

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054238.D
 Acq On : 14 Mar 2019 3:31
 Operator : JC/SP
 Sample : K1871-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Mar 14 08:45:51 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

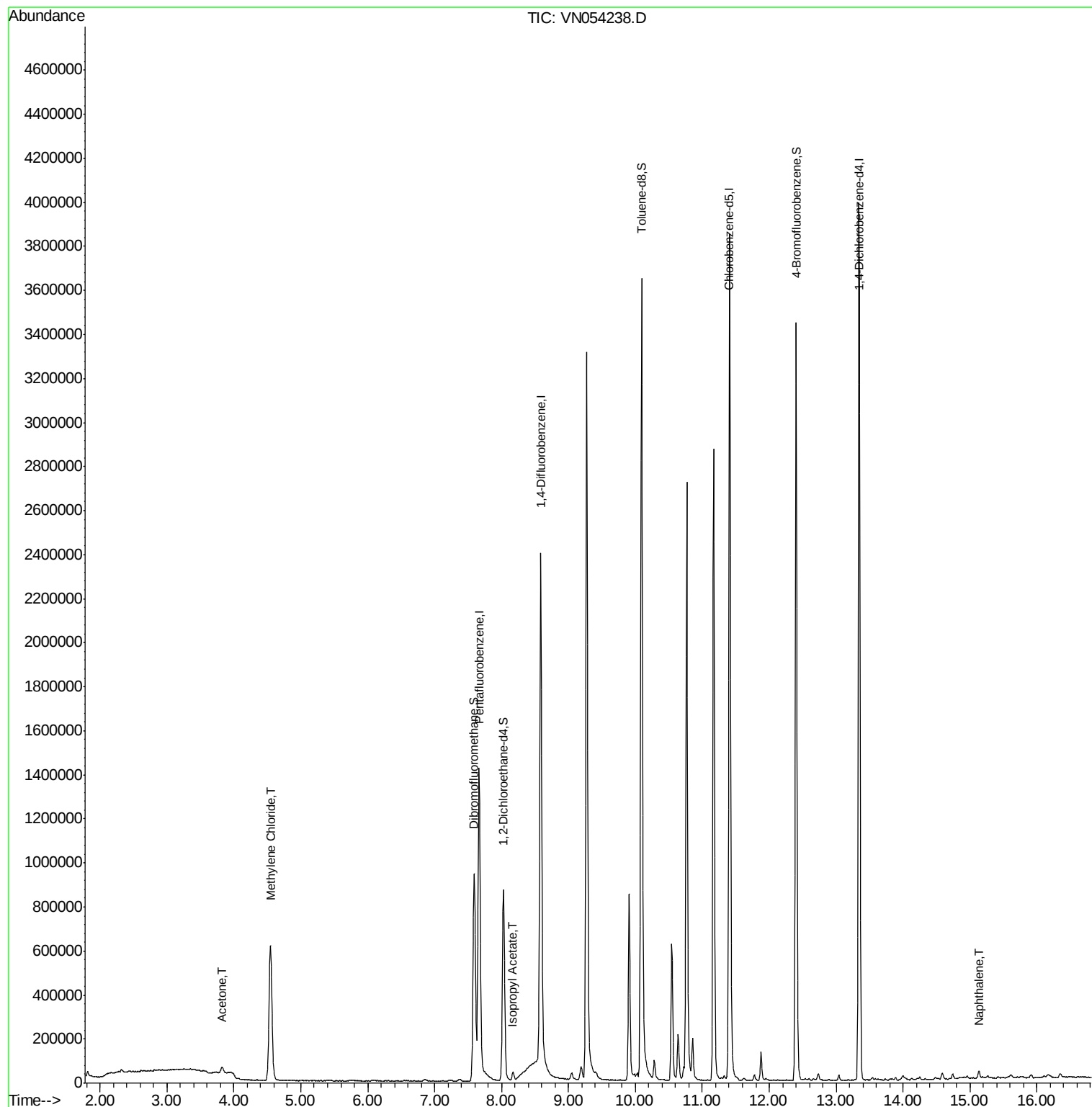
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1408912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2336841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2553632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1183310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	764168	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
35) Dibromofluoromethane	7.59	113	727359	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
50) Toluene-d8	10.09	98	2949631	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.40	95	1177139	60.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.88%	
Target Compounds						
16) Acetone	3.82	43	45104	10.528	ug/l	90
20) Methylene Chloride	4.55	84	492998	35.046	ug/l	99
43) Isopropyl Acetate	8.17	43	47534	2.190	ug/l	99
95) Naphthalene	15.14	128	30140	4.010	ug/l	97

