

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054533.D
 Acq On : 22 Mar 2019 2:15
 Operator : JC/SP
 Sample : K1688-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-031919-A

Quant Time: Mar 22 10:42:46 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

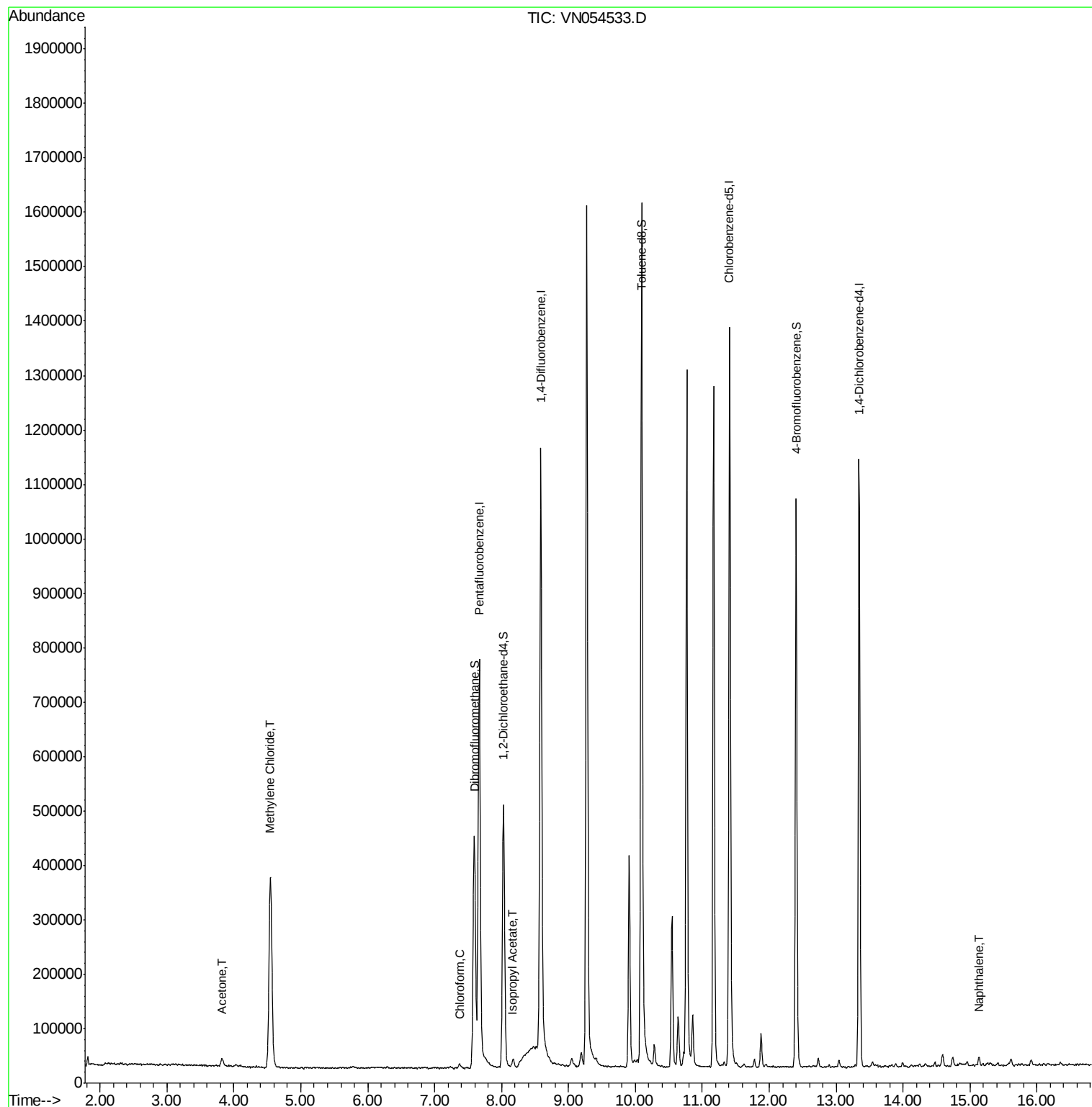
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	663184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1023503	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	831072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	414999	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
35) Dibromofluoromethane	7.59	113	324279	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	10.09	98	1194825	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.40	95	361409	42.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.68%	
Target Compounds						
16) Acetone	3.82	43	23194	9.352	ug/l	88
20) Methylene Chloride	4.55	84	251603	34.416	ug/l #	86
30) Chloroform	7.37	83	7150	0.573	ug/l	85
43) Isopropyl Acetate	8.18	43	18782	1.634	ug/l #	91
95) Naphthalene	15.13	128	13435	1.256	ug/l #	95

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

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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: VN054533.D

Acq: 22 Mar 2019 2:15

Instrument :

MSVOA_N

ClientSampleId :

