

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052158.D
 Acq On : 5 Nov 2018 20:20
 Operator : MD\SY
 Sample : J5764-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-110218-J

Quant Time: Nov 06 06:09:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

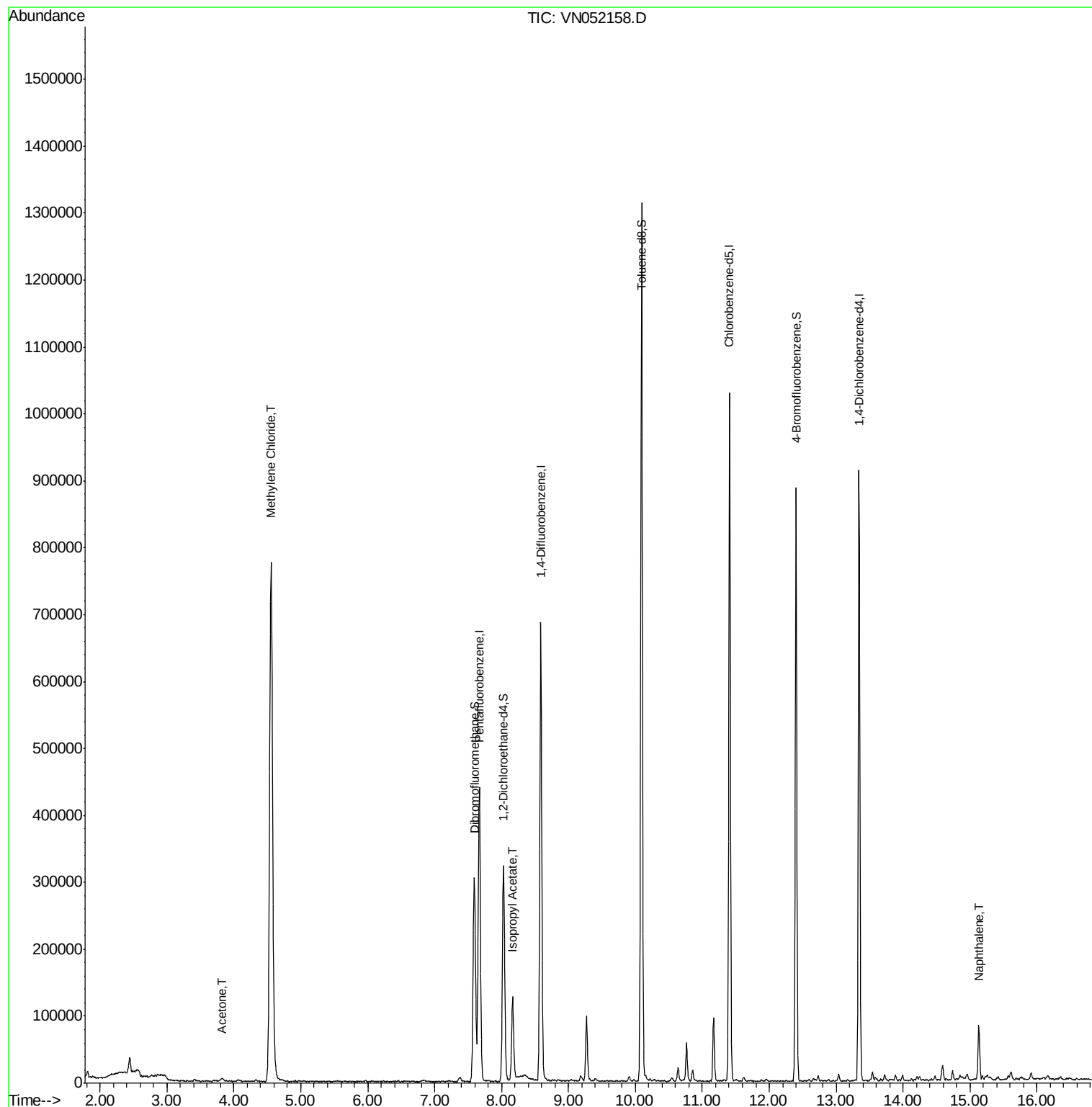
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	345393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	610814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	574772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	232276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	258366	63.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.18%	
35) Dibromofluoromethane	7.59	113	230300	60.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.46%	
50) Toluene-d8	10.09	98	901899	61.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.02%	
62) 4-Bromofluorobenzene	12.40	95	292469	60.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.54%	
Target Compounds						
16) Acetone	3.82	43	8627	9.297	ug/l	93
20) Methylene Chloride	4.55	84	582053	150.965	ug/l	96
43) Isopropyl Acetate	8.16	43	149634	24.270	ug/l #	89
95) Naphthalene	15.13	128	67082	9.431	ug/l	100