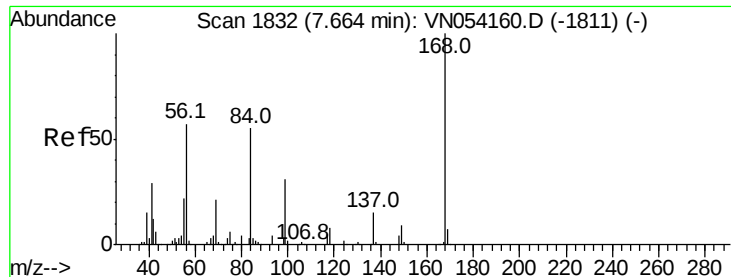
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054238.D

Acq: 14 Mar 2019 3:31

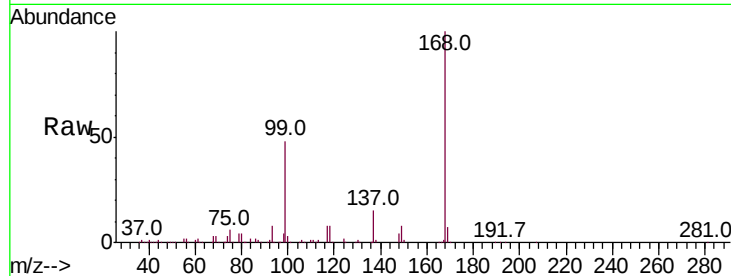
Instrument :
MSVOA_N
ClientSampled :
TP-1

Tot Ion:168 Resp: 1408912

Ion Ratio Lower Upper

168 100

99 47.9 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

600000

500000

400000

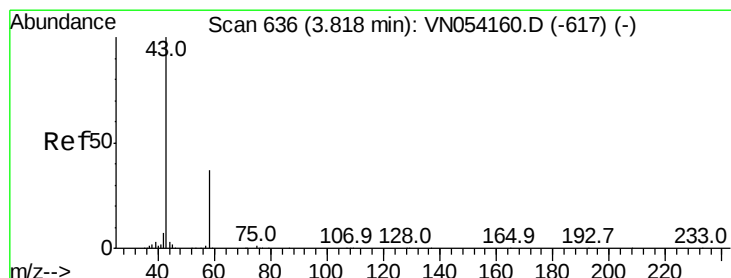
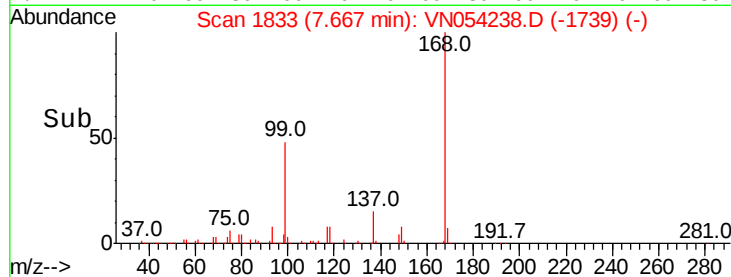
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 10.528 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054238.D

