

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050548.D
 Acq On : 11 Aug 2018 4:34
 Operator : MD\SY
 Sample : J4272-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-080918-F

Quant Time: Aug 11 06:41:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	618041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1026160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	869621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293491	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	421015	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
35) Dibromofluoromethane	7.59	113	392245	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	10.09	98	1412188	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
62) 4-Bromofluorobenzene	12.40	95	375362	35.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.16%	

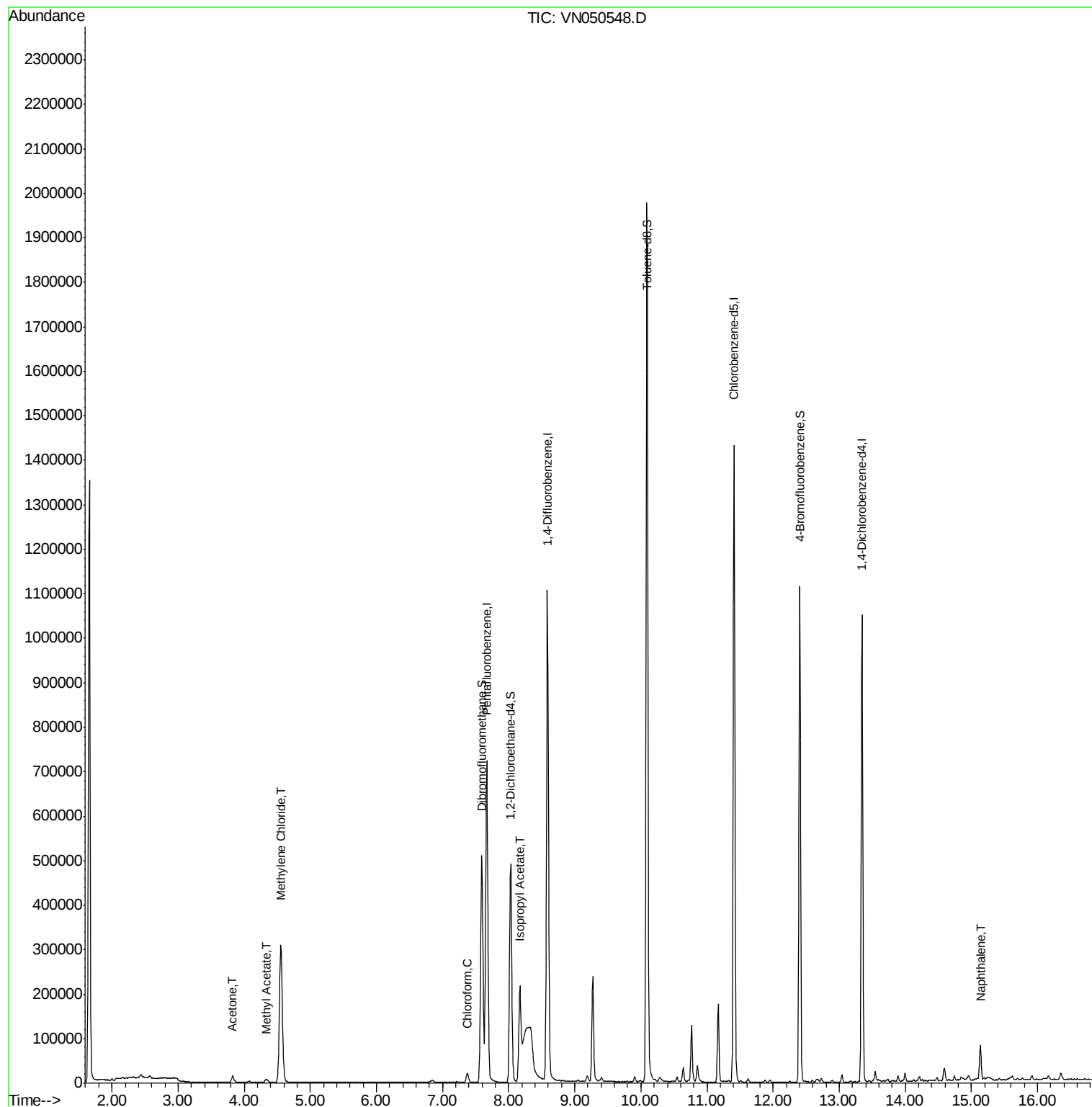
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	24603	9.64	ug/l	94
18) Methyl Acetate	4.34	43	16604	2.41	ug/l	# 80
20) Methylene Chloride	4.55	84	244857	31.95	ug/l	99
30) Chloroform	7.37	83	21931	1.63	ug/l	99
43) Isopropyl Acetate	8.17	43	263554	18.80	ug/l	96
95) Naphthalene	15.14	128	70097	8.20	ug/l	99

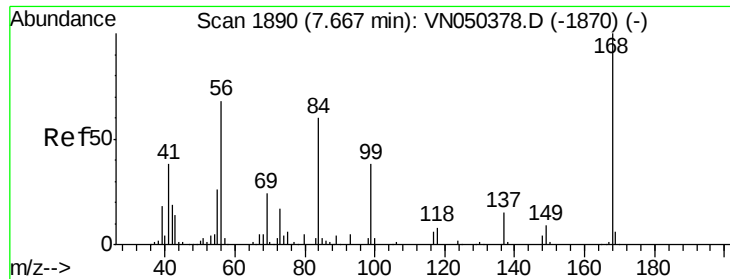
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

Instrument :

MSVOA_N

ClientSampleId :

