

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 05:02:40 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			Recovery	=	101.98%	
35) Dibromofluoromethane	7.59	113	392245	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
50) Toluene-d8	10.09	98	1412188	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	
62) 4-Bromofluorobenzene	12.40	95	375362	35.58	ug/l	0.00
Spiked Amount			Recovery	=	71.16%	

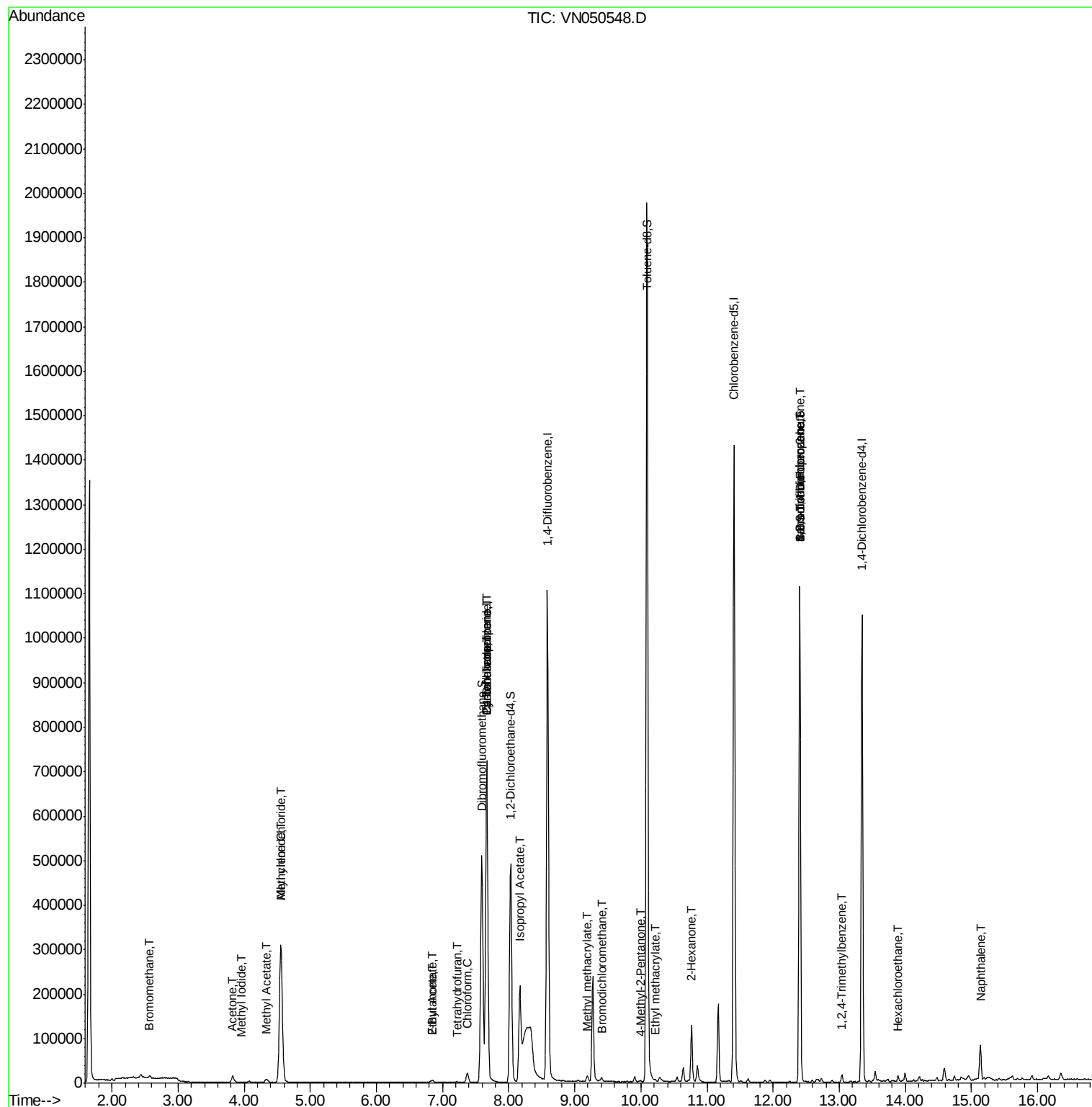
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2918	Below Cal	#	88
5) Bromomethane	2.57	94	3753	1.04	ug/l	91
10) Methyl Iodide	3.96	142	887	0.28	ug/l	# 58
14) Allyl chloride	4.55	41	8443	0.79	ug/l	# 24
16) Acetone	3.82	43	24603	9.64	ug/l	94
18) Methyl Acetate	4.34	43	16604	2.41	ug/l	# 80
20) Methylene Chloride	4.55	84	244857	31.95	ug/l	99
25) 2-Butanone	6.84	43	4169	1.02	ug/l	99
29) Tetrahydrofuran	7.21	42	1198	0.55	ug/l	# 77
30) Chloroform	7.37	83	21931	1.63	ug/l	99
31) Cyclohexane	7.66	56	11014	0.30	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	43471	3.86	ug/l	# 47
37) Ethyl Acetate	6.84	43	4169	0.51	ug/l	# 71
38) Carbon Tetrachloride	7.67	117	54621	4.64	ug/l	# 16
43) Isopropyl Acetate	8.17	43	263554	18.80	ug/l	96
47) Bromodichloromethane	9.40	83	5234	0.45	ug/l	# 96
48) Methyl methacrylate	9.18	41	7643	1.09	ug/l	# 20
51) 4-Methyl-2-Pentanone	9.98	43	2423	0.24	ug/l	95
56) Ethyl methacrylate	10.22	69	2350	1.91	ug/l	# 51
59) 2-Hexanone	10.77	43	17532	2.49	ug/l	# 58
71) Bromoform	12.40	173	2532	0.44	ug/l	# 1
76) 1,2,3-Trichloropropane	12.40	75	179490	33.79	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	179490	118.71	ug/l	# 13
84) 1,2,4-Trimethylbenzene	13.04	105	9158	0.51	ug/l	99
90) Hexachloroethane	13.89	117	1057	0.33	ug/l	# 4
95) Naphthalene	15.14	128	70097	8.20	ug/l	99

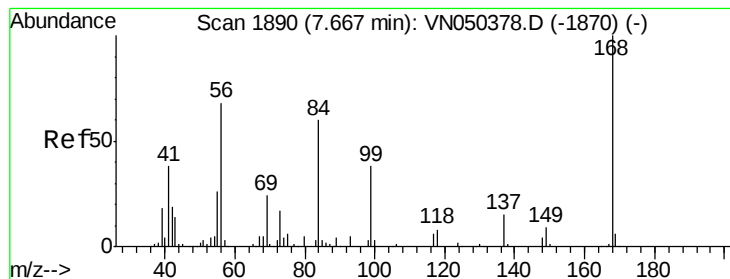
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

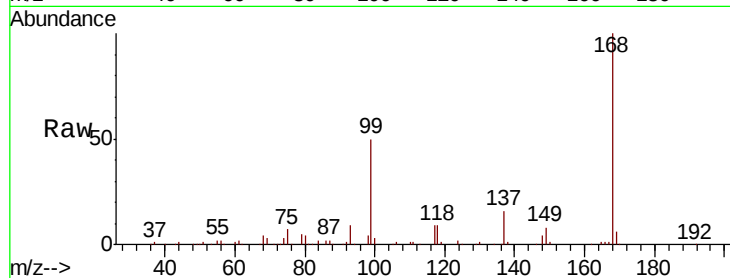
JC-03-080918-F

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): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

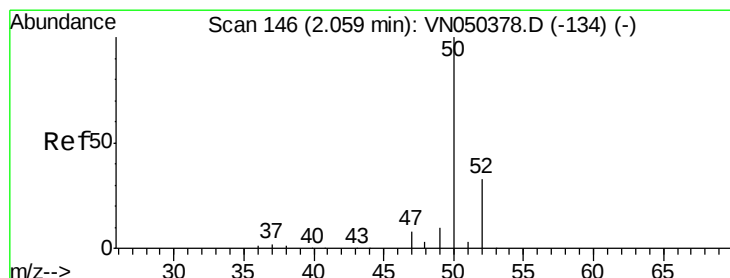
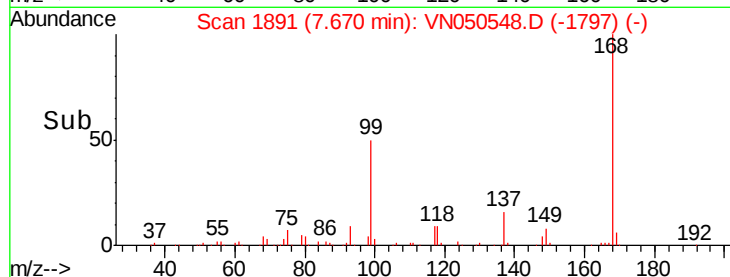
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050548.D

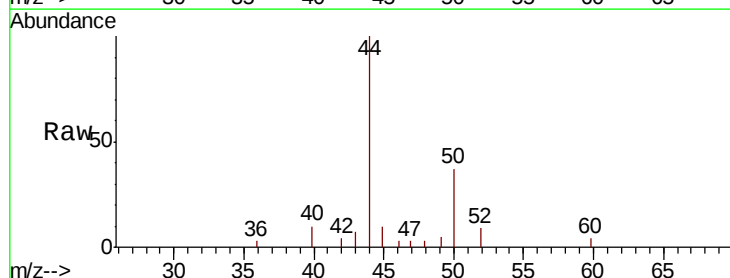
Acq: 11 Aug 2018 4:34

Tgt Ion: 50 Resp: 2918

Ion Ratio Lower Upper

50 100

52 25.4 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

2000

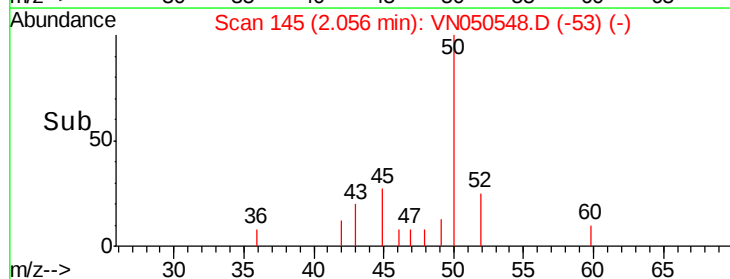
1500

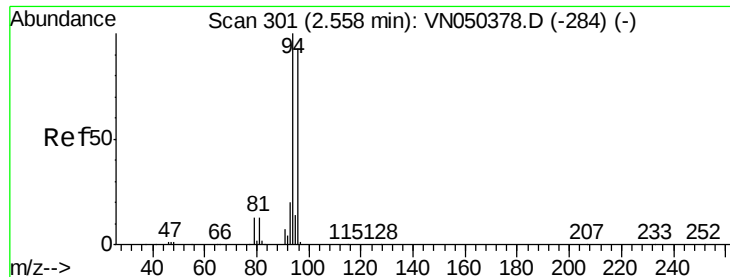
1000

500

0

Time-->





#5

Bromomethane

Concen: 1.04 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.02 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

Instrument :

MSVOA_N

ClientSampleId :