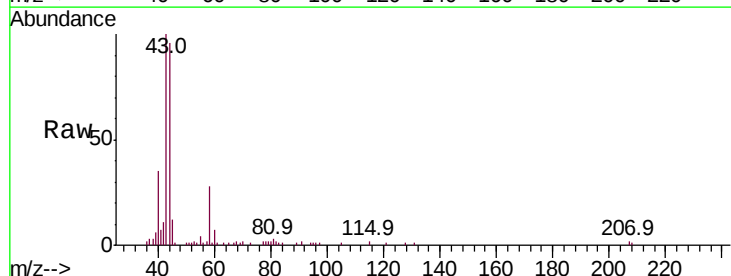
Acq: 14 Mar 2019 3:31

Tgt Ion: 43 Resp: 45104

Ion Ratio Lower Upper

43 100

58 31.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

20000

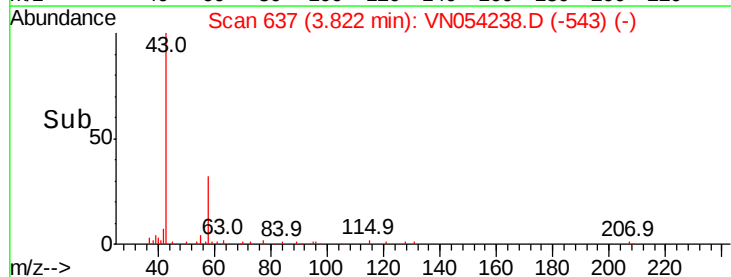
15000

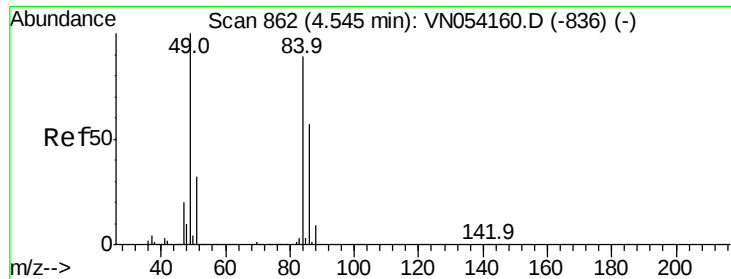
10000

5000

0

Time--> 3.75 3.80 3.85 3.90



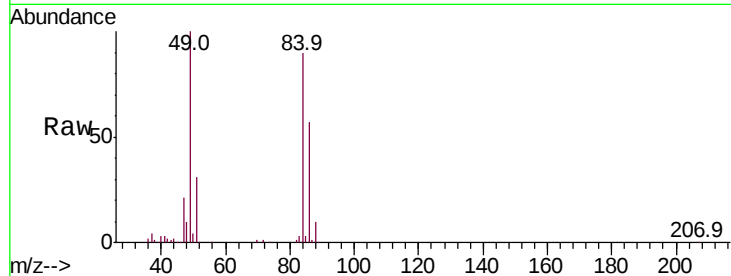


#20

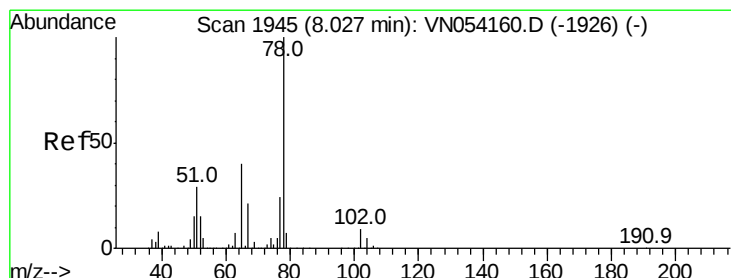
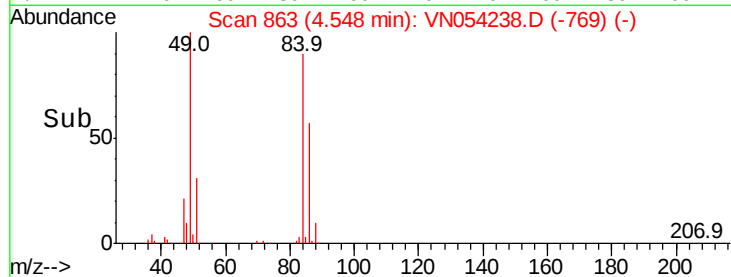
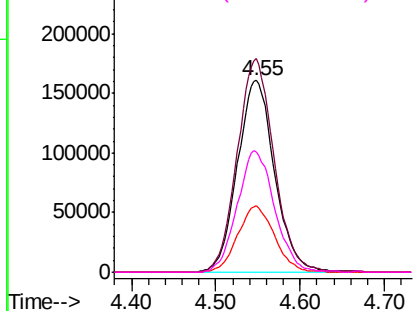
Methylene Chloride
 Concen: 35.046 ug/l
 RT: 4.55 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VN054238.D
 Acq: 14 Mar 2019 3:31

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

Tot Ion:	84	Resp:	492998
Ion	Ratio	Lower	Upper
84	100		
49	111.5	89.7	134.5
51	34.5	28.2	42.4
86	63.1	50.8	76.2



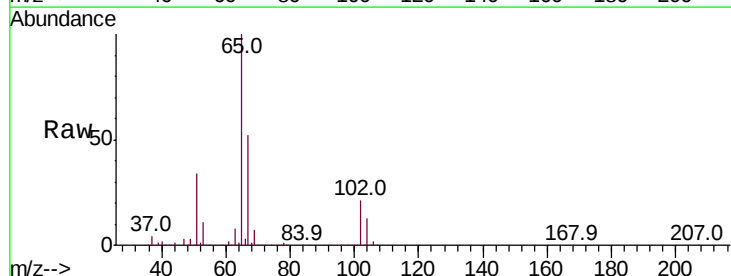
Abundance Ion 83.90 (83.60 to 84.60): VNO
 Ion 48.90 (48.60 to 49.60): VNO
 Ion 50.90 (50.60 to 51.60): VNO
 Ion 85.90 (85.60 to 86.60): VNO



