

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053760.D
 Acq On : 13 Feb 2019 17:29
 Operator : JC/SP
 Sample : K1343-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-J

Quant Time: Feb 14 00:15:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	685929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1155508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1048308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404501	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	370458	53.84	ug/l	0.00
Spiked Amount			Recovery	=	107.68%	
35) Dibromofluoromethane	7.59	113	363346	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
50) Toluene-d8	10.09	98	1391768	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	442032	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	

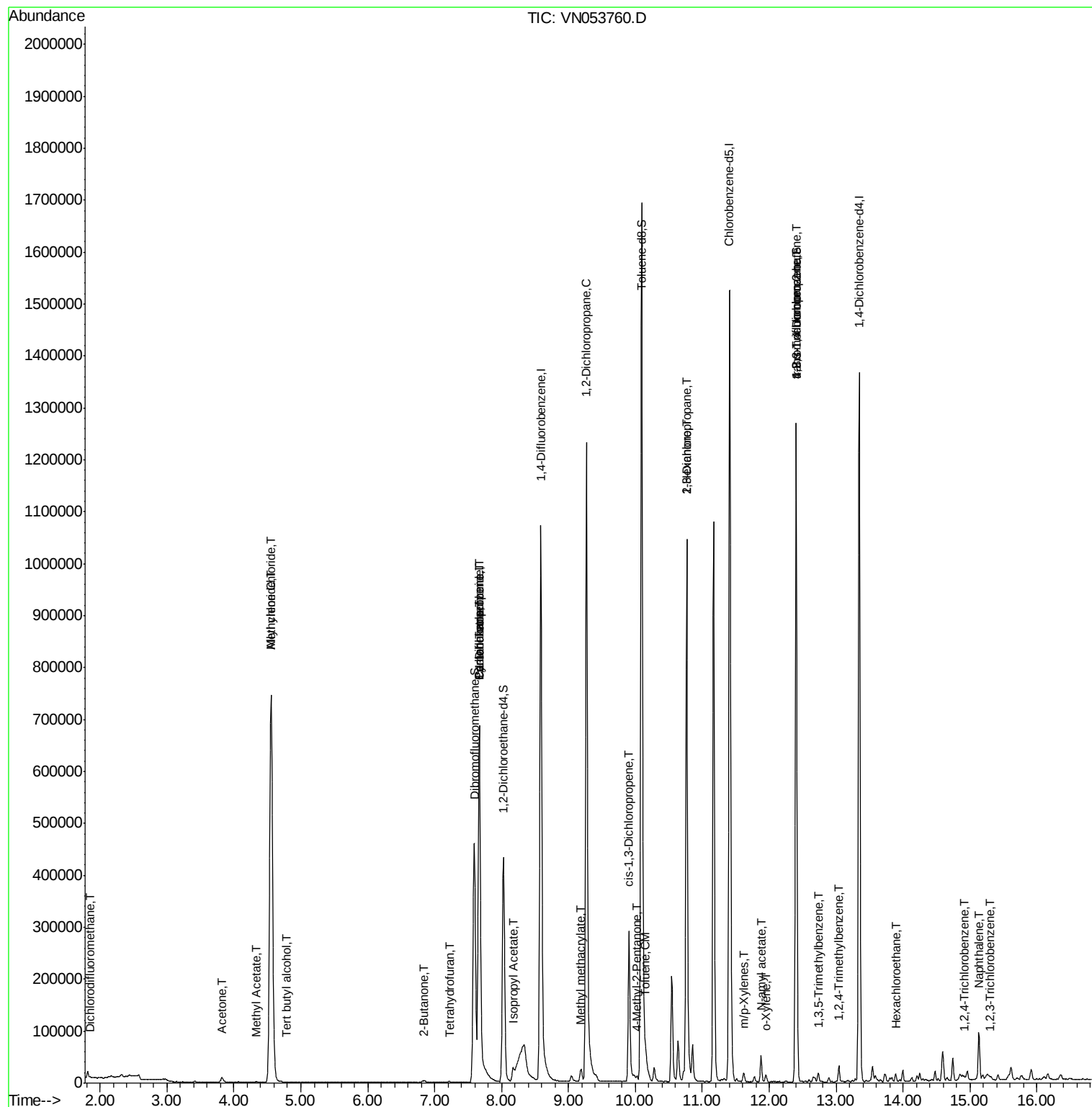
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	241	0.369	ug/l #	42
11) Tert butyl alcohol	4.78	59	197	0.484	ug/l #	72
14) Allyl chloride	4.55	41	21056	2.082	ug/l #	27
16) Acetone	3.82	43	15564	8.818	ug/l	89
18) Methyl Acetate	4.34	43	3070	0.587	ug/l #	71
20) Methylene Chloride	4.55	84	608182	82.130	ug/l	99
25) 2-Butanone	6.85	43	4806	1.909	ug/l	99
29) Tetrahydrofuran	7.21	42	712	0.440	ug/l #	60
31) Cyclohexane	7.67	56	10002	0.692	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40962	3.933	ug/l #	49
38) Carbon Tetrachloride	7.67	117	54612	5.205	ug/l #	16
43) Isopropyl Acetate	8.17	43	33718	3.001	ug/l #	76
45) 1,2-Dichloropropane	9.27	63	1697	0.207	ug/l #	43
48) Methyl methacrylate	9.18	41	8403	1.567	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	7280	1.319	ug/l #	34
52) Toluene	10.16	92	5024	0.264	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	63105	5.165	ug/l #	62
57) 1,3-Dichloropropane	10.77	76	12226	1.041	ug/l #	43
59) 2-Hexanone	10.77	43	158434	42.273	ug/l #	51
68) m/p-Xylenes	11.62	106	5967	0.427	ug/l	97
69) o-Xylene	11.95	106	2935	0.218	ug/l	82
74) N-amyl acetate	11.88	43	16304	2.384	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	206027	39.654	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8752	0.371	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	206027	111.505	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	18223	0.759	ug/l	99
90) Hexachloroethane	13.89	117	995	0.243	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	2247	0.297	ug/l #	74
95) Naphthalene	15.13	128	81366	6.156	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	2464	0.351	ug/l #	85