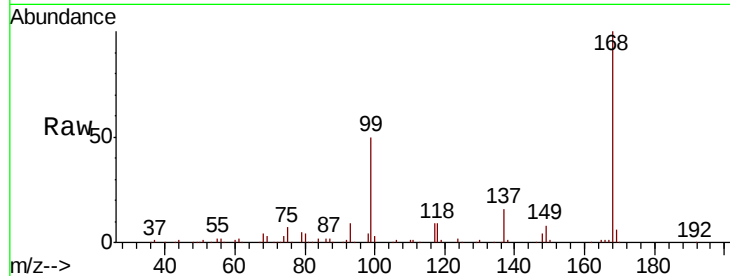
JC-03-080918-F

Tot Ion:168 Resp: 618041

Ion Ratio Lower Upper

168 100

99 50.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

250000

200000

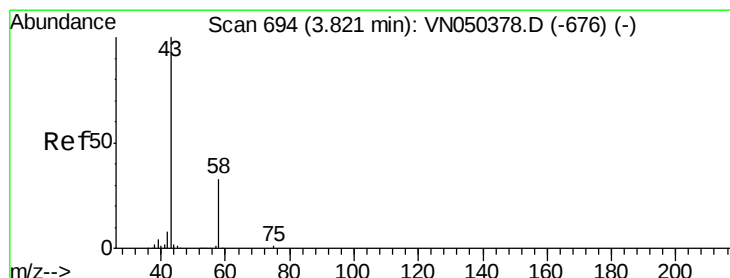
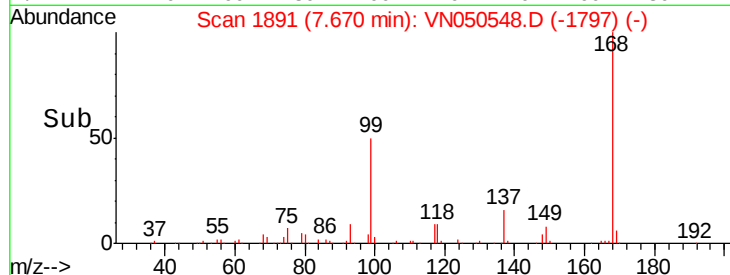
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.64 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050548.D

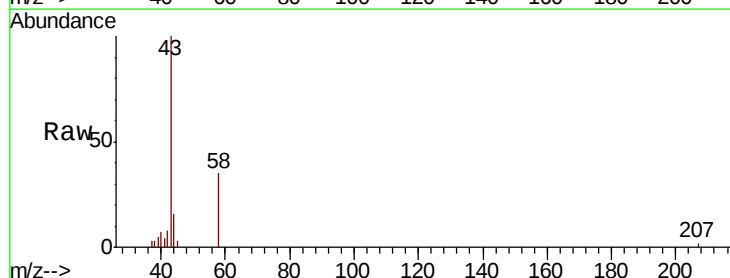
Acq: 11 Aug 2018 4:34

Tgt Ion: 43 Resp: 24603

Ion Ratio Lower Upper

43 100

58 35.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.82

10000

8000

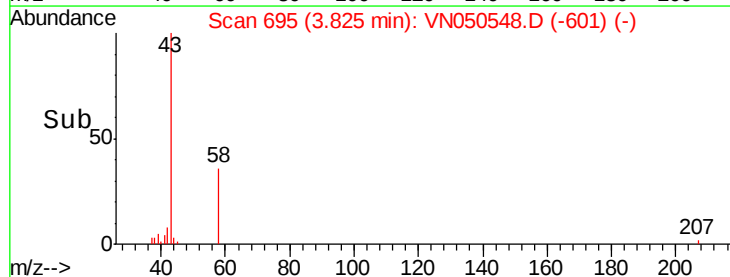
6000

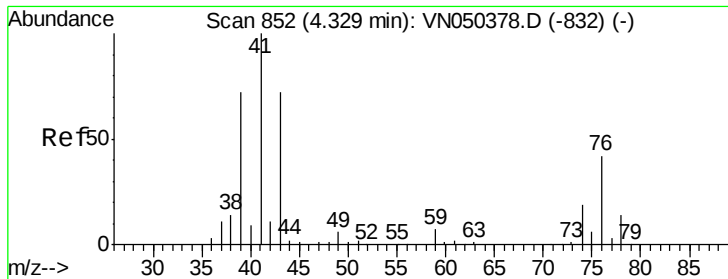
4000

2000

0

Time-->

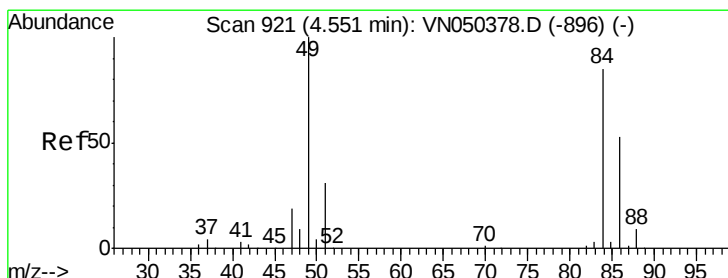
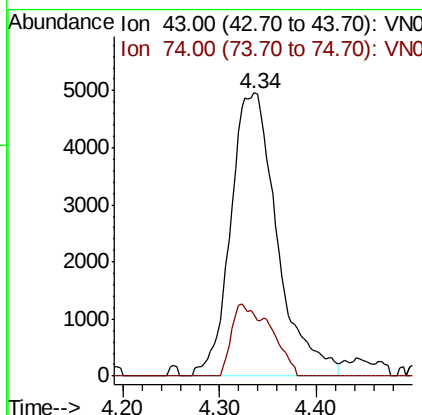
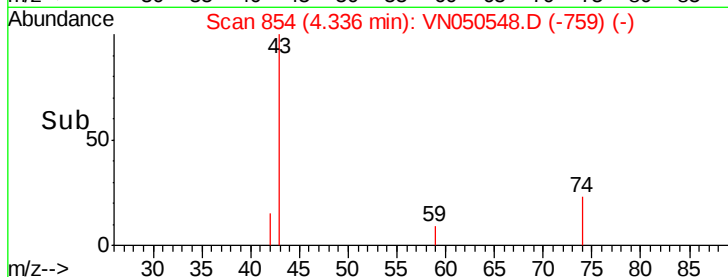
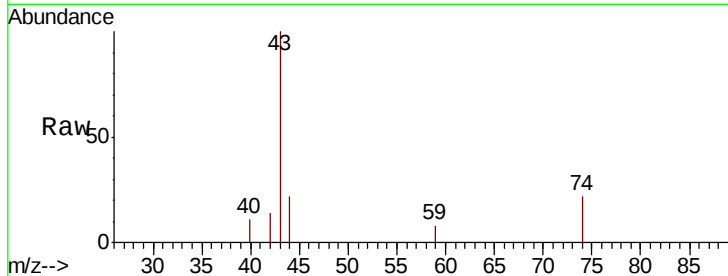




