

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054370.D
 Acq On : 17 Mar 2019 7:22
 Operator : JC/SP
 Sample : K1697-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-031519-B

Quant Time: Mar 18 08:37:17 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

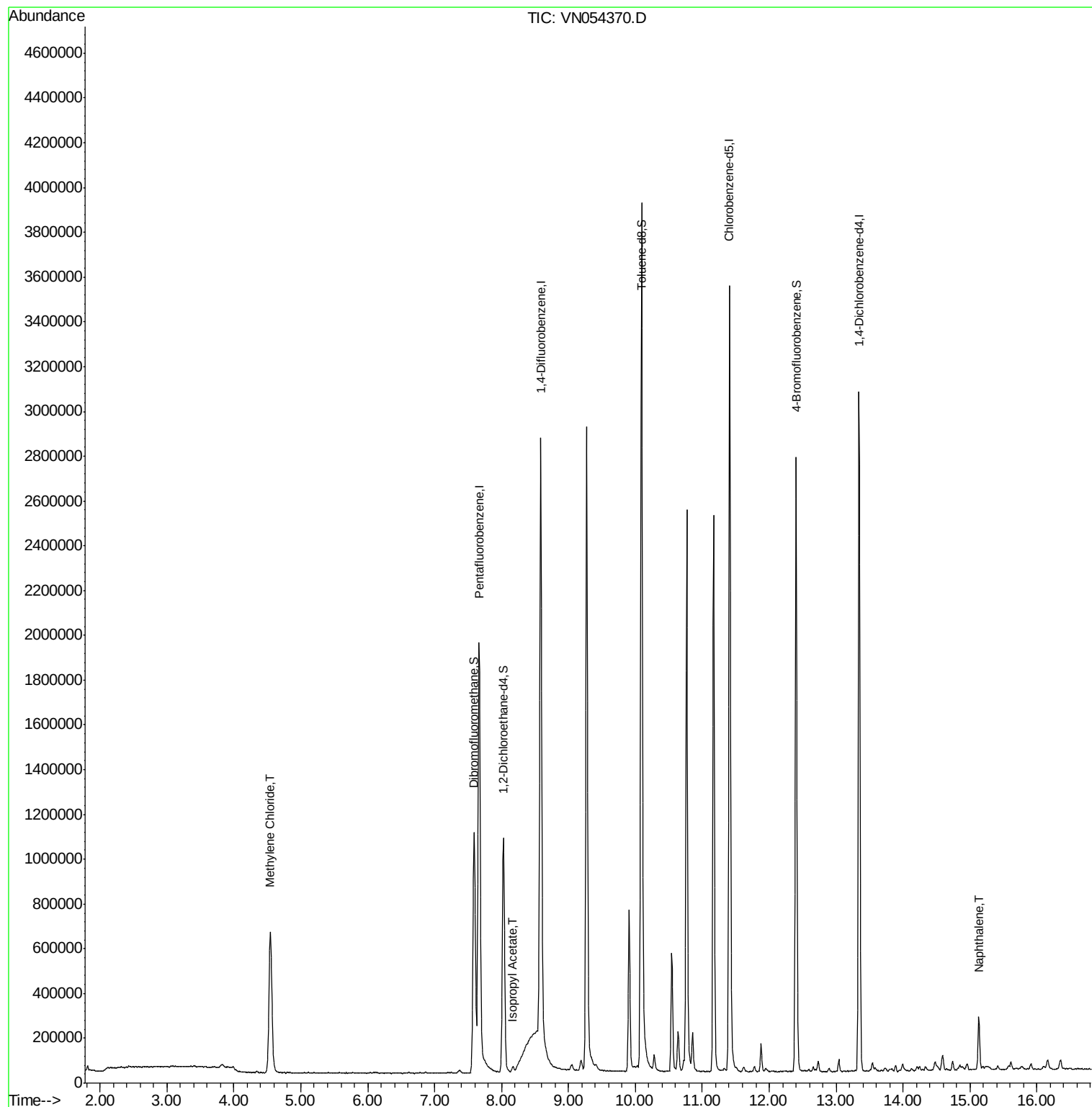
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1872642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2725694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2303447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	899222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	933255	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
35) Dibromofluoromethane	7.59	113	822971	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	10.09	98	3120408	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
62) 4-Bromofluorobenzene	12.40	95	951059	41.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.74%	
Target Compounds						
20) Methylene Chloride	4.55	84	509962	27.275	ug/l	99
43) Isopropyl Acetate	8.17	43	27549	1.088	ug/l	97
95) Naphthalene	15.13	128	218835	8.633	ug/l	100

