

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054539.D
 Acq On : 22 Mar 2019 5:01
 Operator : JC/SP
 Sample : K1994-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50015-51054-30199-51048-51050

Quant Time: Mar 22 10:56:54 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

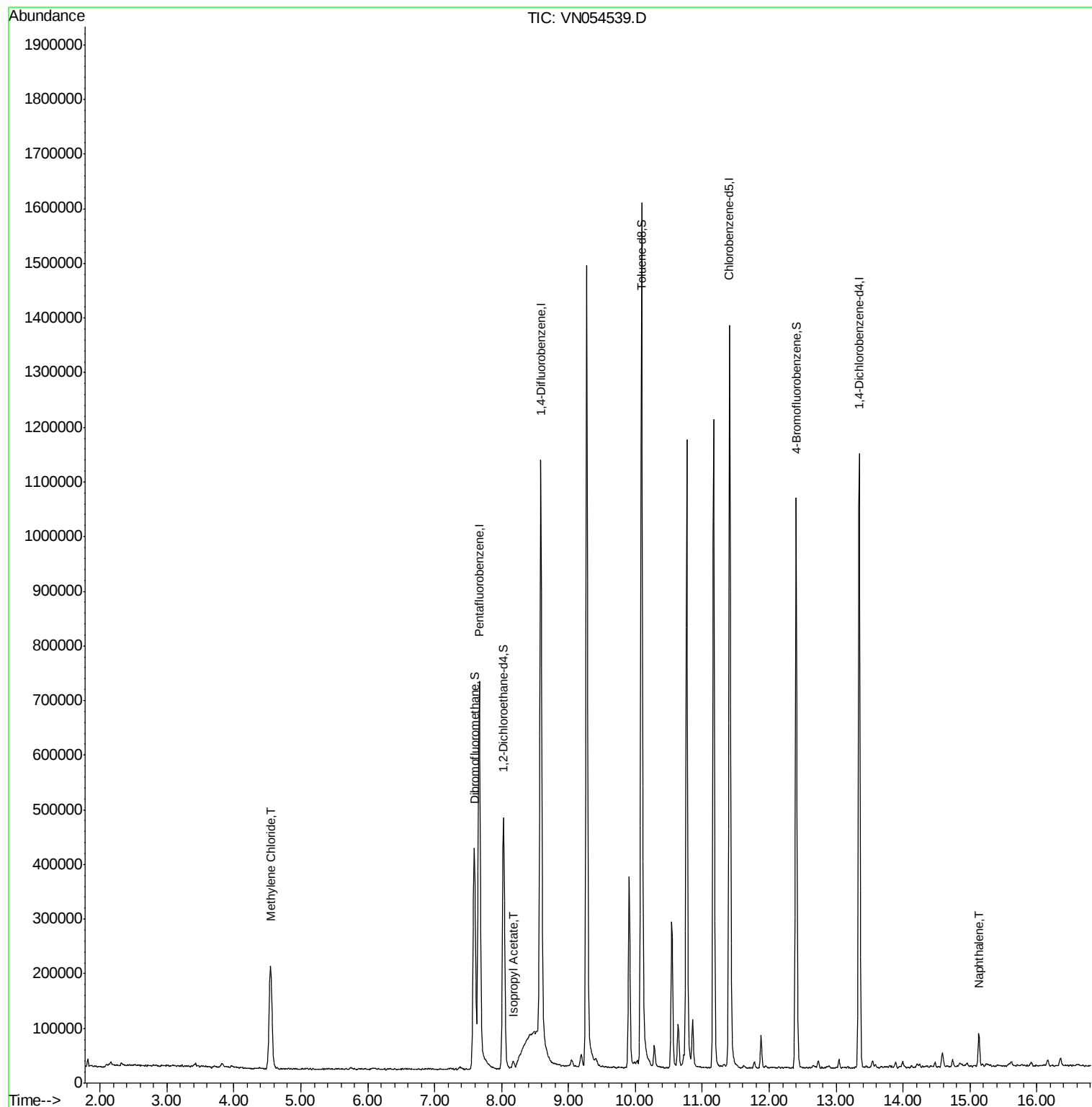
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	621905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	989854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	818926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	302626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	397887	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	7.59	113	305126	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	10.09	98	1172816	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.40	95	356547	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
Target Compounds						
20) Methylene Chloride	4.54	84	133333	19.449	ug/l #	85
43) Isopropyl Acetate	8.17	43	16806	1.512	ug/l #	94
95) Naphthalene	15.13	128	50138	4.645	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