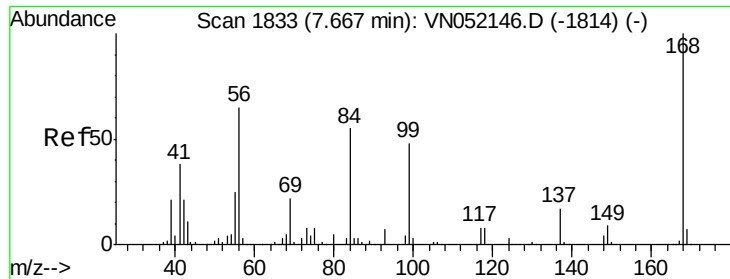
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 05 22:32:25 2018
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: VN052158.D

Acq: 5 Nov 2018 20:20

Instrument :

MSVOA_N

ClientSampleId :

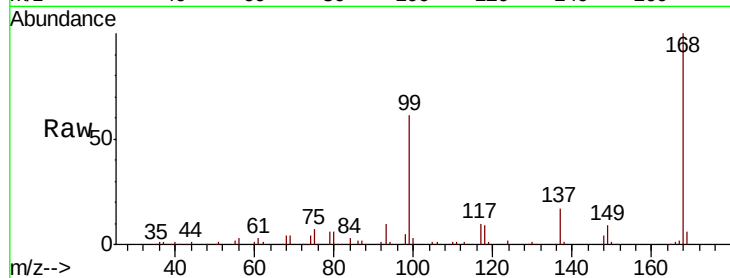
JC-03-110218-J

Tot Ion:168 Resp: 345393

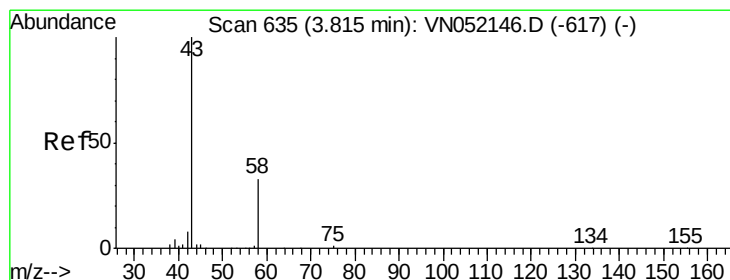
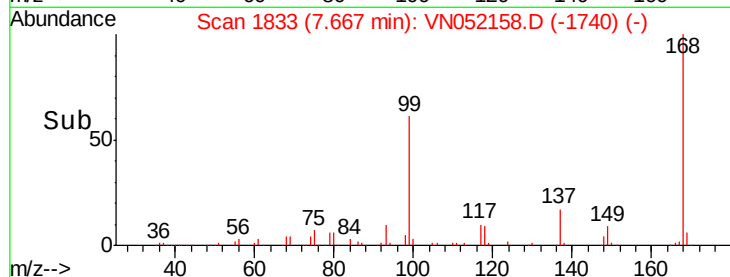
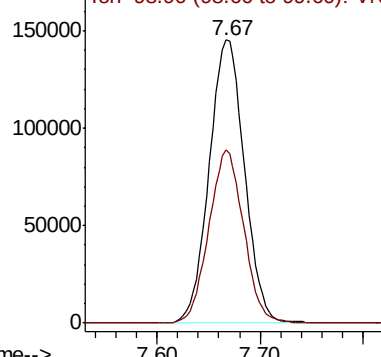
Ion Ratio Lower Upper

168 100

99 61.1 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VN052146.D (-1814) (-)



