

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
 Data File : VN054449.D
 Acq On : 19 Mar 2019 19:18
 Operator : JC/SP
 Sample : K1693-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-031819-A

Quant Time: Mar 20 04:54:54 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

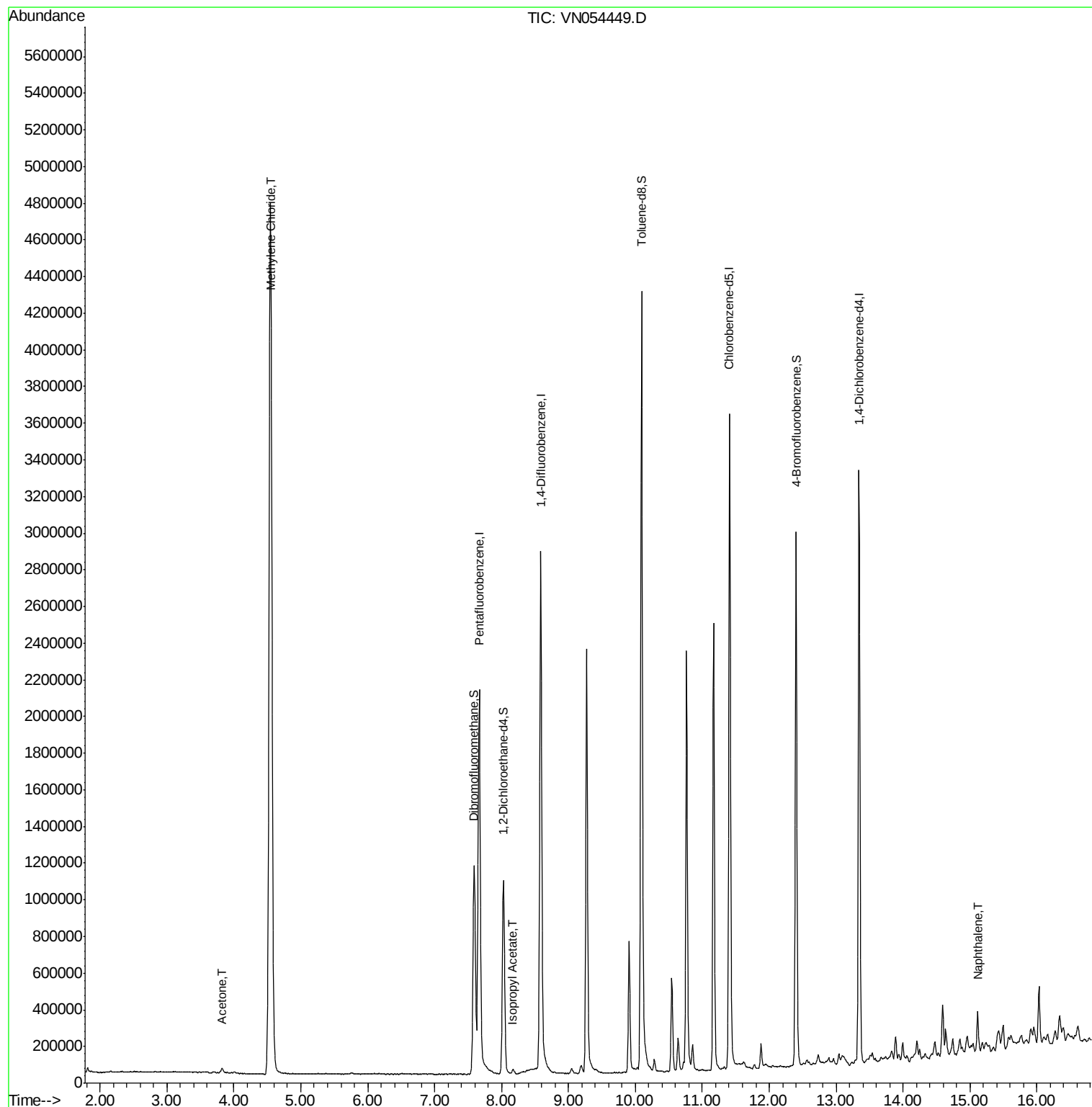
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	2149588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	3017208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2510421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	982871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	904546	39.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.24%	
35) Dibromofluoromethane	7.59	113	890354	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
50) Toluene-d8	10.09	98	3463118	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.40	95	1054054	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.84%	
Target Compounds						
16) Acetone	3.82	43	37596	5.752	ug/l	93
20) Methylene Chloride	4.55	84	3936557	183.416	ug/l	96
43) Isopropyl Acetate	8.17	43	29258	1.044	ug/l	99
95) Naphthalene	15.13	128	34290	4.210	ug/l #	94

