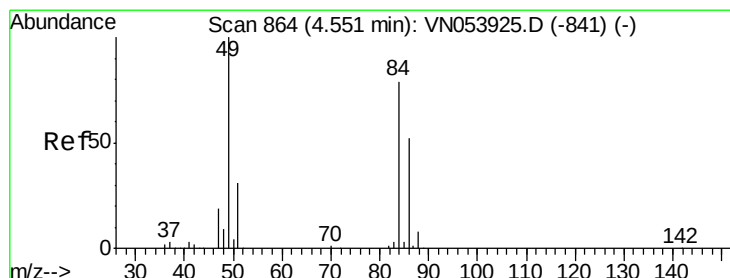
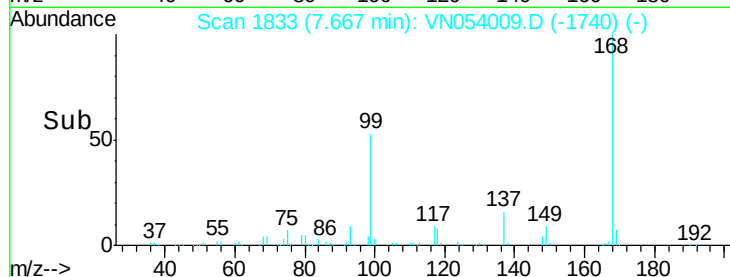
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 86.388 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Tgt Ion: 84 Resp: 583627

