

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054286.D
 Acq On : 15 Mar 2019 3:11
 Operator : JC/SP
 Sample : K1897-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Mar 15 08:27:23 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

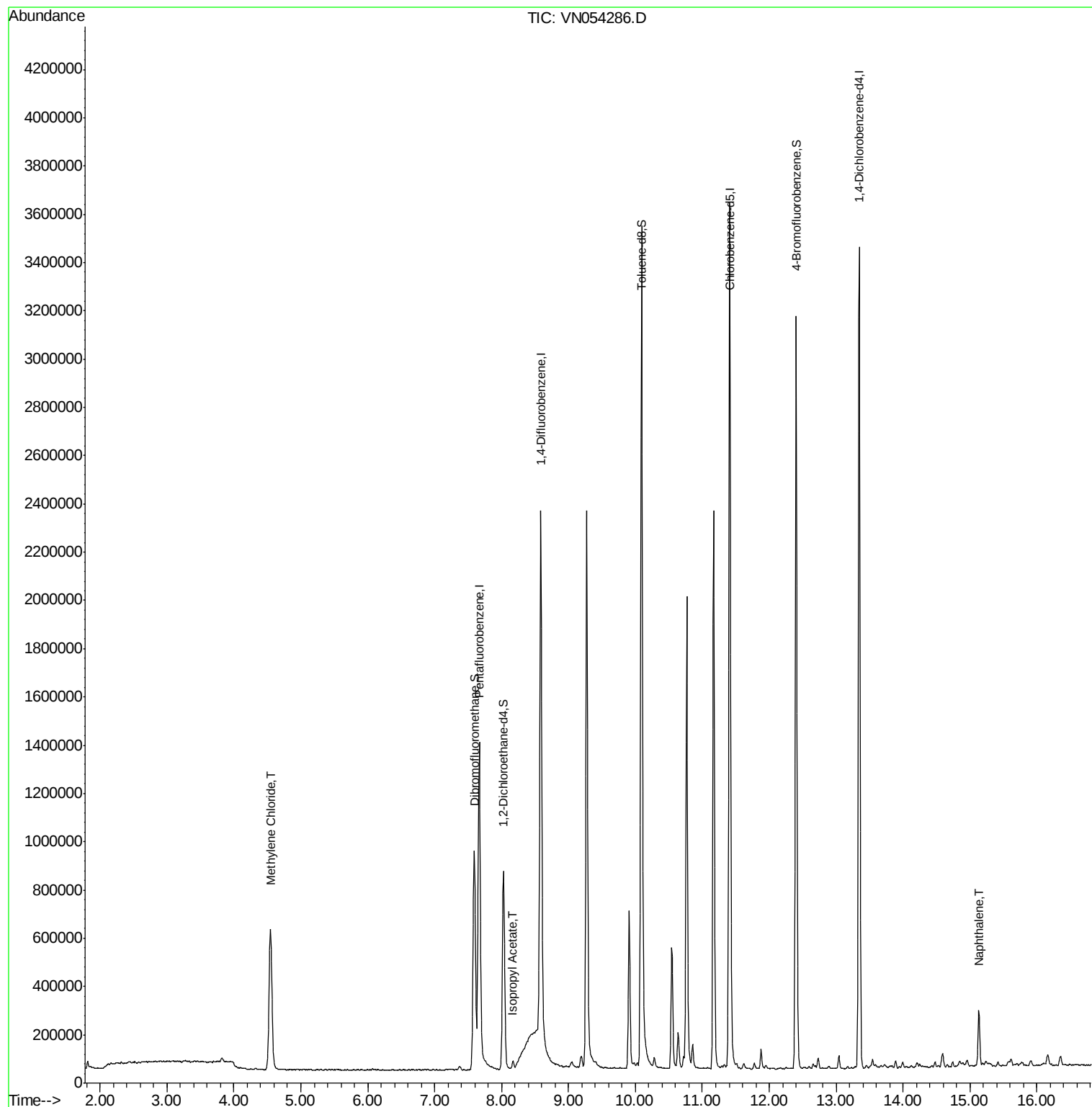
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1352361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2257327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2382179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1012741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	730367	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
35) Dibromofluoromethane	7.59	113	697875	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	10.09	98	2803311	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.40	95	1066664	56.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.40%	
Target Compounds						
20) Methylene Chloride	4.55	84	470225	34.825	ug/l	96
43) Isopropyl Acetate	8.17	43	39851	1.901	ug/l	97
95) Naphthalene	15.13	128	222052	8.122	ug/l	99