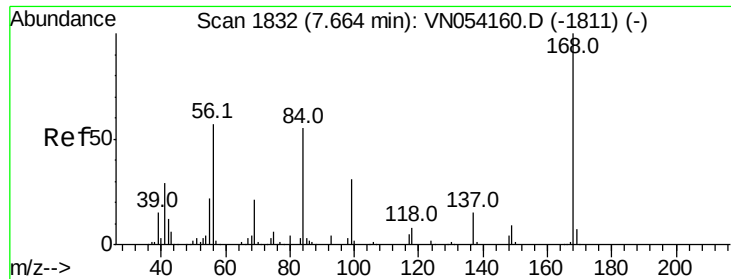
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054370.D
Acq On : 17 Mar 2019 7:22
Operator : JC/SP
Sample : K1697-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Quant Time: Mar 18 08:37:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054370.D

Acq: 17 Mar 2019 7:22

Instrument :

MSVOA_N

ClientSampleId :

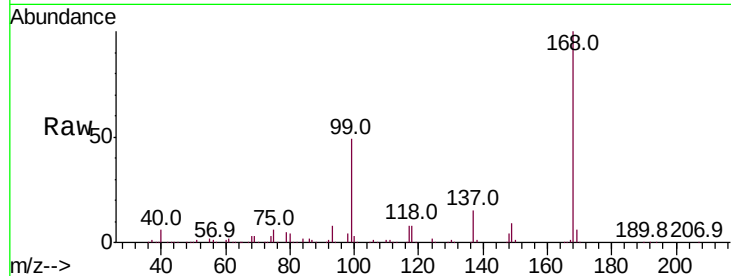
SU-01-031519-B

Tot Ion:168 Resp: 1872642

Ion Ratio Lower Upper

168 100

99 49.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

800000

600000

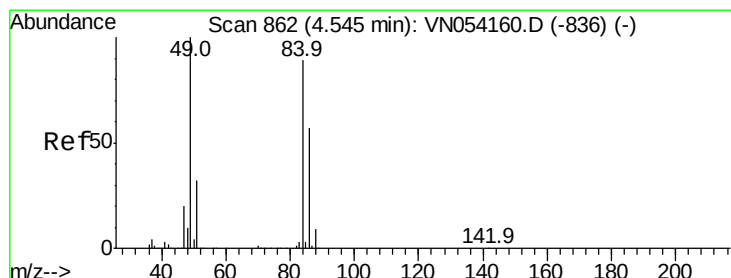
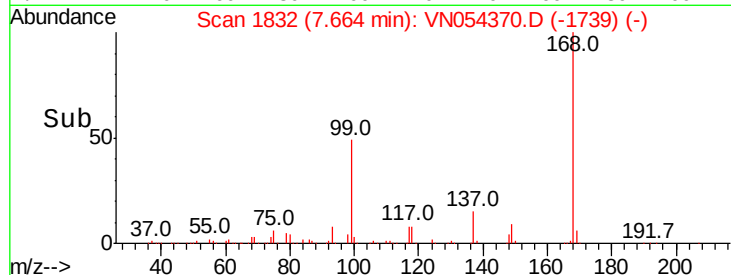
400000

200000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 27.275 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054370.D