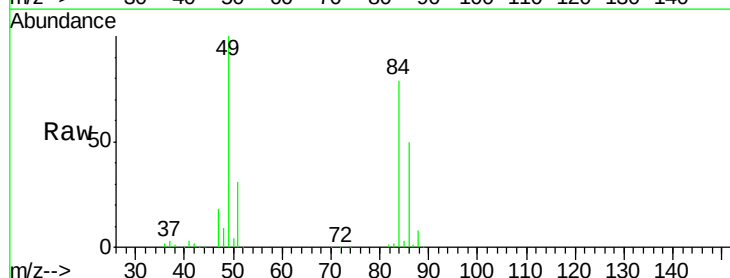
Ion Ratio Lower Upper

84 100

49 126.6 89.7 134.5

51 39.5 27.8 41.8

86 63.5 51.3 76.9



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

4.55

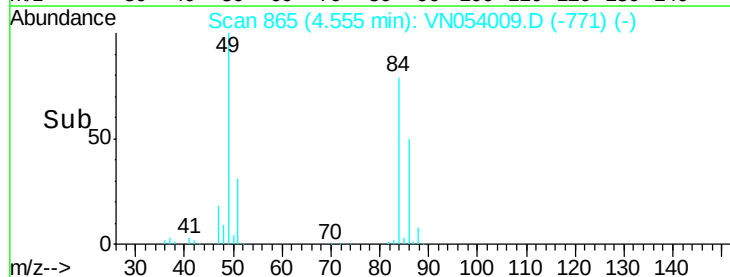
300000

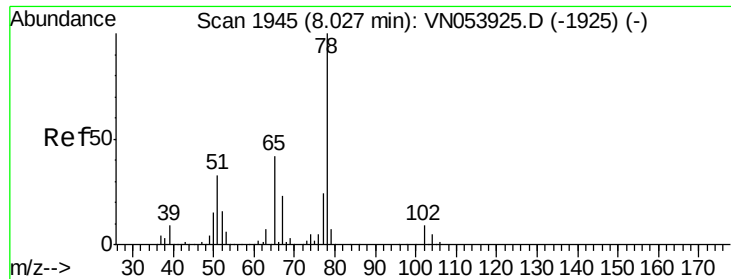
200000

100000

0

Time-->

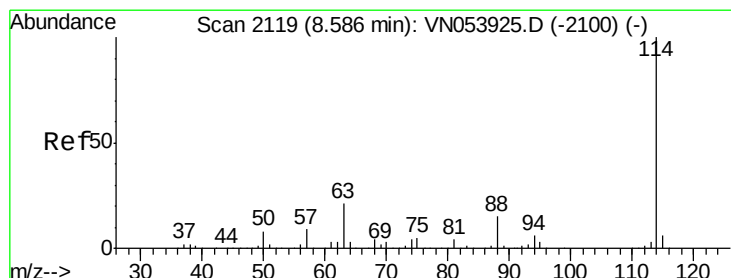
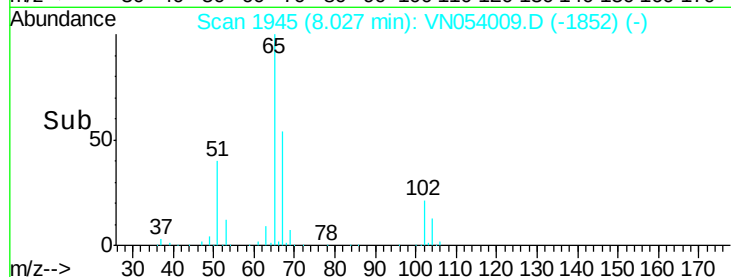
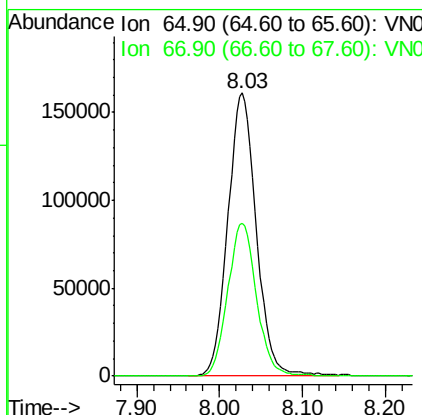
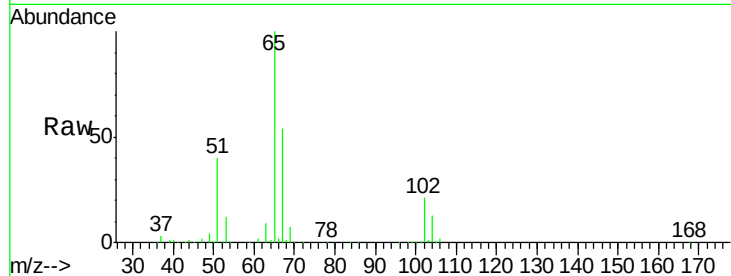




#33
 1,2-Dichloroethane-d4
 Concen: 56.531 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054009.D
 Acq: 28 Feb 2019 17:27

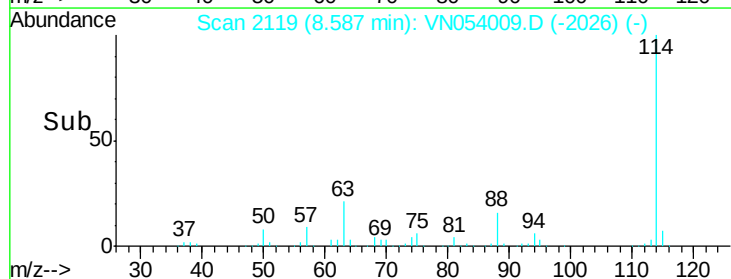
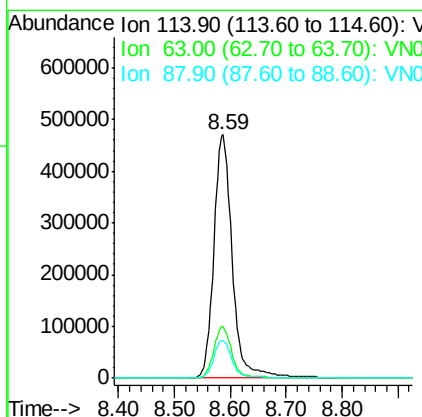
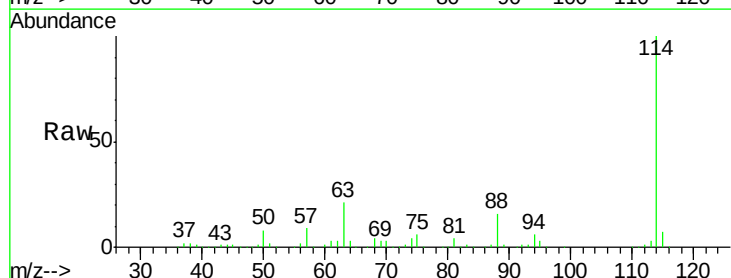
Instrument :
 MSVOA_N
 ClientSampleId :
 351-281