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

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Quant Time: Feb 14 00:15:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053760.D

Acq: 13 Feb 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

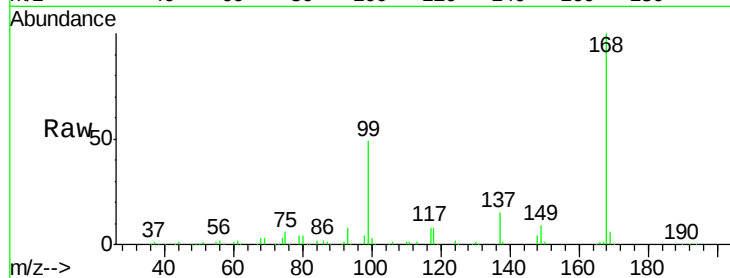
JC-02-021119-J

Tot Ion:168 Resp: 685929

Ion Ratio Lower Upper

168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053760.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053760.D (-1740) (-)

7.67

250000

200000

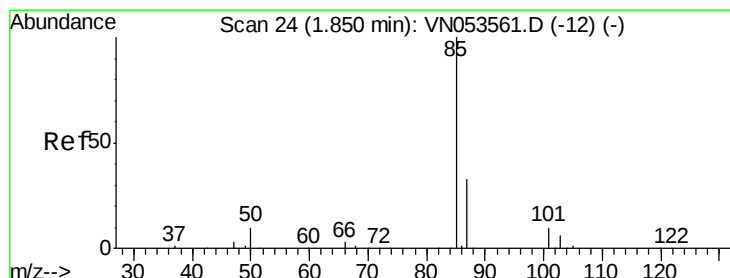
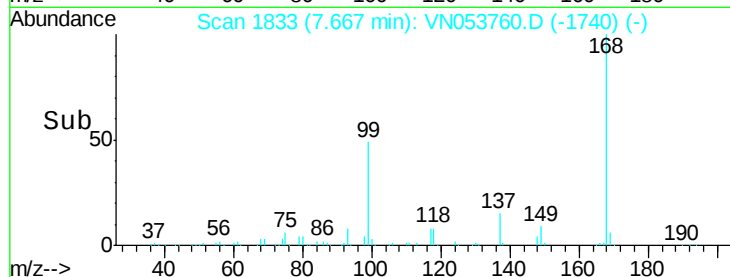
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.369 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN053760.D