Acq: 17 Mar 2019 7:22

Tgt Ion: 84 Resp: 509962

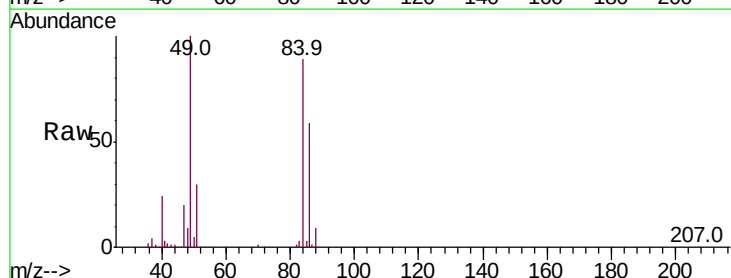
Ion Ratio Lower Upper

84 100

49 112.3 89.7 134.5

51 34.1 28.2 42.4

86 66.0 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

250000

200000

150000

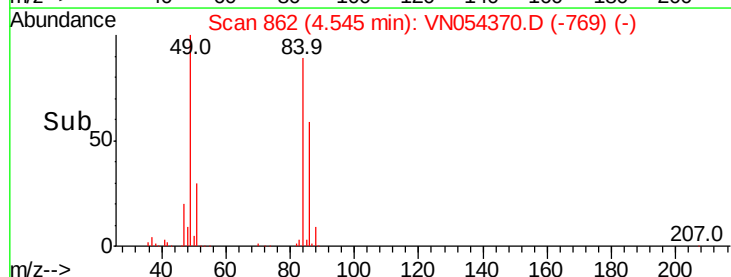
100000

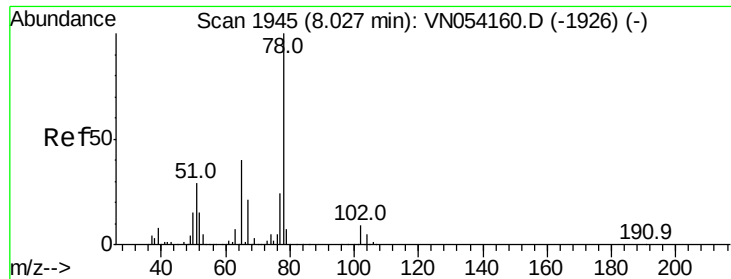
50000

0

Time-->

4.40 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 46.927 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

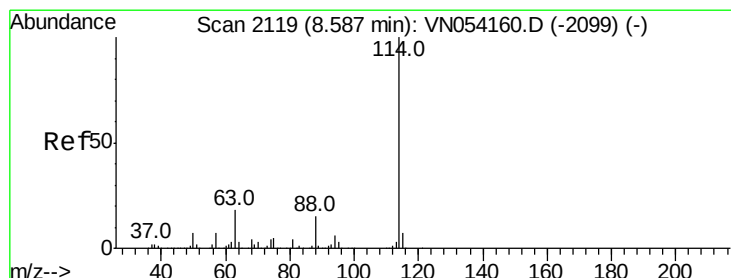
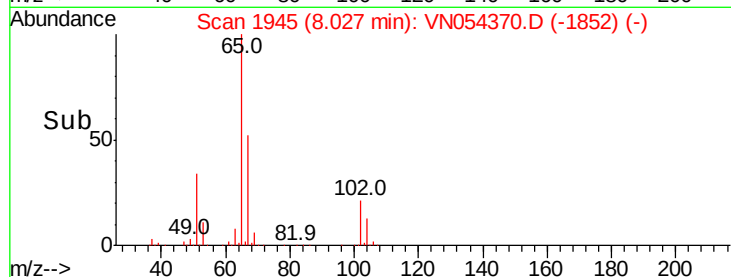
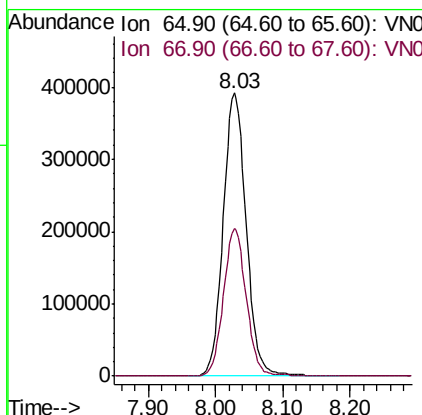
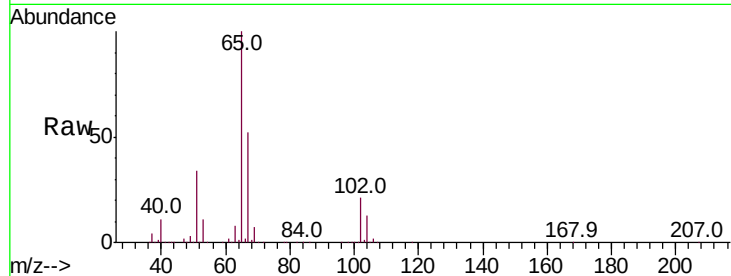
Lab File: VN054370.D