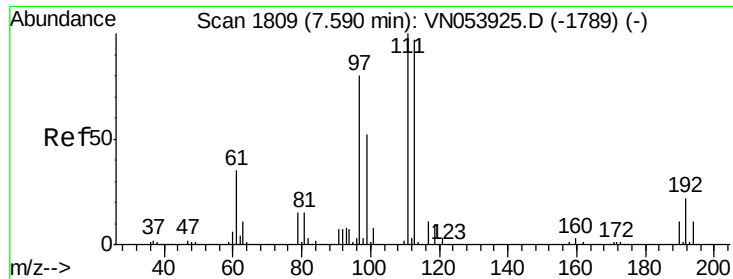
Tot Ion: 65 Resp: 385878
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054009.D
 Acq: 28 Feb 2019 17:27

Tgt Ion: 114 Resp: 1083424
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.4
 88 15.6 0.0 30.4

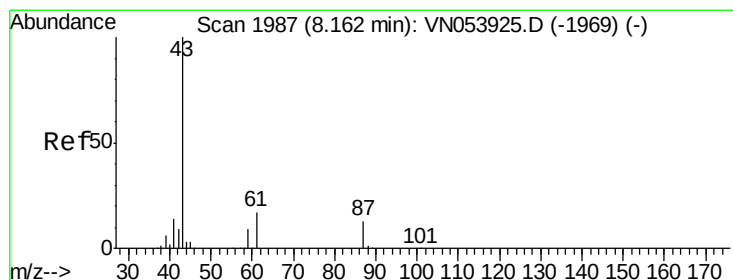
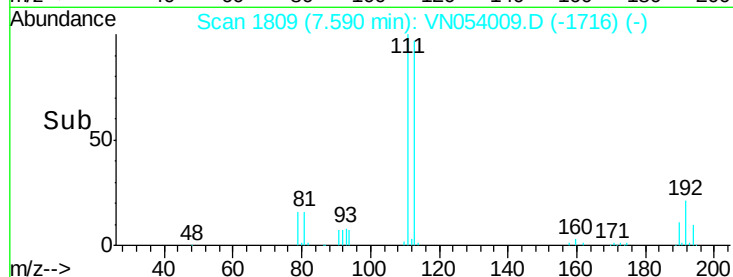
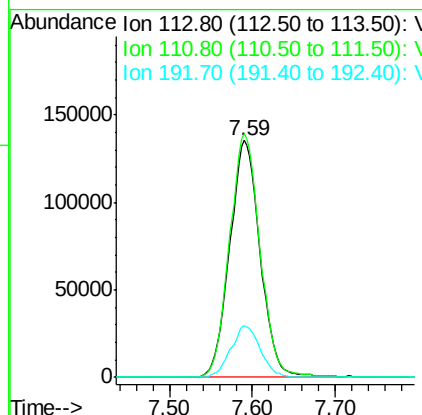
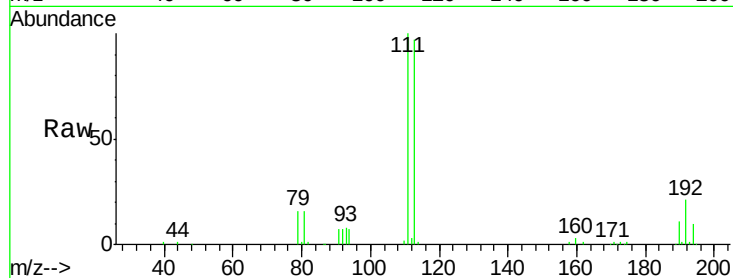