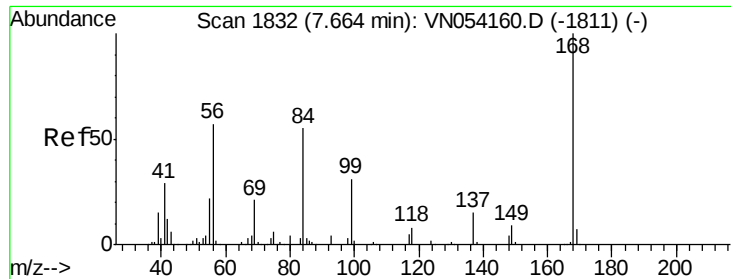
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
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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: VN054286.D

Acq: 15 Mar 2019 3:11

Instrument :

MSVOA_N

ClientSampled :

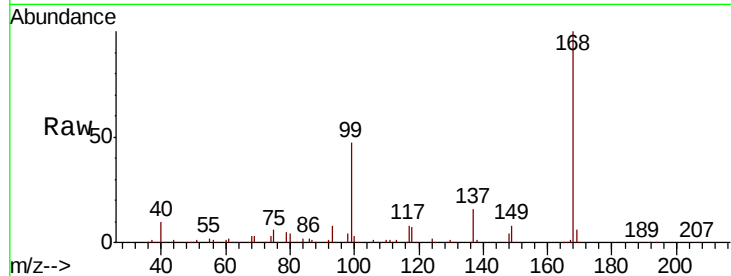
TP-2

Tgt Ion:168 Resp: 1352361

Ion Ratio Lower Upper

168 100

99 47.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

500000

400000

300000

200000

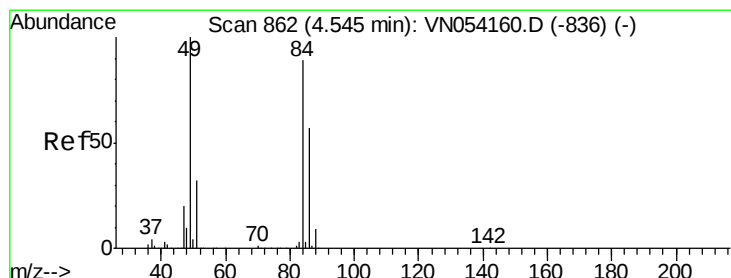
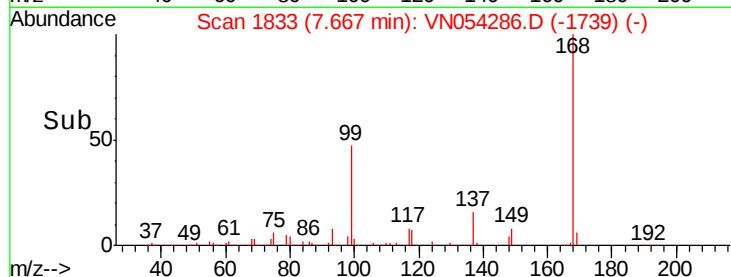
100000

0

7.67

7.50 7.60 7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 34.825 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054286.D