Acq: 17 Mar 2019 7:22

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

Tot Ion: 65 Resp: 933255

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

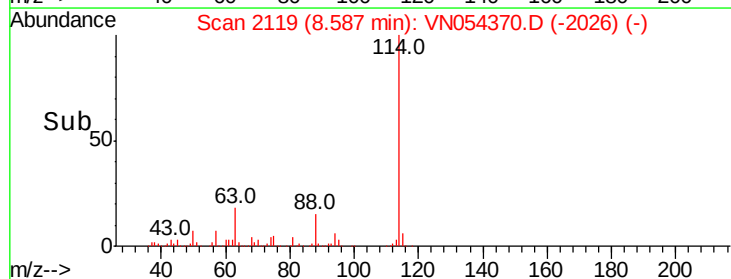
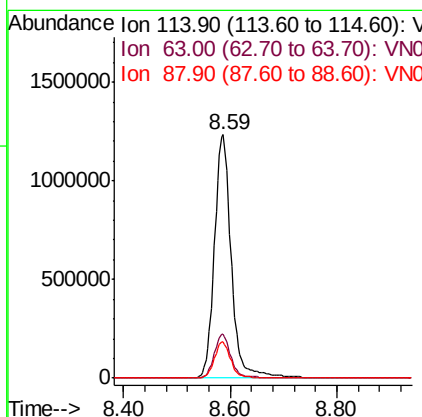
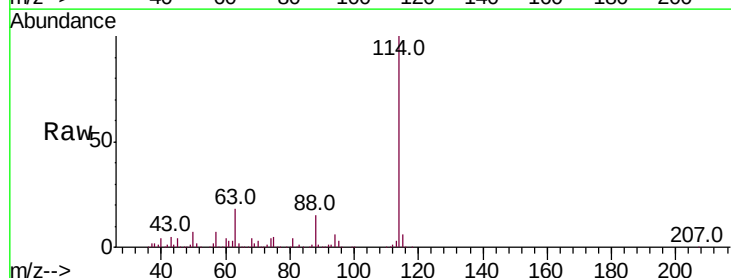
Delta R.T. 0.00 min