#18
Methyl Acetate
Concen: 2.41 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

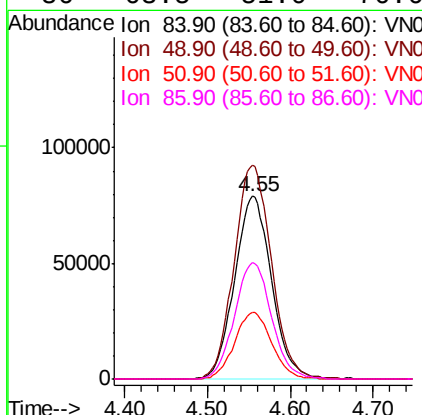
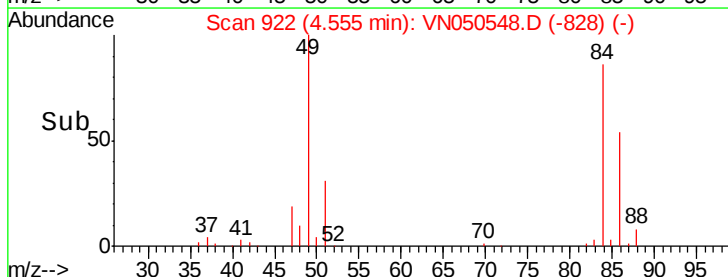
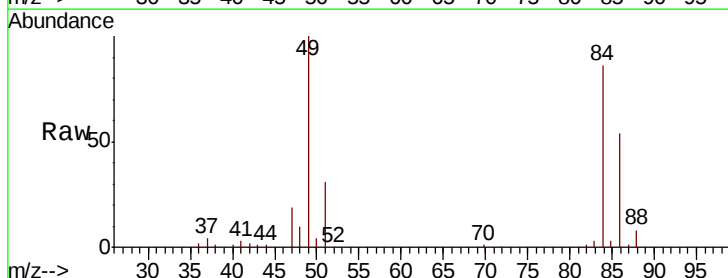
Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-F

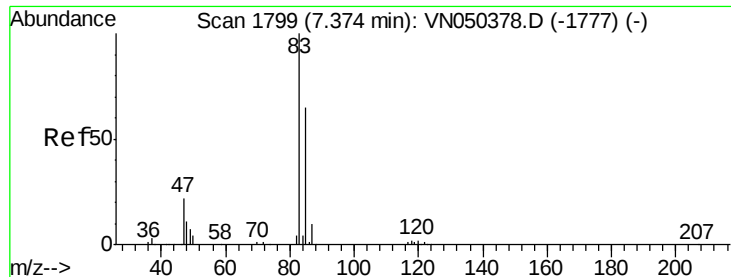
Tot Ion: 43 Resp: 16604
Ion Ratio Lower Upper
43 100
74 13.9 19.2 28.8#



#20
Methylene Chloride
Concen: 31.95 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

Tgt Ion: 84 Resp: 244857
Ion Ratio Lower Upper
84 100
49 116.7 94.8 142.2
51 36.6 28.3 42.5
86 63.5 51.0 76.6

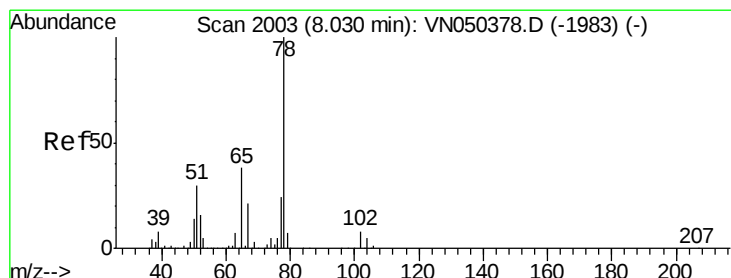
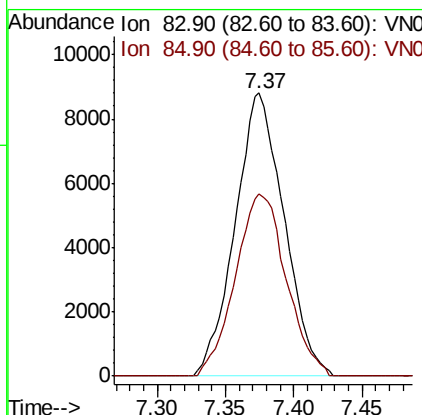
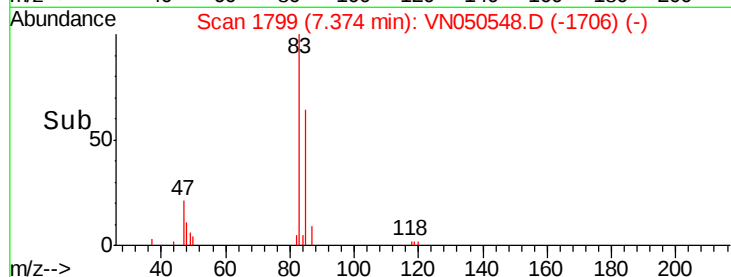
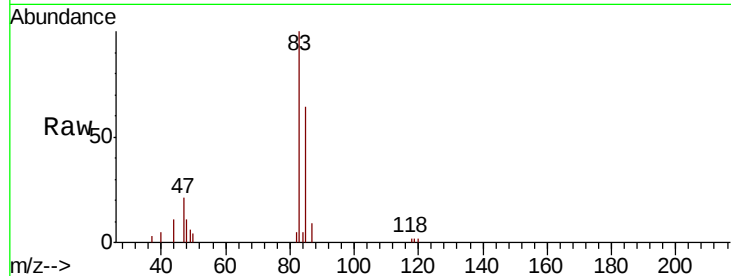