Acq: 15 Mar 2019 3:11

Tgt Ion: 84 Resp: 470225

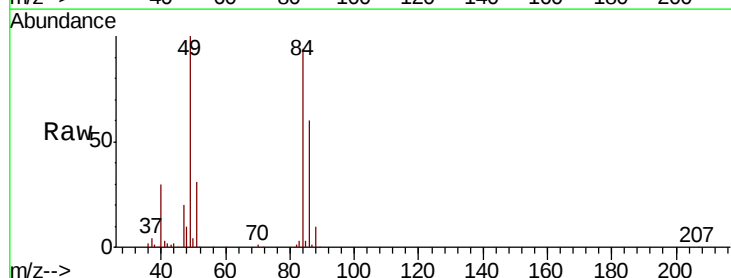
Ion Ratio Lower Upper

84 100

49 106.1 89.7 134.5

51 33.1 28.2 42.4

86 63.6 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

250000

200000

150000

100000

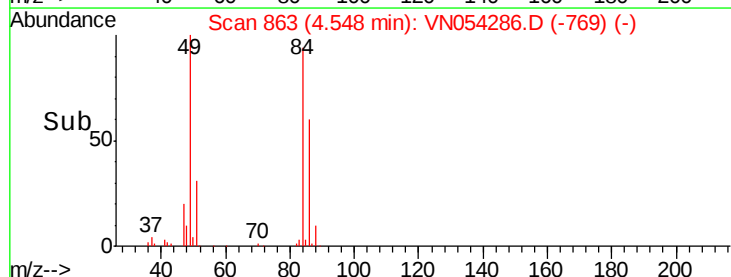
50000

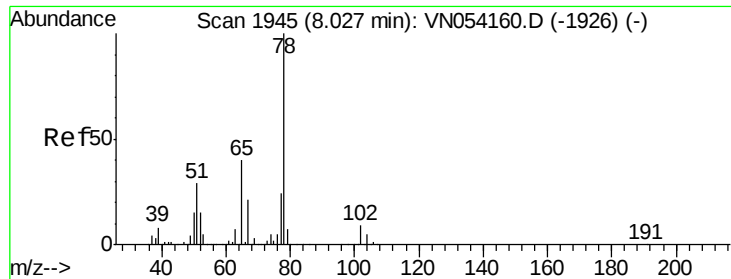
0

4.55

4.40 4.50 4.60 4.70

Time-->

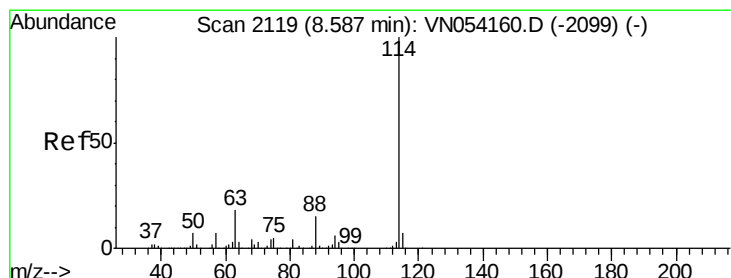
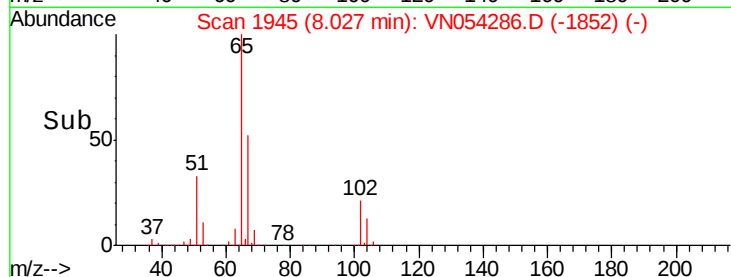
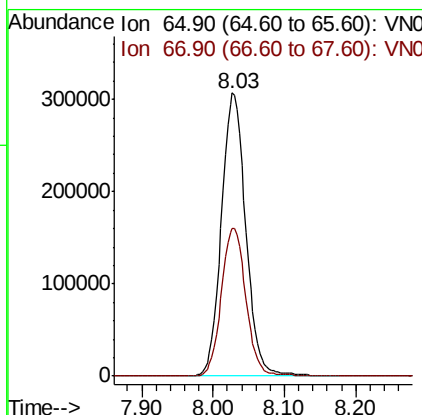
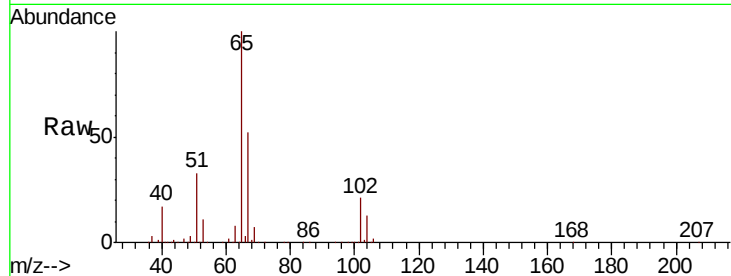