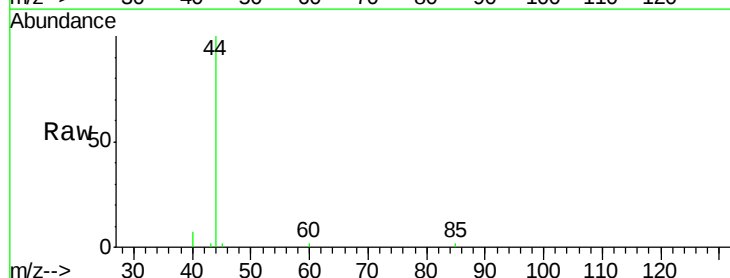
Acq: 13 Feb 2019 17:29

Tgt Ion: 85 Resp: 241

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VN053760.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN053760.D (-1) (-)

1.85

250

200

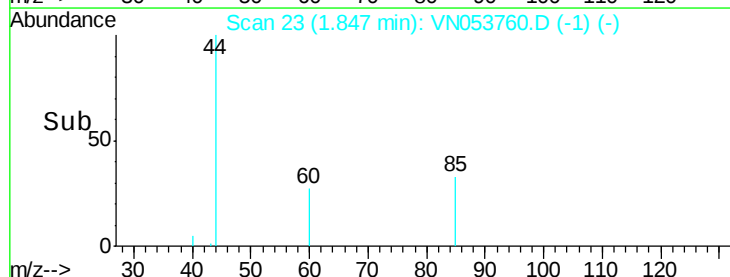
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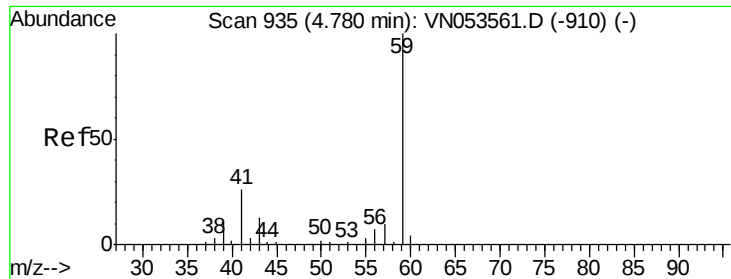
100

50

0

Time-->



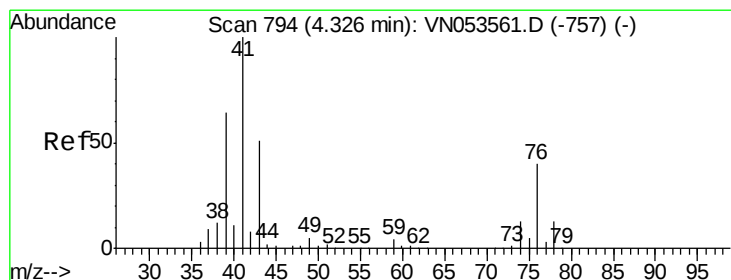
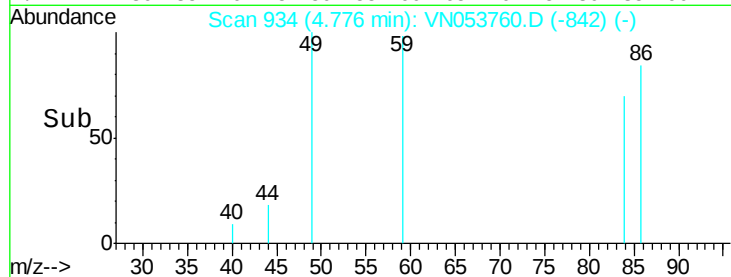
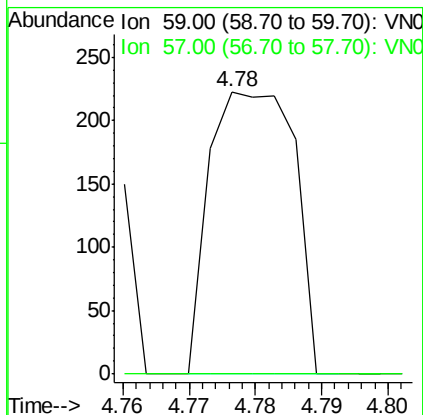
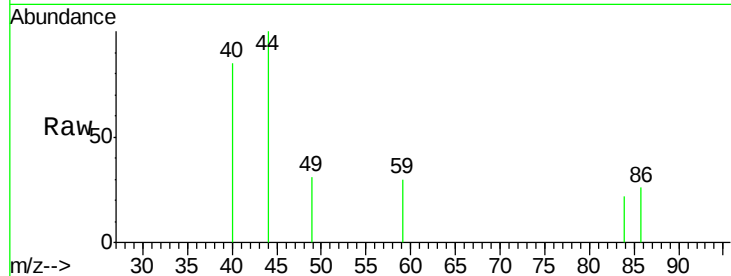