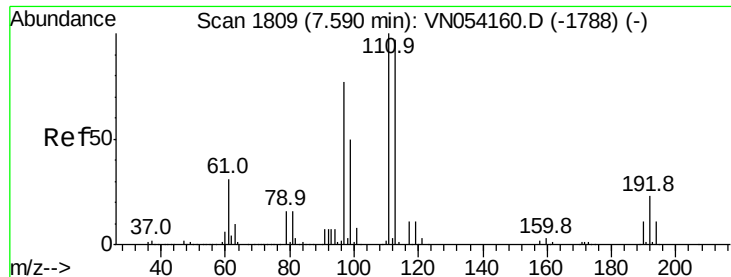
Lab File: VN054370.D

Acq: 17 Mar 2019 7:22

Tgt Ion: 114 Resp: 2725694

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.2
88	14.8	0.0	30.2

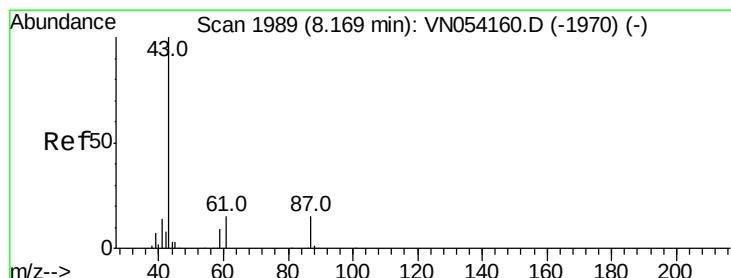
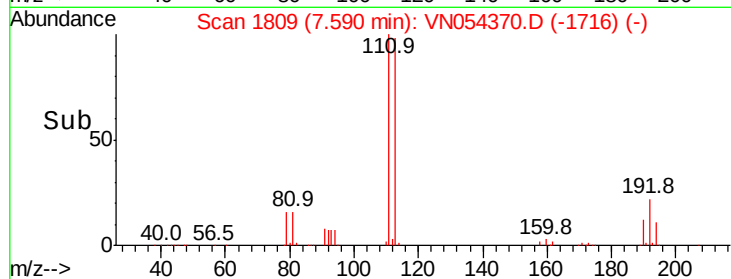
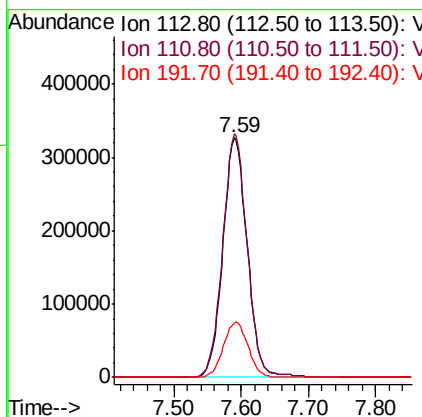
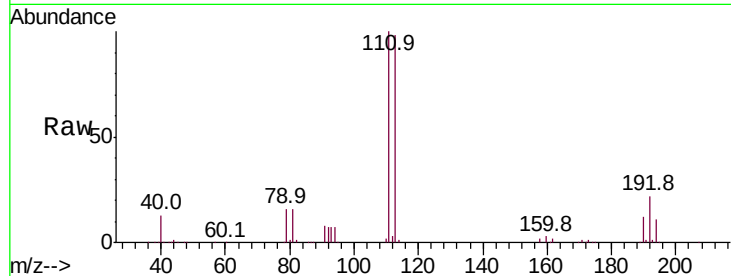




#35
 Dibromofluoromethane
 Concen: 46.814 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054370.D
 Acq: 17 Mar 2019 7:22

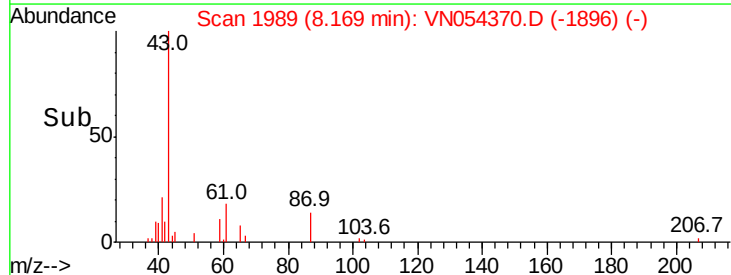
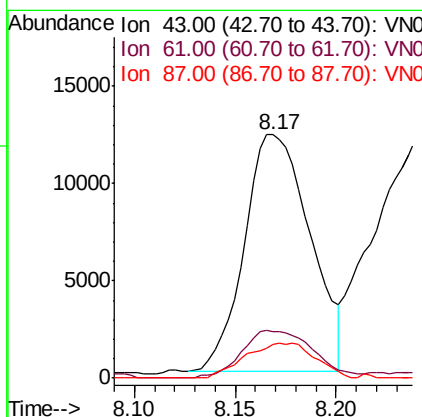
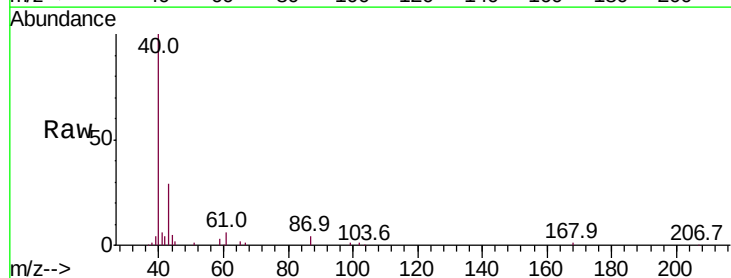
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-031519-B

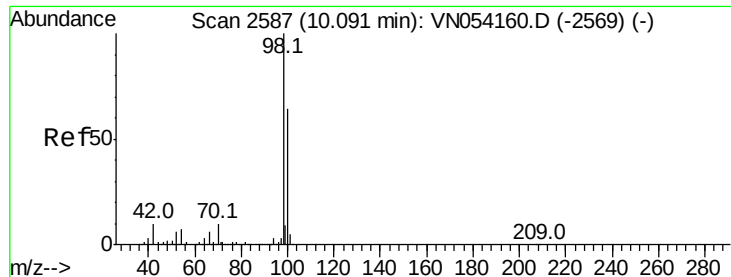
Tot Ion:113 Resp: 822971
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.4
 192 23.4 19.2 28.8