#35
 Dibromofluoromethane
 Concen: 49.394 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054009.D
 Acq: 28 Feb 2019 17:27

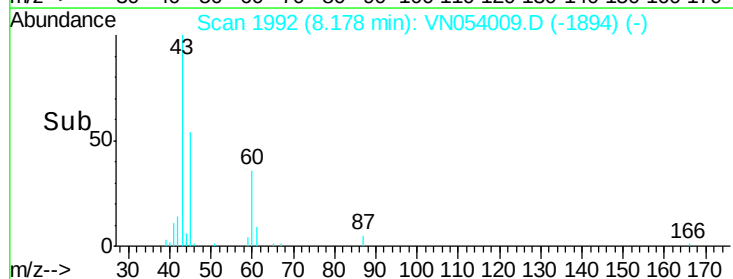
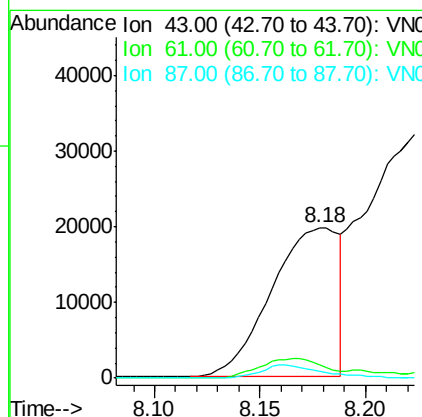
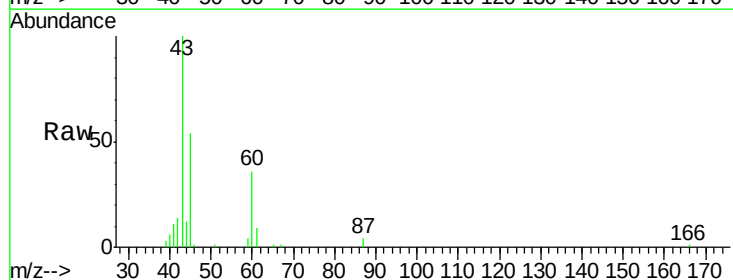
Instrument :
 MSVOA_N
 ClientSampled :
 351-281

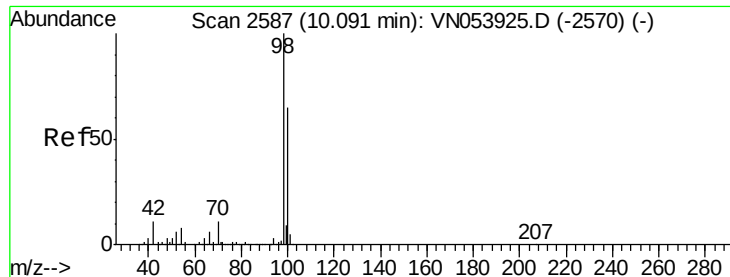
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.1	121.7
192	21.2	18.8	28.2



#43
 Isopropyl Acetate
 Concen: 3.595 ug/l
 RT: 8.18 min Scan# 1992
 Delta R.T. 0.02 min
 Lab File: VN054009.D
 Acq: 28 Feb 2019 17:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.3	17.4	26.0#
87	7.9	11.5	17.3#