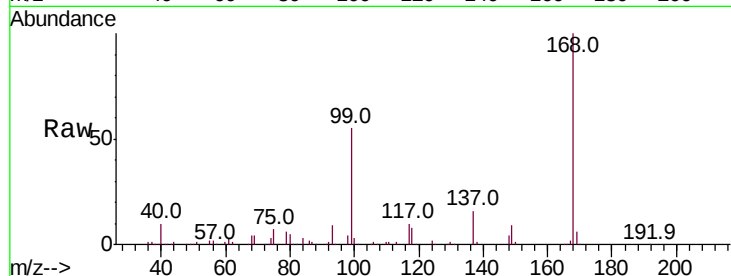
JC-02-031919-A

Tot Ion:168 Resp: 663184

Ion Ratio Lower Upper

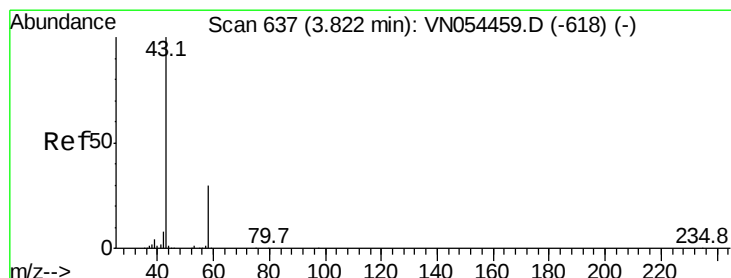
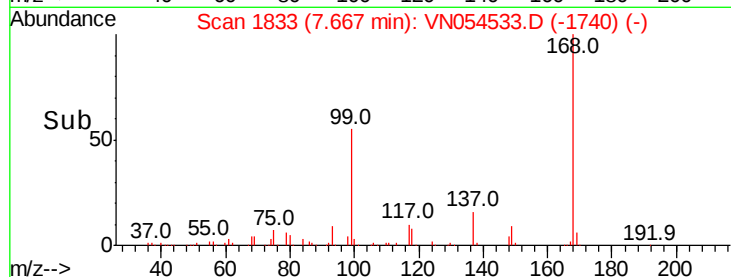
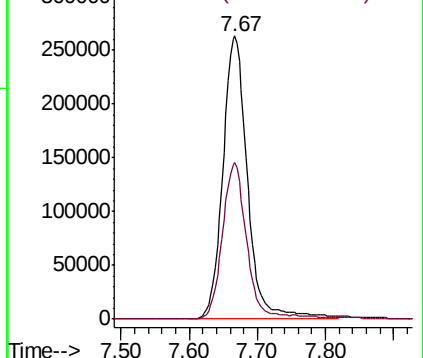
168 100

99 55.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 9.352 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054533.D

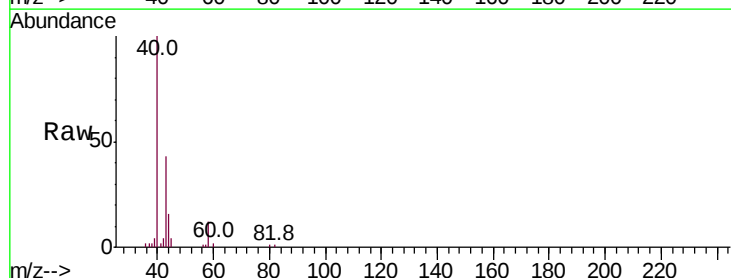
Acq: 22 Mar 2019 2:15

Tgt Ion: 43 Resp: 23194

Ion Ratio Lower Upper

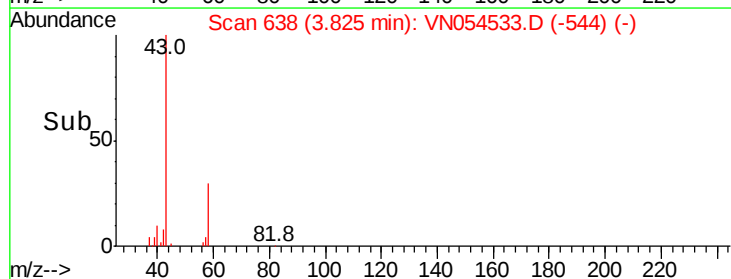
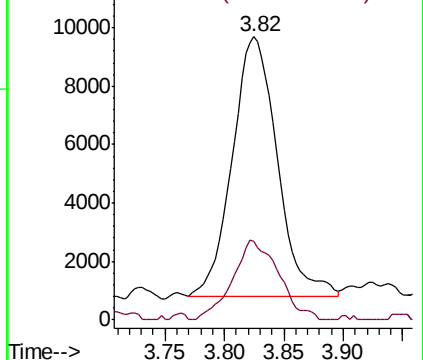
43 100