#43
 Isopropyl Acetate
 Concen: 1.088 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN054370.D
 Acq: 17 Mar 2019 7:22

Tgt Ion: 43 Resp: 27549
 Ion Ratio Lower Upper
 43 100
 61 21.9 15.8 23.8
 87 15.8 12.0 18.0





#50

Toluene-d8

Concen: 48.062 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054370.D

Acq: 17 Mar 2019 7:22

Instrument :

MSVOA_N

ClientSampleId :

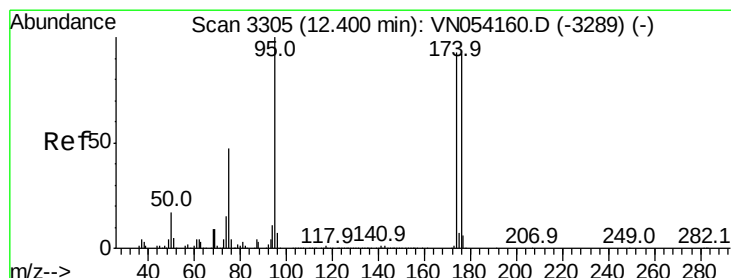
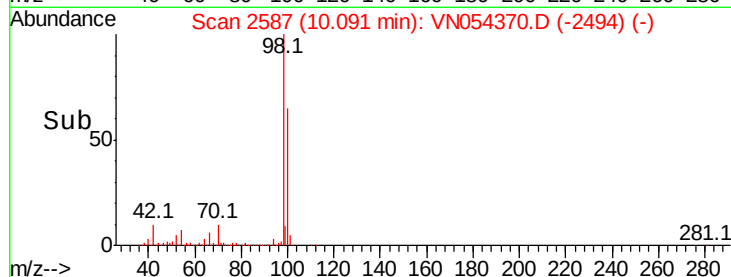
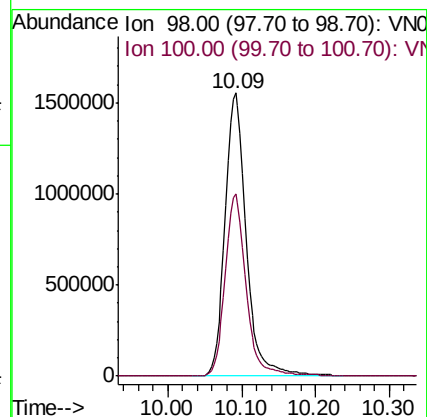
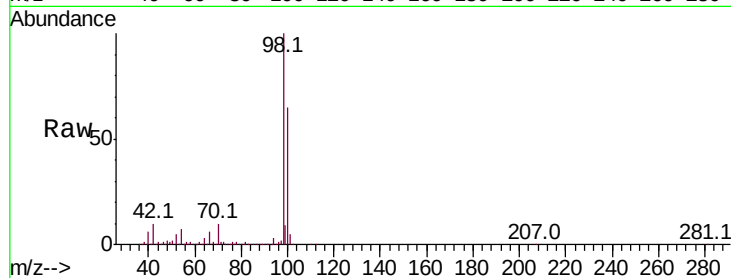
SU-01-031519-B

Tot Ion: 98 Resp: 3120408

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 41.866 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054370.D