#50

Toluene-d8

Concen: 53.294 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

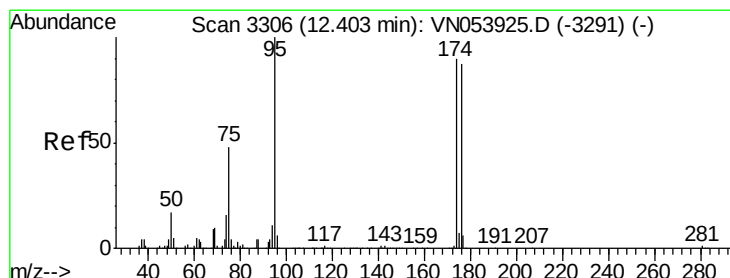
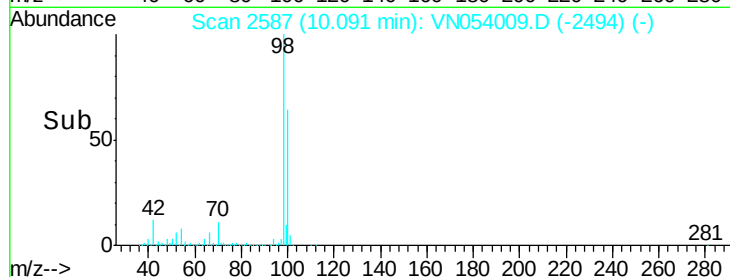
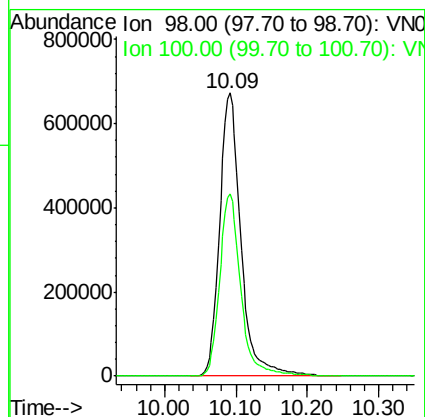
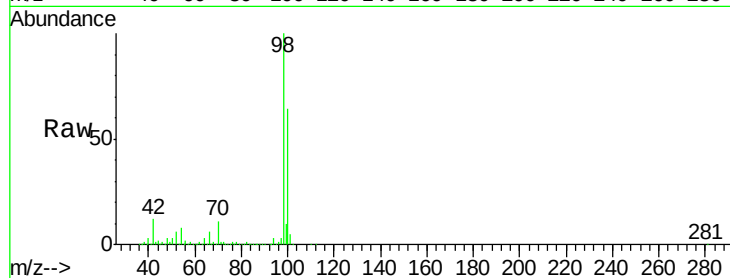
351-281

Tot Ion: 98 Resp: 1389929

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 55.862 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

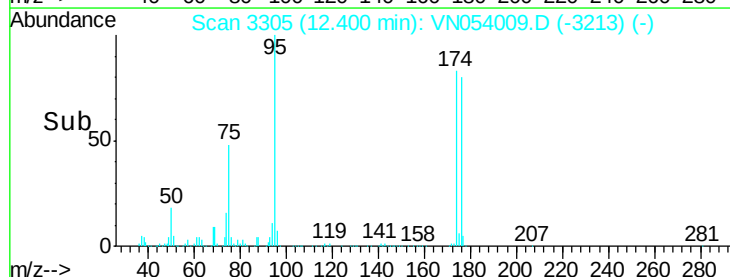
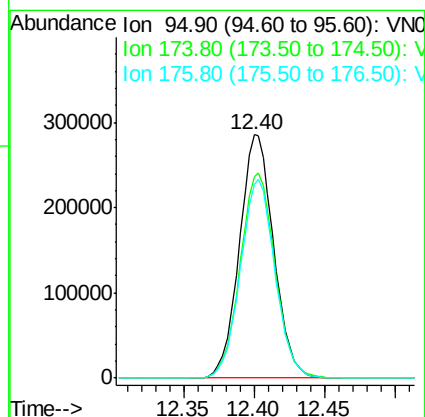
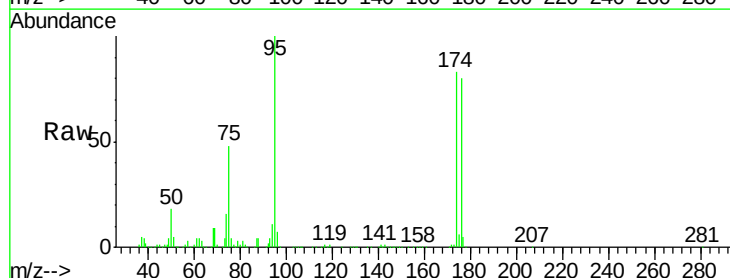
Tgt Ion: 95 Resp: 485397