#16

Acetone

Concen: 9.297 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052158.D

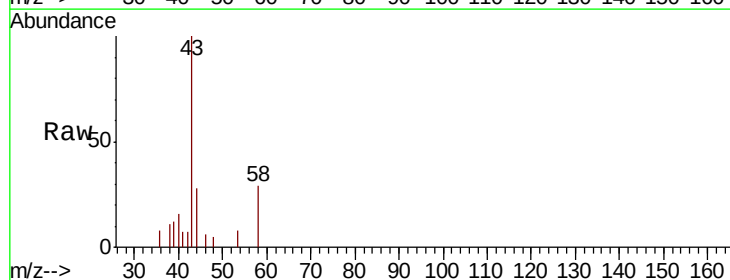
Acq: 5 Nov 2018 20:20

Tgt Ion: 43 Resp: 8627

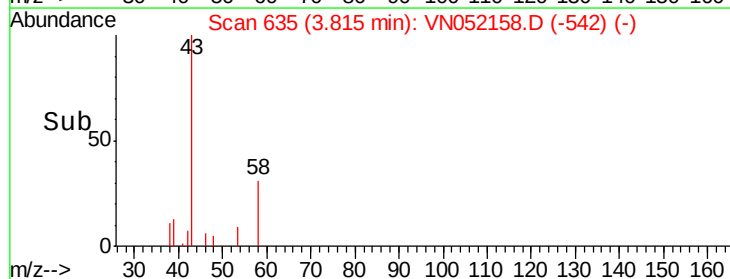
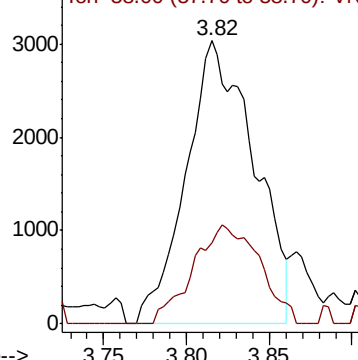
Ion Ratio Lower Upper

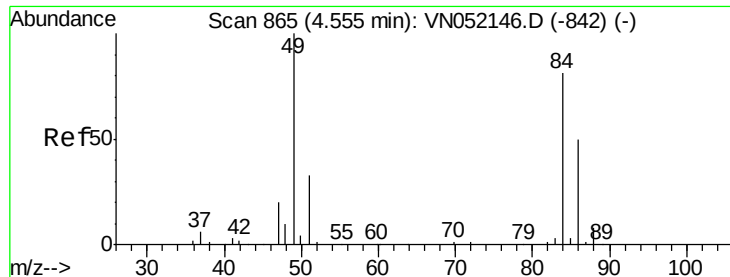
43 100

58 28.8 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VN052146.D (-617) (-)

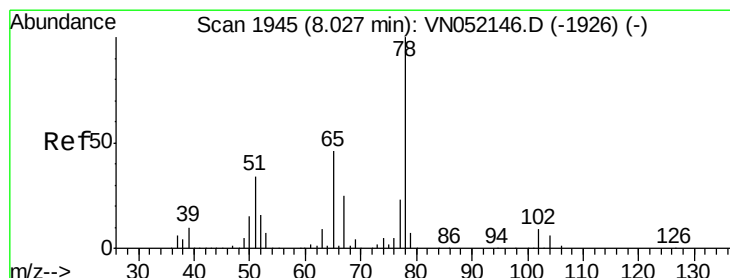
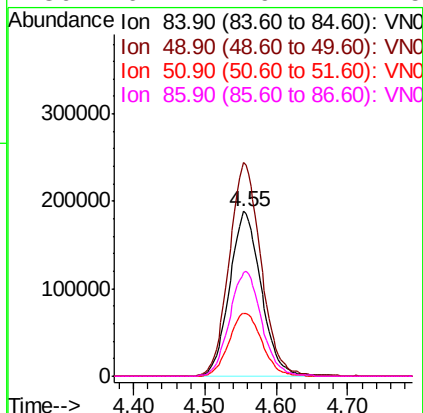
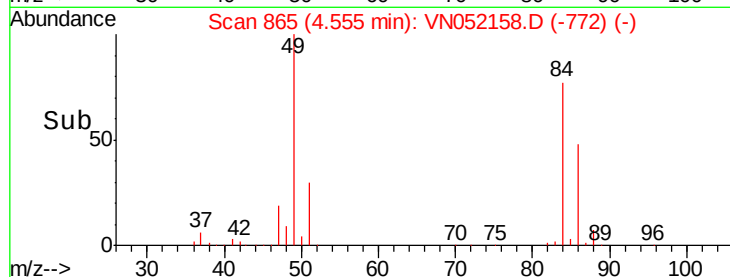
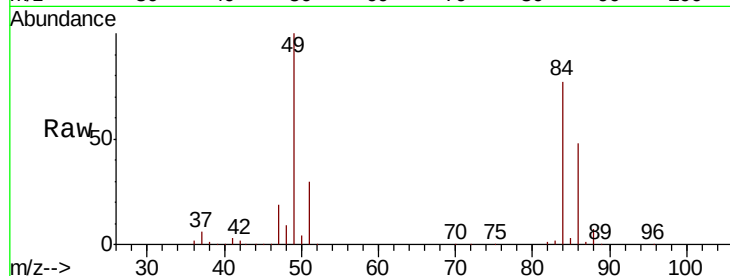




#20
Methylene Chloride
Concen: 150.965 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052158.D
Acq: 5 Nov 2018 20:20