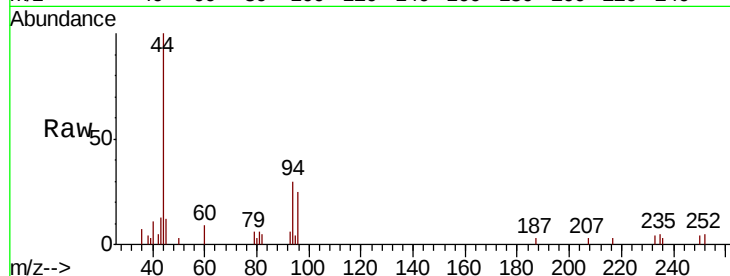
JC-03-080918-F

Tot Ion: 94 Resp: 3753

Ion Ratio Lower Upper

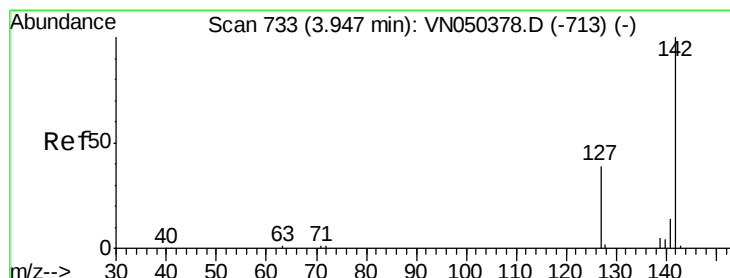
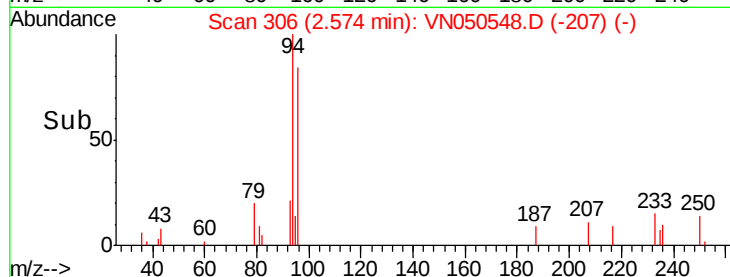
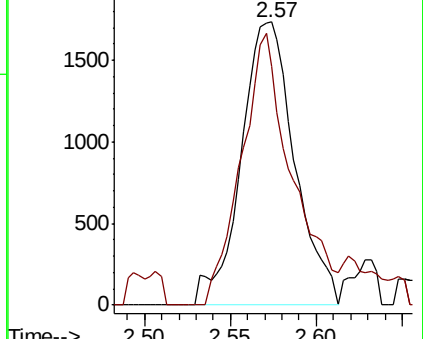
94 100

96 84.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050378.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050378.D (-284) (-)



#10

Methyl Iodide

Concen: 0.28 ug/l

RT: 3.96 min Scan# 736

Delta R.T. 0.01 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

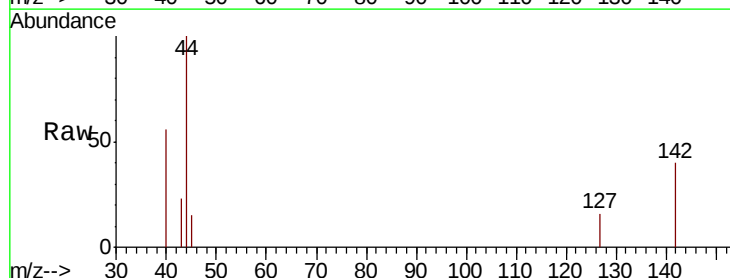
Tgt Ion: 142 Resp: 887

Ion Ratio Lower Upper

142 100

127 13.4 33.4 50.2#

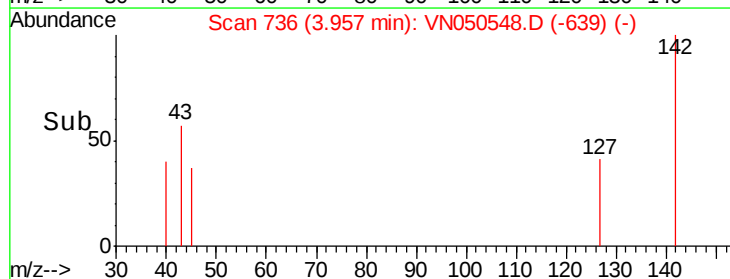
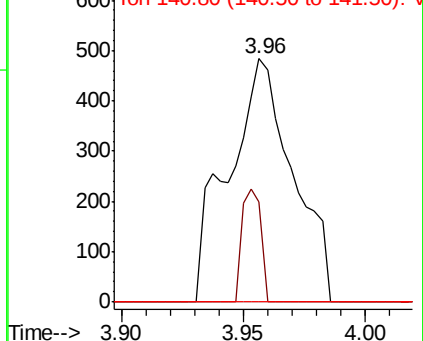
141 0.0 11.6 17.4#

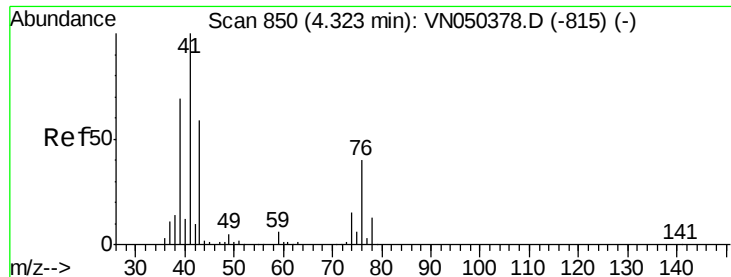


Abundance Ion 141.80 (141.50 to 142.50): VN050378.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050378.D (-713) (-)

Ion 140.80 (140.50 to 141.50): VN050378.D (-713) (-)





#14

Allvl chloride

Concen: 0.79 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.23 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

Instrument :

MSVOA_N

ClientSampleId :

JC-03-080918-F

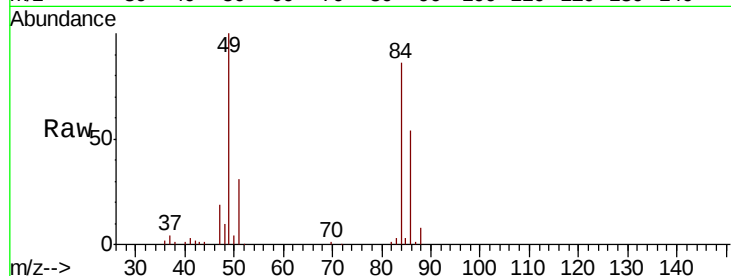
Tot Ion: 41 Resp: 8443

Ion Ratio Lower Upper

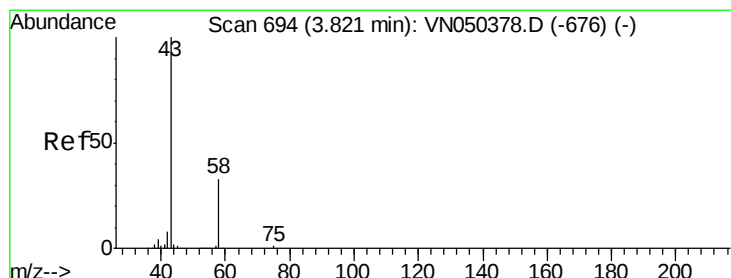
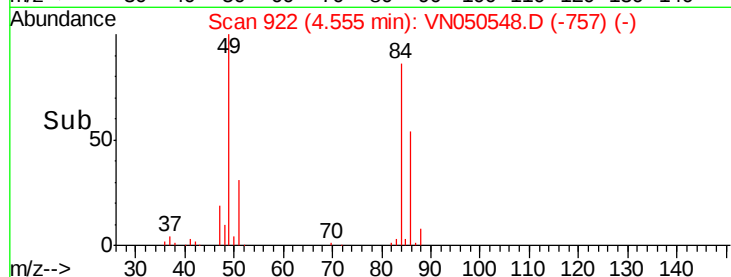
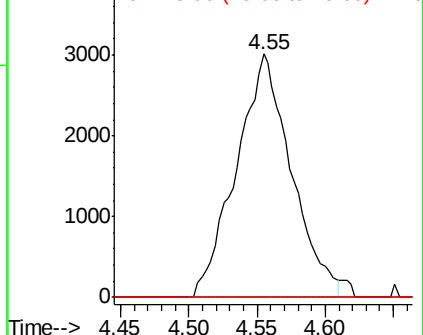
41 100

39 0.0 54.2 81.4#

76 0.0 29.0 43.6#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO



#16

Acetone

Concen: 9.64 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050548.D

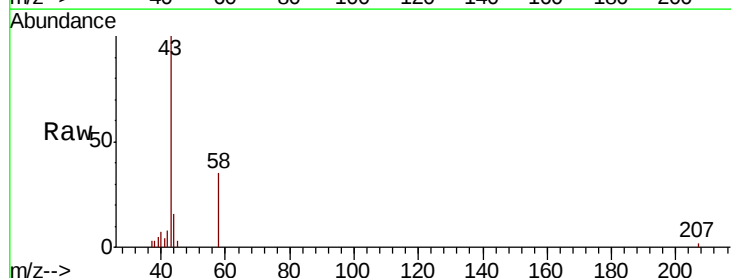
Acq: 11 Aug 2018 4:34

Tgt Ion: 43 Resp: 24603

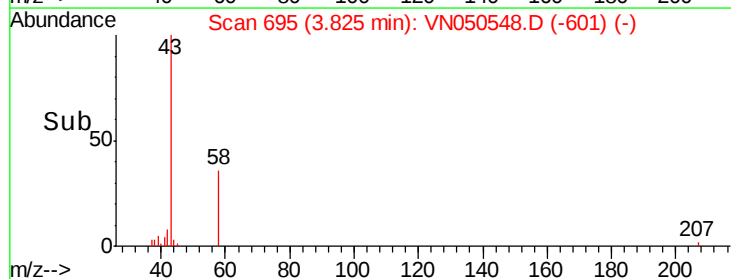
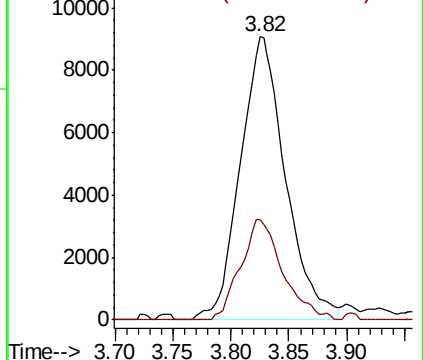
Ion Ratio Lower Upper

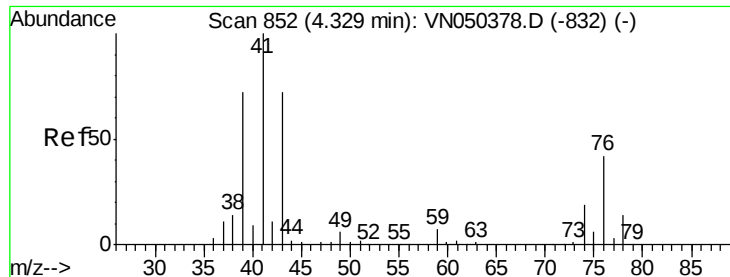
43 100

58 35.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO





#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 :