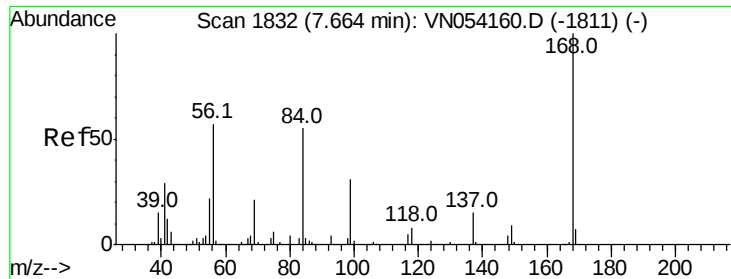
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031919\
Data File : VN054449.D
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OR-03-031819-A

Quant Time: Mar 20 04:54:54 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: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

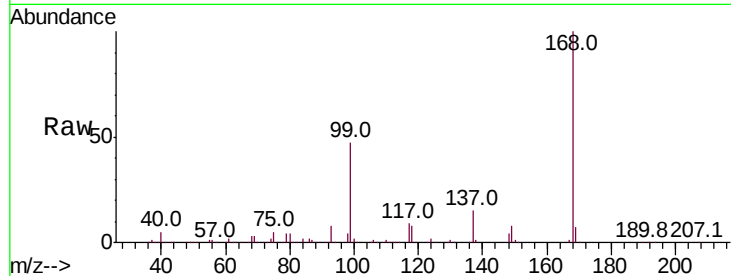
OR-03-031819-A

Tot Ion:168 Resp: 2149588

Ion Ratio Lower Upper

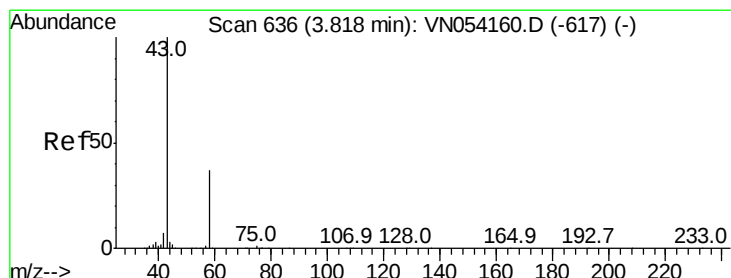
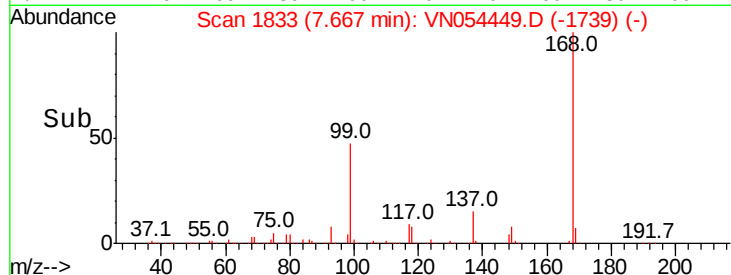
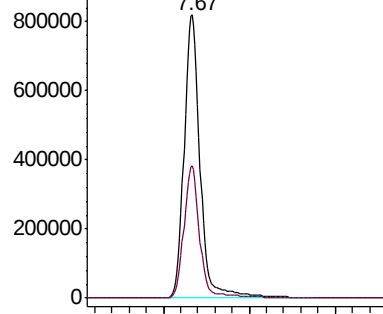
168 100

99 46.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 5.752 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054449.D