#33
 1,2-Dichloroethane-d4
 Concen: 50.854 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054286.D
 Acq: 15 Mar 2019 3:11

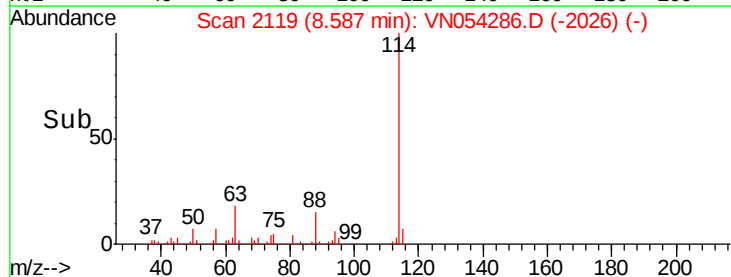
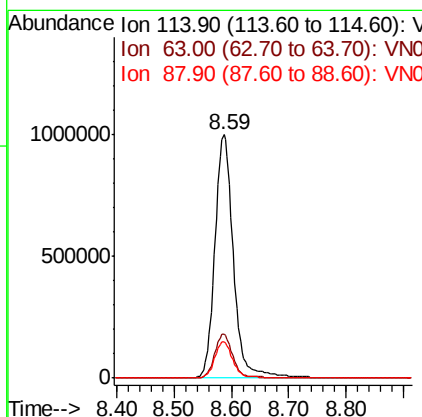
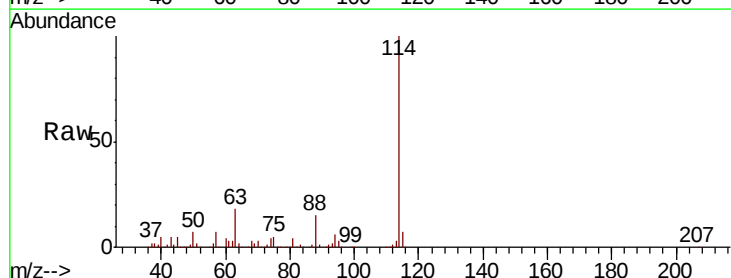
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

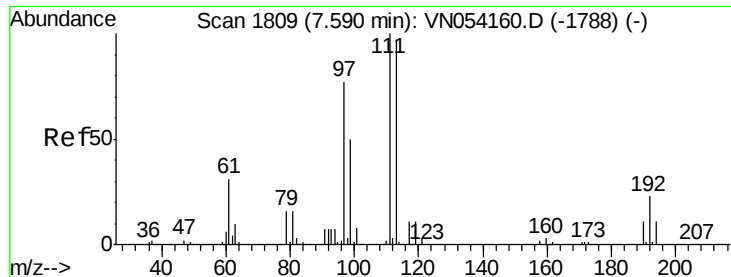
Tgt Ion: 65 Resp: 730367
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054286.D
 Acq: 15 Mar 2019 3:11

Tgt Ion: 114 Resp: 2257327
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 15.1 0.0 30.2