#30
Chloroform
Concen: 1.63 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

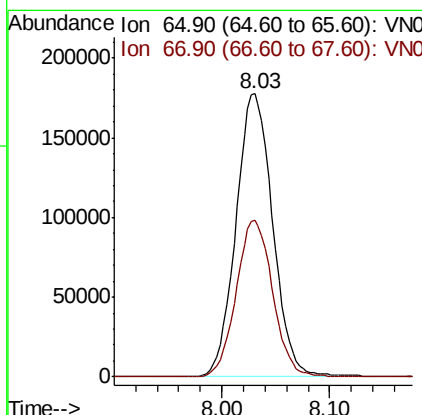
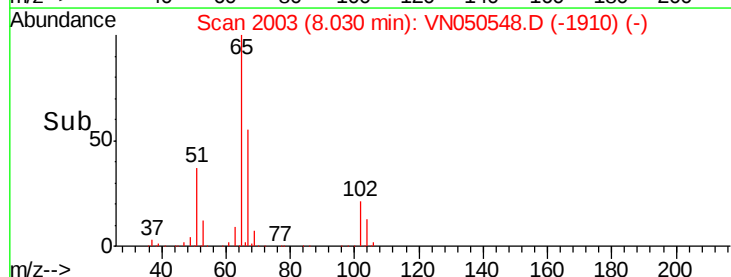
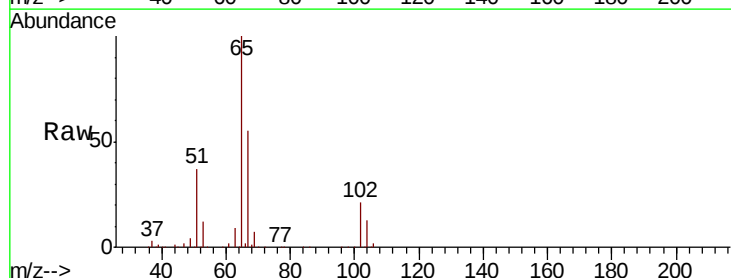
Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-F

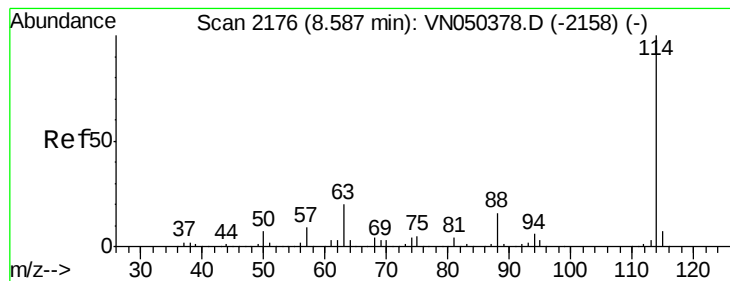
Tot Ion: 83 Resp: 21931
Ion Ratio Lower Upper
83 100
85 64.4 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 50.99 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

Tgt Ion: 65 Resp: 421015
Ion Ratio Lower Upper
65 100
67 55.1 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

Instrument :

MSVOA_N

ClientSampleId :

JC-03-080918-F

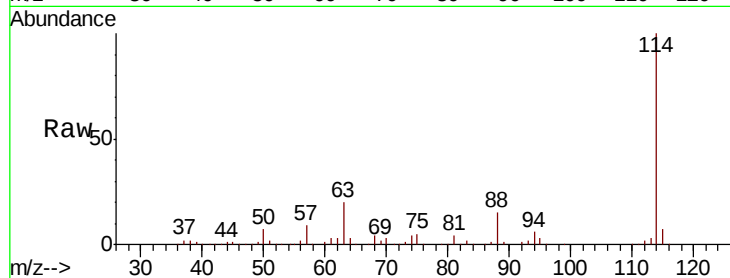
Tot Ion:114 Resp: 1026160

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

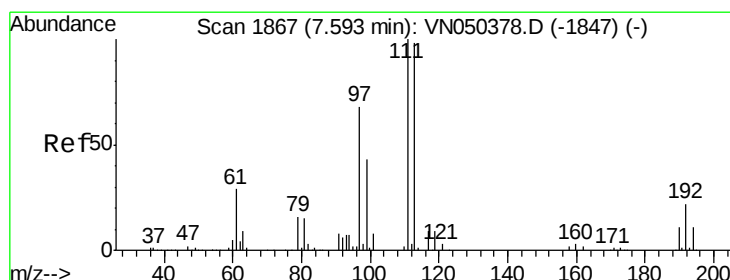
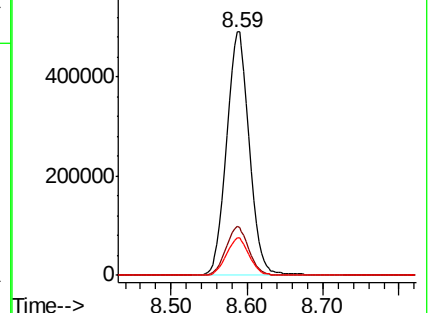
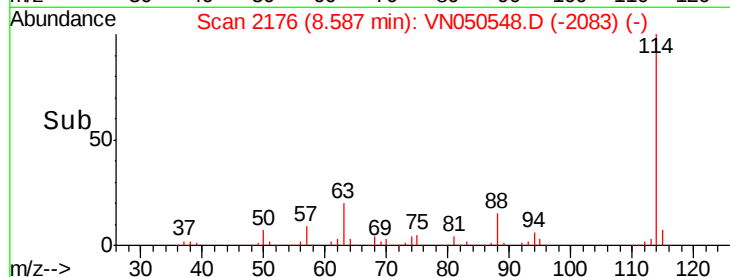
88 15.2 0.0 31.2