Acq: 17 Mar 2019 7:22

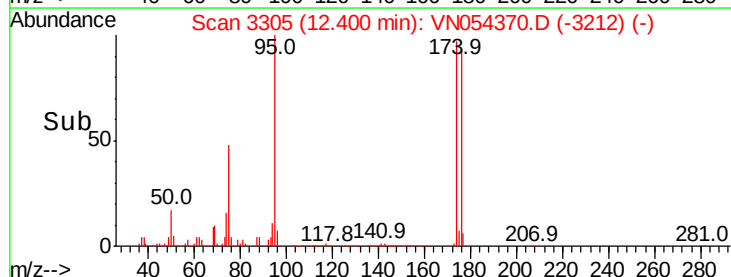
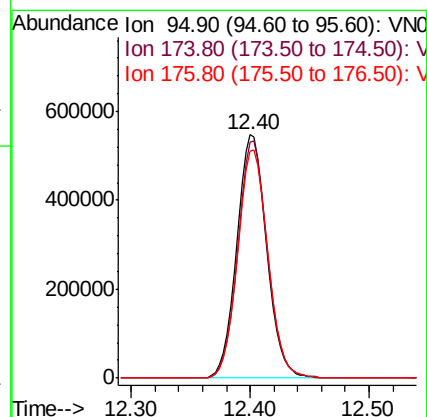
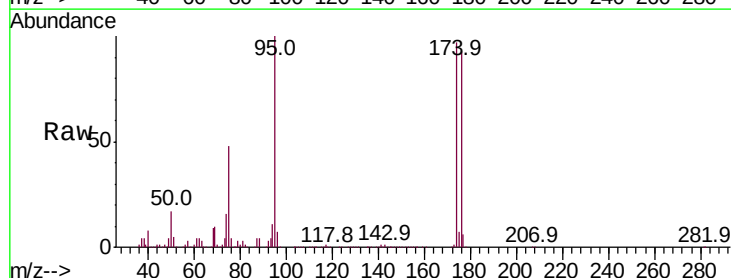
Tgt Ion: 95 Resp: 951059

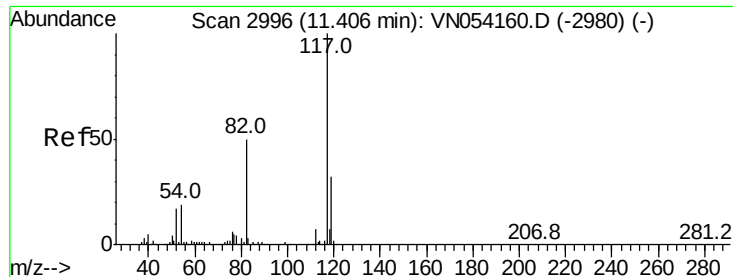
Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.0

176 94.9 0.0 187.4

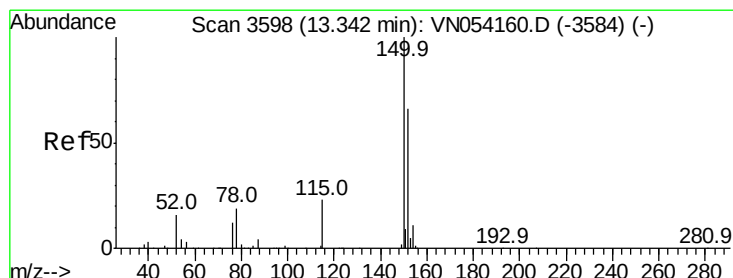
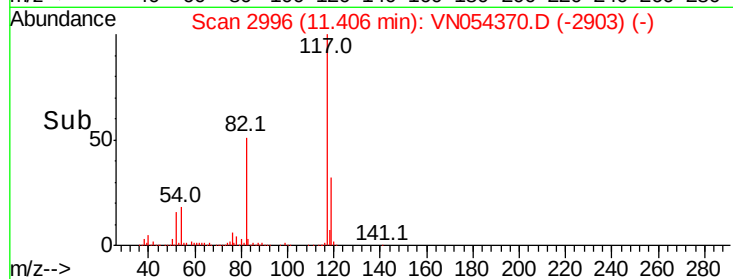
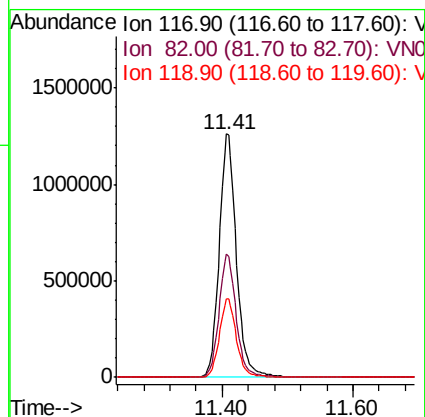
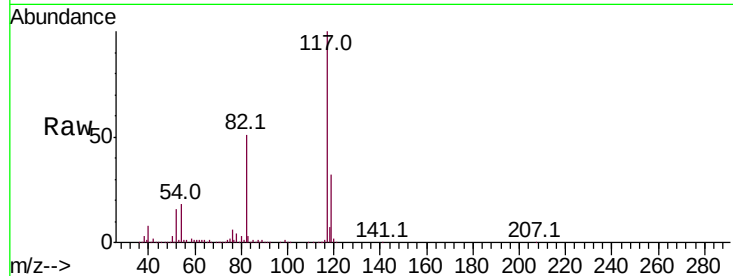