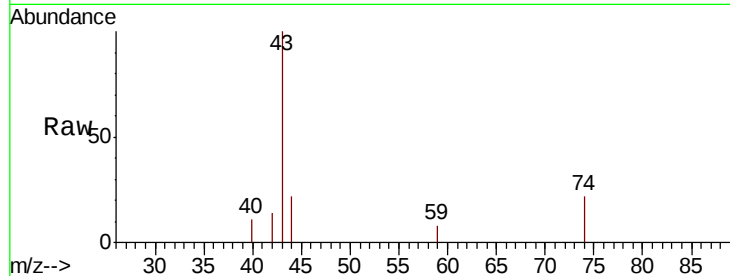
JC-03-080918-F

Tot Ion: 43 Resp: 16604

Ion Ratio Lower Upper

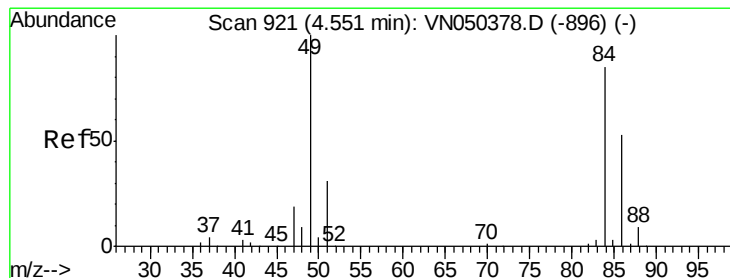
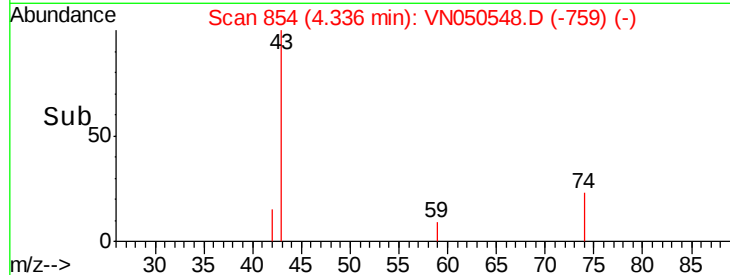
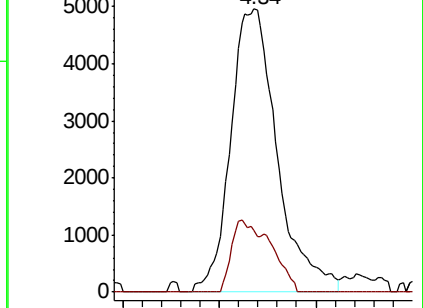
43 100

74 13.9 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN050548.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN050548.D (-759) (-)



#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

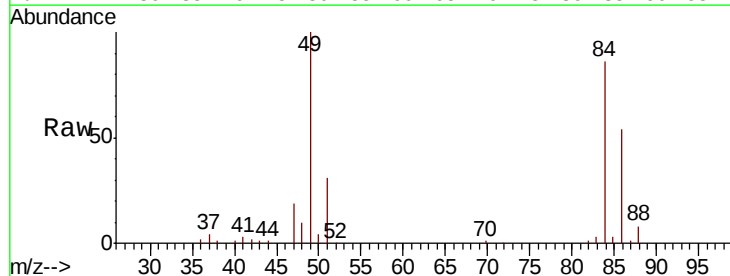
Ion Ratio Lower Upper

84 100

49 116.7 94.8 142.2

51 36.6 28.3 42.5

86 63.5 51.0 76.6

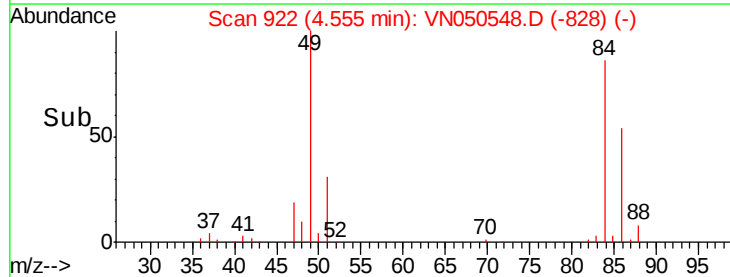
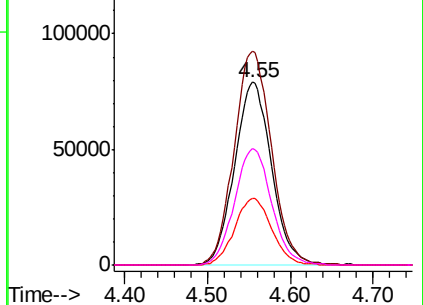


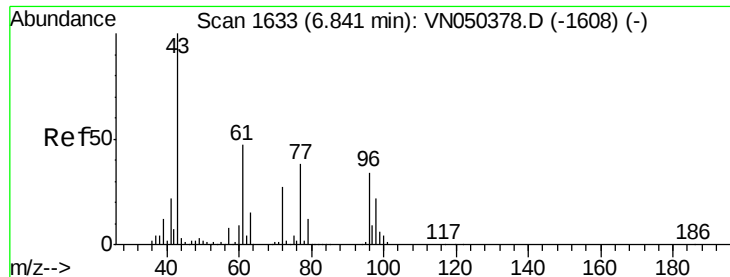
Abundance Ion 83.90 (83.60 to 84.60): VN050548.D (-828) (-)

Ion 48.90 (48.60 to 49.60): VN050548.D (-828) (-)

Ion 50.90 (50.60 to 51.60): VN050548.D (-828) (-)

Ion 85.90 (85.60 to 86.60): VN050548.D (-828) (-)





#25

2-Butanone

Concen: 1.02 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

Instrument :

MSVOA_N

ClientSampleId :

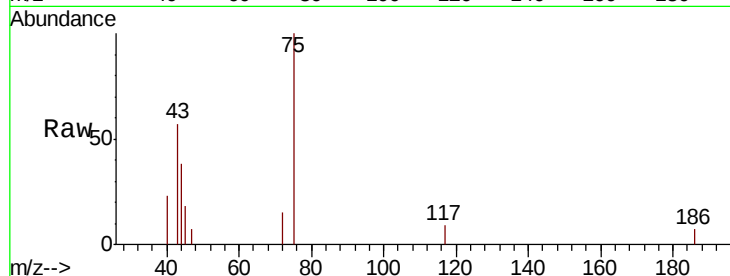
JC-03-080918-F

Tot Ion: 43 Resp: 4169

Ion Ratio Lower Upper

43 100

72 26.4 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

1500

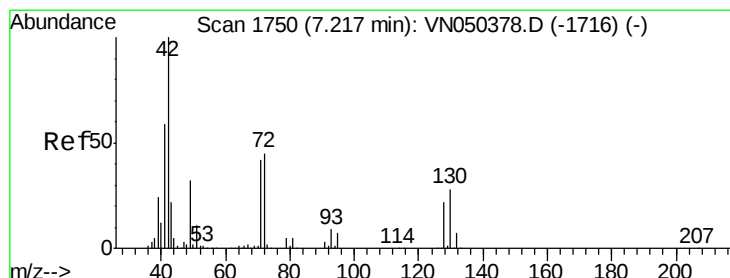
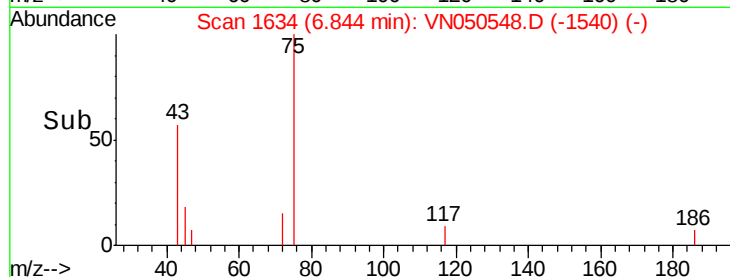
1000

500

0

6.75 6.80 6.85 6.90 6.95

Time-->



#29

Tetrahydrofuran

Concen: 0.55 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

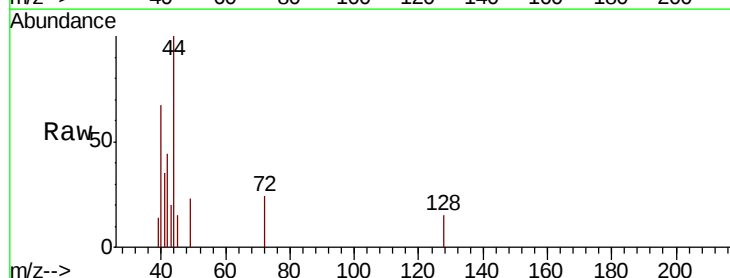
Tgt Ion: 42 Resp: 1198

Ion Ratio Lower Upper

42 100

72 27.1 35.9 53.9#

71 30.1 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

600

500

400

300

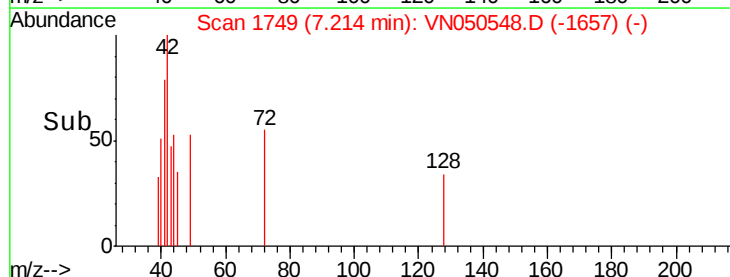
200

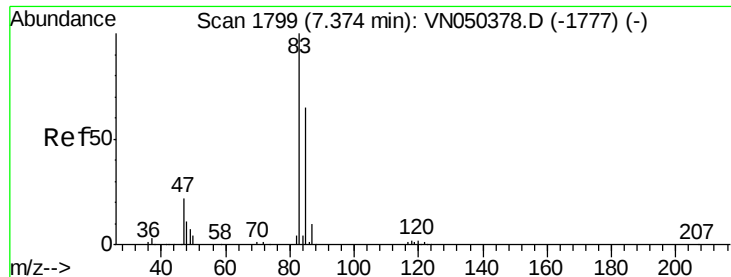
100

0

7.20 7.25

Time-->

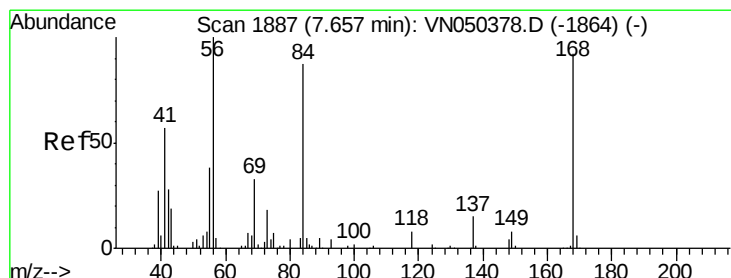
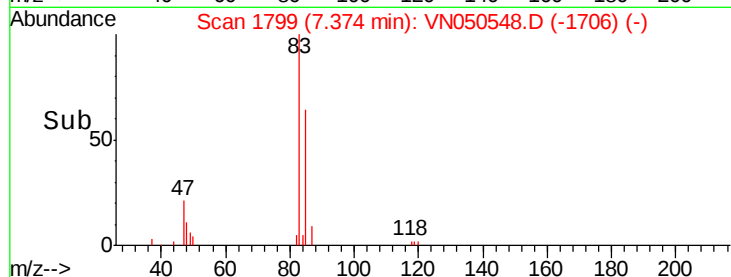
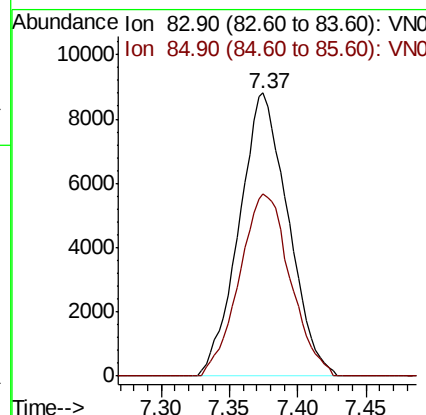
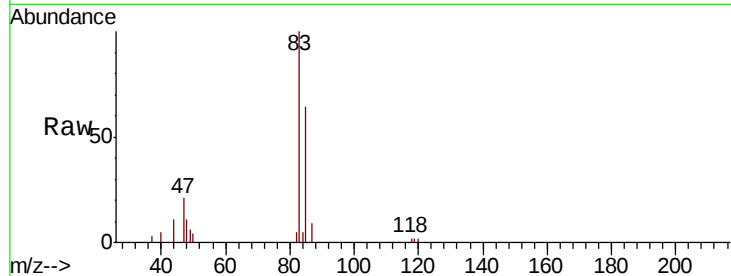




#30
Chloroform
Concen: 1.63 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