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: 47.64 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

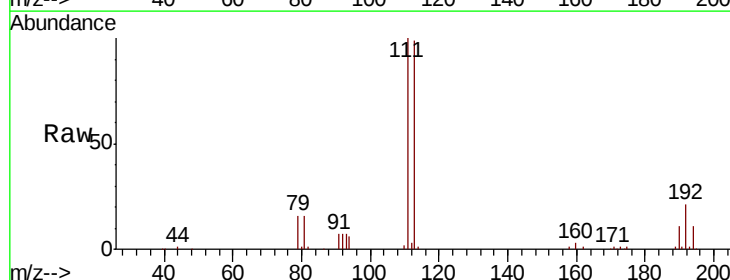
Tgt Ion:113 Resp: 392245

Ion Ratio Lower Upper

113 100

111 102.4 80.7 121.1

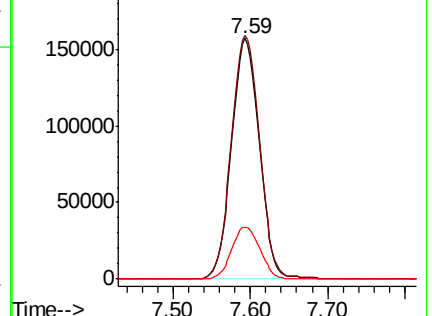
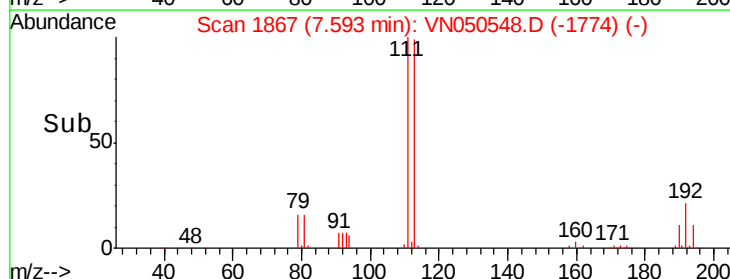
192 22.1 17.8 26.6

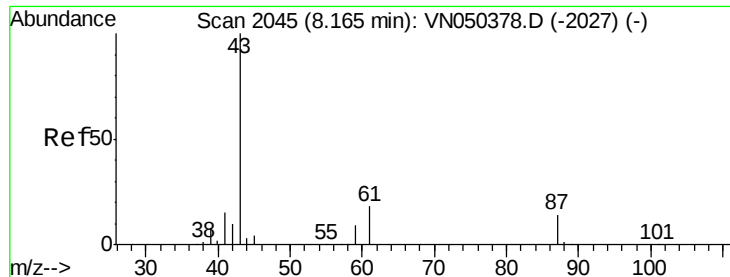


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 18.80 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

Instrument :

MSVOA_N

ClientSampleId :

JC-03-080918-F

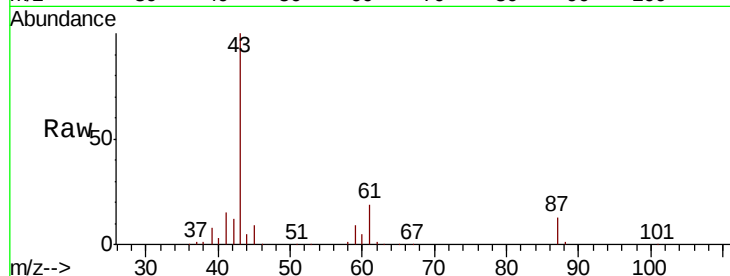
Tot Ion: 43 Resp: 263554

Ion Ratio Lower Upper

43 100

61 18.2 15.8 23.6

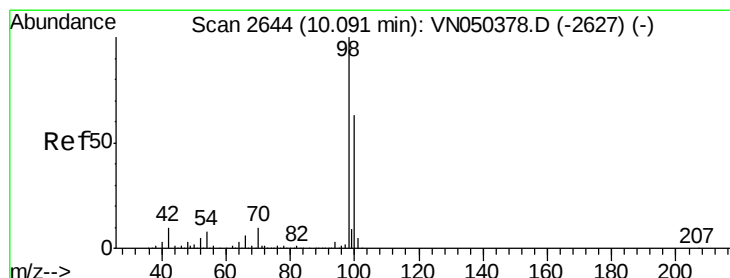
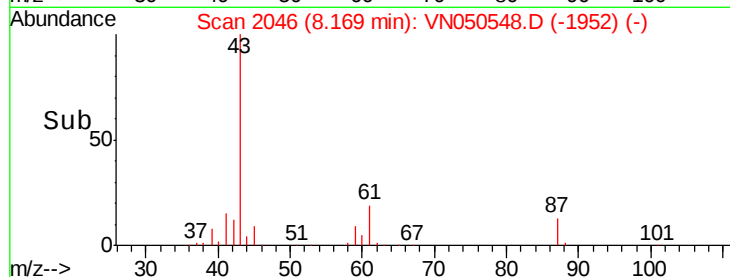
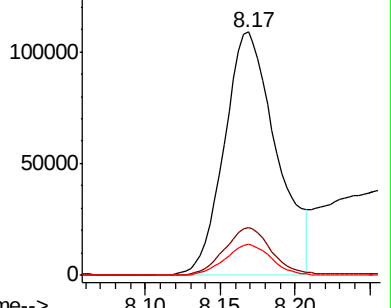
87 11.4 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050378.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050378.D (-2027) (-)