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Acq: 22 Mar 2019 5:01

Instrument :

MSVOA_N

ClientSampleId :

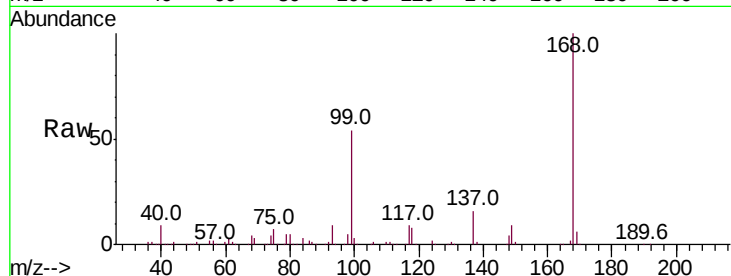
50015-51054-30199-51048-51050

Tot Ion:168 Resp: 621905

Ion Ratio Lower Upper

168 100

99 53.8 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

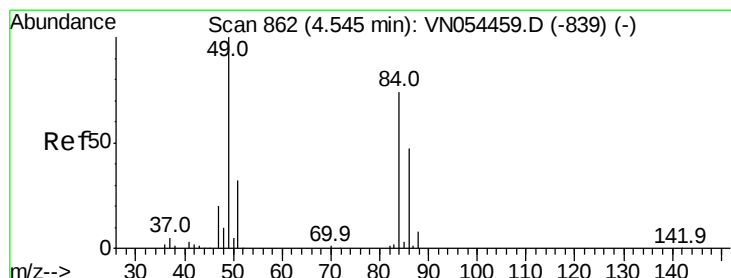
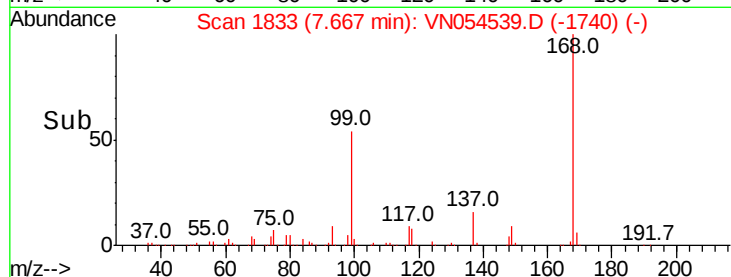
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 19.449 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054539.D