#11

Tert butyl alcohol
 Concen: 0.484 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VN053760.D
 Acq: 13 Feb 2019 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-J

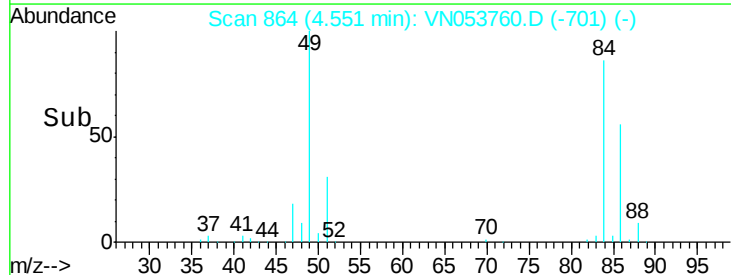
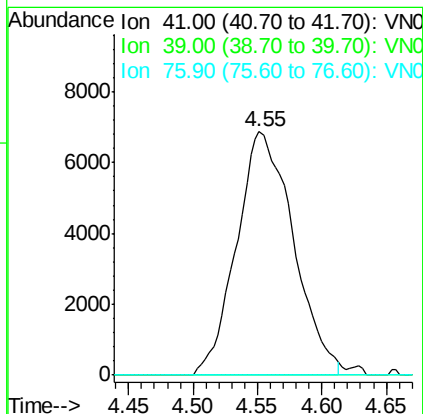
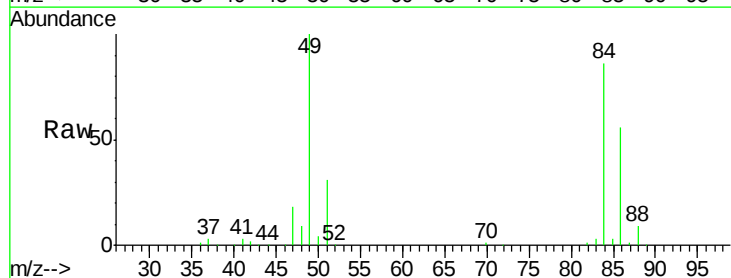
Tot Ion: 59 Resp: 197
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

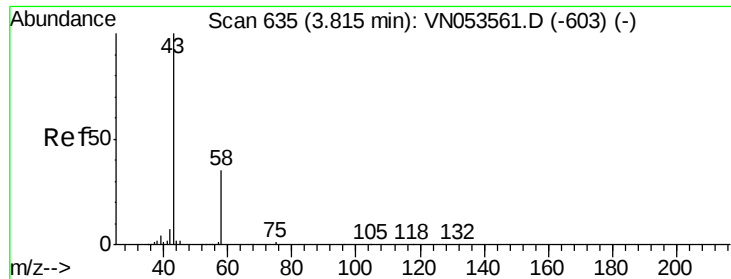


#14

Allyl chloride
 Concen: 2.082 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. 0.23 min
 Lab File: VN053760.D
 Acq: 13 Feb 2019 17:29

Tgt Ion: 41 Resp: 21056
 Ion Ratio Lower Upper
 41 100
 39 0.0 48.9 73.3#
 76 0.0 29.4 44.2#