#50

Toluene-d8

Concen: 45.62 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050548.D

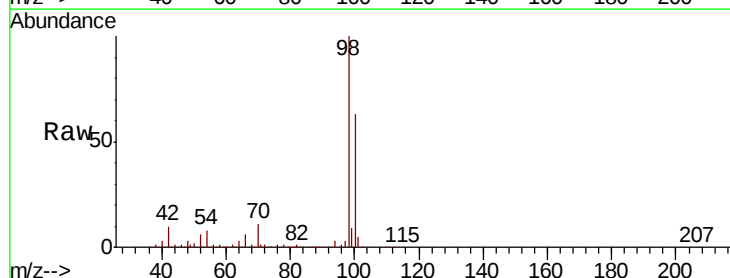
Acq: 11 Aug 2018 4:34

Tgt Ion: 98 Resp: 1412188

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050378.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050378.D (-2627) (-)

Ion 115.00 (114.70 to 115.70): VN050378.D (-2627) (-)

Ion 207.00 (206.70 to 207.70): VN050378.D (-2627) (-)

Ion 229.00 (228.70 to 229.70): VN050378.D (-2627) (-)

Ion 255.00 (254.70 to 255.70): VN050378.D (-2627) (-)

Ion 281.00 (280.70 to 281.70): VN050378.D (-2627) (-)

Ion 307.00 (306.70 to 307.70): VN050378.D (-2627) (-)

Ion 333.00 (332.70 to 333.70): VN050378.D (-2627) (-)

Ion 359.00 (358.70 to 359.70): VN050378.D (-2627) (-)

Ion 385.00 (384.70 to 385.70): VN050378.D (-2627) (-)

Ion 411.00 (410.70 to 411.70): VN050378.D (-2627) (-)

Ion 437.00 (436.70 to 437.70): VN050378.D (-2627) (-)

Ion 463.00 (462.70 to 463.70): VN050378.D (-2627) (-)

Ion 489.00 (488.70 to 489.70): VN050378.D (-2627) (-)

Ion 515.00 (514.70 to 515.70): VN050378.D (-2627) (-)

Ion 541.00 (540.70 to 541.70): VN050378.D (-2627) (-)

Ion 567.00 (566.70 to 567.70): VN050378.D (-2627) (-)

Ion 593.00 (592.70 to 593.70): VN050378.D (-2627) (-)

Ion 619.00 (618.70 to 619.70): VN050378.D (-2627) (-)

Ion 645.00 (644.70 to 645.70): VN050378.D (-2627) (-)

Ion 671.00 (670.70 to 671.70): VN050378.D (-2627) (-)

Ion 697.00 (696.70 to 697.70): VN050378.D (-2627) (-)

Ion 723.00 (722.70 to 723.70): VN050378.D (-2627) (-)

Ion 749.00 (748.70 to 749.70): VN050378.D (-2627) (-)

Ion 775.00 (774.70 to 775.70): VN050378.D (-2627) (-)

Ion 801.00 (800.70 to 801.70): VN050378.D (-2627) (-)

Ion 827.00 (826.70 to 827.70): VN050378.D (-2627) (-)

Ion 853.00 (852.70 to 853.70): VN050378.D (-2627) (-)

Ion 879.00 (878.70 to 879.70): VN050378.D (-2627) (-)

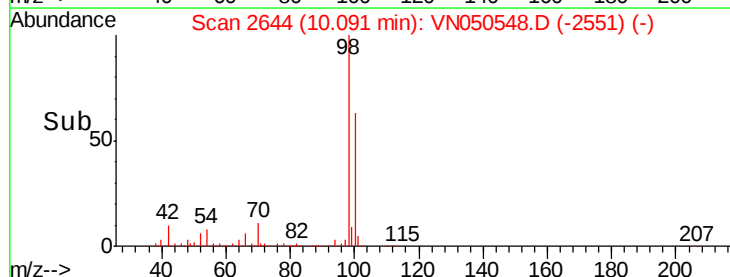
Ion 905.00 (904.70 to 905.70): VN050378.D (-2627) (-)

Ion 931.00 (930.70 to 931.70): VN050378.D (-2627) (-)

Ion 957.00 (956.70 to 957.70): VN050378.D (-2627) (-)

Ion 983.00 (982.70 to 983.70): VN050378.D (-2627) (-)

Ion 1009.00 (1008.70 to 1009.70): VN050378.D (-2627) (-)



Abundance Ion 98.00 (97.70 to 98.70): VN050548.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN050548.D (-2551) (-)

Ion 115.00 (114.70 to 115.70): VN050548.D (-2551) (-)

Ion 207.00 (206.70 to 207.70): VN050548.D (-2551) (-)

Ion 229.00 (228.70 to 229.70): VN050548.D (-2551) (-)

Ion 255.00 (254.70 to 255.70): VN050548.D (-2551) (-)

Ion 281.00 (280.70 to 281.70): VN050548.D (-2551) (-)

Ion 307.00 (306.70 to 307.70): VN050548.D (-2551) (-)

Ion 333.00 (332.70 to 333.70): VN050548.D (-2551) (-)

Ion 359.00 (358.70 to 359.70): VN050548.D (-2551) (-)

Ion 385.00 (384.70 to 385.70): VN050548.D (-2551) (-)

Ion 411.00 (410.70 to 411.70): VN050548.D (-2551) (-)

Ion 437.00 (436.70 to 437.70): VN050548.D (-2551) (-)

Ion 463.00 (462.70 to 463.70): VN050548.D (-2551) (-)

Ion 489.00 (488.70 to 489.70): VN050548.D (-2551) (-)

Ion 515.00 (514.70 to 515.70): VN050548.D (-2551) (-)

Ion 541.00 (540.70 to 541.70): VN050548.D (-2551) (-)

Ion 567.00 (566.70 to 567.70): VN050548.D (-2551) (-)

Ion 593.00 (592.70 to 593.70): VN050548.D (-2551) (-)