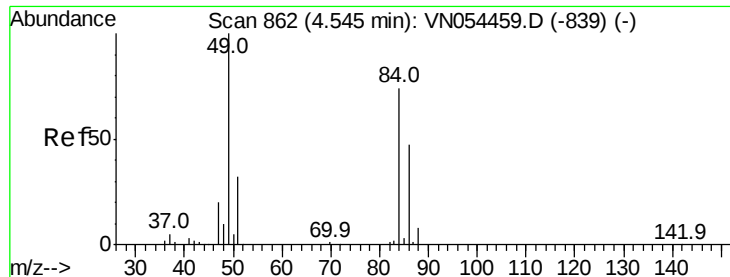
58 30.3 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

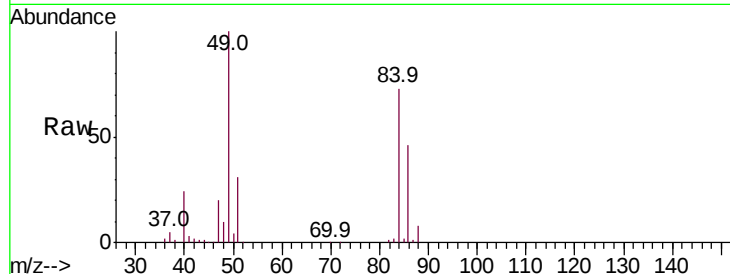




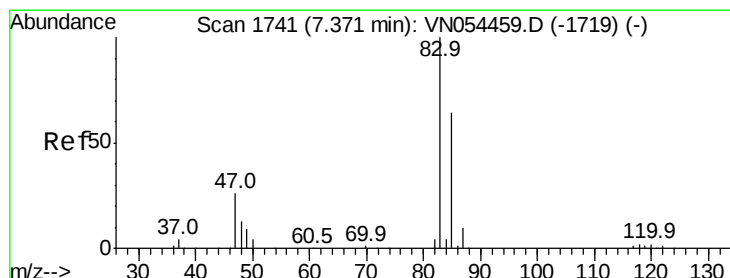
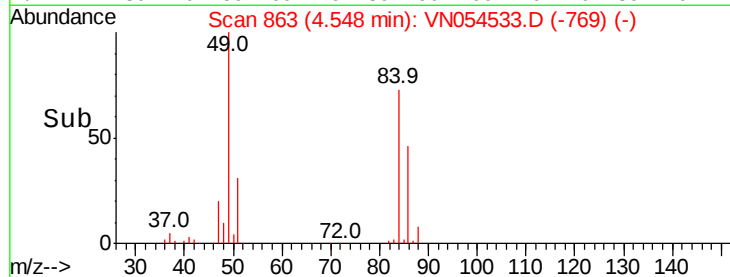
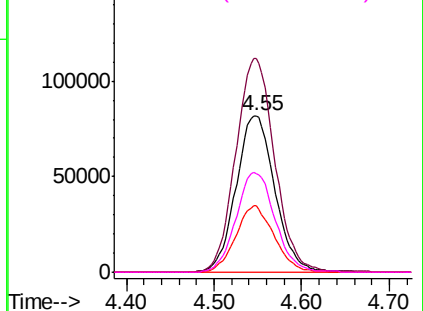
#20
Methylene Chloride
Concen: 34.416 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tot Ion: 84 Resp: 251603
Ion Ratio Lower Upper
84 100
49 136.1 89.7 134.5#
51 42.4 28.2 42.4#
86 63.1 50.8 76.2

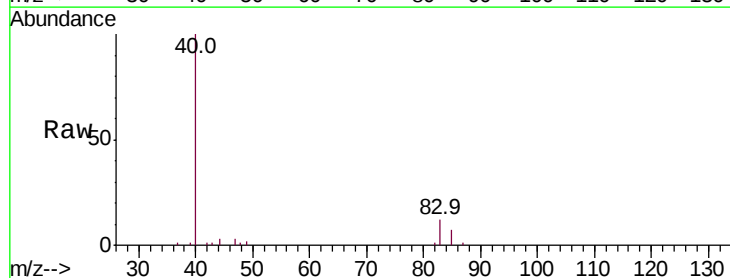


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

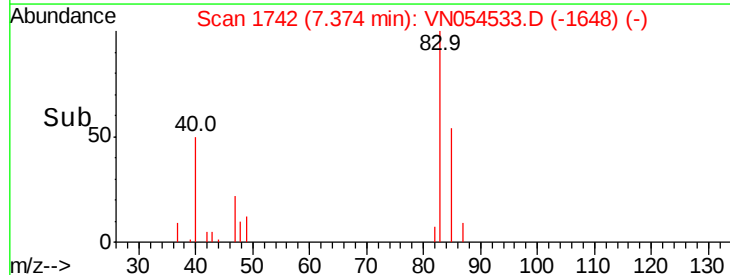
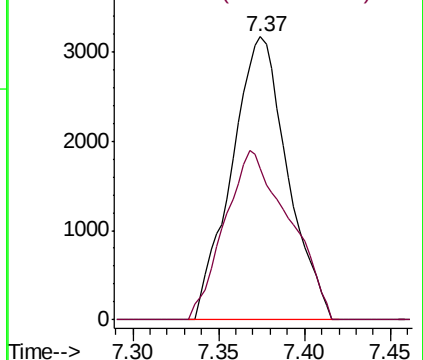