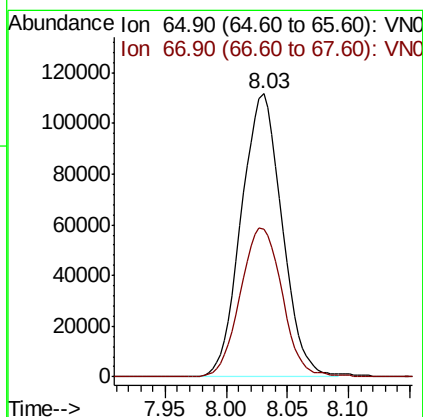
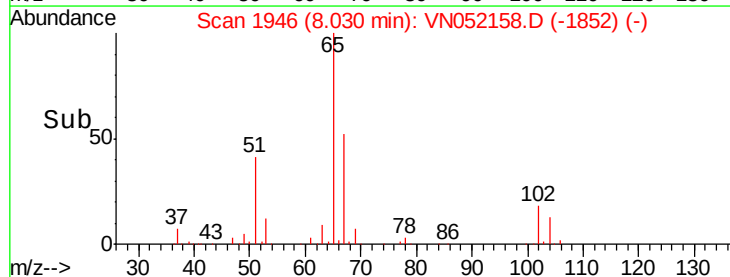
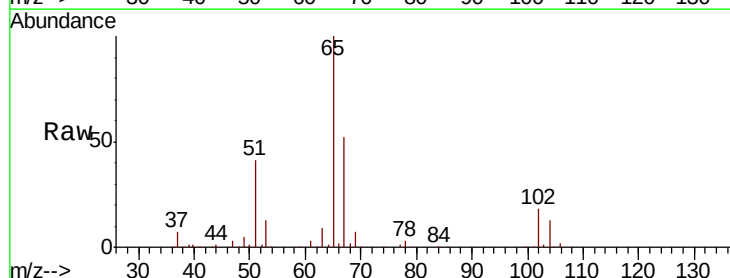
Instrument :
MSVOA_N
ClientSampled :
JC-03-110218-J

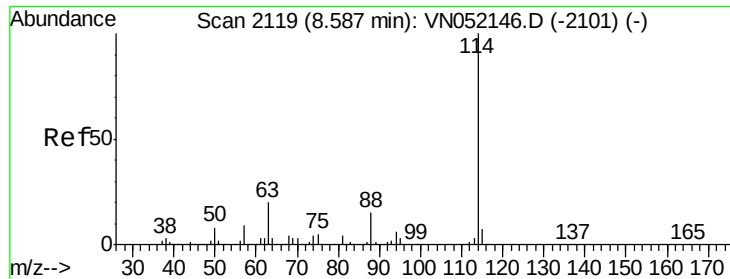
Tot Ion: 84 Resp: 582053
Ion Ratio Lower Upper
84 100
49 129.5 98.4 147.6
51 38.3 32.5 48.7
86 62.7 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052158.D
Acq: 5 Nov 2018 20:20

Tgt Ion: 65 Resp: 258366
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.6

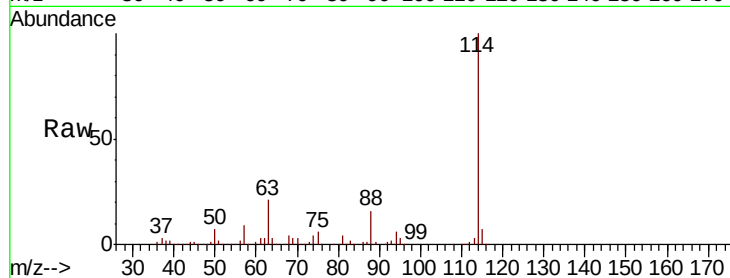




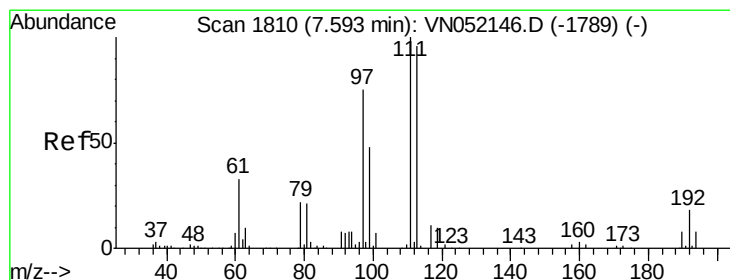
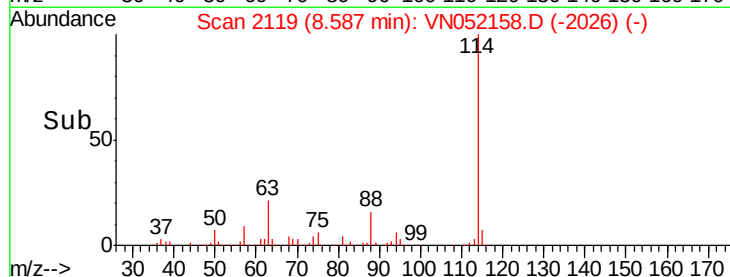
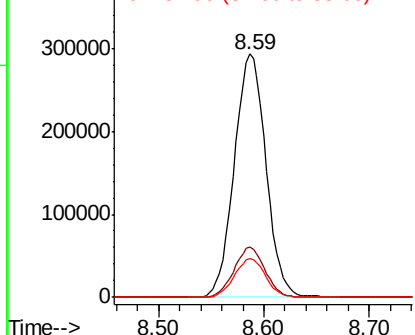
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052158.D
 Acq: 5 Nov 2018 20:20