Ion 619.00 (618.70 to 619.70): VN050548.D (-2551) (-)

Ion 645.00 (644.70 to 645.70): VN050548.D (-2551) (-)

Ion 671.00 (670.70 to 671.70): VN050548.D (-2551) (-)

Ion 697.00 (696.70 to 697.70): VN050548.D (-2551) (-)

Ion 723.00 (722.70 to 723.70): VN050548.D (-2551) (-)

Ion 749.00 (748.70 to 749.70): VN050548.D (-2551) (-)

Ion 775.00 (774.70 to 775.70): VN050548.D (-2551) (-)

Ion 801.00 (800.70 to 801.70): VN050548.D (-2551) (-)

Ion 827.00 (826.70 to 827.70): VN050548.D (-2551) (-)

Ion 853.00 (852.70 to 853.70): VN050548.D (-2551) (-)

Ion 879.00 (878.70 to 879.70): VN050548.D (-2551) (-)

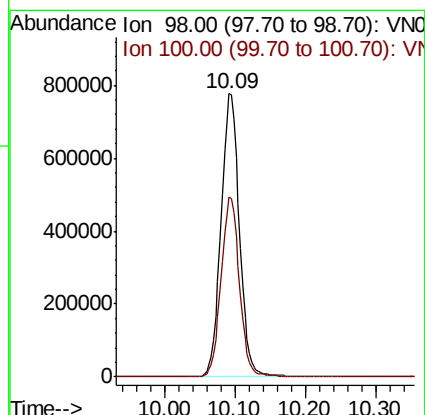
Ion 905.00 (904.70 to 905.70): VN050548.D (-2551) (-)

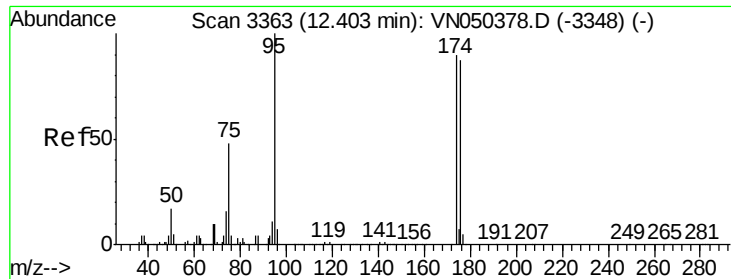
Ion 931.00 (930.70 to 931.70): VN050548.D (-2551) (-)

Ion 957.00 (956.70 to 957.70): VN050548.D (-2551) (-)

Ion 983.00 (982.70 to 983.70): VN050548.D (-2551) (-)

Ion 1009.00 (1008.70 to 1009.70): VN050548.D (-2551) (-)

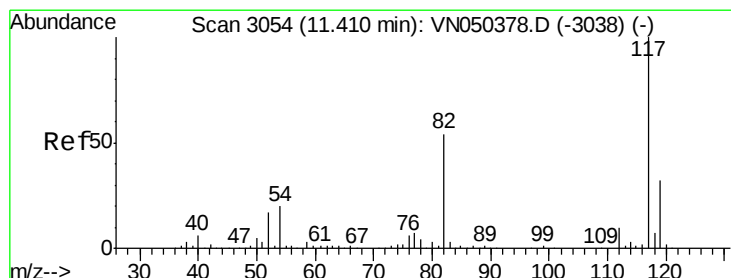
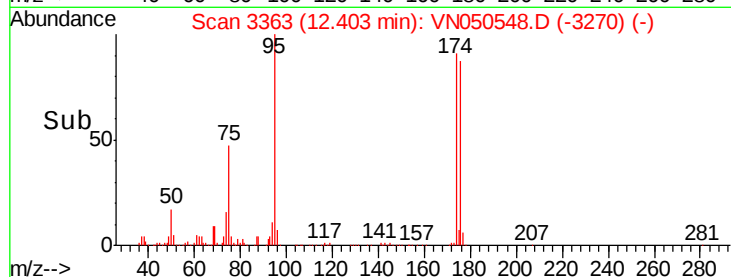
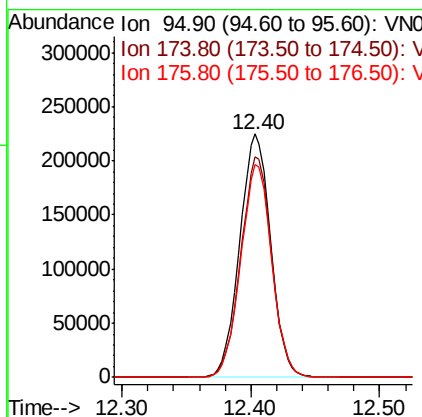
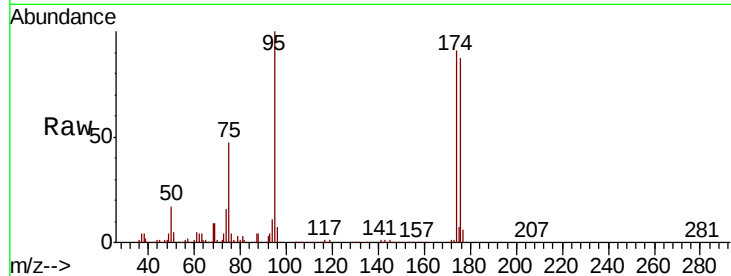




#62
4-Bromofluorobenzene
Concen: 35.58 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