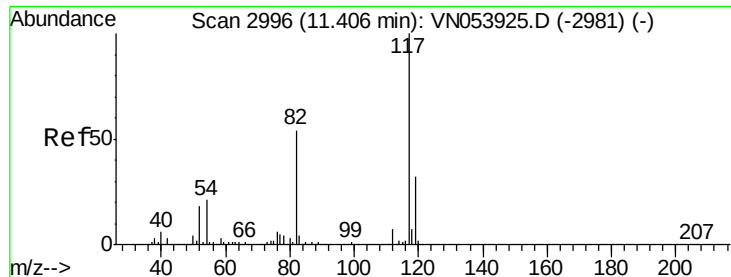
Ion Ratio Lower Upper

95 100

174 86.1 0.0 188.8

176 82.4 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

351-281

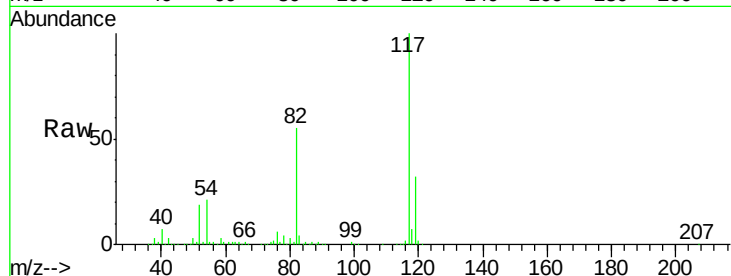
Tot Ion:117 Resp: 1081850

Ion Ratio Lower Upper

117 100

82 55.0 41.4 62.2

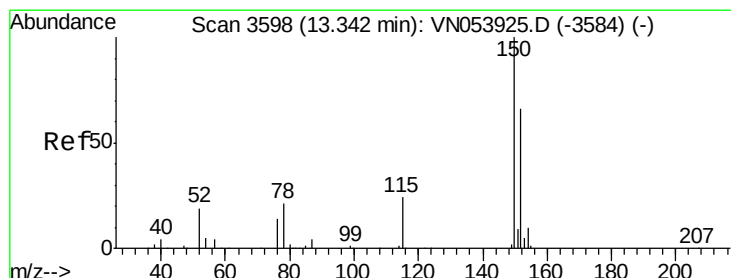
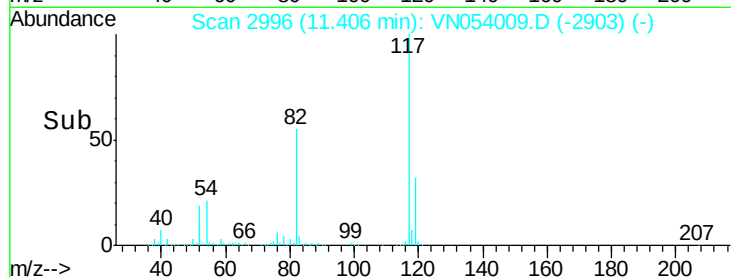
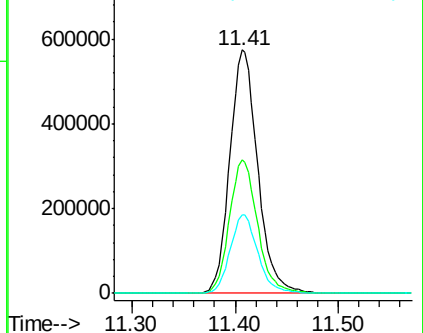
119 32.2 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