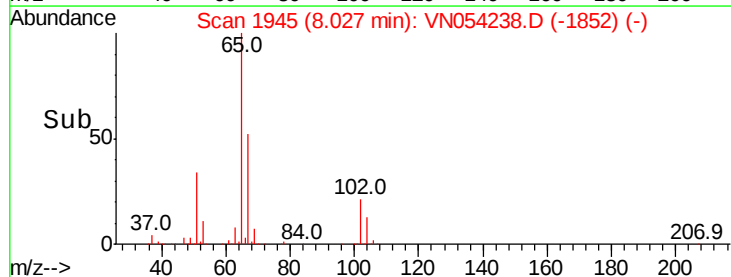
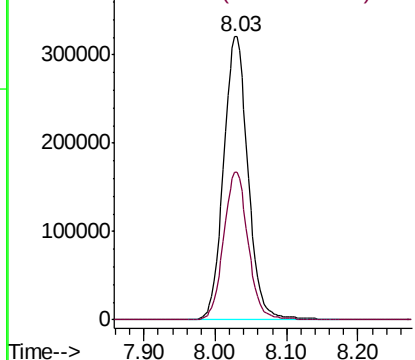
#33

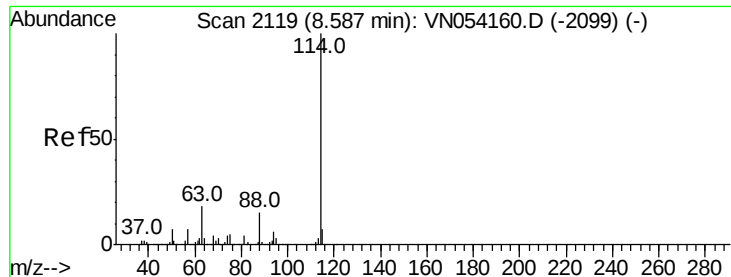
1,2-Dichloroethane-d4
 Concen: 51.072 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054238.D
 Acq: 14 Mar 2019 3:31

Tgt Ion:	65	Resp:	764168
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO
 Ion 66.90 (66.60 to 67.60): VNO



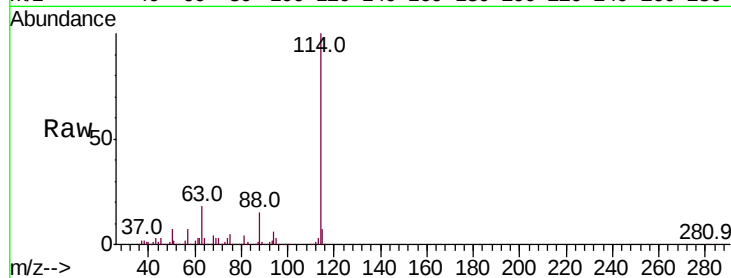


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054238.D
 Acq: 14 Mar 2019 3:31

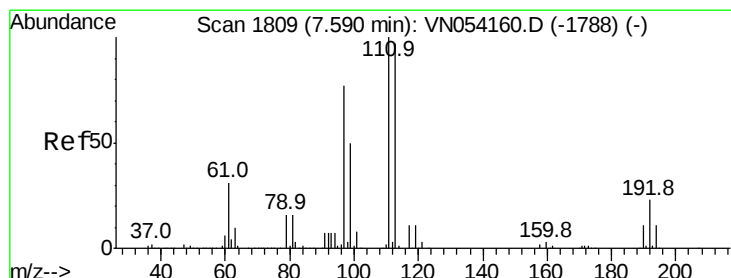
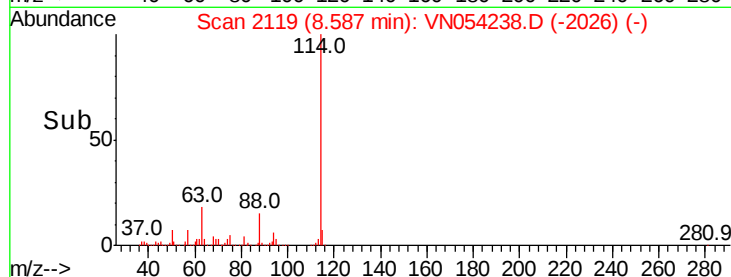
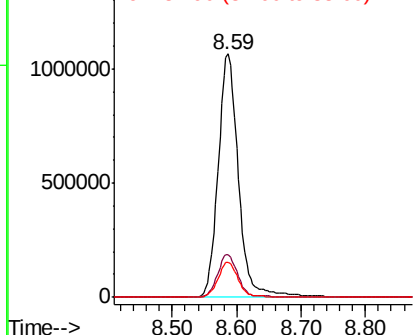
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