Acq: 22 Mar 2019 5:01

Tgt Ion: 84 Resp: 133333

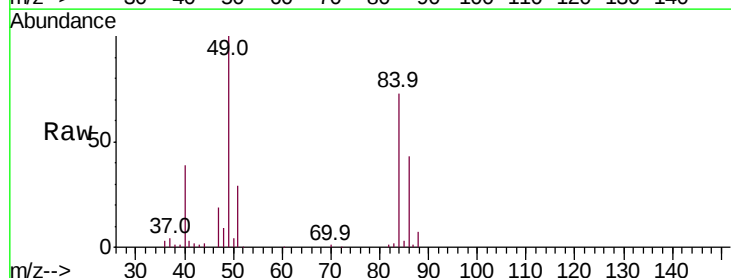
Ion Ratio Lower Upper

84 100

49 136.4 89.7 134.5#

51 39.3 28.2 42.4

86 59.4 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

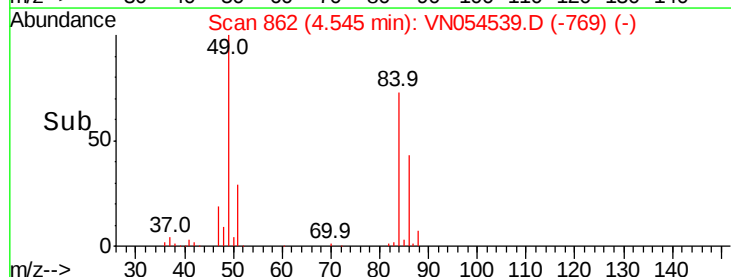
60000

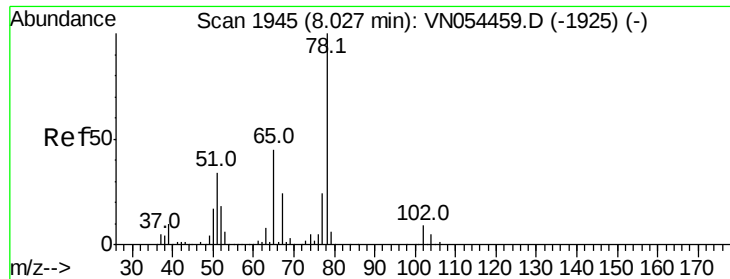
40000

20000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.436 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054539.D

Acq: 22 Mar 2019 5:01

Instrument :

MSVOA_N

ClientSampleId :

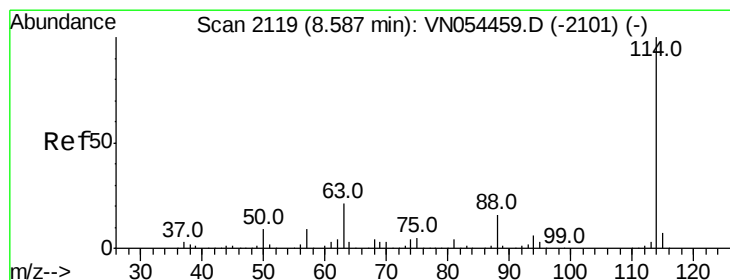
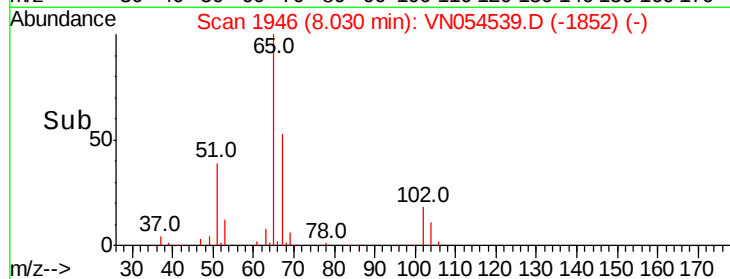
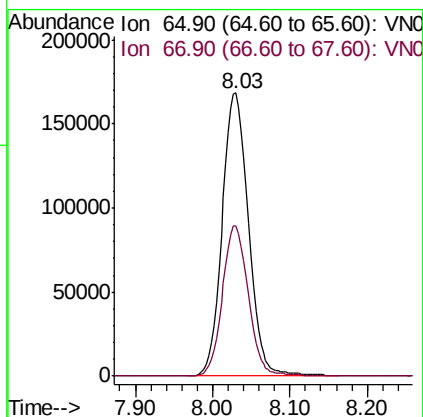
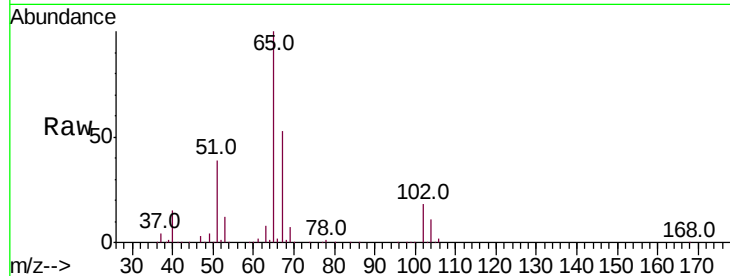
50015-51054-30199-51048-51050