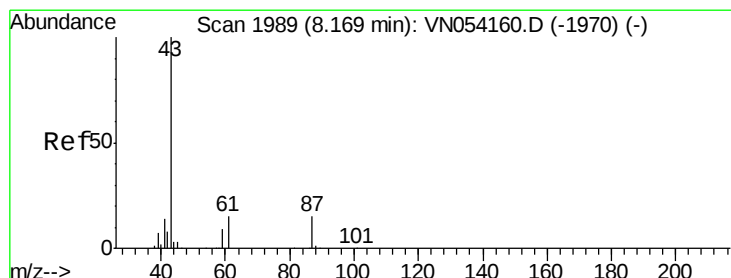
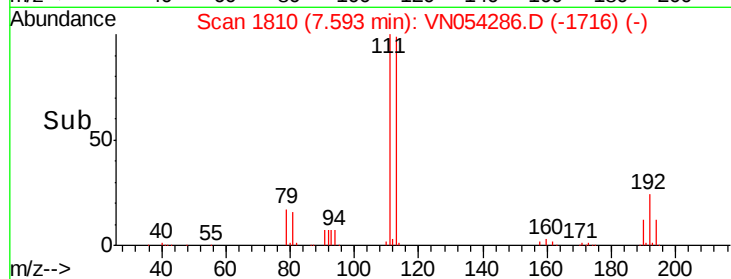
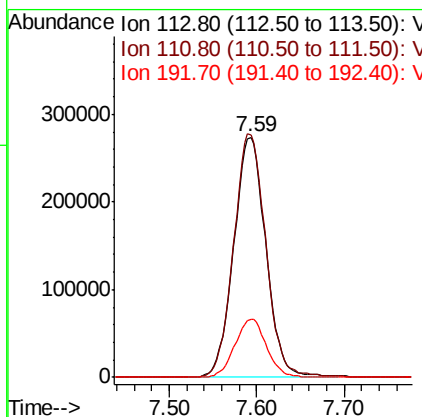
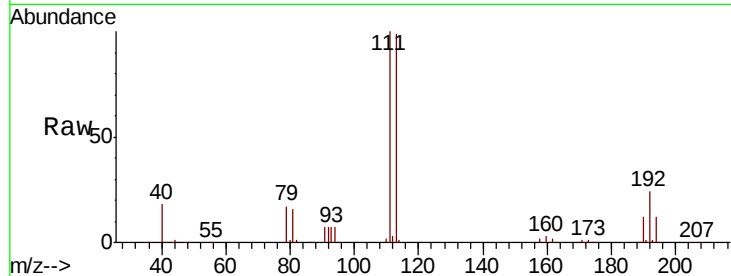




#35
 Dibromofluoromethane
 Concen: 47.935 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054286.D
 Acq: 15 Mar 2019 3:11

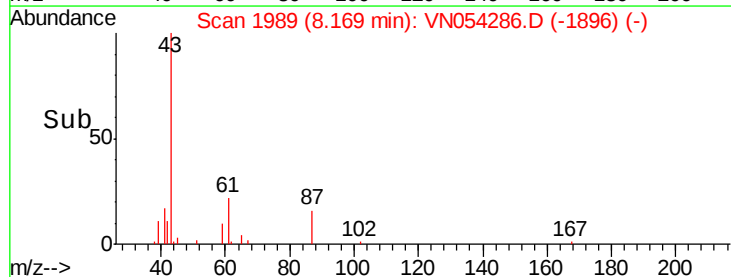
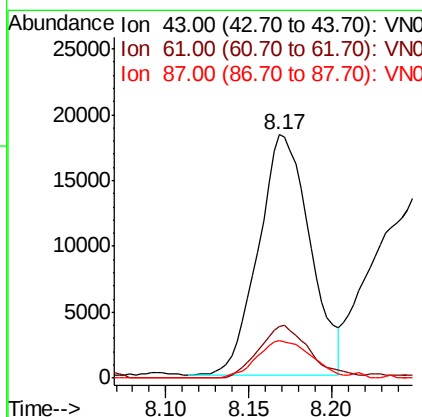
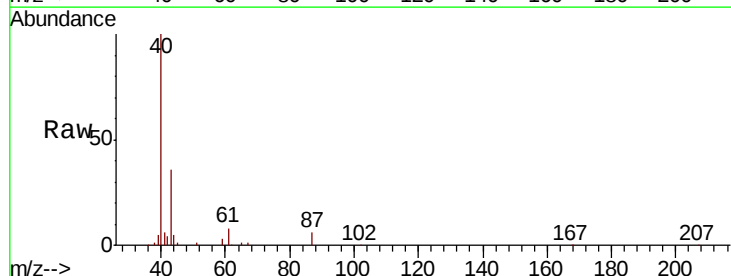
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