Tot Ion:114 Resp: 2336841

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.2
88	14.6	0.0	30.2



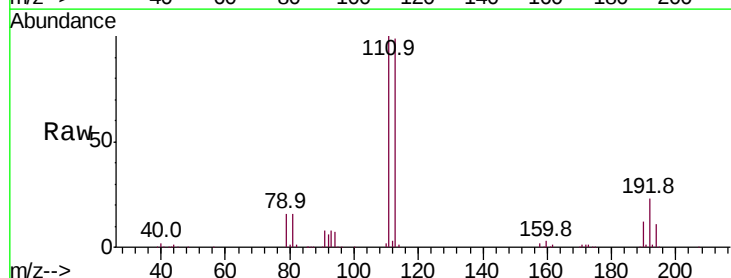
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



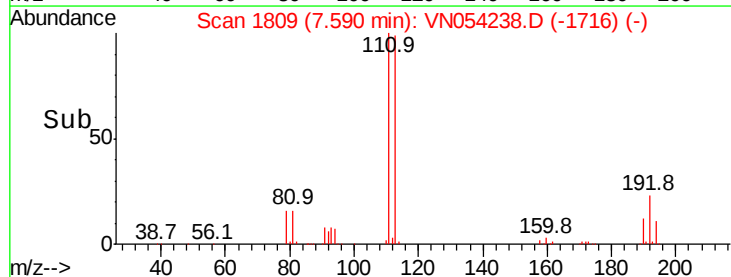
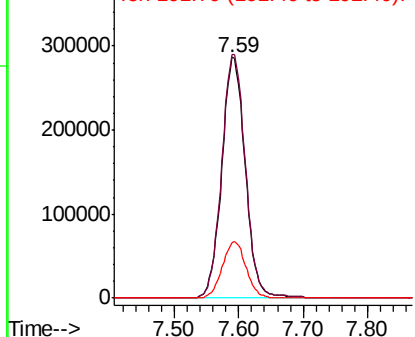
#35
 Dibromofluoromethane
 Concen: 48.260 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054238.D
 Acq: 14 Mar 2019 3:31

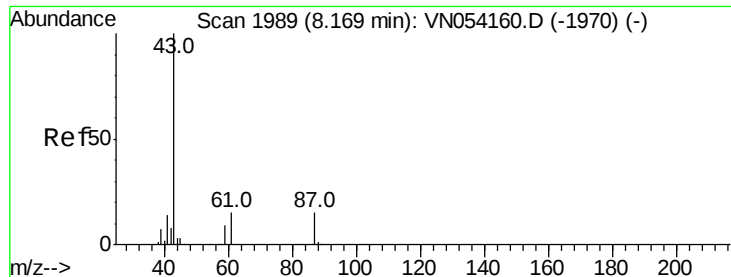
Tgt Ion:113 Resp: 727359

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	23.6	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: 2.190 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054238.D

Acq: 14 Mar 2019 3:31

Instrument :

MSVOA_N

ClientSampled :