Tot Ion: 65 Resp: 397887

Ion Ratio Lower Upper

65 100

67 52.5 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: VN054539.D

Acq: 22 Mar 2019 5:01

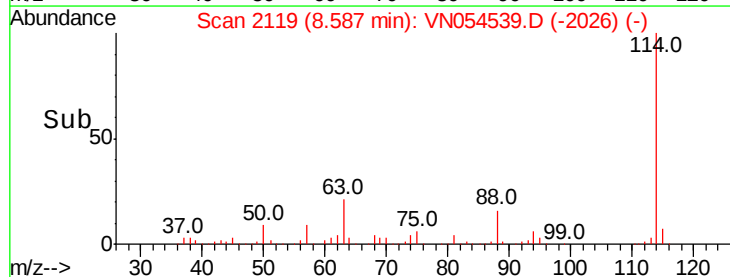
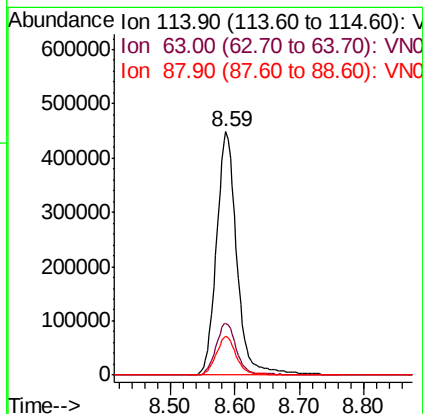
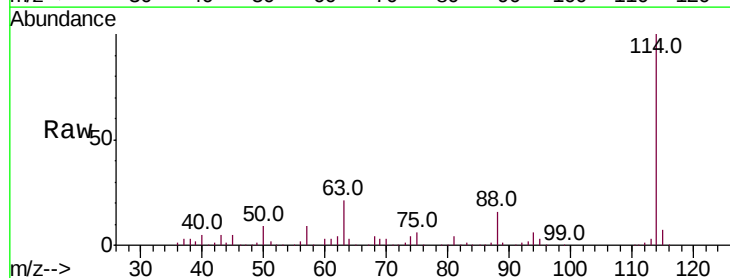
Tgt Ion: 114 Resp: 989854

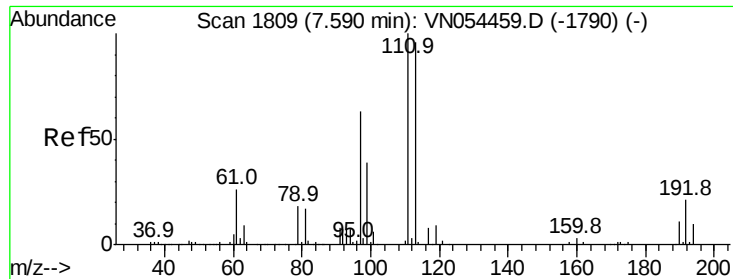
Ion Ratio Lower Upper

114 100

63 21.3 0.0 35.2

88 15.8 0.0 30.2

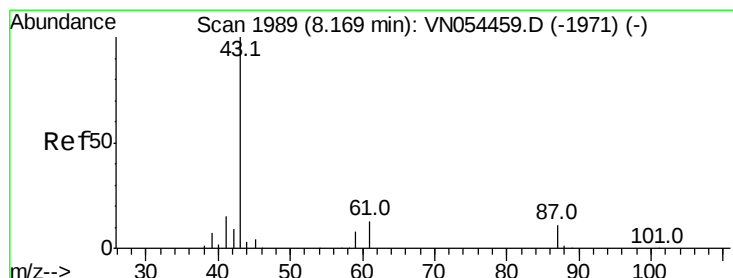
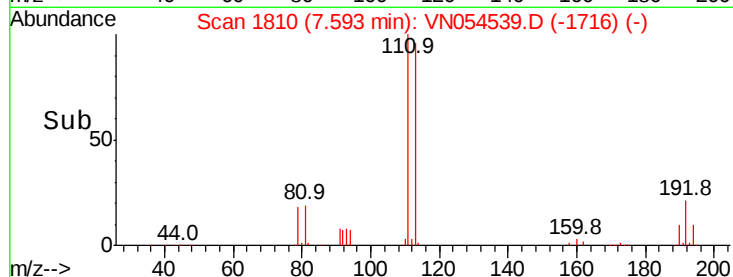
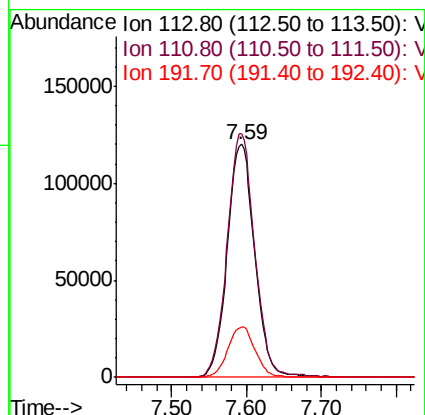
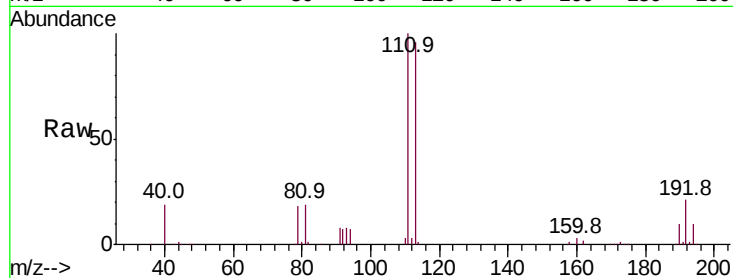