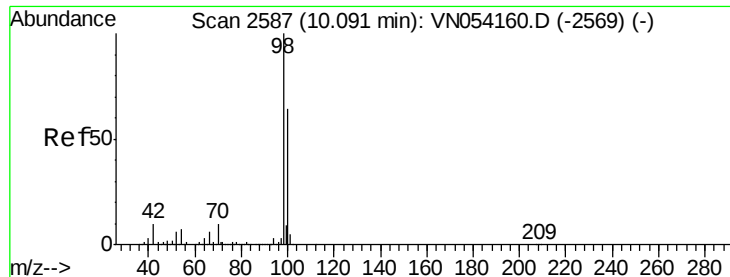
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	23.9	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 1.901 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VN054286.D
 Acq: 15 Mar 2019 3:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.3	15.8	23.8
87	16.5	12.0	18.0





#50

Toluene-d8

Concen: 52.137 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054286.D

Acq: 15 Mar 2019 3:11

Instrument :

MSVOA_N

ClientSampleId :

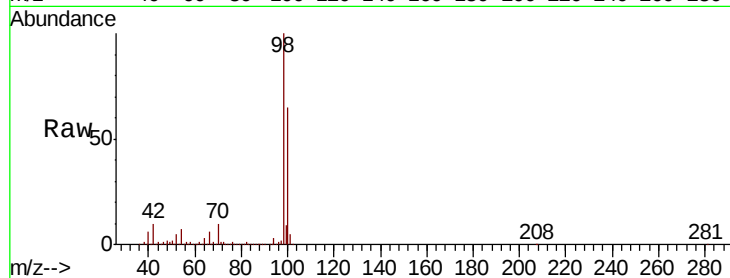
TP-2

Tgt Ion: 98 Resp: 2803311

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

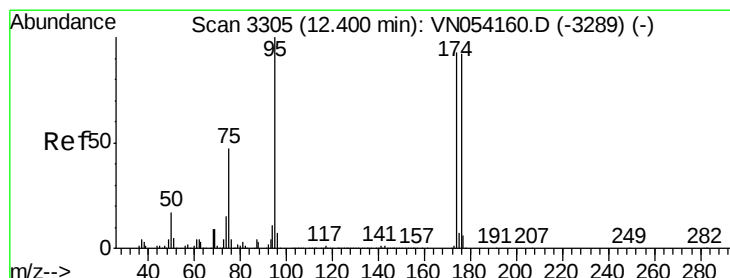
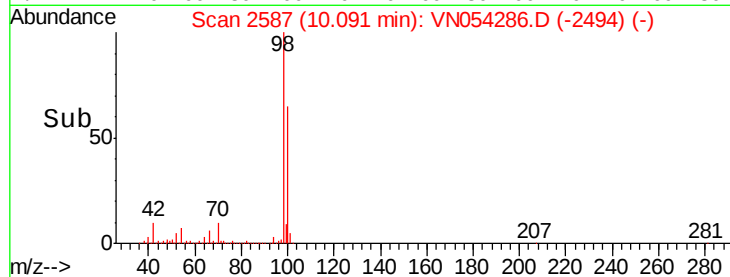
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.697 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054286.D