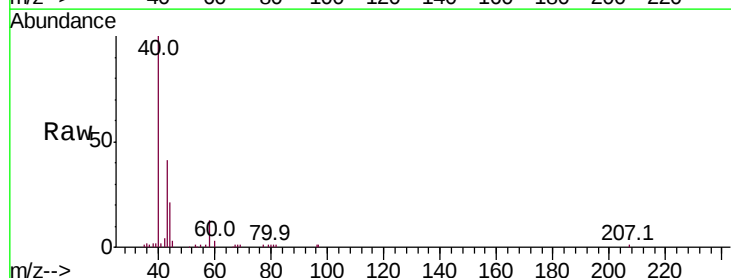
Acq: 19 Mar 2019 19:18

Tgt Ion: 43 Resp: 37596

Ion Ratio Lower Upper

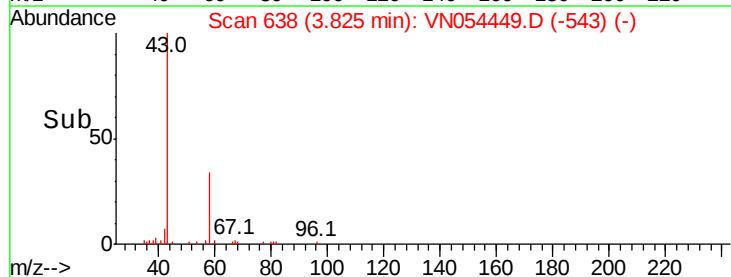
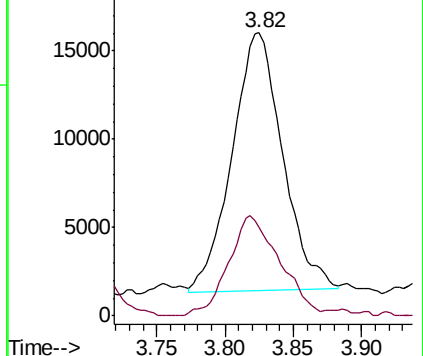
43 100

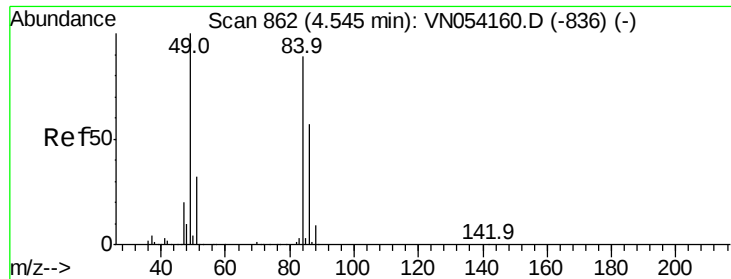
58 33.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN



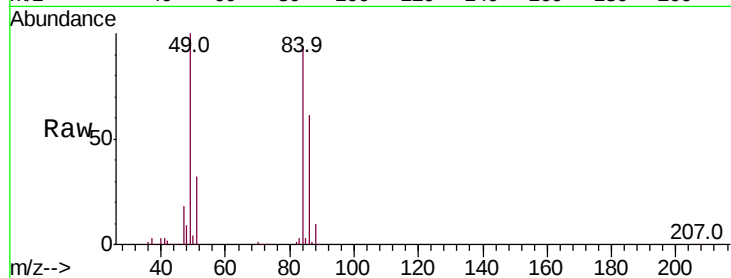


#20
Methylene Chloride
Concen: 183.416 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
OR-03-031819-A

Tot Ion: 84 Resp: 3936557

Ion	Ratio	Lower	Upper
84	100		
49	106.2	89.7	134.5
51	33.5	28.2	42.4
86	65.1	50.8	76.2



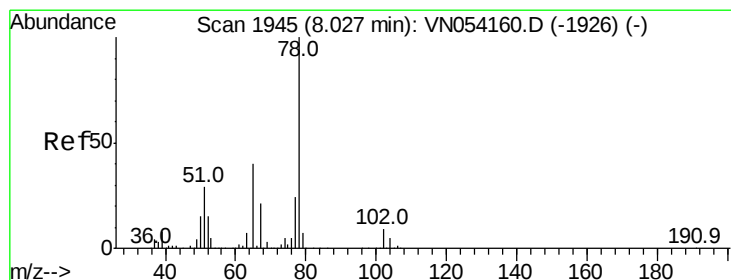
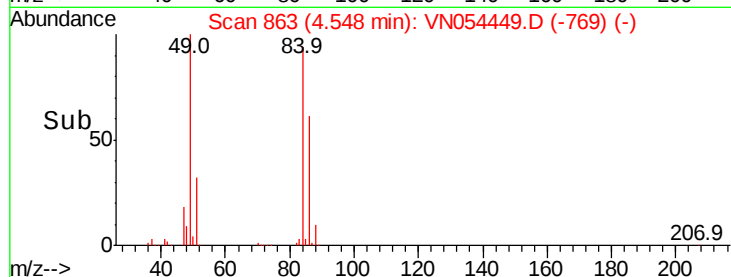
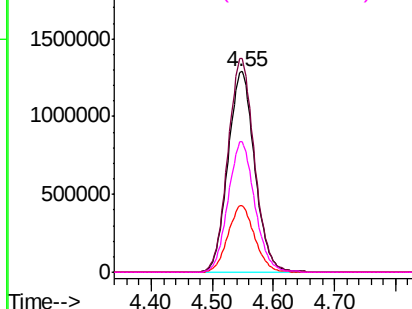
Abundance