#35
 Dibromofluoromethane
 Concen: 47.847 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054539.D
 Acq: 22 Mar 2019 5:01

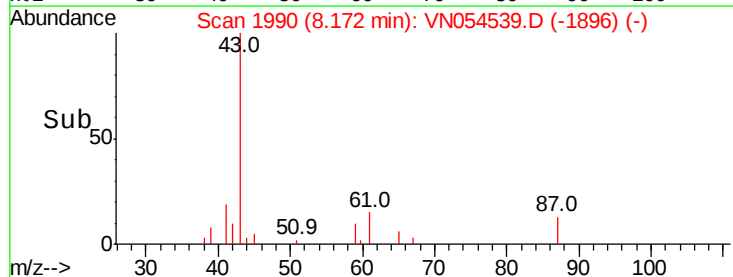
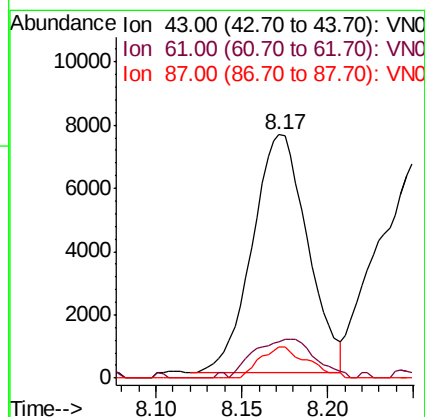
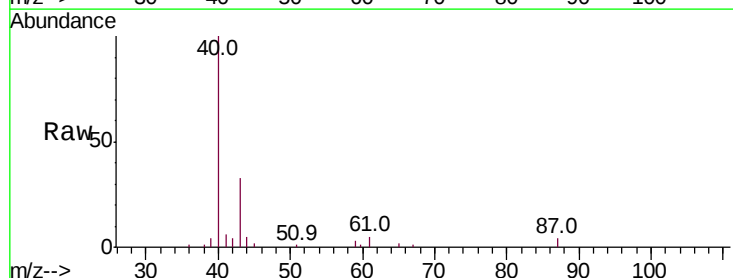
Instrument :
 MSVOA_N
 ClientSampleId :
 50015-51054-30199-51048-51050

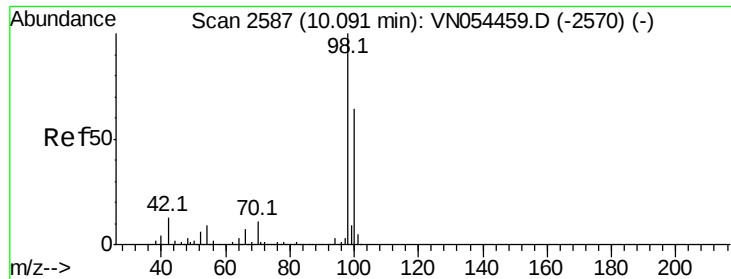
Tot Ion:113 Resp: 305126
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.2 123.4
 192 21.6 19.2 28.8



#43
 Isopropyl Acetate
 Concen: 1.512 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054539.D
 Acq: 22 Mar 2019 5:01