Acq: 15 Mar 2019 3:11

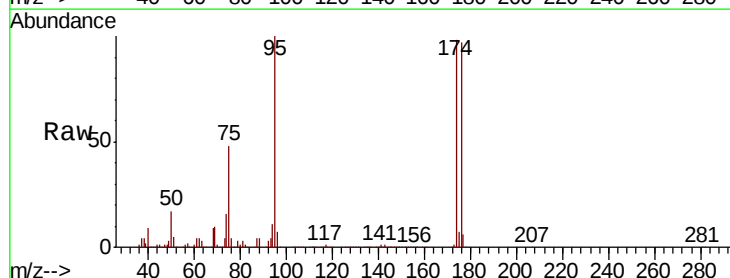
Tgt Ion: 95 Resp: 1066664

Ion Ratio Lower Upper

95 100

174 97.8 0.0 191.0

176 95.5 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

800000

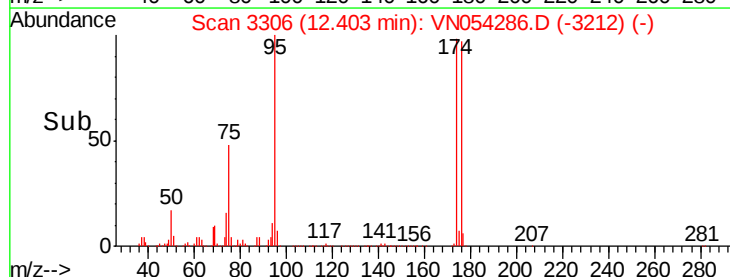
600000

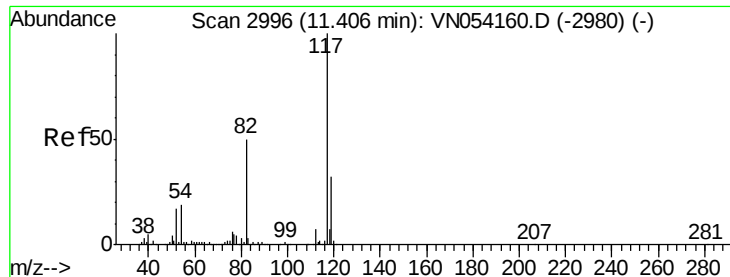
400000

200000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054286.D

Acq: 15 Mar 2019 3:11

Instrument :

MSVOA_N

ClientSampleId :

TP-2

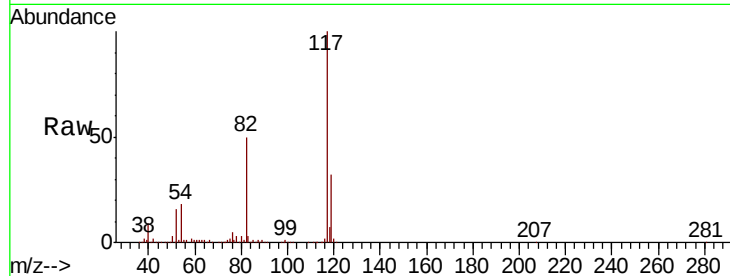
Tgt Ion:117 Resp: 2382179

Ion Ratio Lower Upper

117 100

82 50.2 40.0 60.0

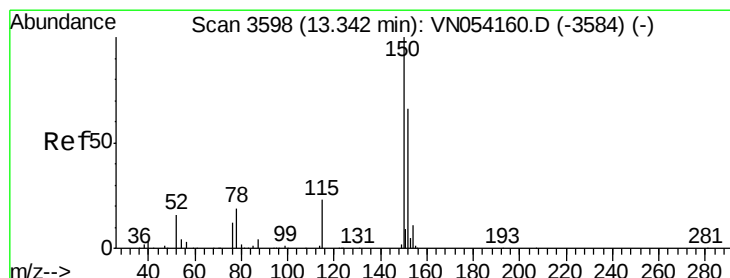
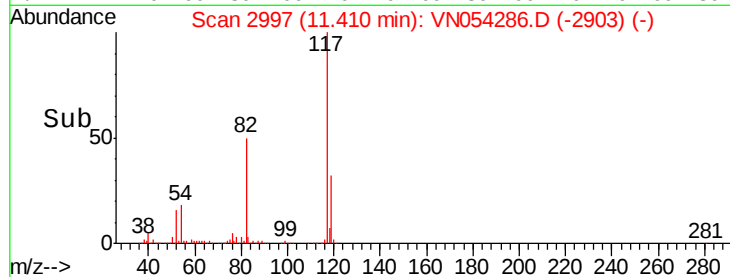
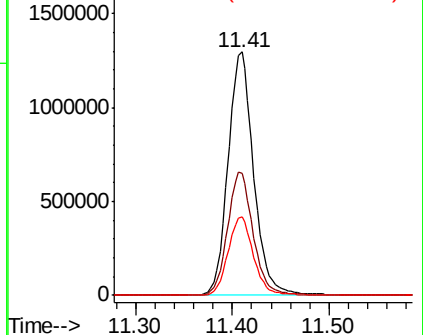
119 32.2 25.8 38.6