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

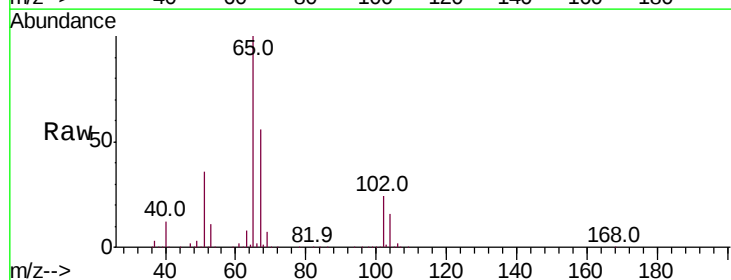
Ion 85.90 (85.60 to 86.60): VNO



#33
1,2-Dichloroethane-d4
Concen: 39.623 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

Tgt Ion: 65 Resp: 904546

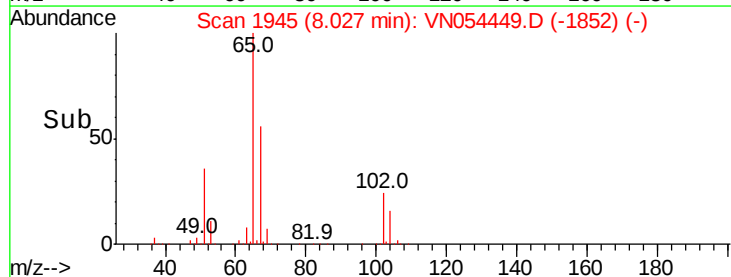
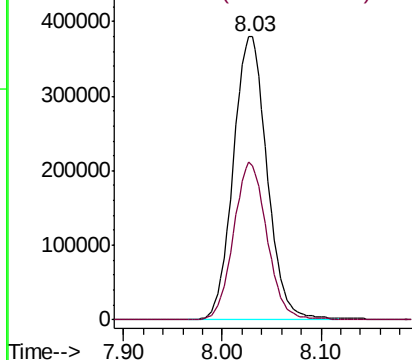
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	104.6

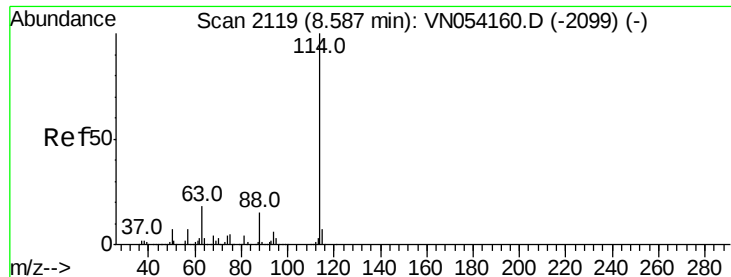


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-031819-A

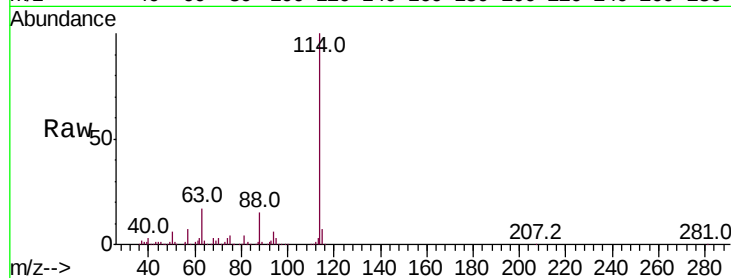
Tot Ion:114 Resp: 3017208

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.2

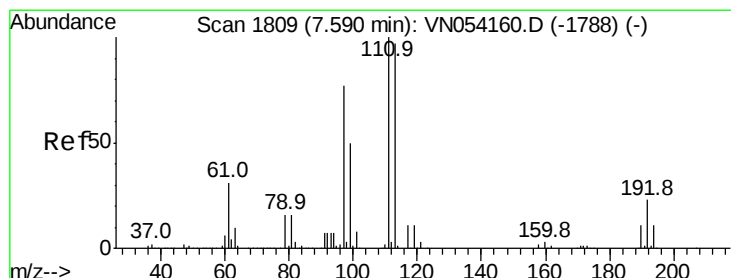
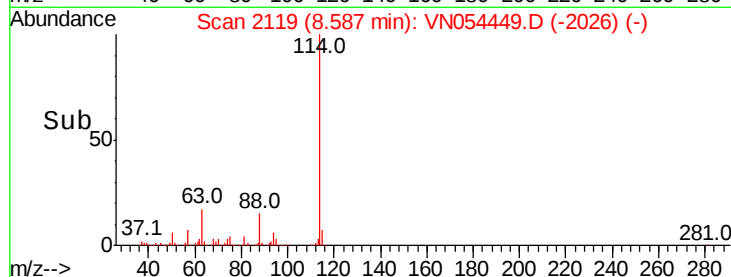
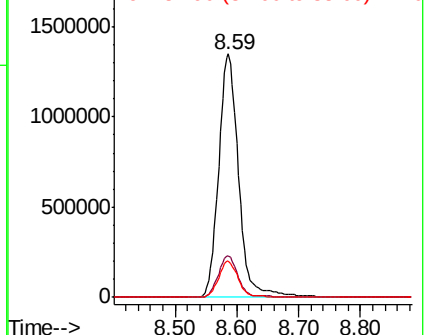
88 14.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.754 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