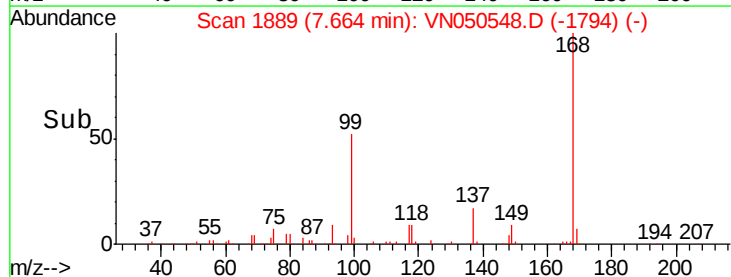
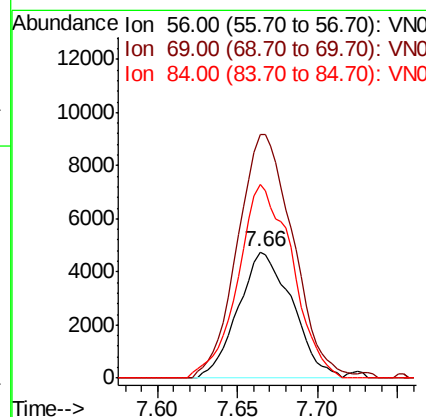
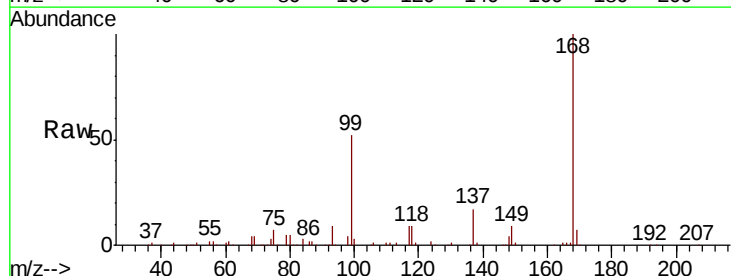
Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-F

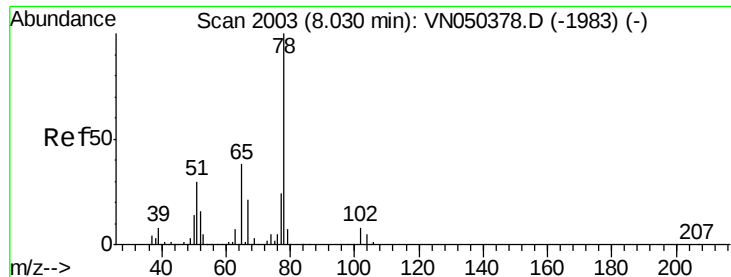
Tot Ion: 83 Resp: 21931
Ion Ratio Lower Upper
83 100
85 64.4 52.5 78.7



#31
Cyclohexane
Concen: 0.30 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

Tgt Ion: 56 Resp: 11014
Ion Ratio Lower Upper
56 100
69 193.1 26.2 39.4#
84 154.0 67.4 101.0#





#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

Instrument :

MSVOA_N

ClientSampleId :

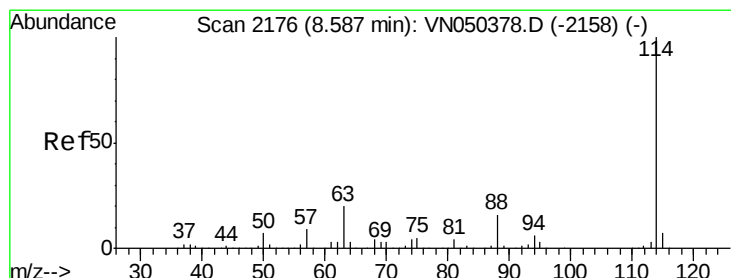
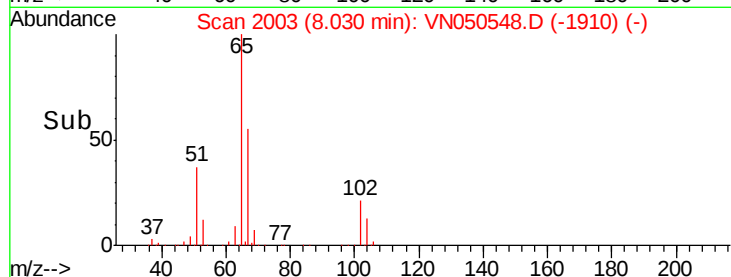
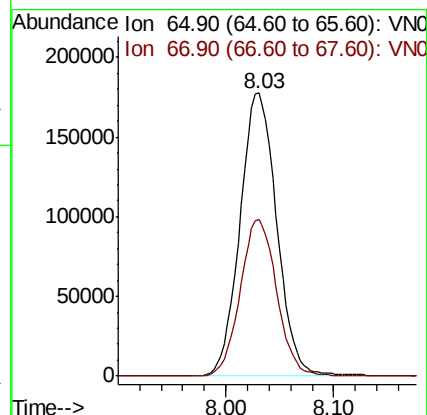
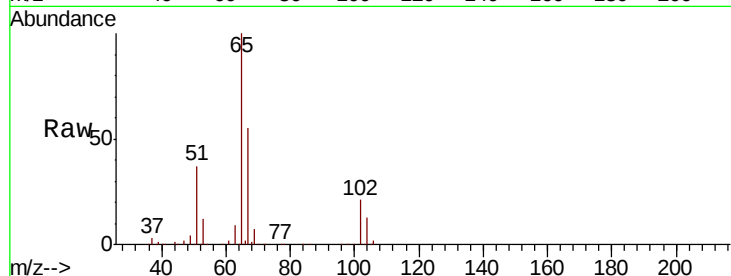
JC-03-080918-F

Tot 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

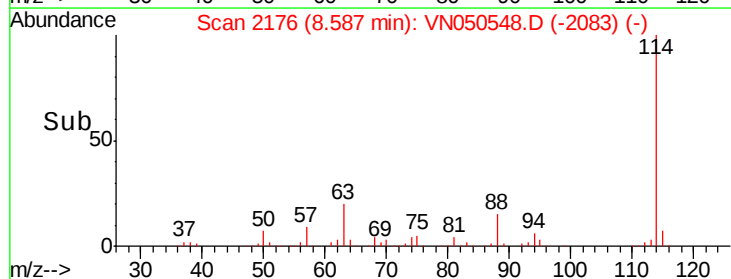
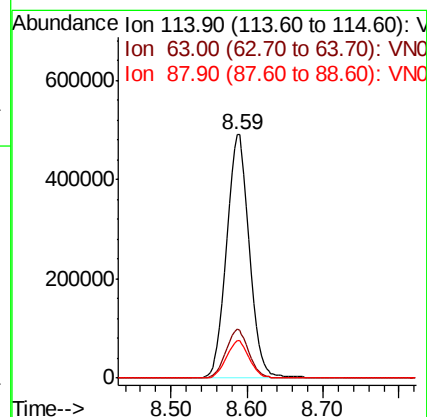
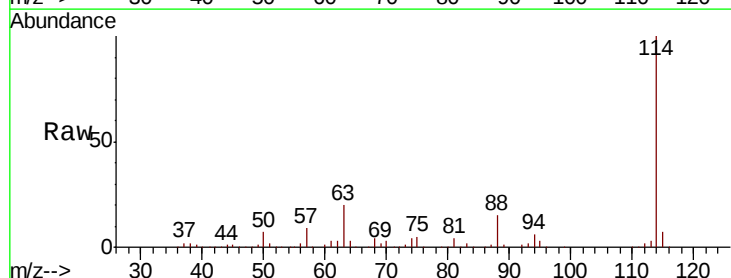
Tgt Ion: 114 Resp: 1026160

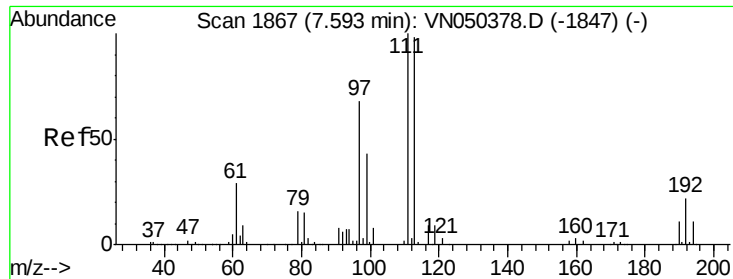
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.2 0.0 31.2

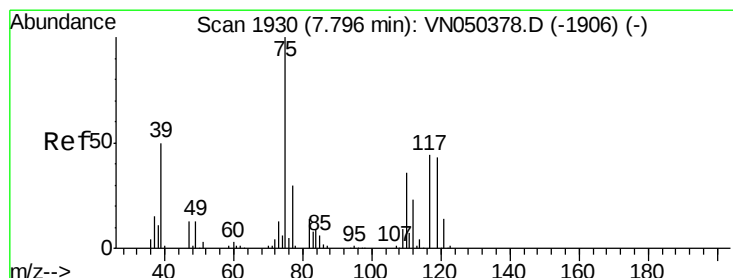
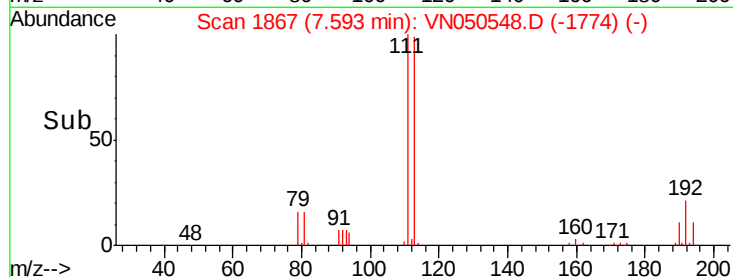
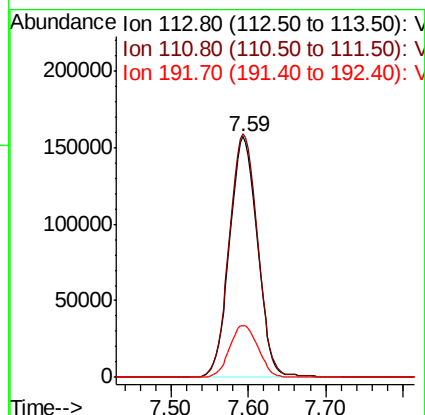
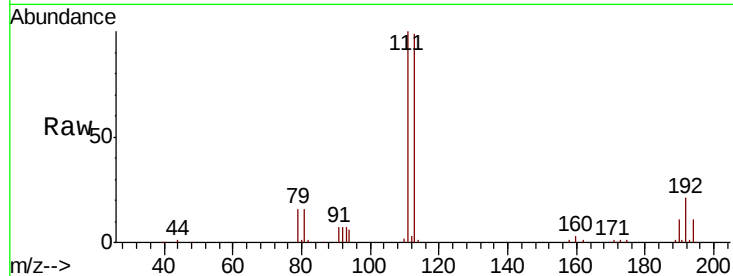




#35
 Dibromofluoromethane
 Concen: 47.64 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050548.D
 Acq: 11 Aug 2018 4:34