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054286.D

Acq: 15 Mar 2019 3:11

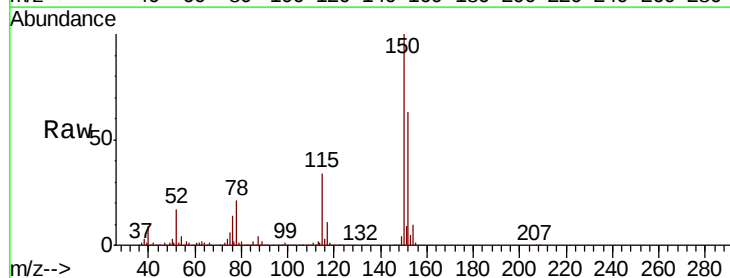
Tgt Ion:152 Resp: 1012741

Ion Ratio Lower Upper

152 100

115 55.0 27.2 81.6

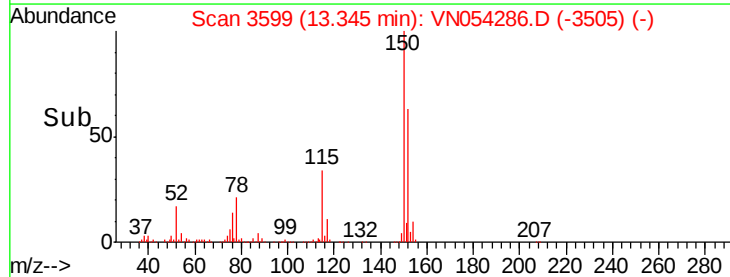
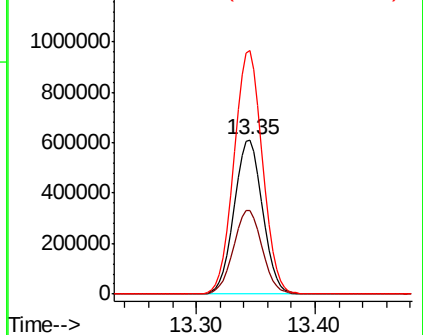
150 158.0 0.0 349.2

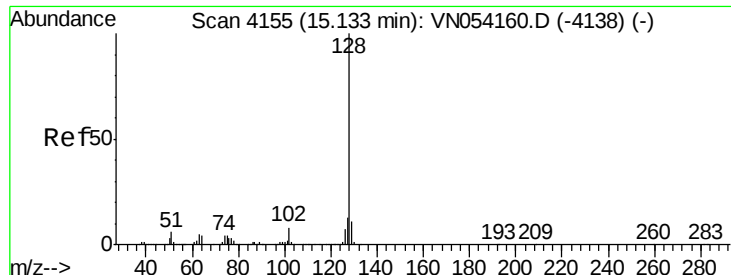


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

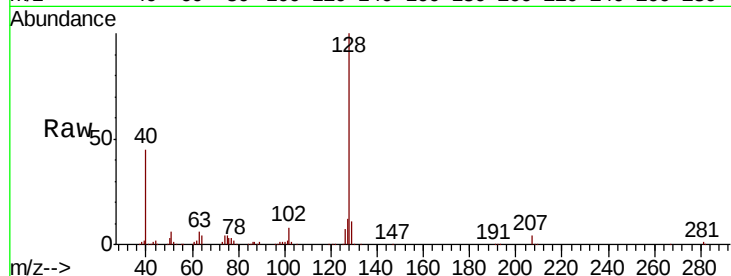




#95
Naphthalene
Concen: 8.122 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054286.D
Acq: 15 Mar 2019 3:11

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.7	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