Tgt Ion: 43 Resp: 16806
 Ion Ratio Lower Upper
 43 100
 61 18.0 15.8 23.8
 87 11.3 12.0 18.0#





#50

Toluene-d8

Concen: 48.920 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054539.D

Acq: 22 Mar 2019 5:01

Instrument :

MSVOA_N

ClientSampleId :

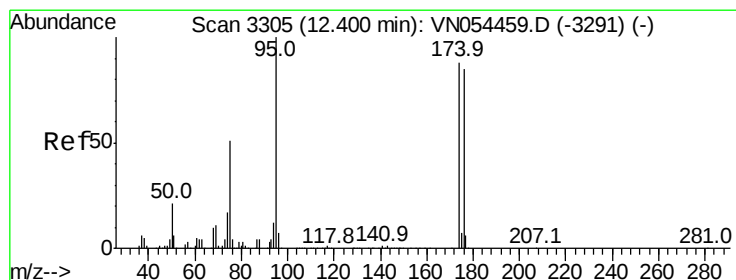
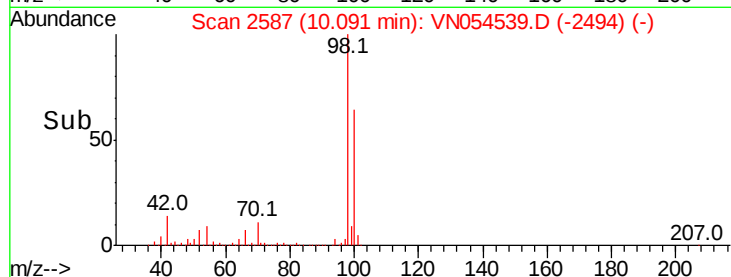
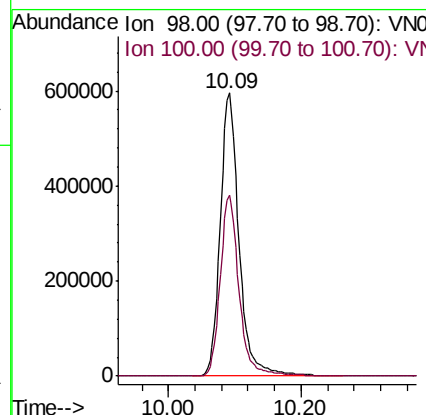
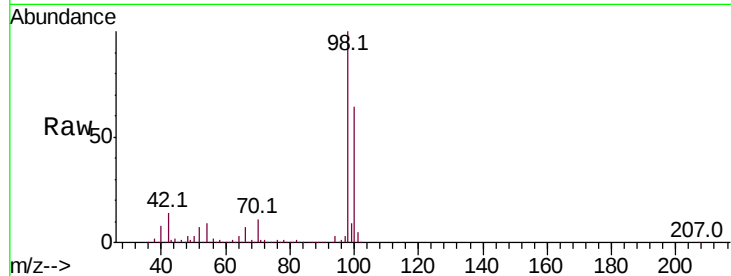
50015-51054-30199-51048-51050

Tot Ion: 98 Resp: 1172816

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 43.705 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054539.D

Acq: 22 Mar 2019 5:01

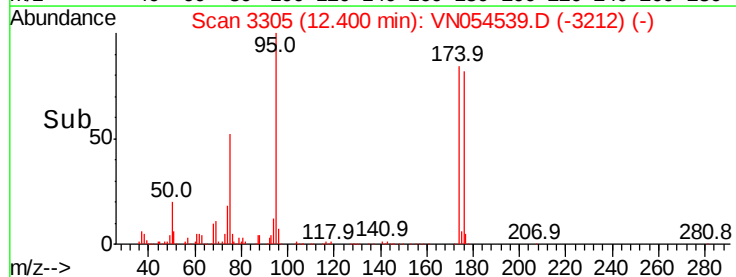
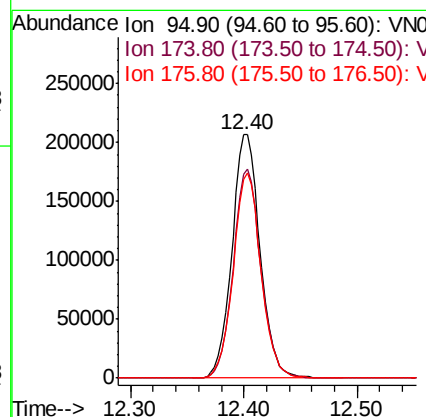
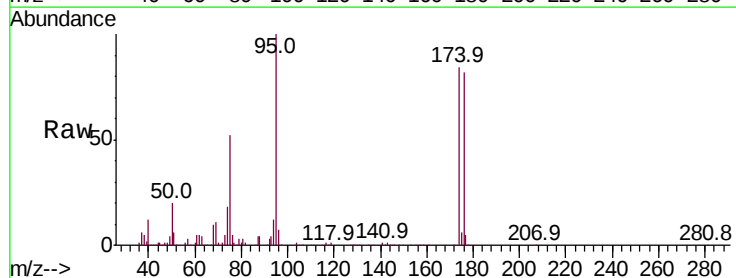
Tgt Ion: 95 Resp: 356547