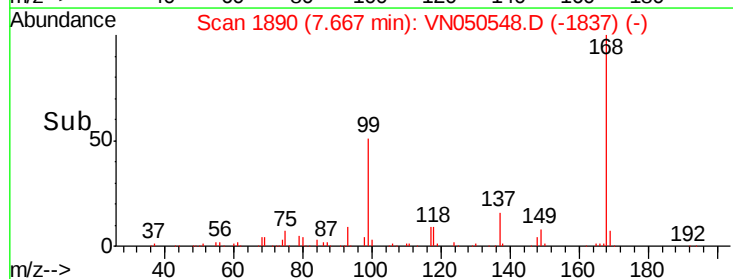
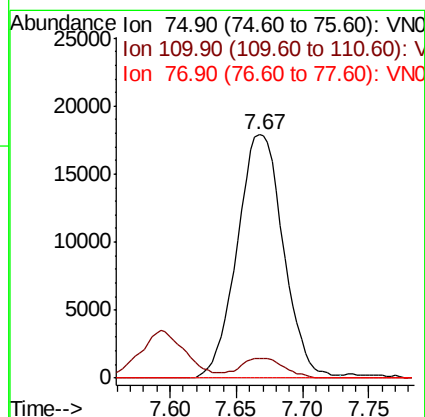
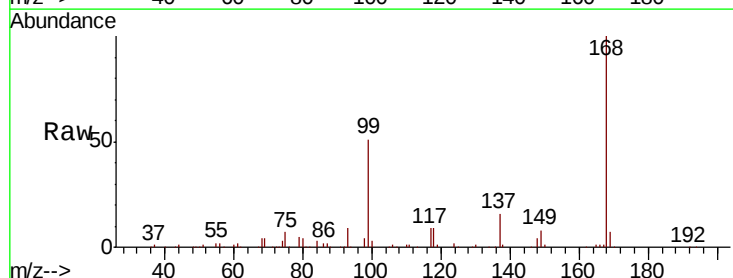
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-080918-F

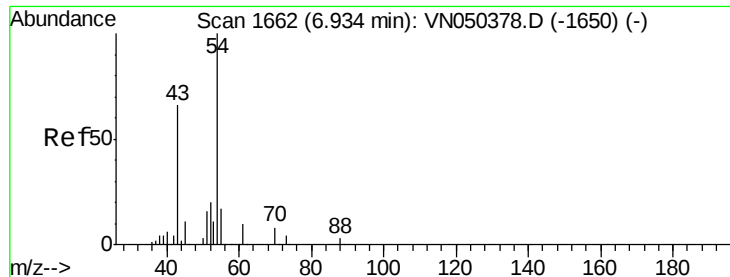
Tot Ion:113 Resp: 392245
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.7 121.1
 192 22.1 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.86 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050548.D
 Acq: 11 Aug 2018 4:34

Tgt Ion: 75 Resp: 43471
 Ion Ratio Lower Upper
 75 100
 110 7.8 18.4 55.2#
 77 0.0 25.3 37.9#

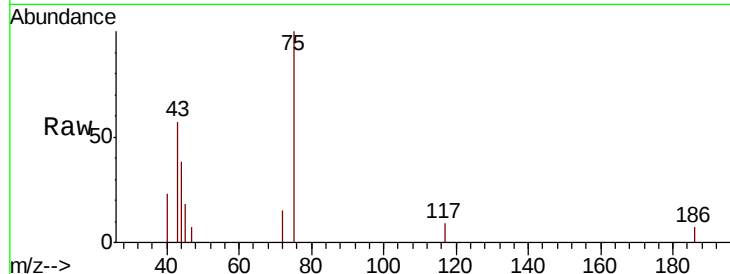




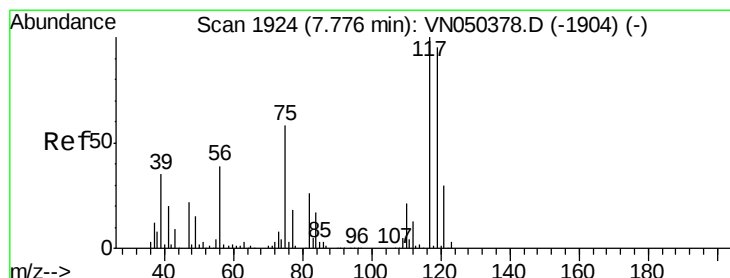
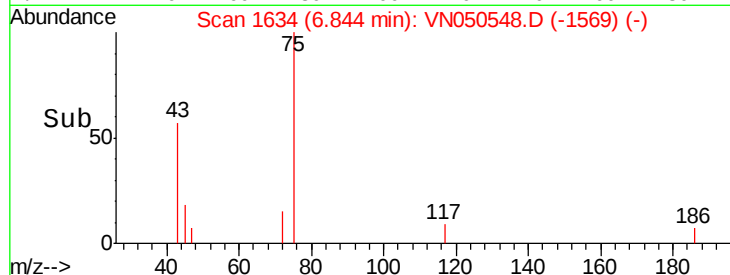
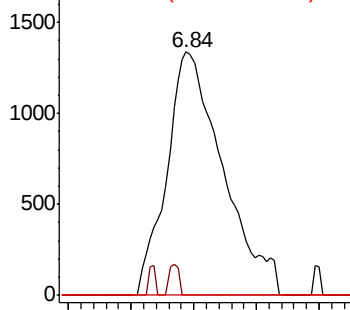
#37
Ethyl Acetate
Concen: 0.51 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. -0.09 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

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

Tot Ion: 43 Resp: 4169
Ion Ratio Lower Upper
43 100
61 2.2 11.8 17.8#
70 0.0 8.4 12.6#

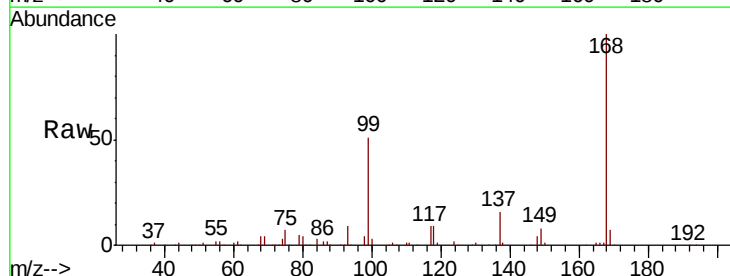


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

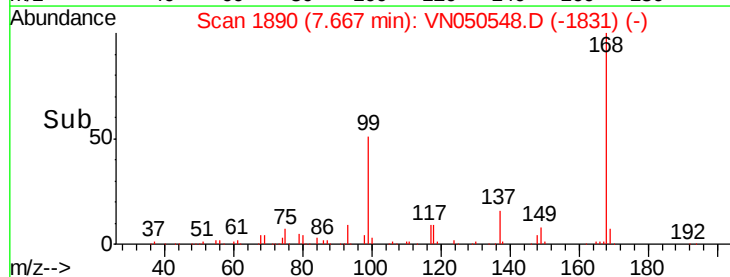
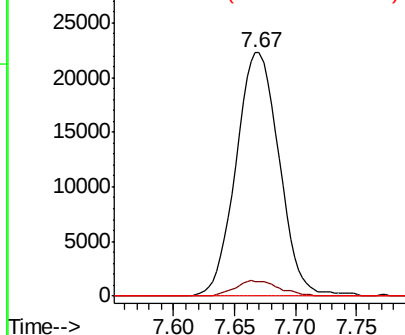


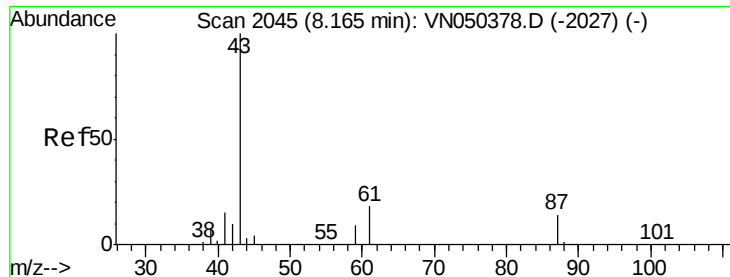
#38
Carbon Tetrachloride
Concen: 4.64 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

Tgt Ion: 117 Resp: 54621
Ion Ratio Lower Upper
117 100
119 6.2 77.4 116.0#
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): 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

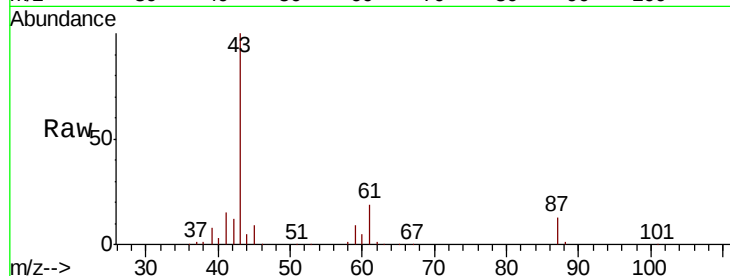
Tot Ion: 43 Resp: 263554

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) (-)

8.17

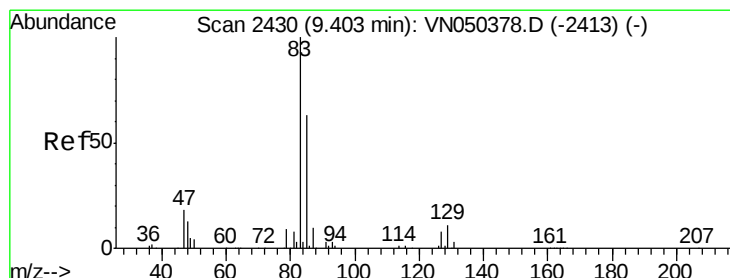
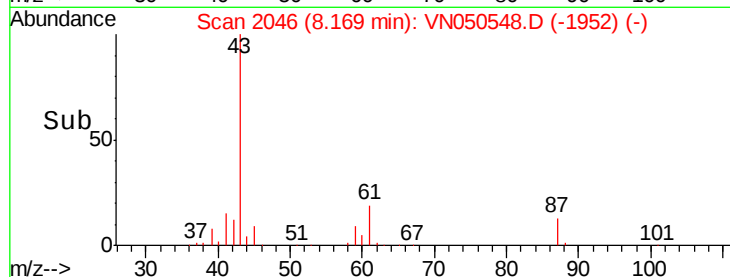
100000

50000

0

8.10 8.15 8.20

Time-->



#47

Bromodichloromethane

Concen: 0.45 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

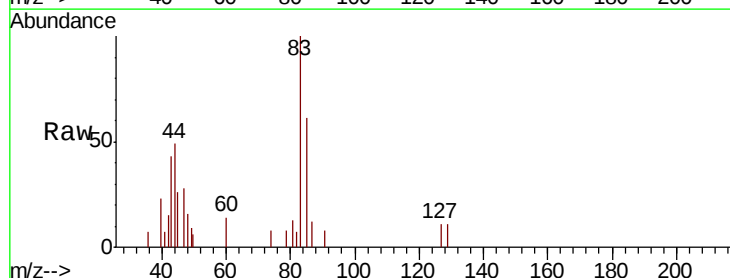
Tgt Ion: 83 Resp: 5234

Ion Ratio Lower Upper

83 100

85 60.5 51.1 76.7

127 10.6 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VN050378.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN050378.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN050378.D (-2413) (-)