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-110218-J

Tot Ion:114 Resp: 610814
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.0
 88 15.7 0.0 31.0

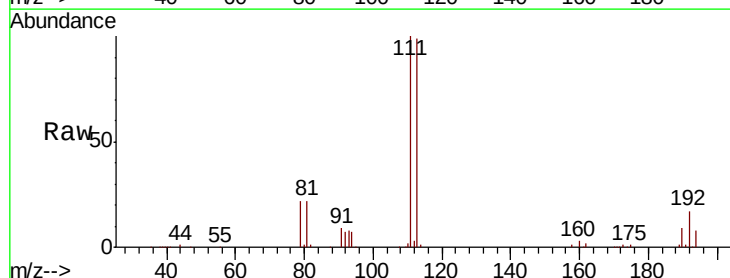


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

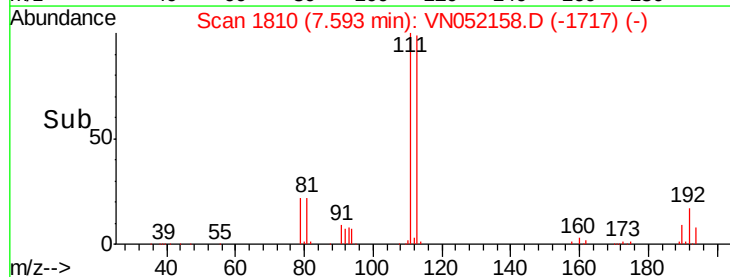
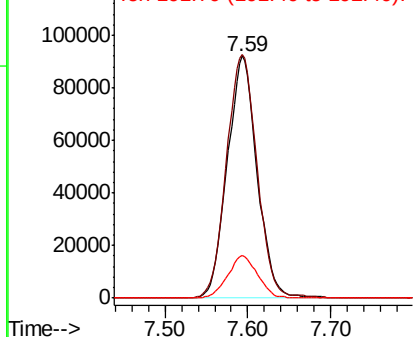


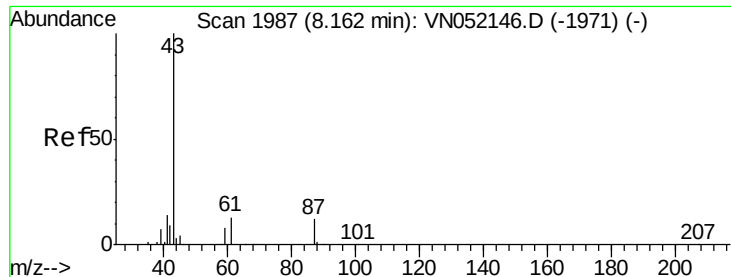
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052158.D
 Acq: 5 Nov 2018 20:20

Tgt Ion:113 Resp: 230300
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.7 122.5
 192 17.6 14.2 21.4



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: 24.270 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052158.D

Acq: 5 Nov 2018 20:20

Instrument :

MSVOA_N

ClientSampleId :