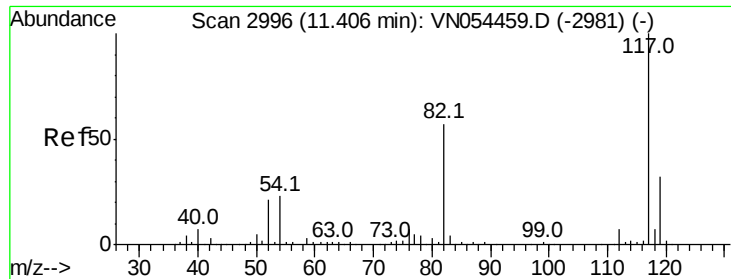
Ion Ratio Lower Upper

95 100

174 84.8 0.0 191.0

176 83.2 0.0 187.4

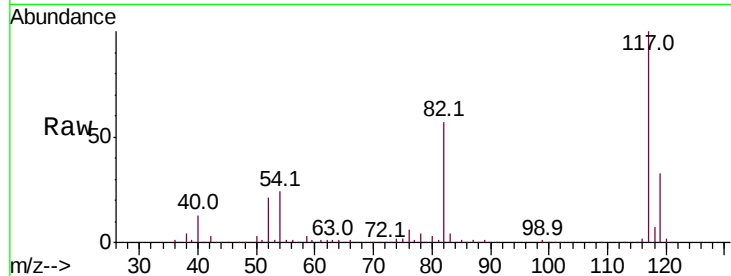




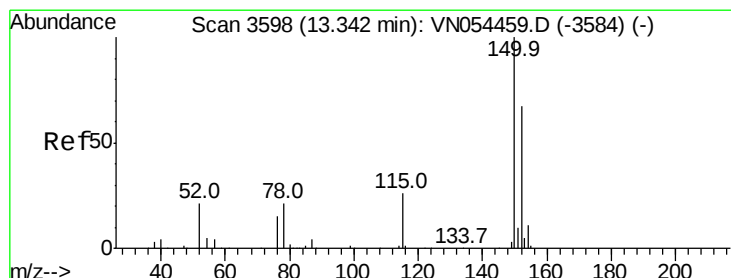
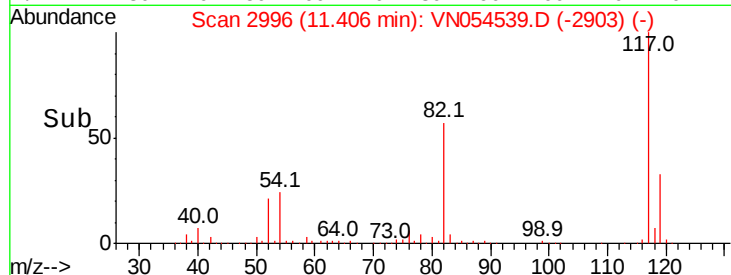
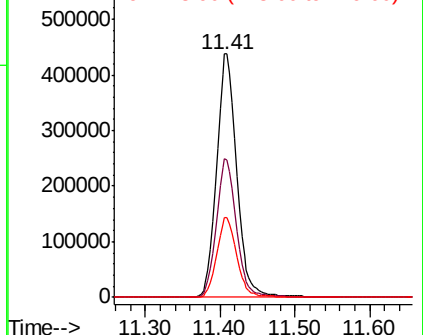
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054539.D
Acq: 22 Mar 2019 5:01