#16

Acetone

Concen: 8.818 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

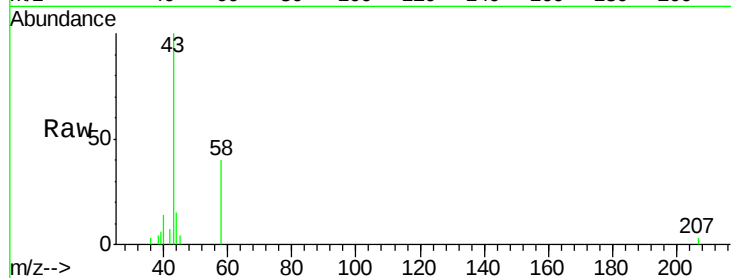
JC-02-021119-J

Tot Ion: 43 Resp: 15564

Ion Ratio Lower Upper

43 100

58 40.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

6000

5000

4000

3000

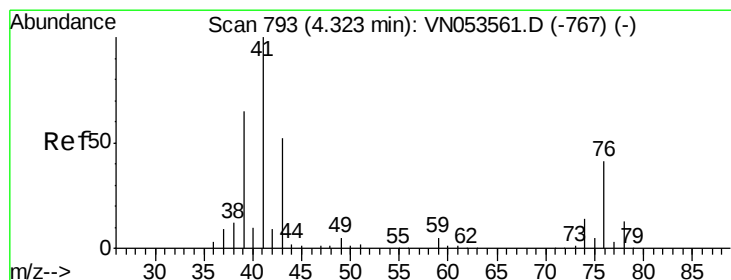
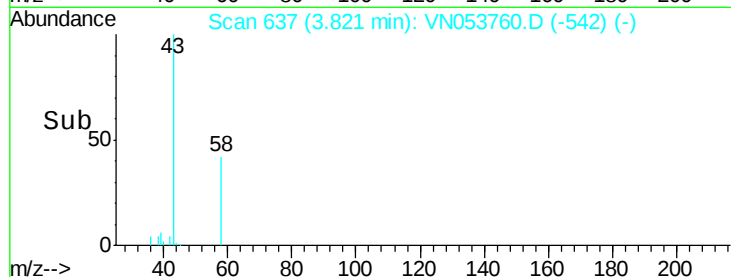
2000