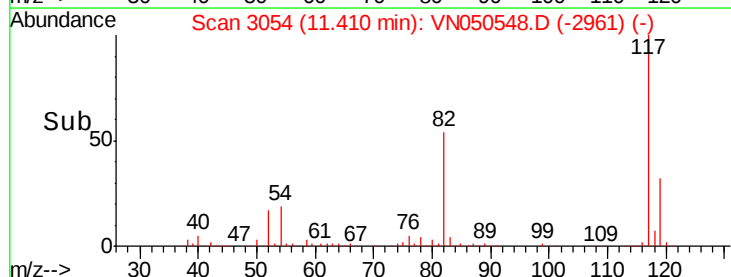
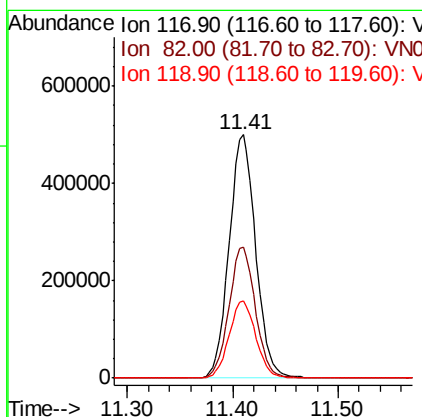
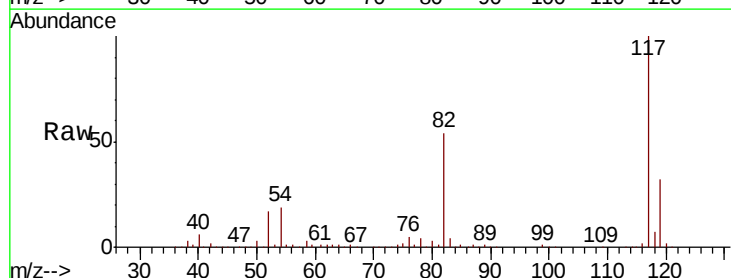
Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-F

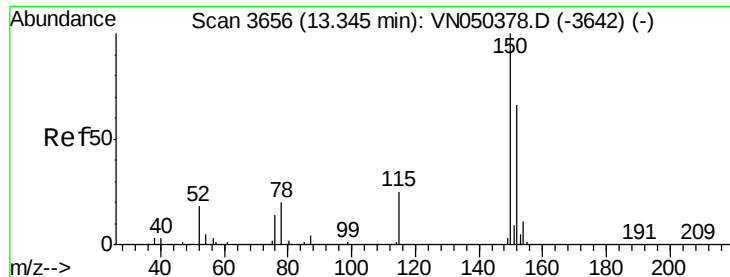
Tot Ion: 95 Resp: 375362
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.2
176 87.5 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

Tgt Ion: 117 Resp: 869621
Ion Ratio Lower Upper
117 100
82 53.8 43.7 65.5
119 31.7 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

Instrument :

MSVOA_N

ClientSampleId :

JC-03-080918-F

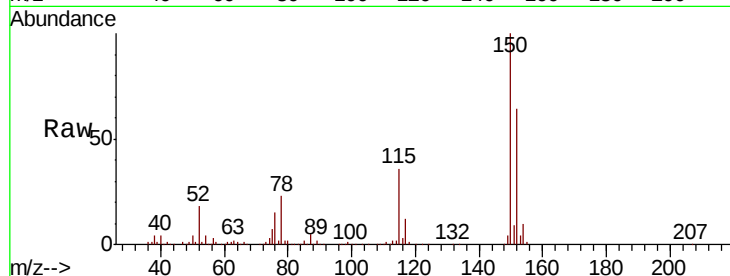
Tot Ion:152 Resp: 293491

Ion Ratio Lower Upper

152 100

115 57.1 27.8 83.3

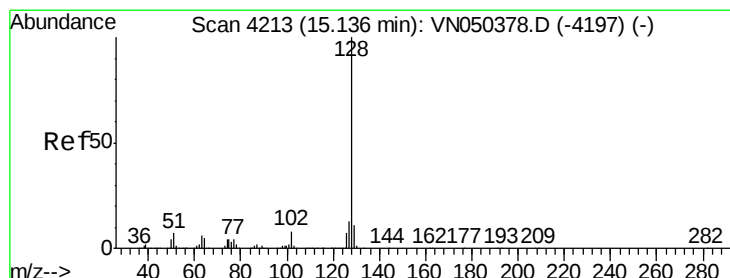
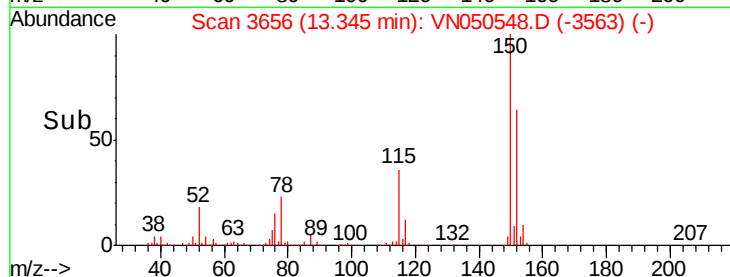
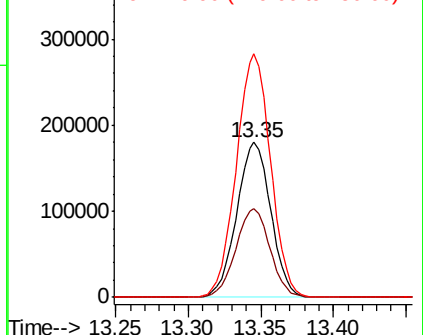
150 158.0 0.0 348.6



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: 8.20 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

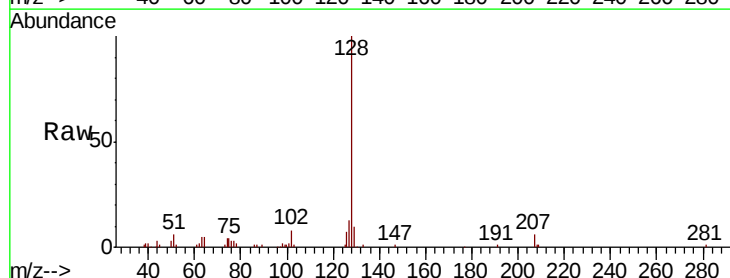
Tgt Ion:128 Resp: 70097

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.1 8.8 13.2



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