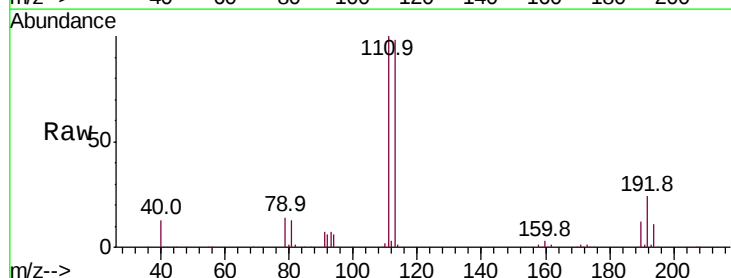
Tgt Ion:113 Resp: 890354

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

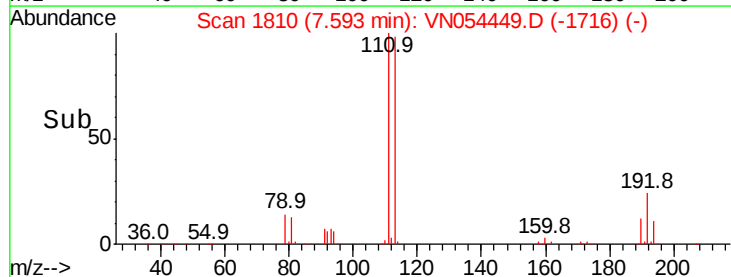
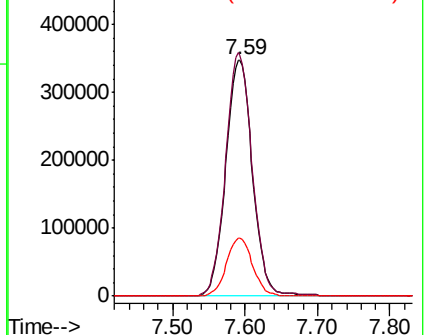
192 24.2 19.2 28.8

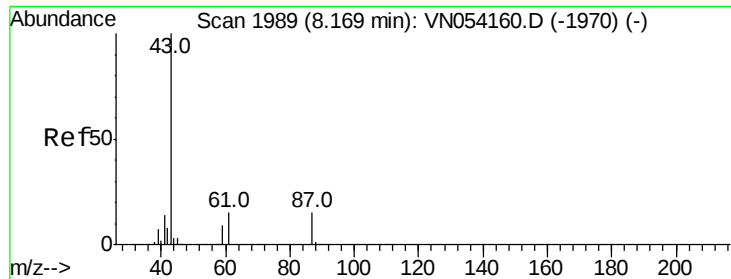


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.044 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-031819-A