1000

0

3.75 3.80 3.85 3.90

Time-->



#18

Methyl Acetate

Concen: 0.587 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053760.D

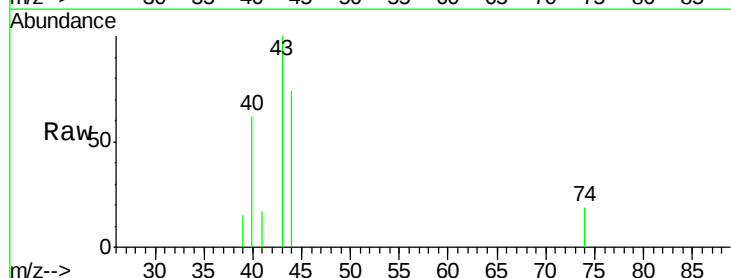
Acq: 13 Feb 2019 17:29

Tgt Ion: 43 Resp: 3070

Ion Ratio Lower Upper

43 100

74 10.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

1200

1000

800

600

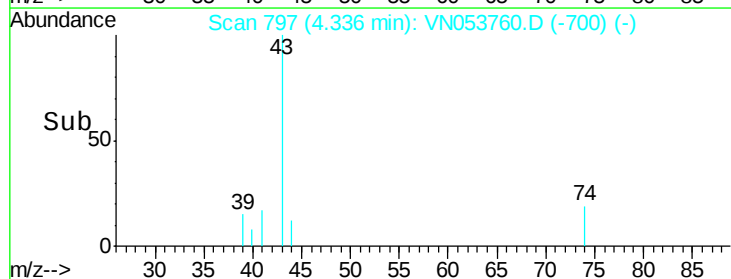
400

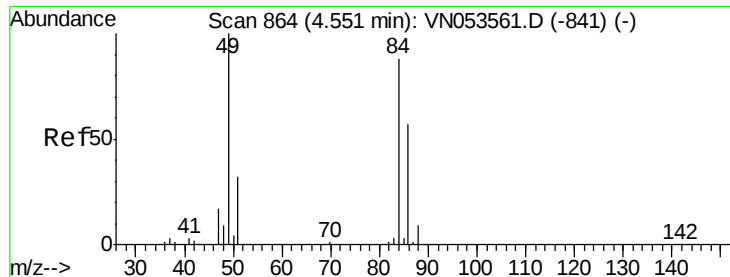
200

0

4.25 4.30 4.35 4.40

Time-->

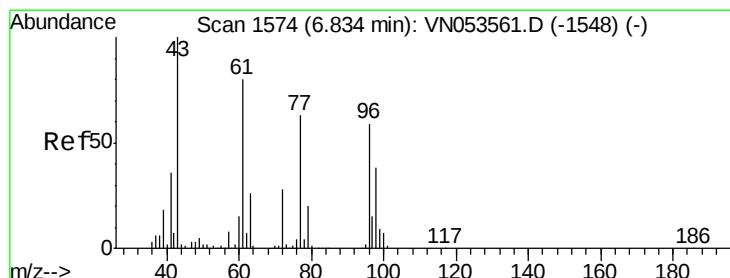
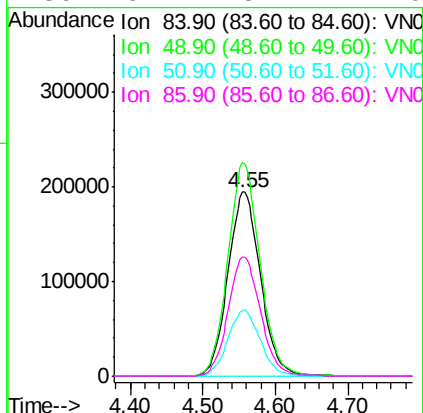
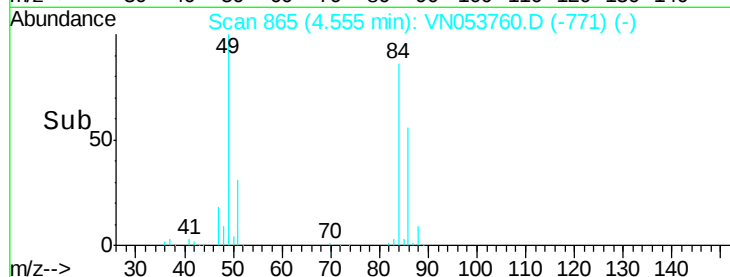
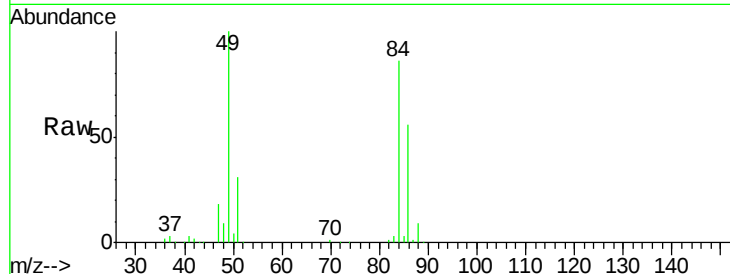




#20
Methvlene Chloride
Concen: 82.130 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053760.D
Acq: 13 Feb 2019 17:29

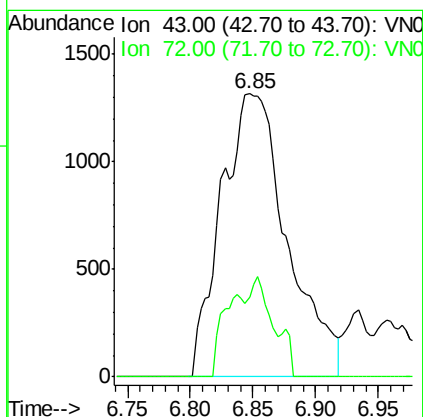
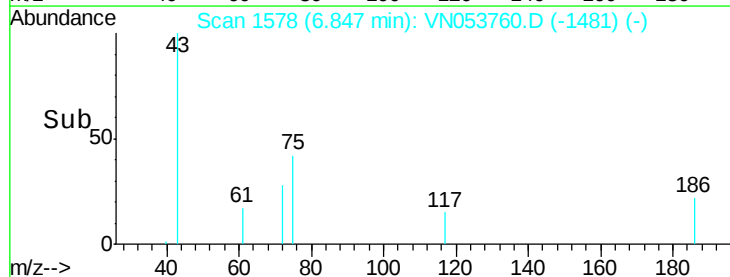
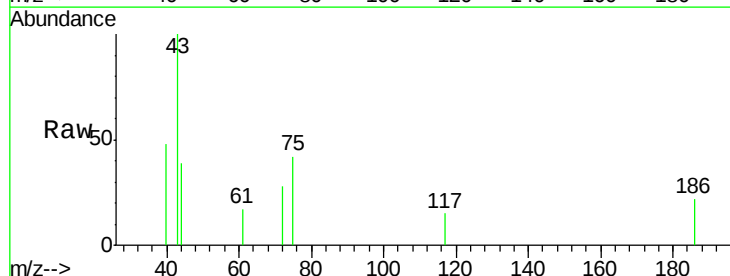
Instrument :
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JC-02-021119-J