Instrument :
MSVOA_N
ClientSampleId :
50015-51054-30199-51048-51050

Tot Ion:117 Resp: 818926
Ion Ratio Lower Upper
117 100
82 56.8 40.0 60.0
119 32.8 25.8 38.6

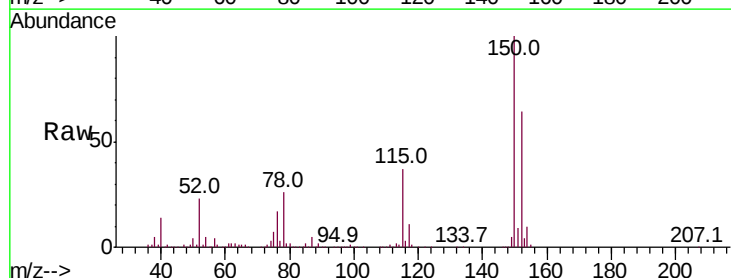


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

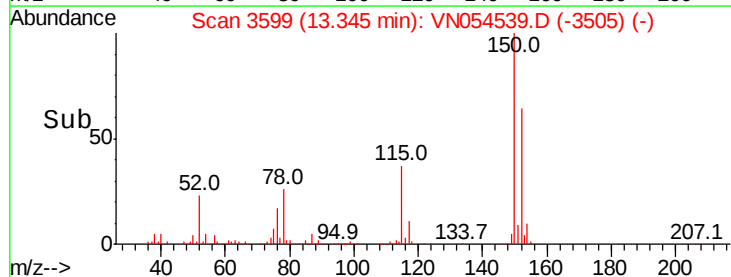
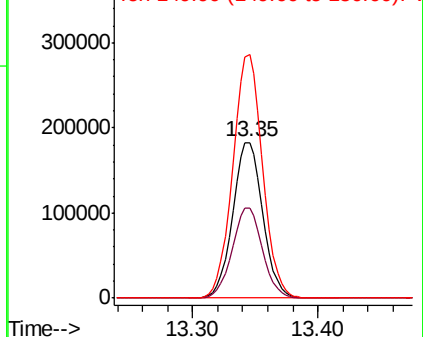


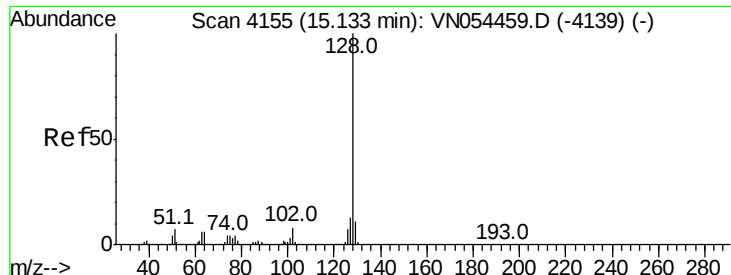
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054539.D
Acq: 22 Mar 2019 5:01

Tgt Ion:152 Resp: 302626
Ion Ratio Lower Upper
152 100
115 58.3 27.2 81.6
150 155.1 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: 4.645 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054539.D

Acq: 22 Mar 2019 5:01

Instrument :

MSVOA_N

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50015-51054-30199-51048-51050

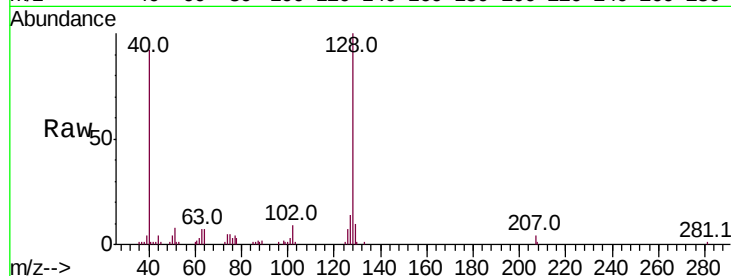
Tot Ion:128 Resp: 50138

Ion Ratio Lower Upper

128 100

127 13.4 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