9.40

3000

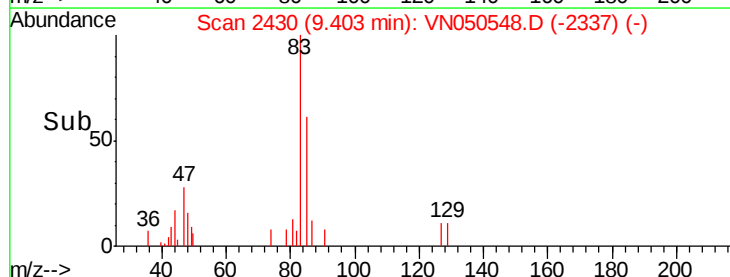
2000

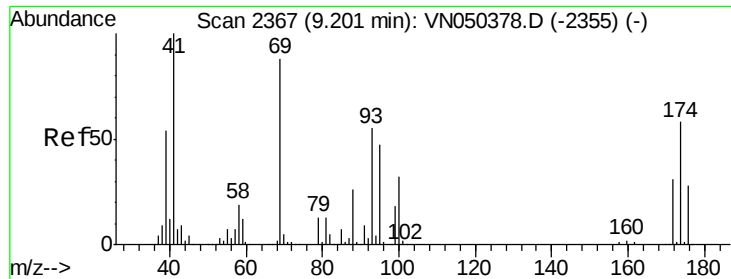
1000

0

9.35 9.40 9.45

Time-->

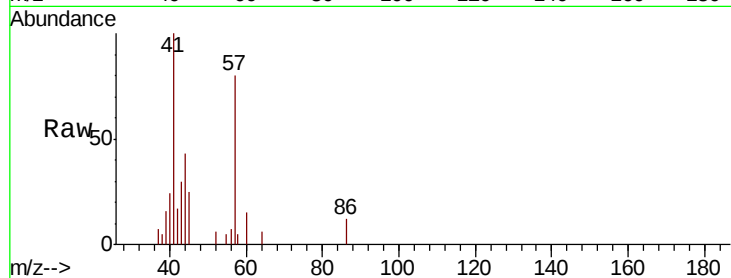




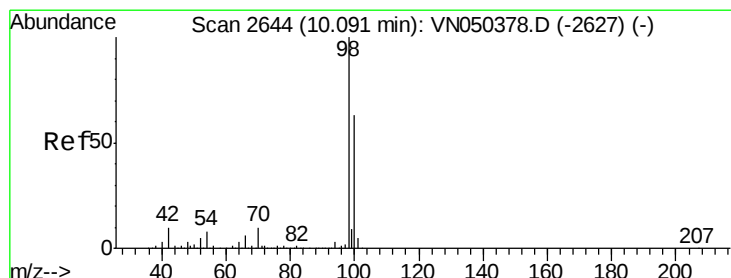
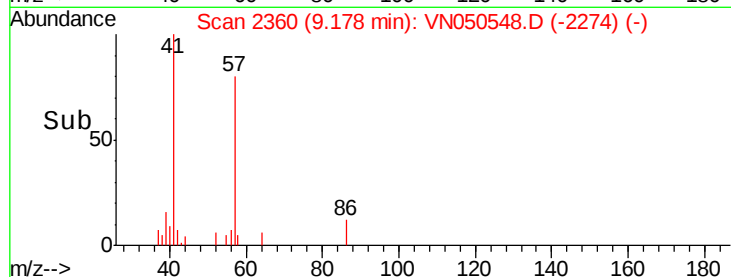
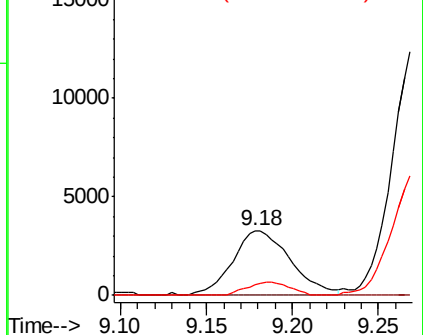
#48
Methvl methacrylate
Concen: 1.09 ug/l
RT: 9.18 min Scan# 2360
Delta R.T. -0.02 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

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

Tot Ion: 41 Resp: 7643
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 14.8 43.9 65.9#

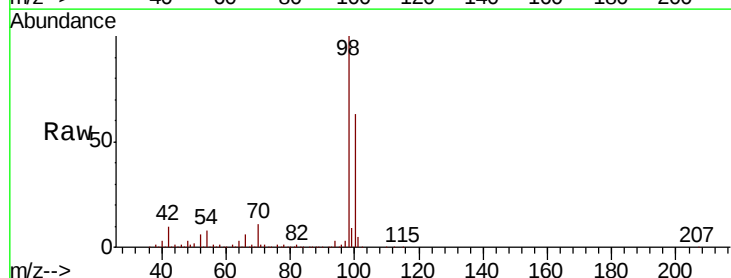


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

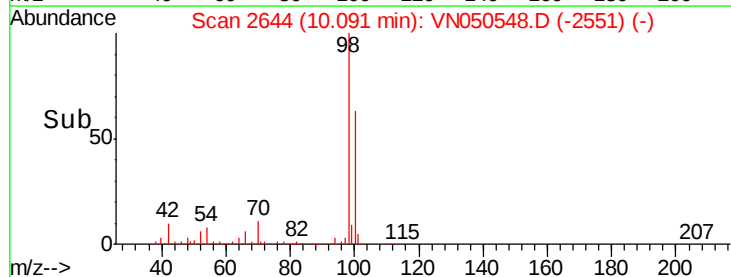
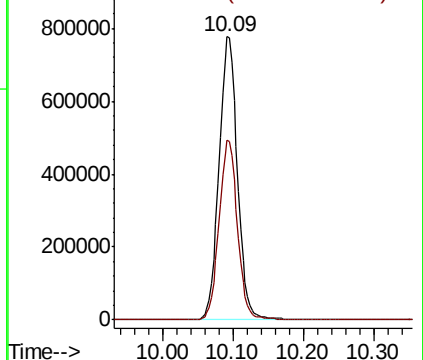


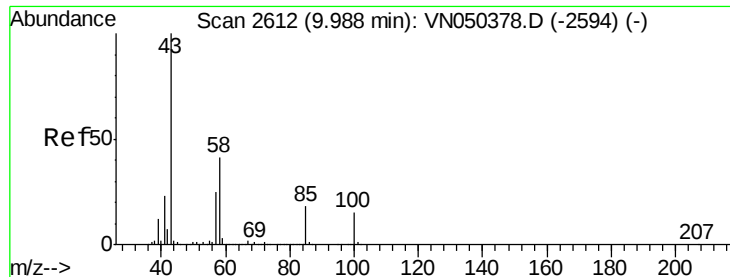
#50
Toluene-d8
Concen: 45.62 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

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): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.24 ug/l

RT: 9.98 min Scan# 2610

Delta R.T. -0.01 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

Instrument :

MSVOA_N

ClientSampleId :

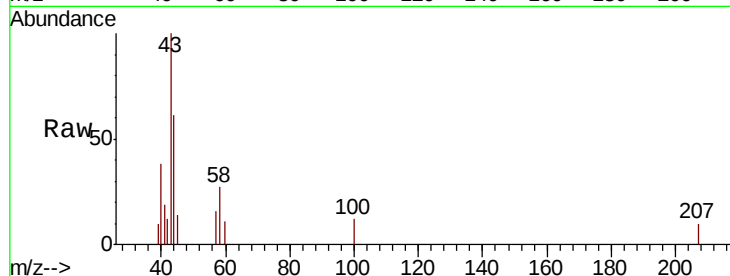
JC-03-080918-F

Tot Ion: 43 Resp: 2423

Ion Ratio Lower Upper

43 100

58 37.0 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2594) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-2594) (-)

2500

2000

1500

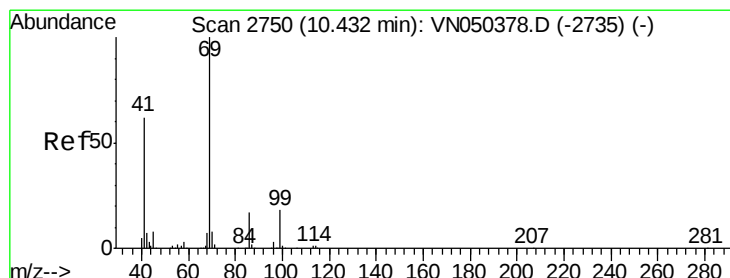
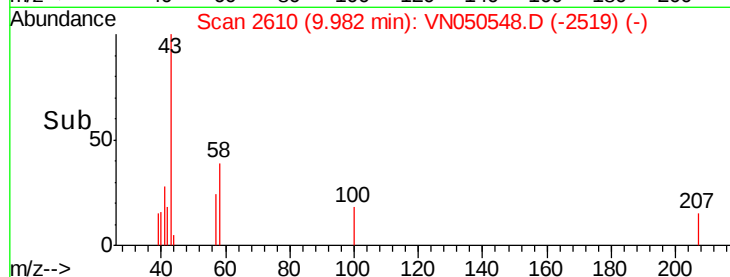
1000

500

0

9.95 9.98 10.00

Time-->



#56

Ethyl methacrylate

Concen: 1.91 ug/l

RT: 10.22 min Scan# 2685

Delta R.T. -0.21 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

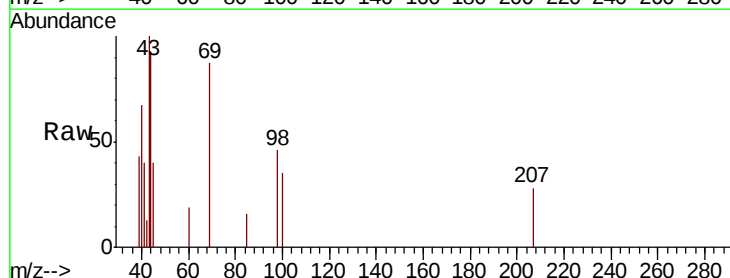
Tgt Ion: 69 Resp: 2350

Ion Ratio Lower Upper

69 100

41 10.9 51.0 76.4#

39 40.2 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VN050378.D (-2735) (-)

Ion 41.00 (40.70 to 41.70): VN050378.D (-2735) (-)

Ion 39.00 (38.70 to 39.70): VN050378.D (-2735) (-)

1500

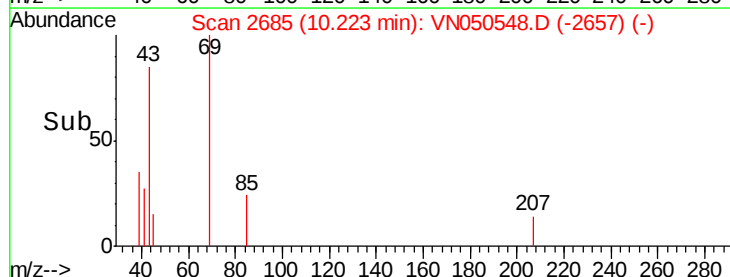
1000

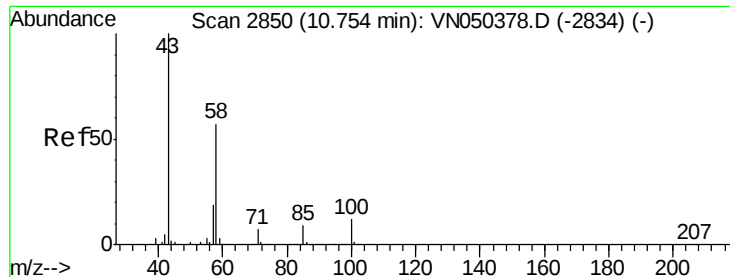
500

0

10.20 10.22 10.25

Time-->

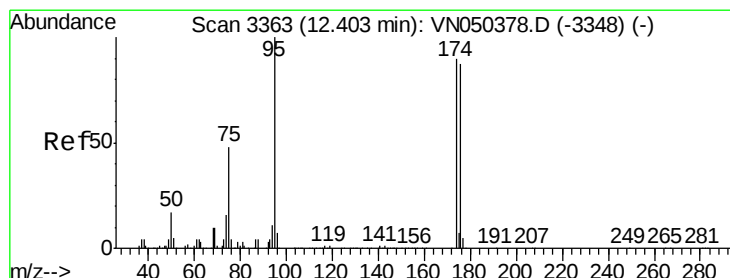
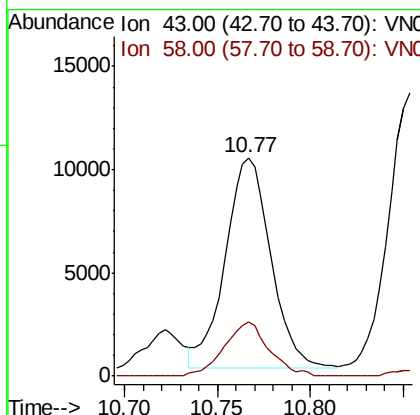
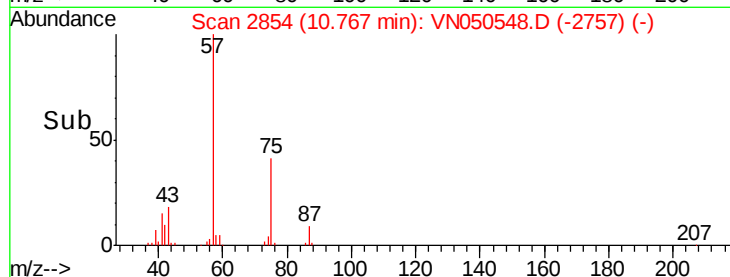
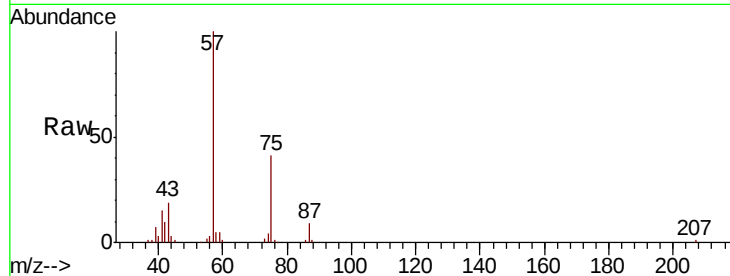