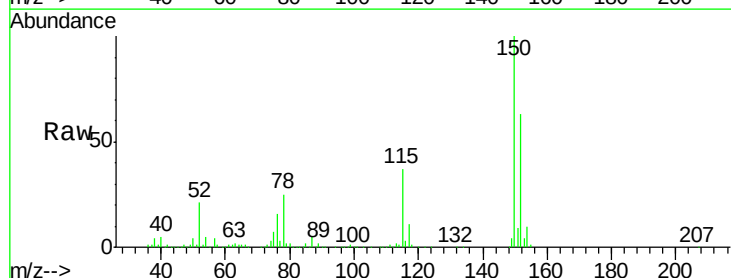
Tgt Ion:152 Resp: 430219

Ion Ratio Lower Upper

152 100

115 57.2 27.2 81.6

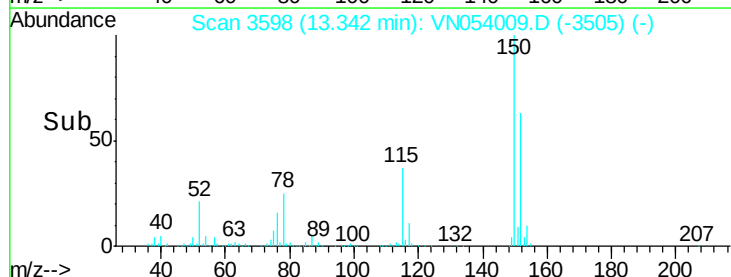
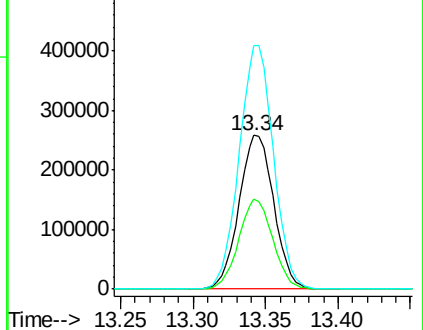
150 156.6 0.0 348.2

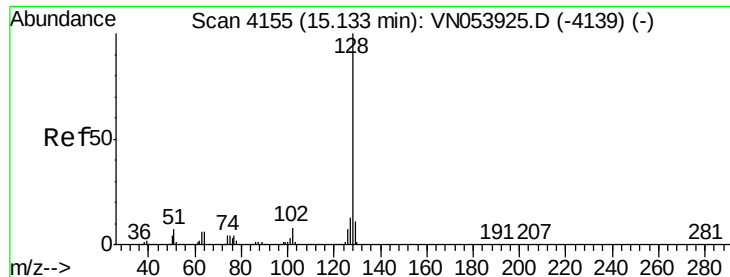


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 8.955 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054009.D

Acq: 28 Feb 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

351-281

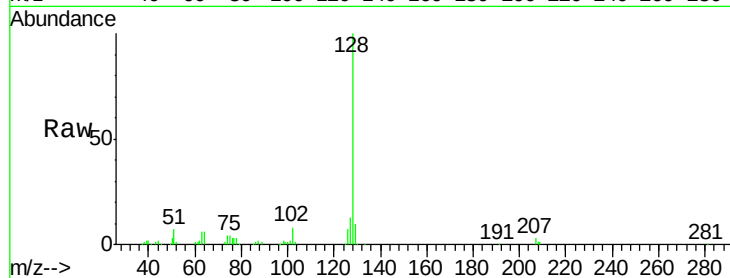
Tot Ion:128 Resp: 104547

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

129 10.5 8.6 12.8



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