JC-03-110218-J

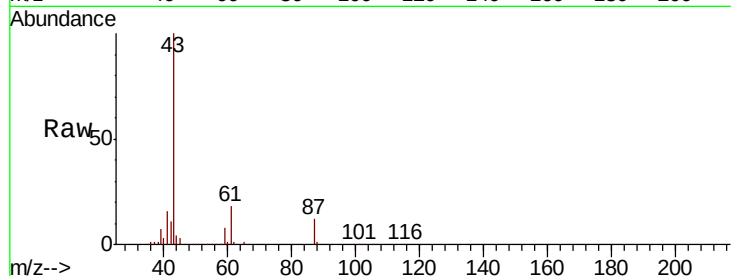
Tot Ion: 43 Resp: 149634

Ion Ratio Lower Upper

43 100

61 18.6 21.5 32.3#

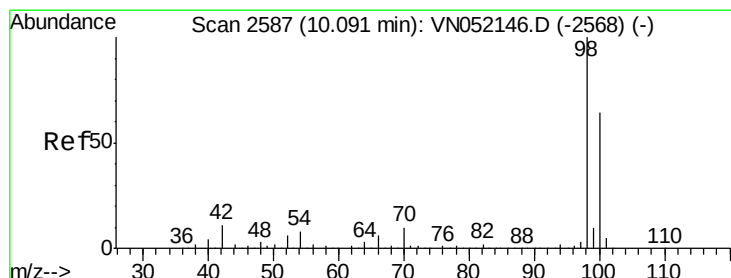
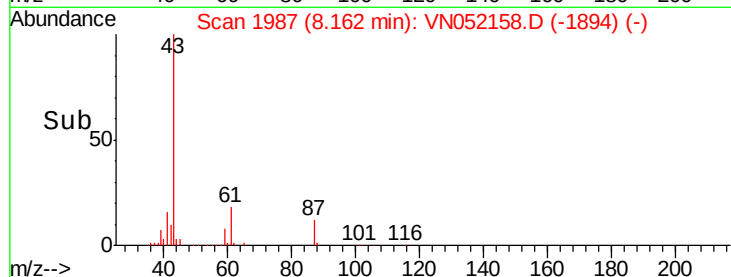
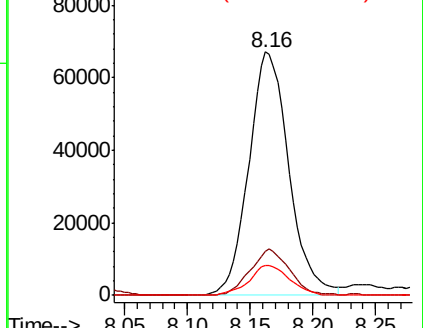
87 12.4 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VN052146.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052146.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052146.D (-1971) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052158.D

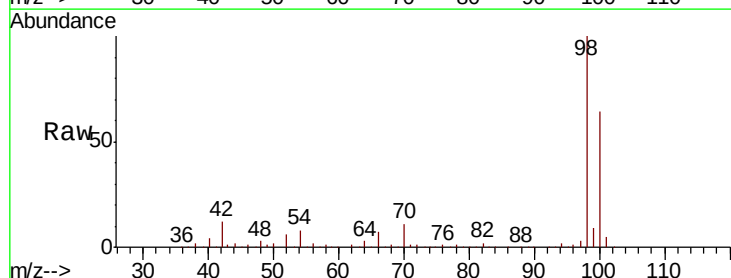
Acq: 5 Nov 2018 20:20

Tgt Ion: 98 Resp: 901899

Ion Ratio Lower Upper

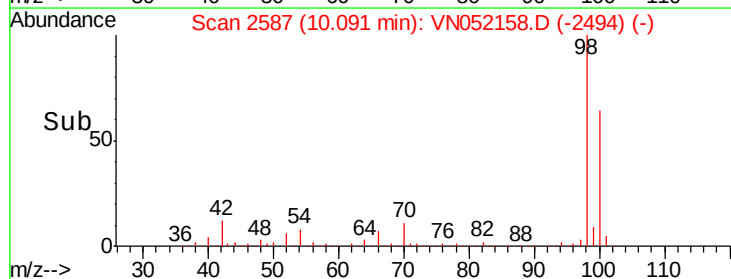
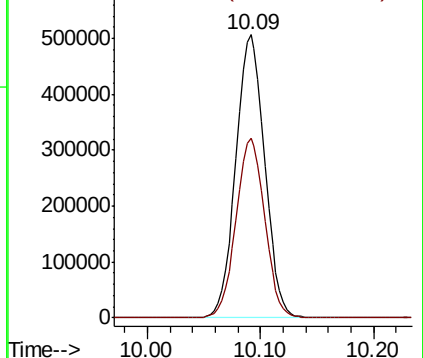
98 100

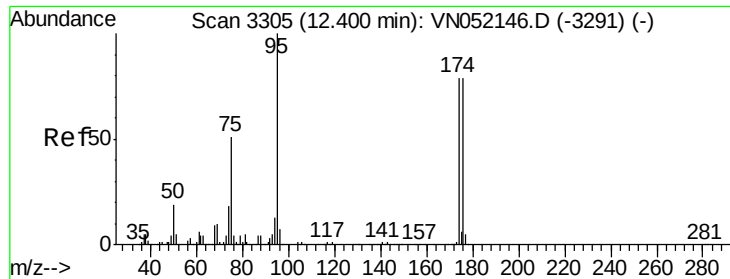
100 63.3 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN052146.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN052146.D (-2568) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052158.D

Acq: 5 Nov 2018 20:20

Instrument :