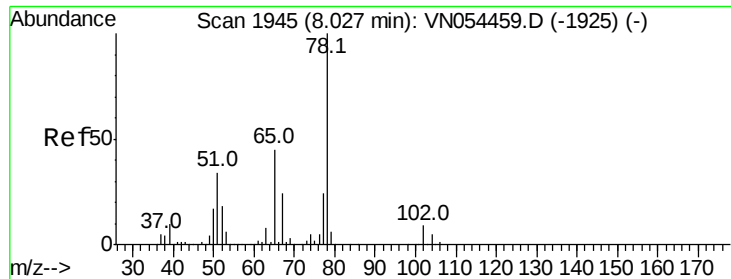
#30
Chloroform
Concen: 0.573 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 83 Resp: 7150
Ion Ratio Lower Upper
83 100
85 53.6 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 50.309 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054533.D

Acq: 22 Mar 2019 2:15

Instrument :

MSVOA_N

ClientSampleId :

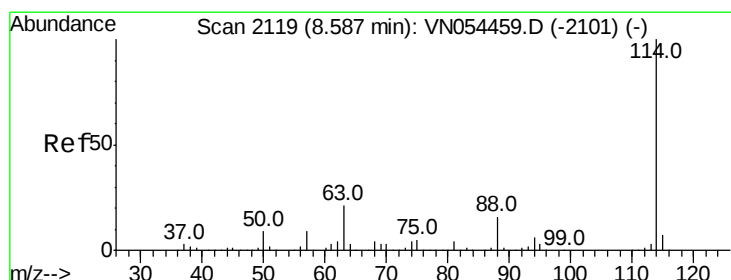
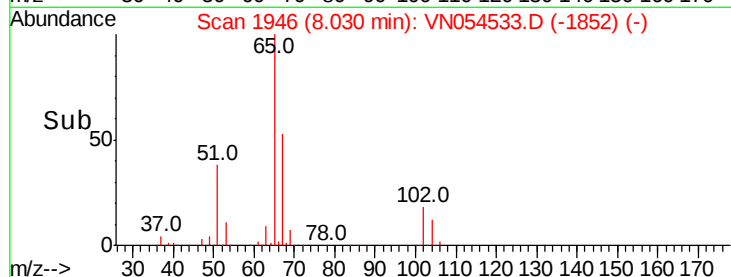
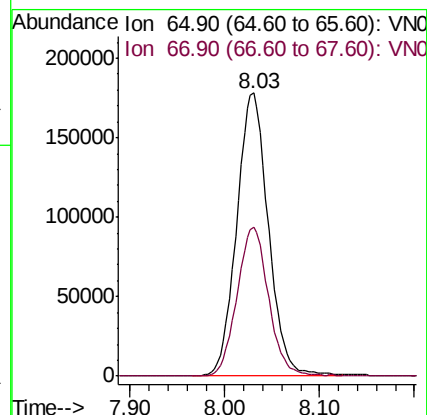
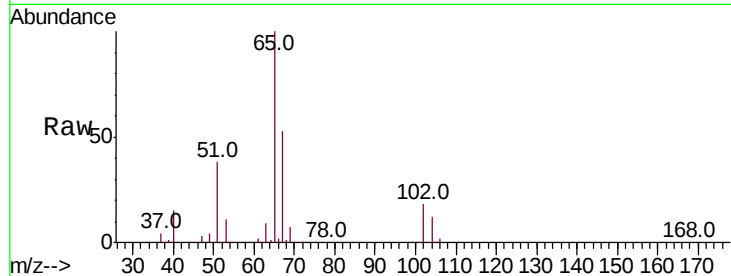
JC-02-031919-A