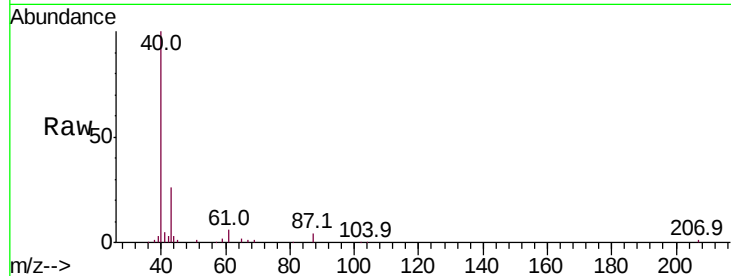
Tot Ion: 43 Resp: 29258

Ion Ratio Lower Upper

43 100

61 20.3 15.8 23.8

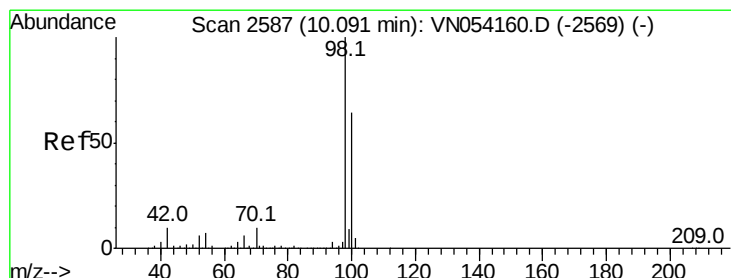
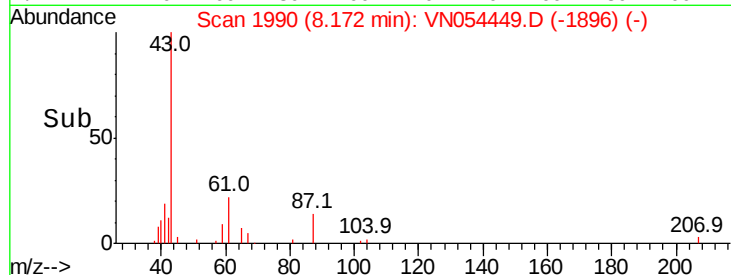
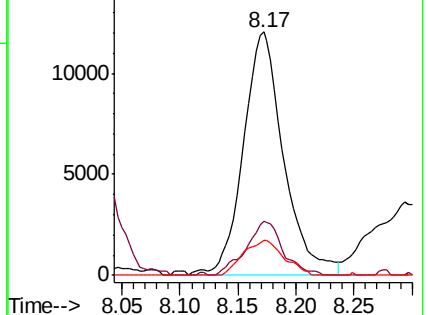
87 14.3 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.187 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054449.D

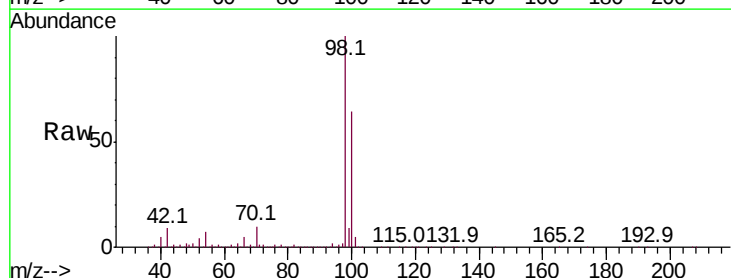
Acq: 19 Mar 2019 19:18

Tgt Ion: 98 Resp: 3463118

Ion Ratio Lower Upper

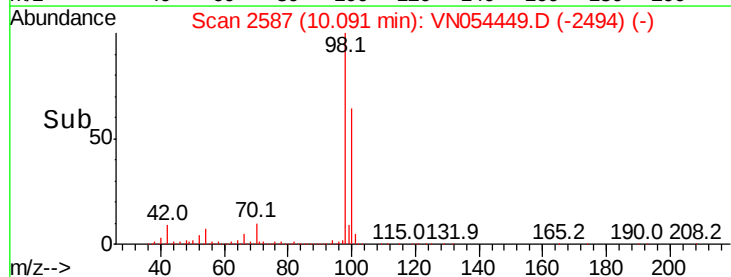
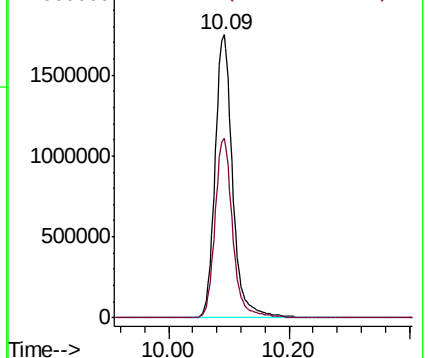
98 100

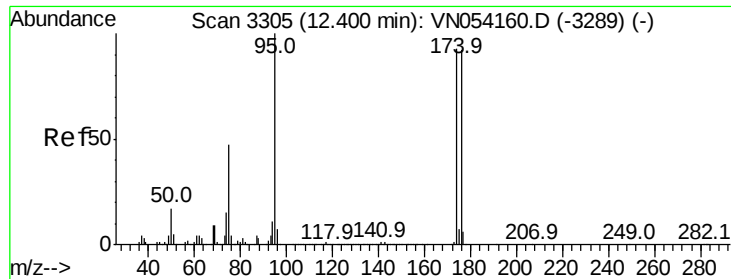
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