MSVOA_N

ClientSampleId :

JC-03-110218-J

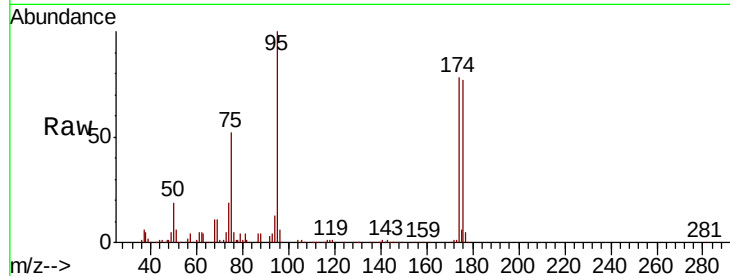
Tot Ion: 95 Resp: 292469

Ion Ratio Lower Upper

95 100

174 77.9 0.0 162.6

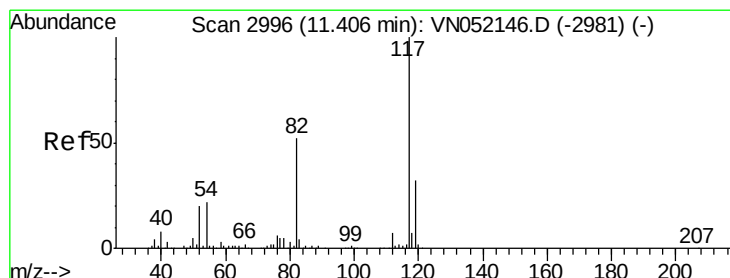
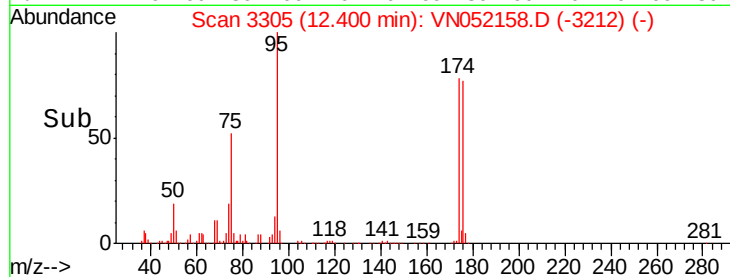
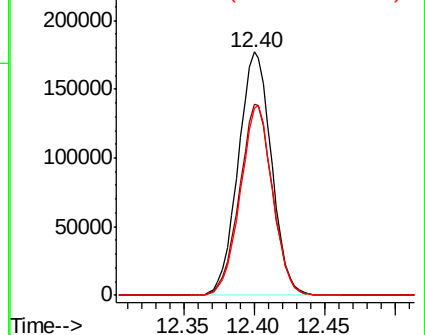
176 75.5 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VN052146.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052146.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052146.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052158.D

Acq: 5 Nov 2018 20:20

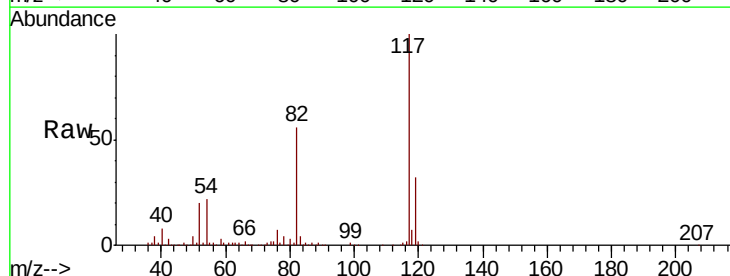
Tgt Ion: 117 Resp: 574772

Ion Ratio Lower Upper

117 100

82 55.6 41.9 62.9

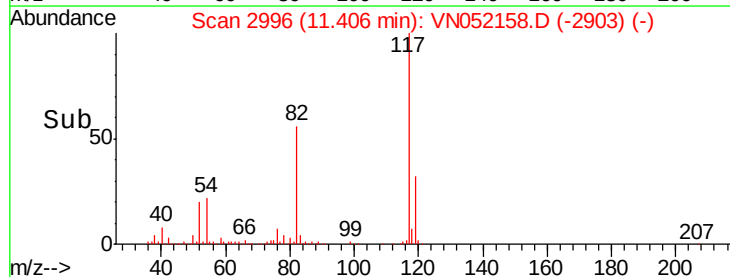
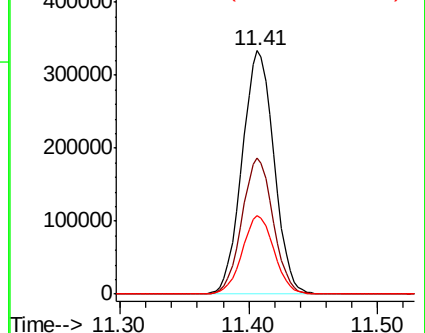
119 32.1 25.7 38.5