Tot Ion: 65 Resp: 414999

Ion Ratio Lower Upper

65 100

67 52.2 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: VN054533.D

Acq: 22 Mar 2019 2:15

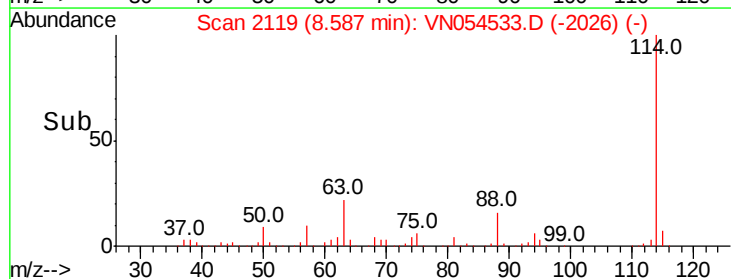
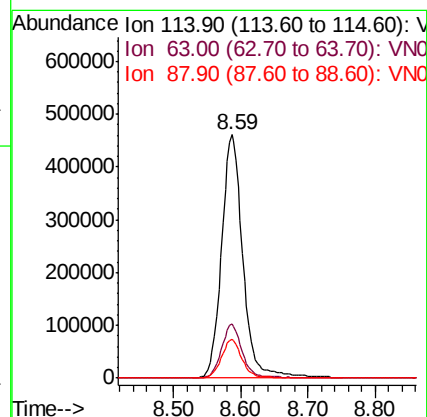
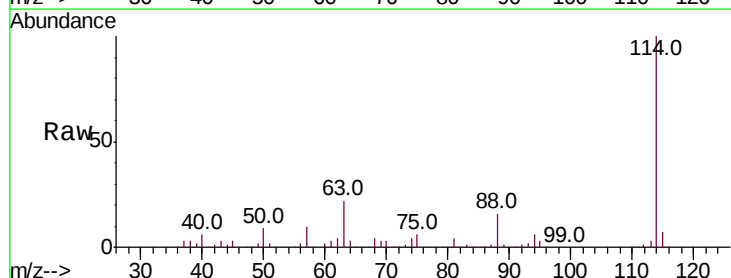
Tgt Ion: 114 Resp: 1023503

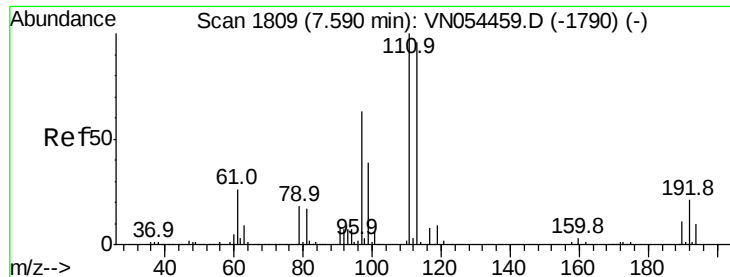
Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.2

88 16.0 0.0 30.2

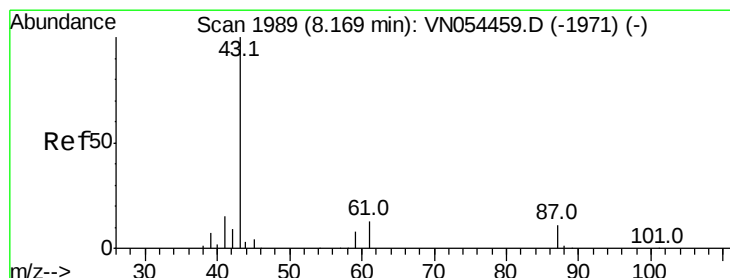
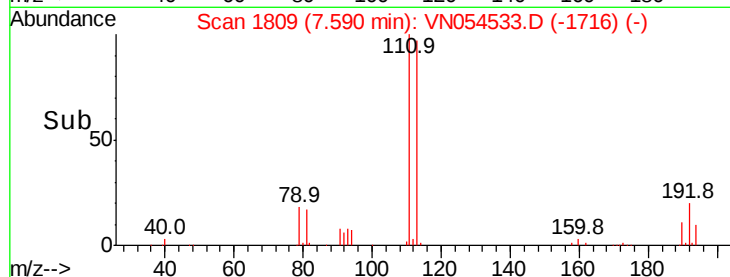
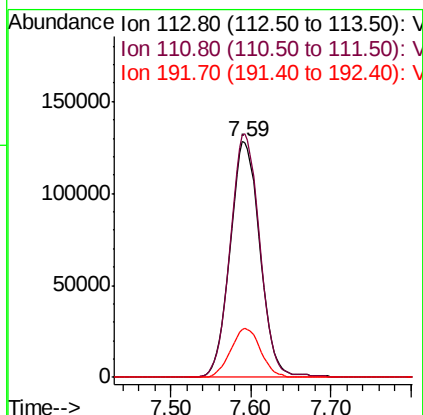
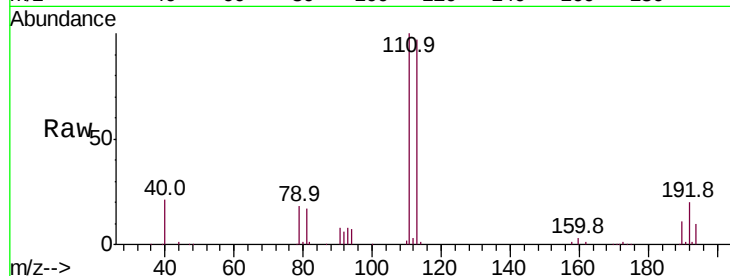




#35
 Dibromofluoromethane
 Concen: 49.179 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054533.D
 Acq: 22 Mar 2019 2:15