TP-1

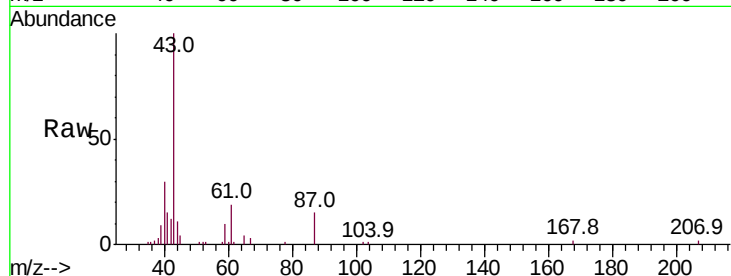
Tot Ion: 43 Resp: 47534

Ion Ratio Lower Upper

43 100

61 20.7 15.8 23.8

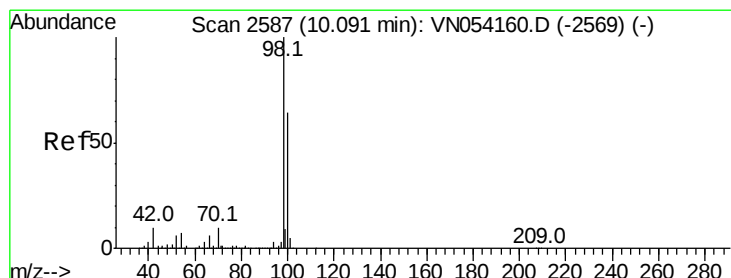
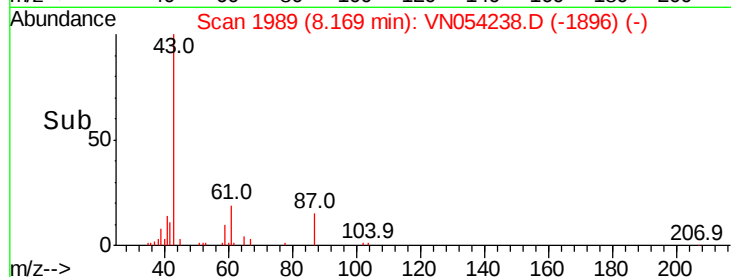
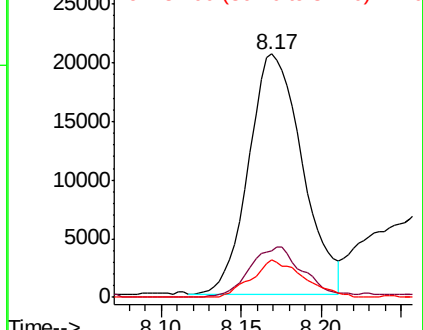
87 15.0 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN054160.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN054160.D (-1970) (-)



#50

Toluene-d8

Concen: 52.992 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054238.D

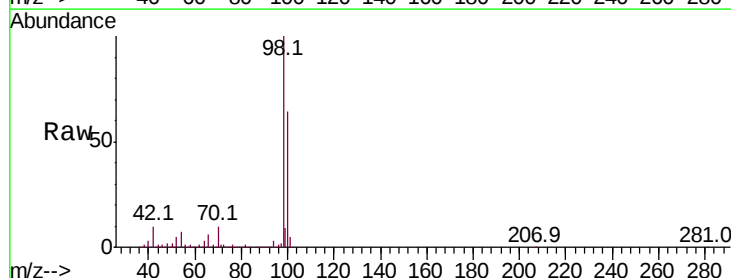
Acq: 14 Mar 2019 3:31

Tgt Ion: 98 Resp: 2949631

Ion Ratio Lower Upper

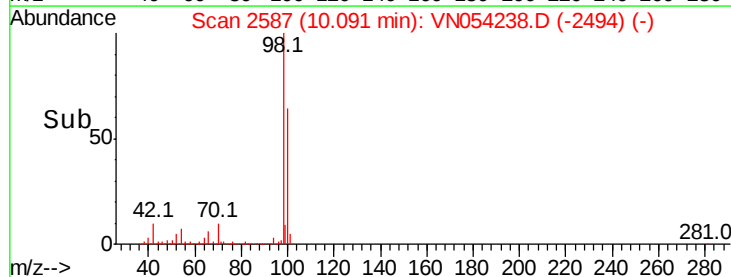
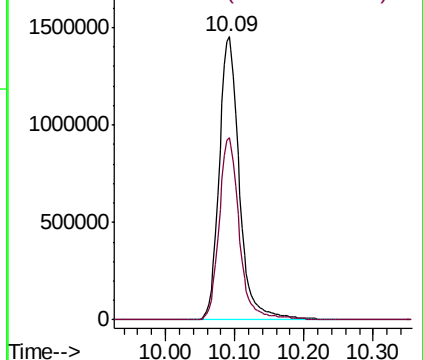
98 100

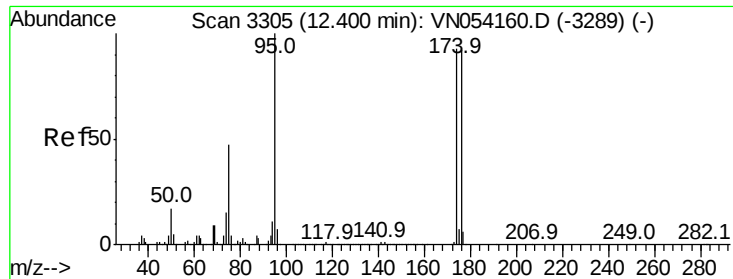
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054160.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054160.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 60.440 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054238.D

Acq: 14 Mar 2019 3:31

Instrument :

MSVOA_N

ClientSampled :