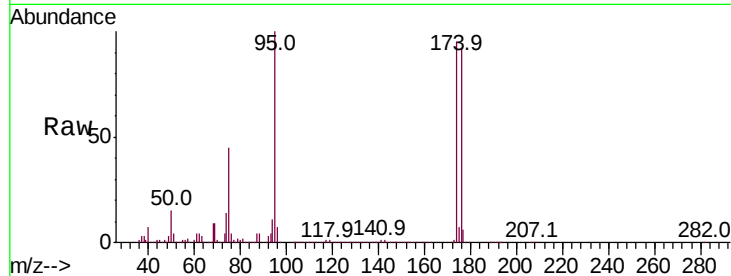




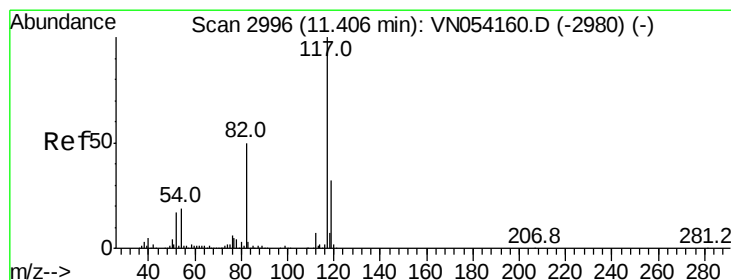
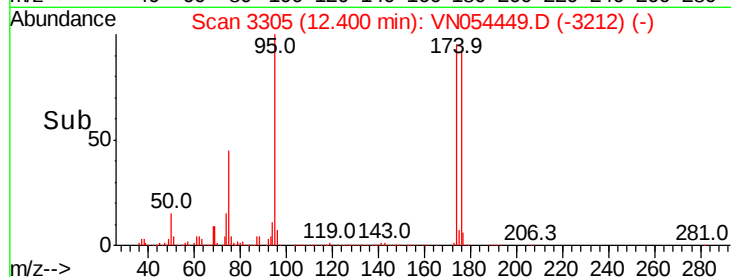
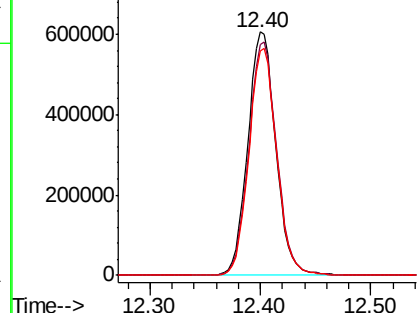
#62
4-Bromofluorobenzene
Concen: 41.916 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

Instrument :
MSVOA_N
ClientSampleId :
OR-03-031819-A

Tot Ion: 95 Resp: 1054054
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.0
176 93.1 0.0 187.4

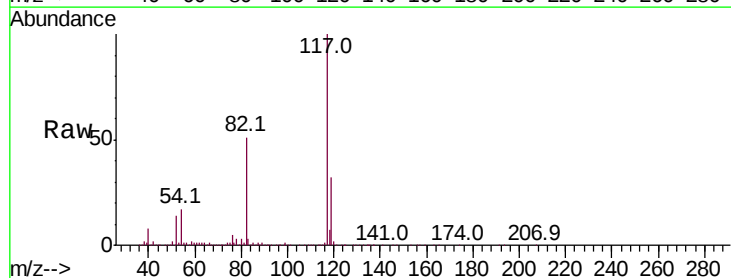


Abundance Ion 94.90 (94.60 to 95.60): VN0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

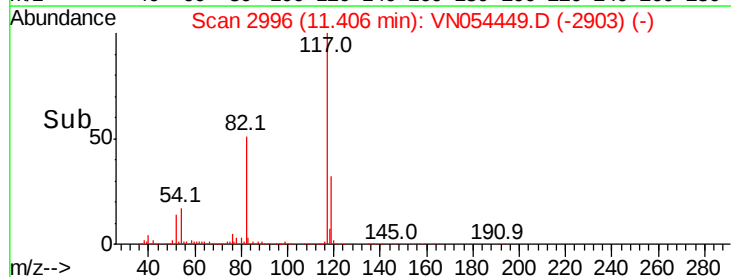
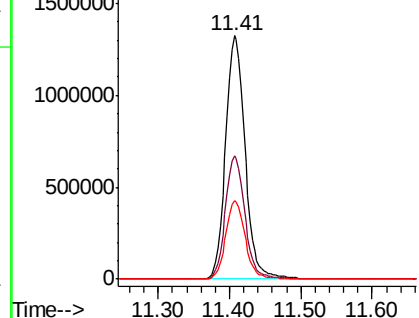