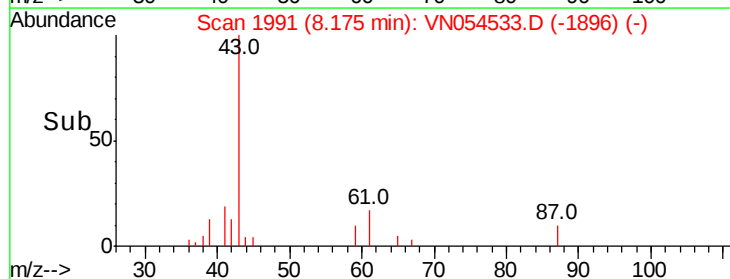
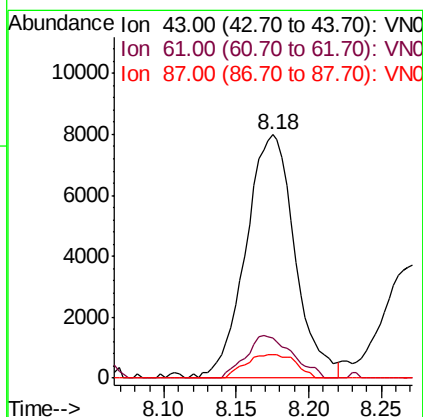
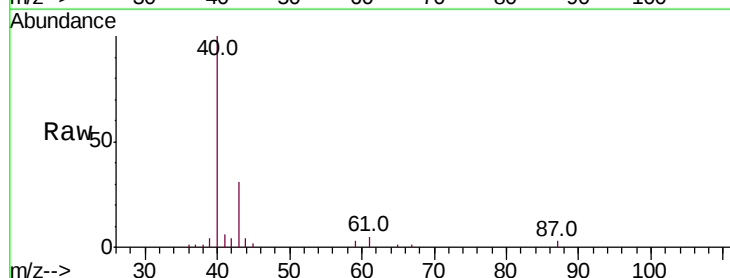
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-031919-A

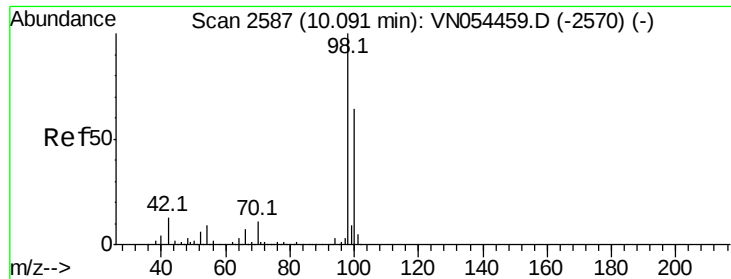
Tot Ion:113 Resp: 324279
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.4
 192 20.9 19.2 28.8



#43
 Isopropyl Acetate
 Concen: 1.634 ug/l
 RT: 8.18 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: VN054533.D
 Acq: 22 Mar 2019 2:15

Tgt Ion: 43 Resp: 18782
 Ion Ratio Lower Upper
 43 100
 61 16.5 15.8 23.8
 87 9.8 12.0 18.0#





#50

Toluene-d8

Concen: 48.200 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054533.D

Acq: 22 Mar 2019 2:15

Instrument :

MSVOA_N

ClientSampleId :

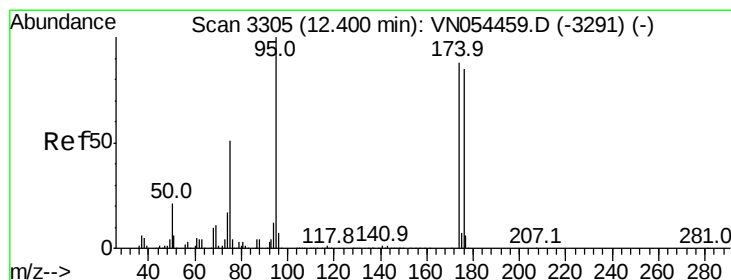
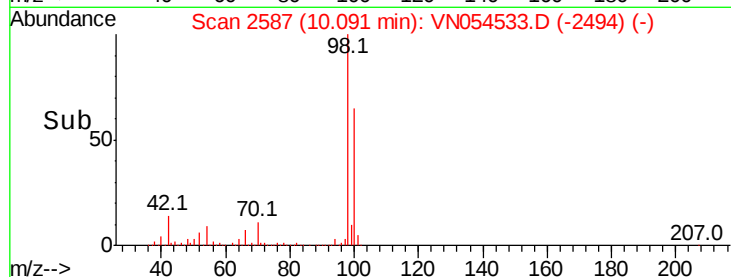
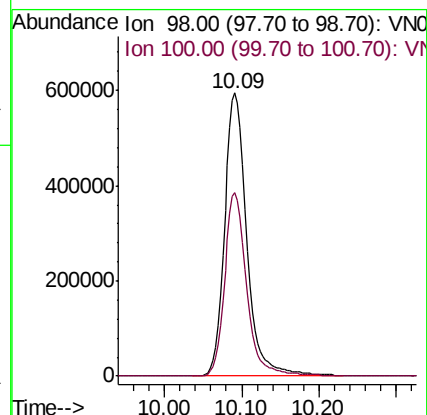
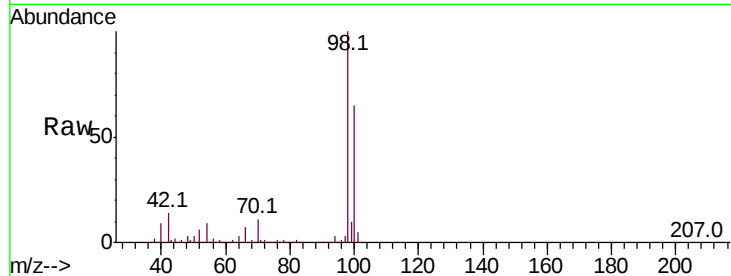
JC-02-031919-A