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

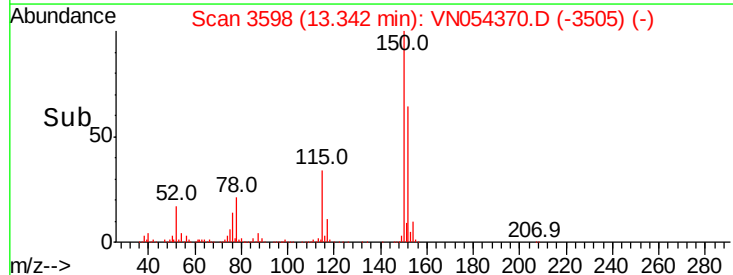
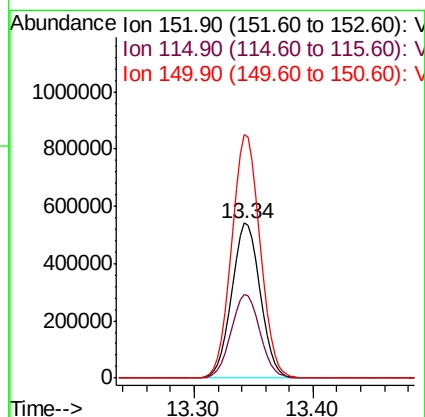
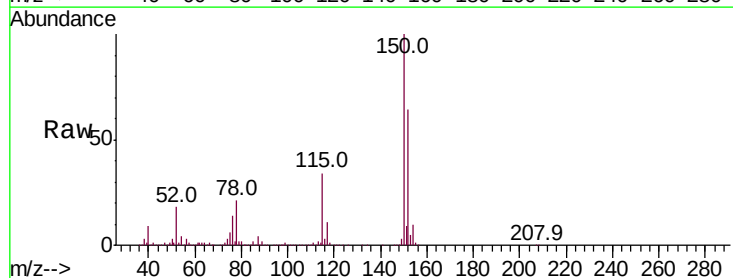
Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-B

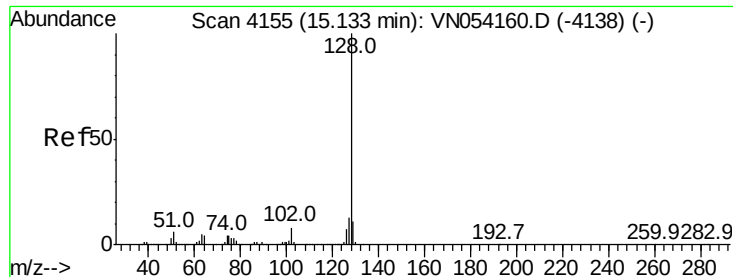
Tot Ion:117 Resp: 2303447
Ion Ratio Lower Upper
117 100
82 50.5 40.0 60.0
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054370.D
Acq: 17 Mar 2019 7:22

Tgt Ion:152 Resp: 899222
Ion Ratio Lower Upper
152 100
115 54.8 27.2 81.6
150 156.5 0.0 349.2





#95

Naphthalene

Concen: 8.633 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054370.D

Acq: 17 Mar 2019 7:22

Instrument :

MSVOA_N

ClientSampleId :

SU-01-031519-B

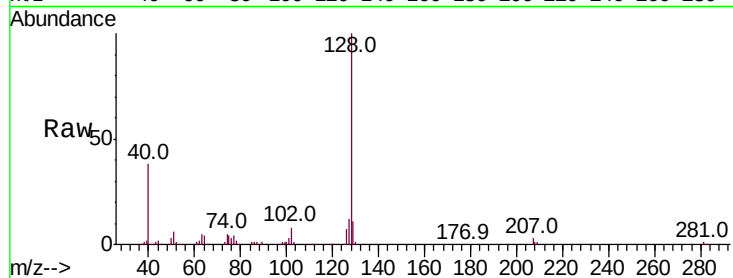
Tot Ion:128 Resp: 218835

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 10.8 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