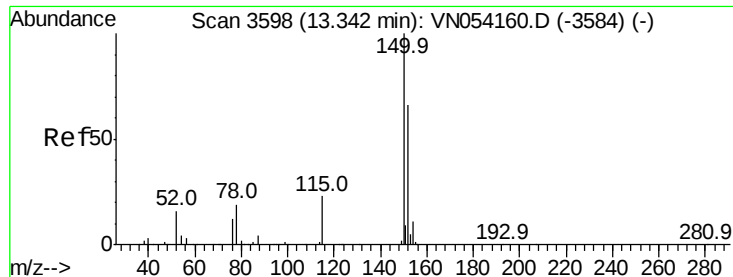
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054449.D
Acq: 19 Mar 2019 19:18

Tgt Ion: 117 Resp: 2510421
Ion Ratio Lower Upper
117 100
82 50.7 40.0 60.0
119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
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: VN054449.D

Acq: 19 Mar 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

OR-03-031819-A

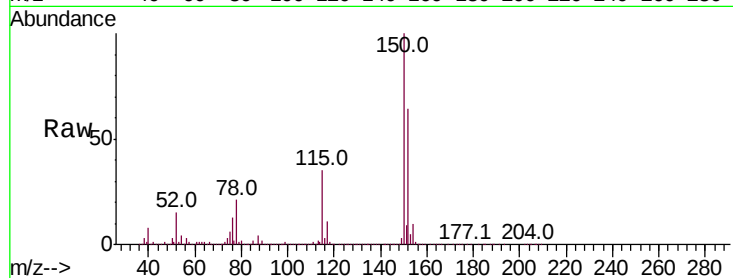
Tot Ion:152 Resp: 982871

Ion Ratio Lower Upper

152 100

115 54.4 27.2 81.6

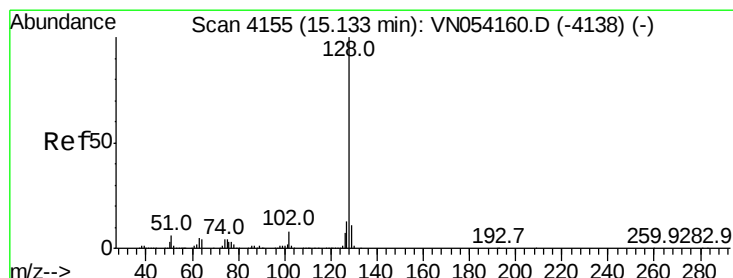
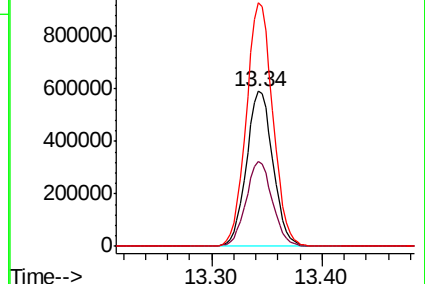
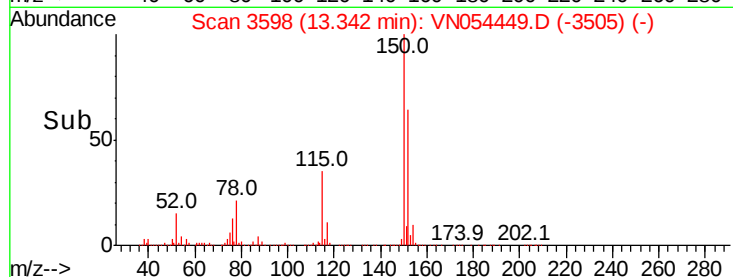
150 156.9 0.0 349.2



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: 4.210 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054449.D

Acq: 19 Mar 2019 19:18

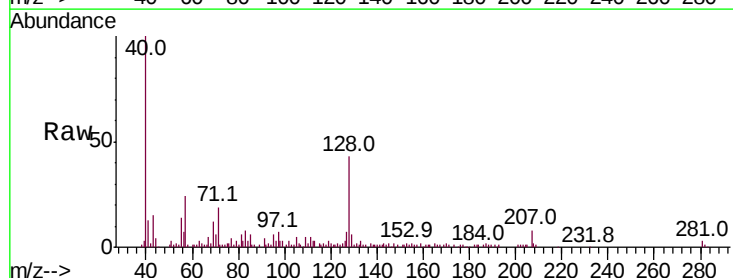
Tgt Ion:128 Resp: 34290

Ion Ratio Lower Upper

128 100

127 16.7 10.1 15.1#

129 11.3 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