#59
2-Hexanone
Concen: 2.49 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

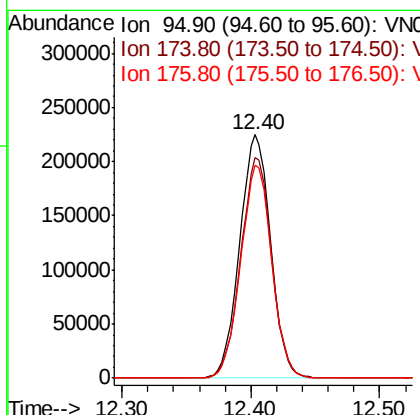
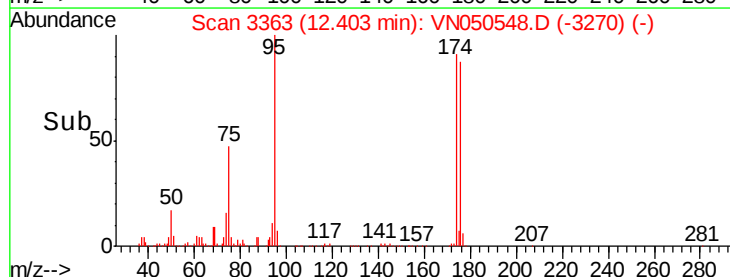
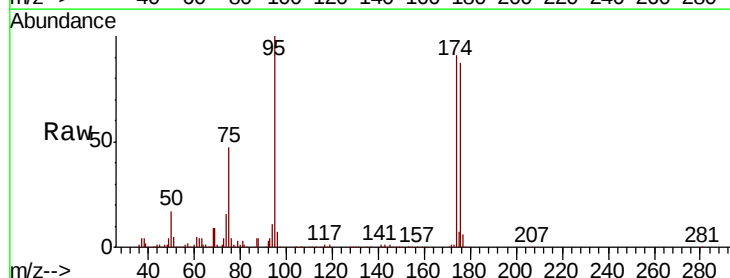
Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-F

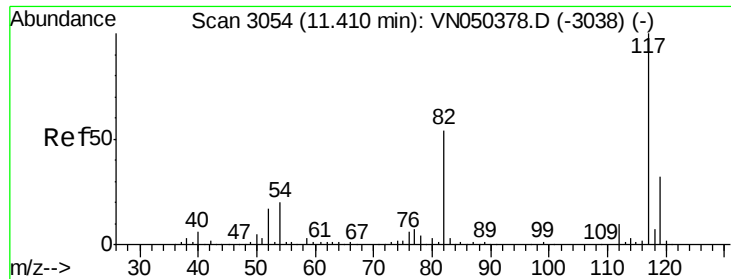
Tot Ion: 43 Resp: 17532
Ion Ratio Lower Upper
43 100
58 24.9 27.6 82.7#



#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

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

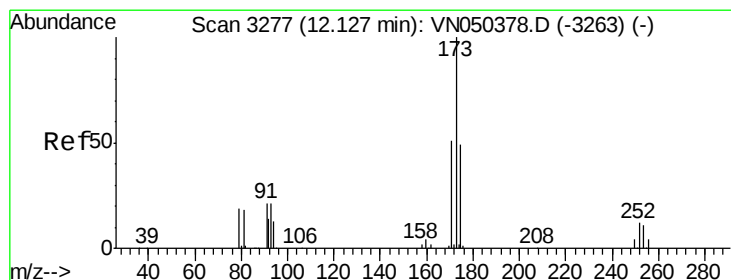
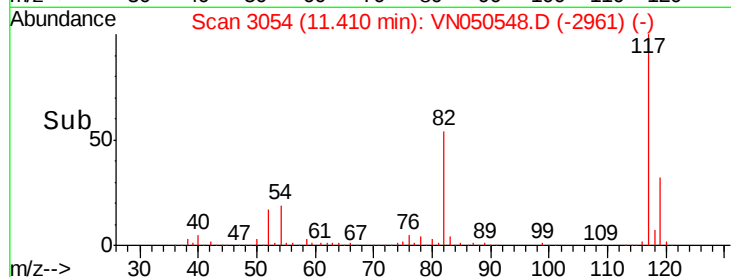
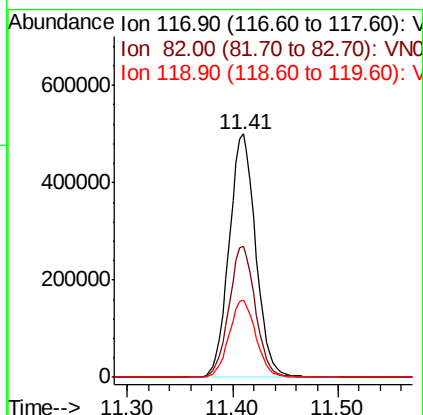
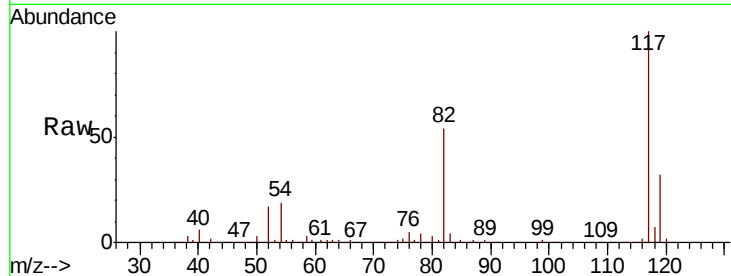




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

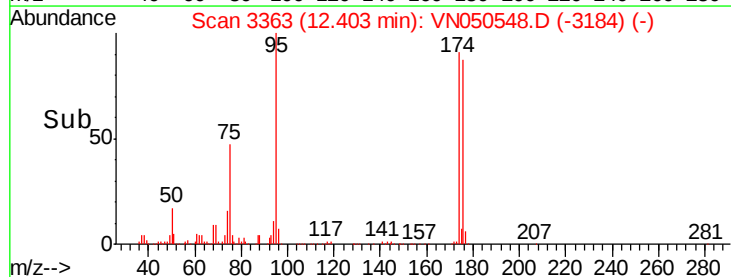
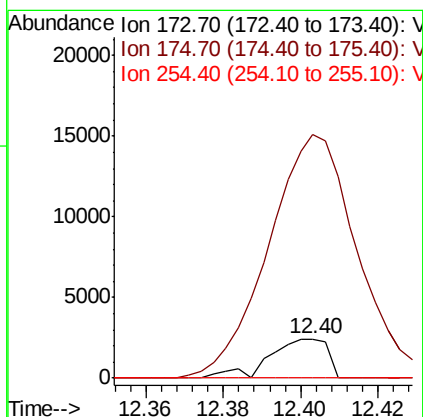
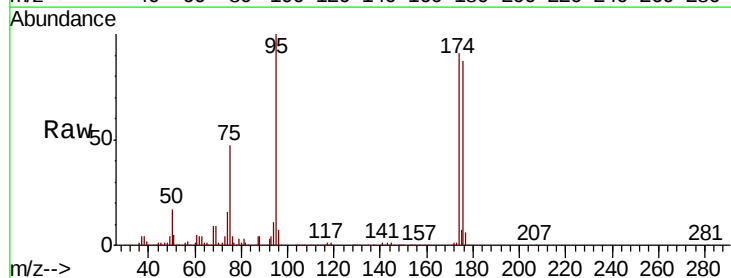
Instrument :
MSVOA_N
ClientSampleId :
JC-03-080918-F

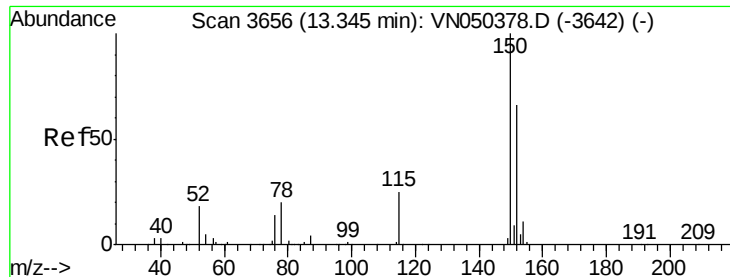
Tot Ion:117 Resp: 869621
Ion Ratio Lower Upper
117 100
82 53.8 43.7 65.5
119 31.7 26.1 39.1



#71
Bromoform
Concen: 0.44 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN050548.D
Acq: 11 Aug 2018 4:34

Tgt Ion:173 Resp: 2532
Ion Ratio Lower Upper
173 100
175 811.8 24.1 72.2#
254 0.0 0.2 0.2#





#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

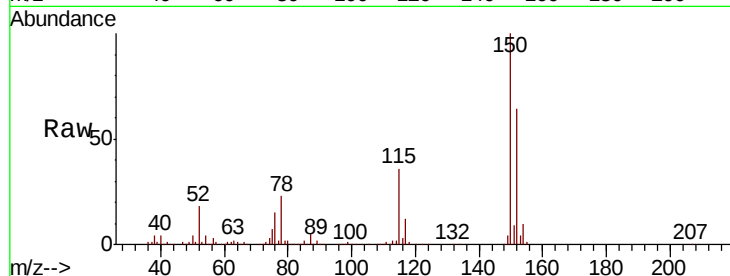
Tot Ion:152 Resp: 293491

Ion Ratio Lower Upper

152 100

115 57.1 27.8 83.3

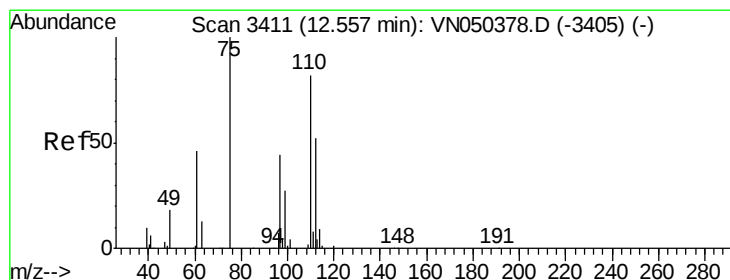
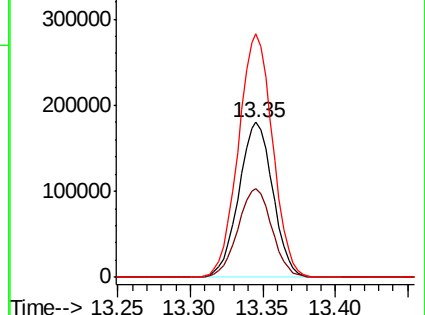
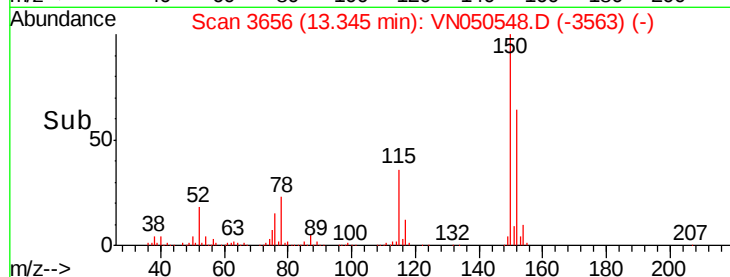
150 158.0 0.0 348.6