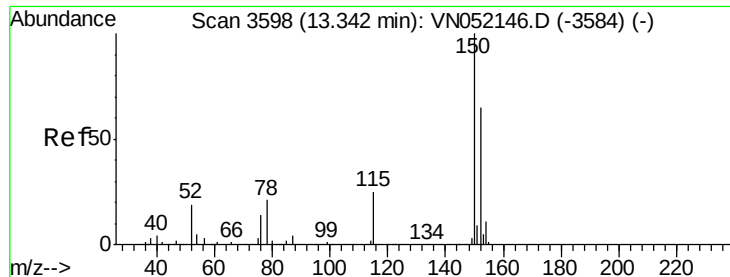


Abundance Ion 116.90 (116.60 to 117.60): VN052146.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052146.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052146.D (-2981) (-)



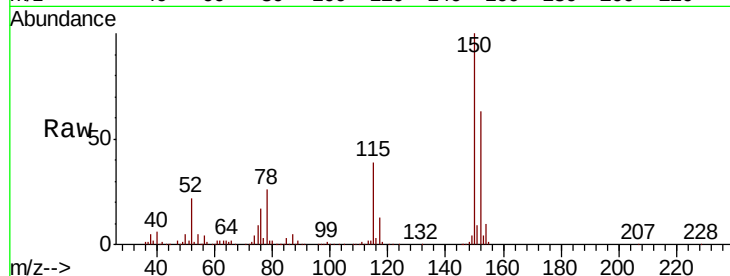


#72

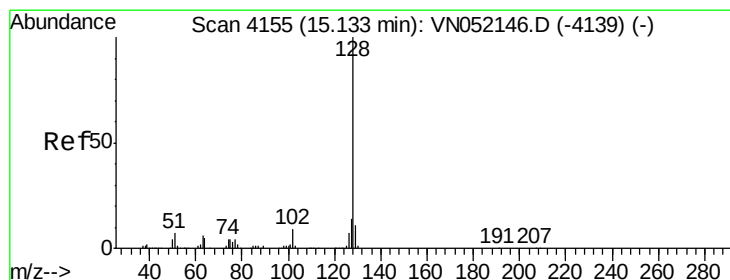
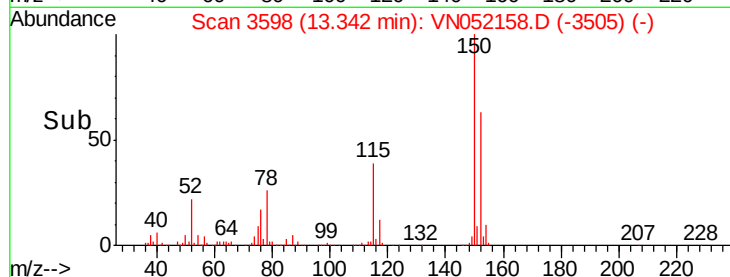
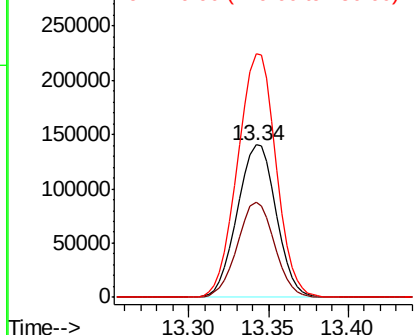
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052158.D
Acq: 5 Nov 2018 20:20

Instrument :
MSVOA_N
ClientSampleId :
JC-03-110218-J

Tot Ion:152 Resp: 232276
Ion Ratio Lower Upper
152 100
115 59.8 28.5 85.5
150 157.5 0.0 348.6



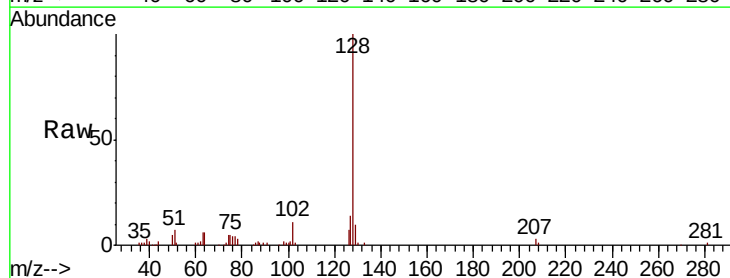
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 9.431 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052158.D
Acq: 5 Nov 2018 20:20

Tgt Ion:128 Resp: 67082
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 11.4 9.1 13.7



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