Tot Ion: 98 Resp: 1194825

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 42.845 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054533.D

Acq: 22 Mar 2019 2:15

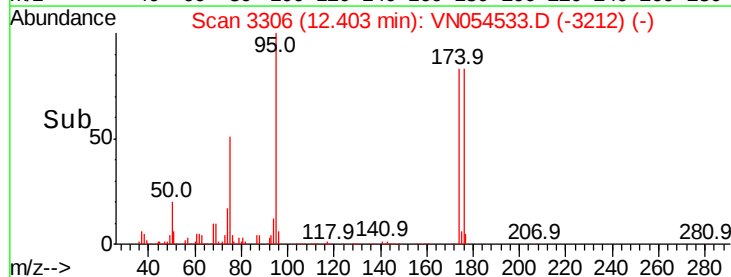
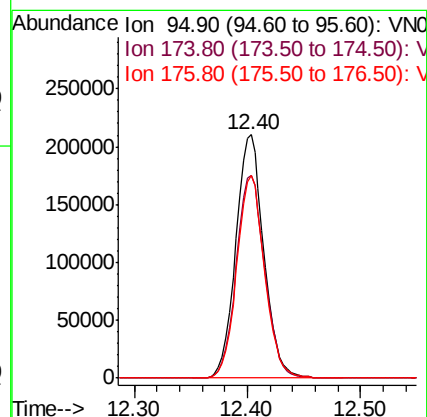
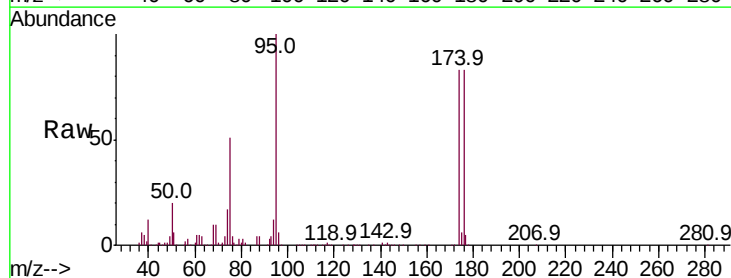
Tgt Ion: 95 Resp: 361409