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



#76

1,2,3-Trichloropropane

Concen: 33.79 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050548.D

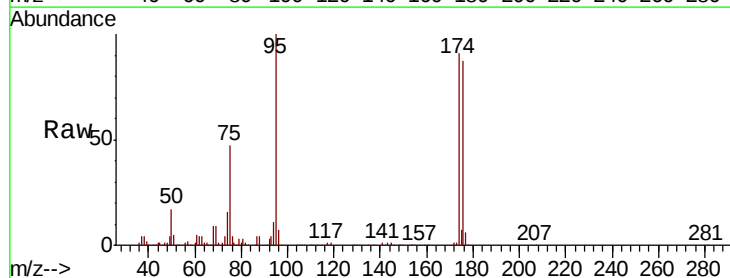
Acq: 11 Aug 2018 4:34

Tgt Ion: 75 Resp: 179490

Ion Ratio Lower Upper

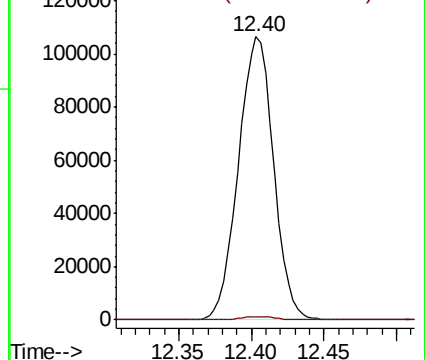
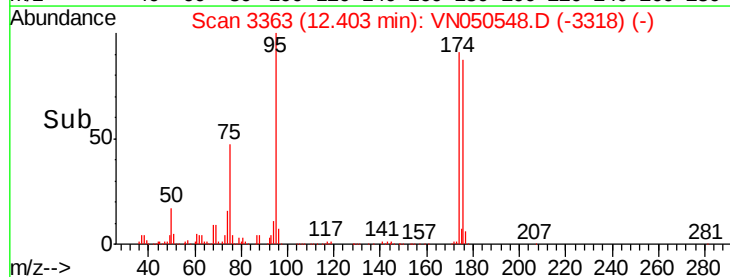
75 100

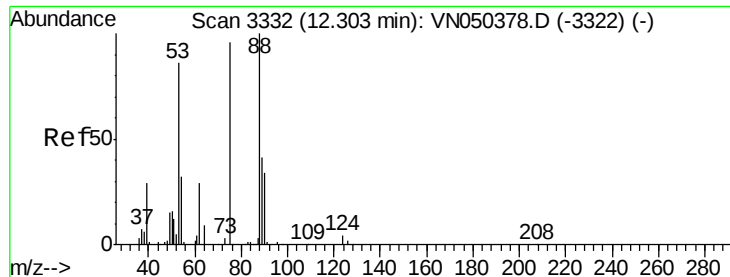
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 118.71 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

Instrument :

MSVOA_N

ClientSampleId :

JC-03-080918-F

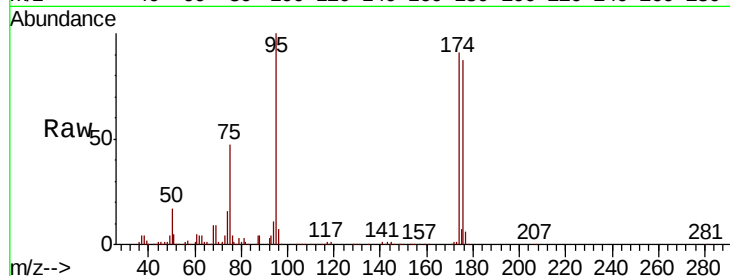
Tot Ion: 75 Resp: 179490

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

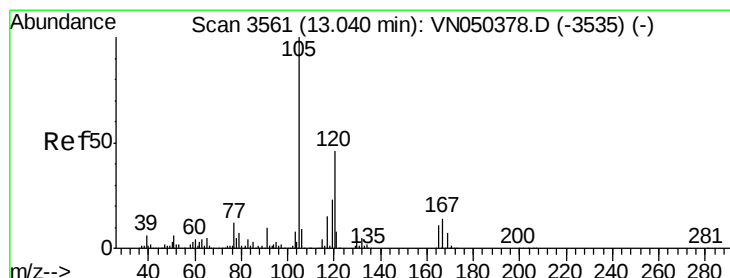
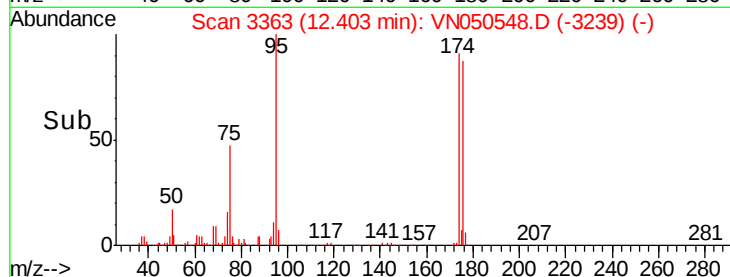
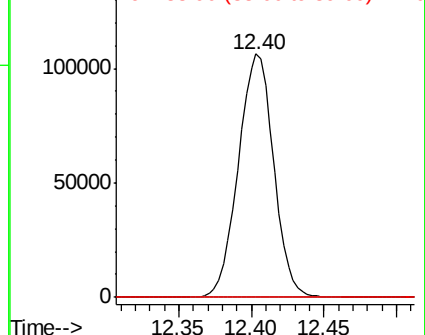
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.51 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050548.D

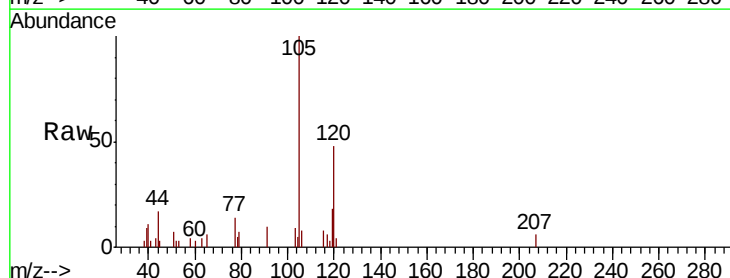
Acq: 11 Aug 2018 4:34

Tgt Ion: 105 Resp: 9158

Ion Ratio Lower Upper

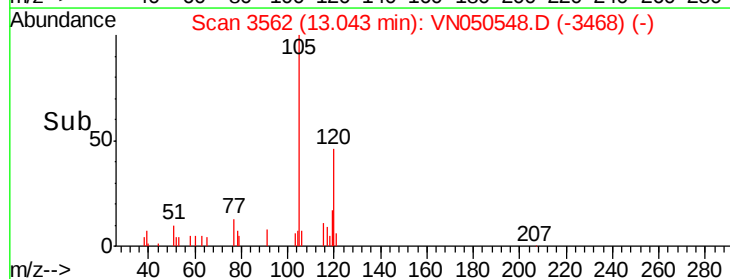
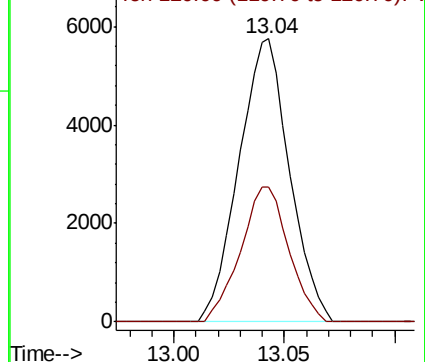
105 100

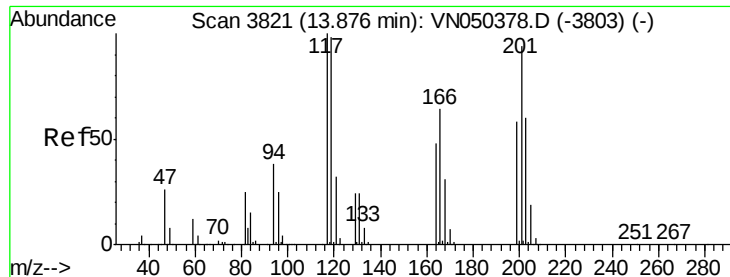
120 45.3 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.33 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050548.D

Acq: 11 Aug 2018 4:34

Instrument :

MSVOA_N

ClientSampleId :

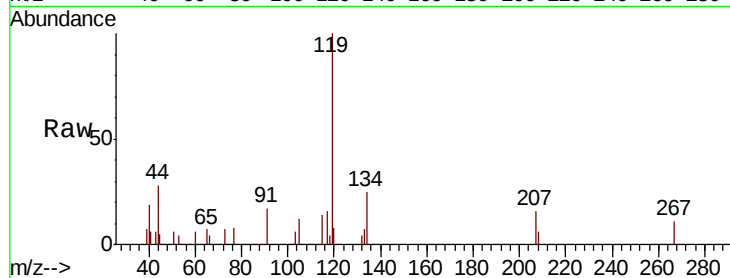
JC-03-080918-F

Tot Ion:117 Resp: 1057

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

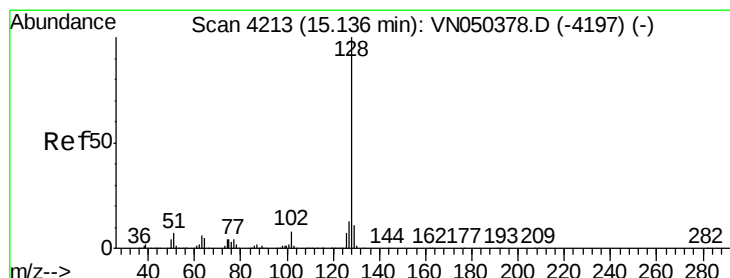
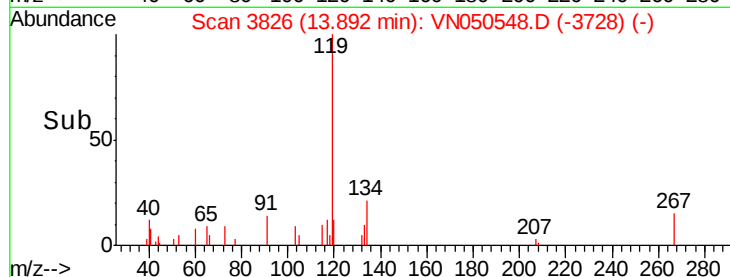
600

400

200

0

Time--> 13.85 13.90



#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

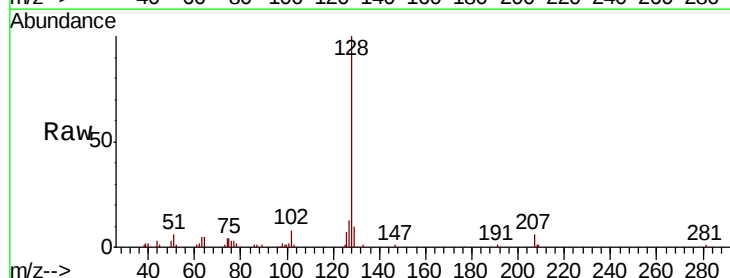
Tgt Ion:128 Resp: 70097

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

50000

40000

30000

20000

10000

0

Time--> 15.10 15.20