TP-1

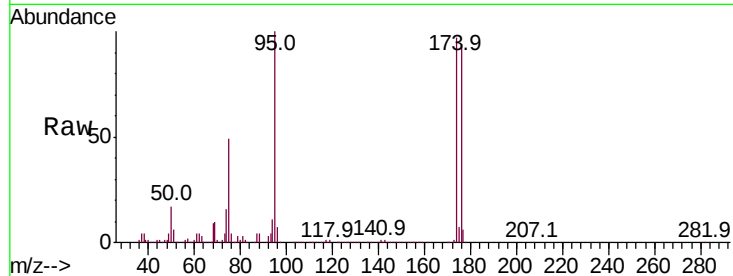
Tot Ion: 95 Resp: 1177139

Ion Ratio Lower Upper

95 100

174 98.1 0.0 191.0

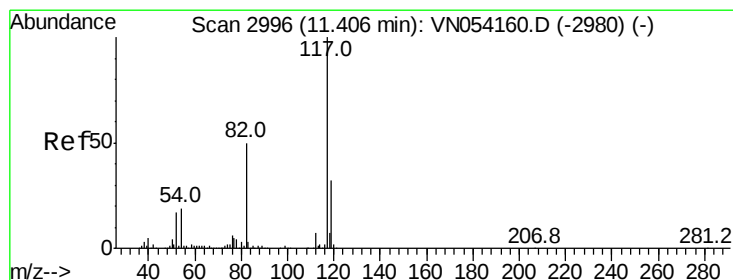
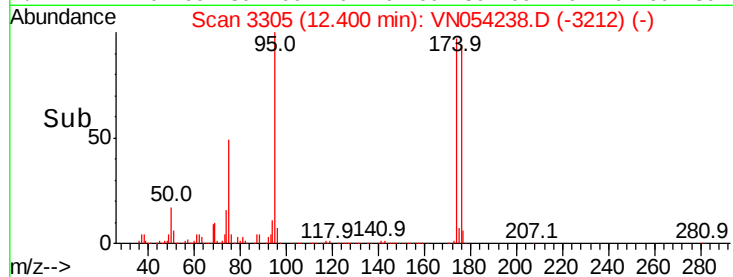
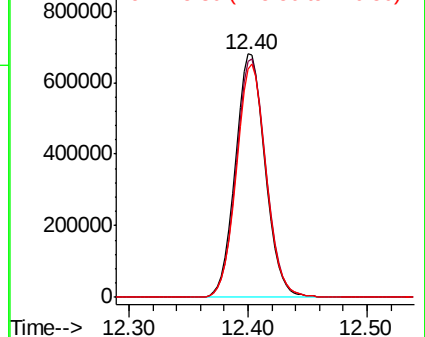
176 95.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054238.D

Acq: 14 Mar 2019 3:31

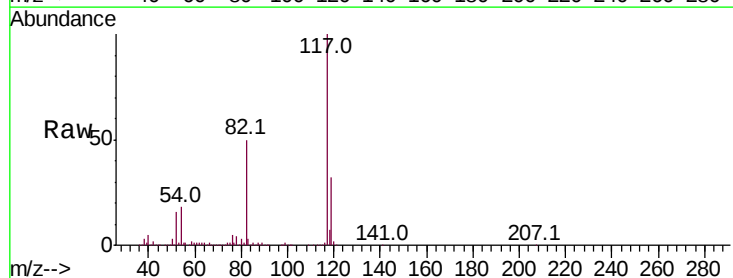
Tgt Ion: 117 Resp: 2553632

Ion Ratio Lower Upper

117 100

82 50.2 40.0 60.0

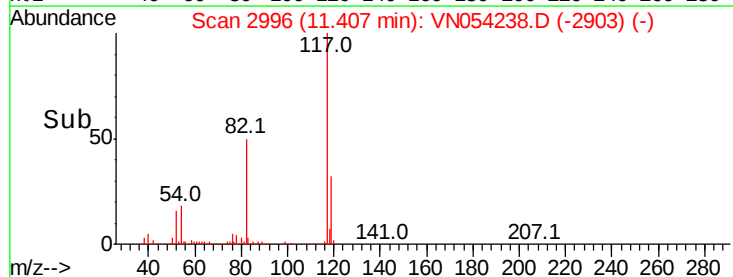
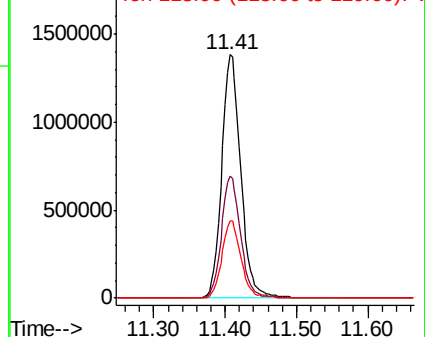
119 31.6 25.8 38.6