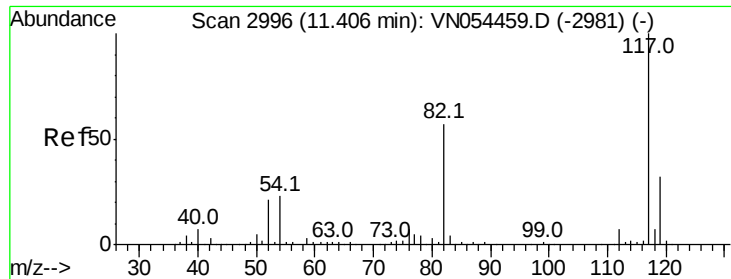
Ion Ratio Lower Upper

95 100

174 85.1 0.0 191.0

176 82.8 0.0 187.4

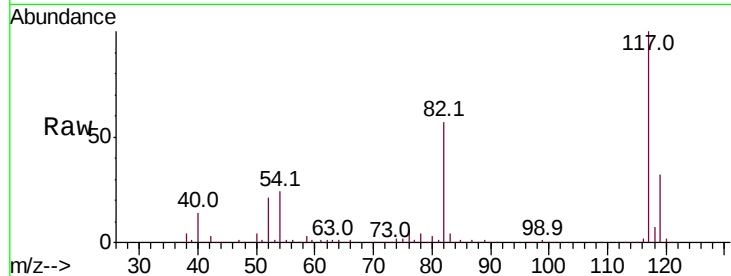




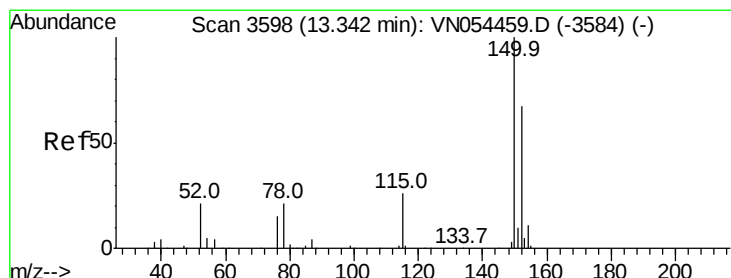
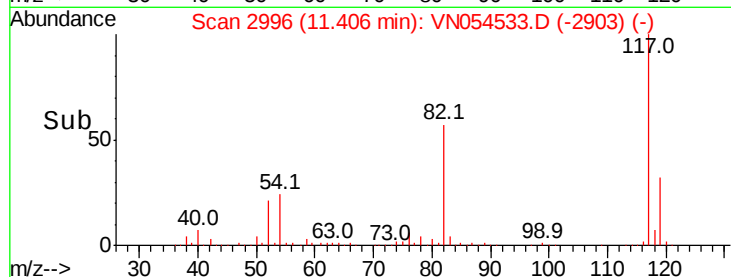
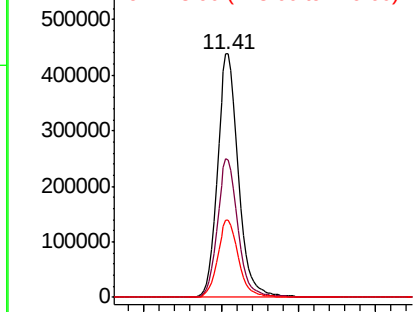
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tot Ion:117 Resp: 831072
Ion Ratio Lower Upper
117 100
82 56.8 40.0 60.0
119 31.9 25.8 38.6

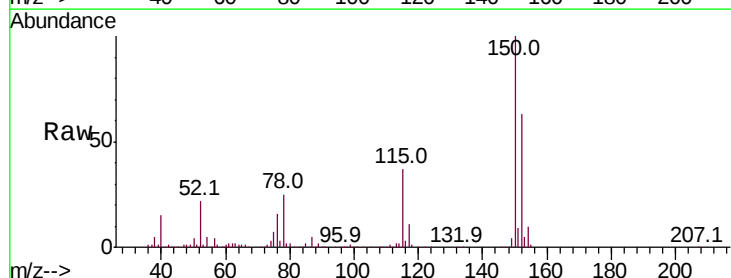


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

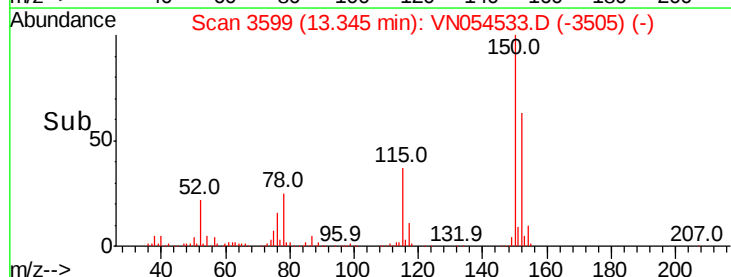
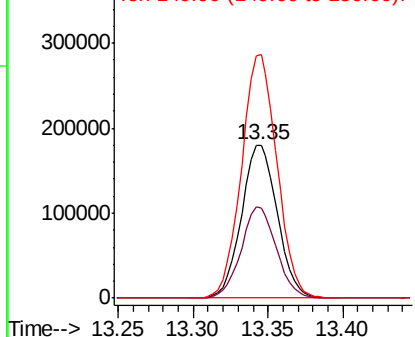


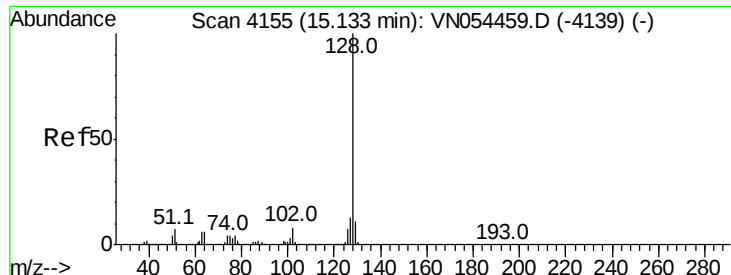
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion:152 Resp: 299856
Ion Ratio Lower Upper
152 100
115 58.7 27.2 81.6
150 157.9 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: 1.256 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054533.D

Acq: 22 Mar 2019 2:15

Instrument :

MSVOA_N

ClientSampleId :

JC-02-031919-A

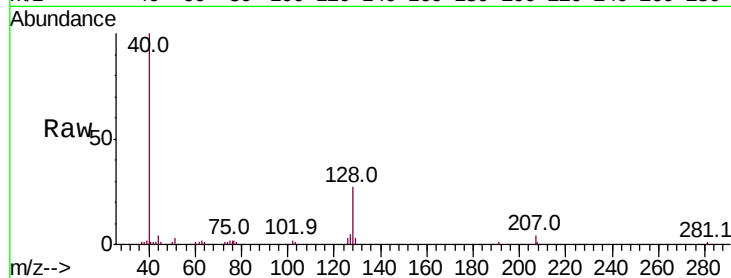
Tot Ion:128 Resp: 13435

Ion Ratio Lower Upper

128 100

127 15.8 10.1 15.1#

129 11.6 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