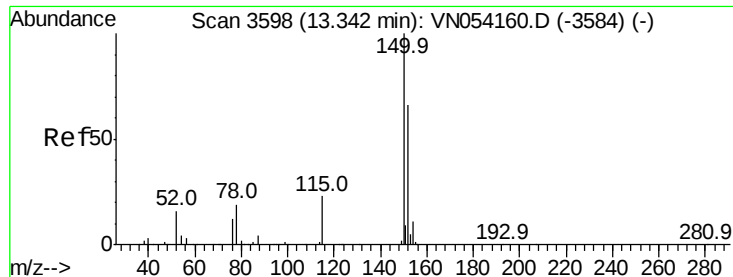


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054238.D

Acq: 14 Mar 2019 3:31

Instrument :

MSVOA_N

ClientSampled :

TP-1

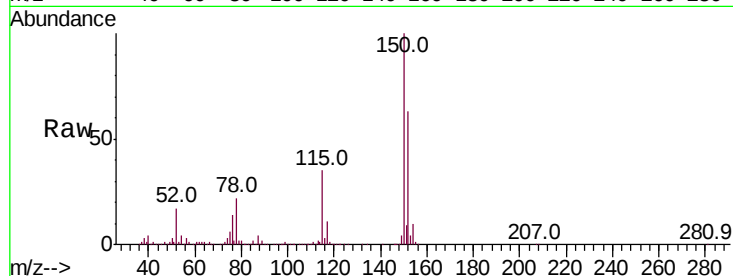
Tot Ion:152 Resp: 1183310

Ion Ratio Lower Upper

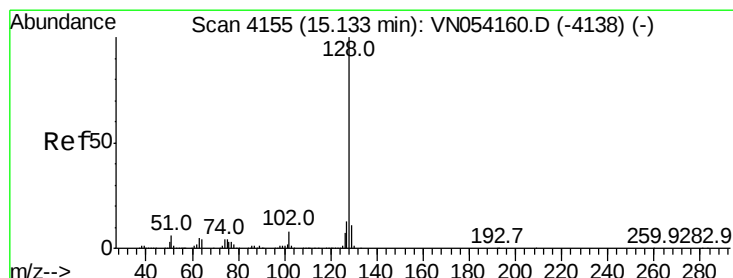
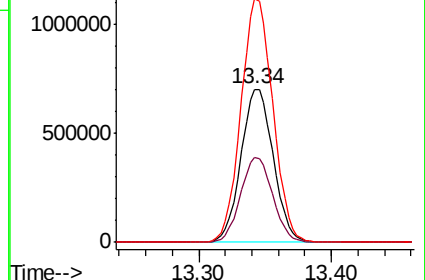
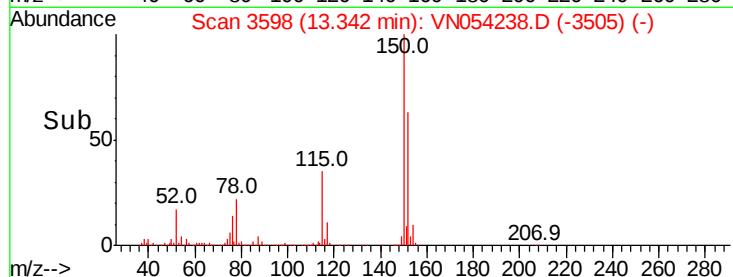
152 100

115 55.3 27.2 81.6

150 157.7 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: 4.010 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054238.D

Acq: 14 Mar 2019 3:31

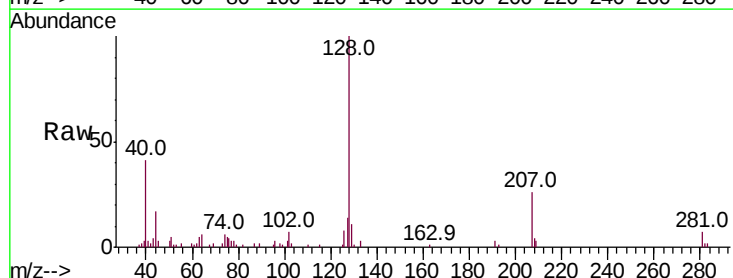
Tgt Ion:128 Resp: 30140

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 13.0 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