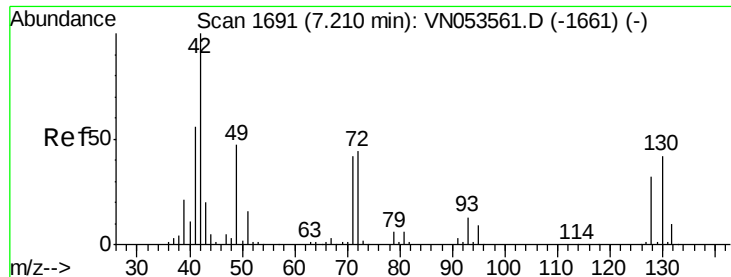
Tot Ion: 84 Resp: 608182
Ion Ratio Lower Upper
84 100
49 115.9 94.3 141.5
51 35.6 29.4 44.2
86 64.4 51.4 77.0



#25
2-Butanone
Concen: 1.909 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053760.D
Acq: 13 Feb 2019 17:29

Tgt Ion: 43 Resp: 4806
Ion Ratio Lower Upper
43 100
72 28.0 22.0 33.0

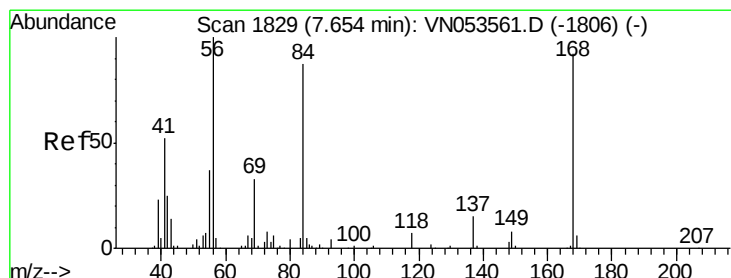
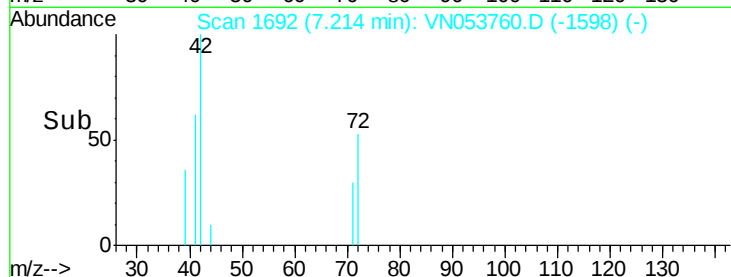
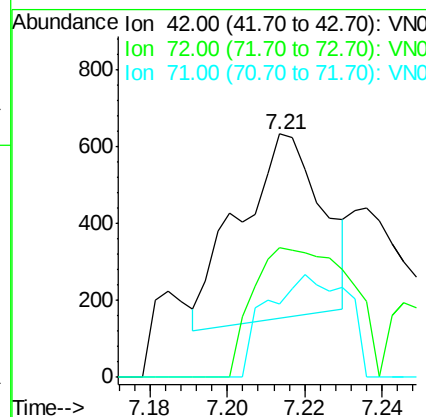
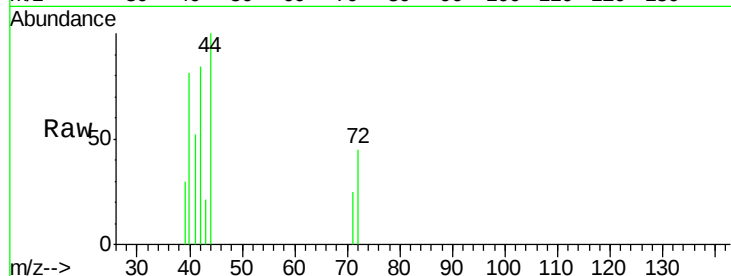




#29
Tetrahydrofuran
Concen: 0.440 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053760.D
Acq: 13 Feb 2019 17:29

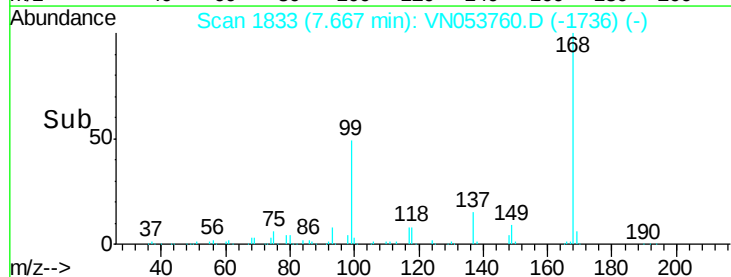
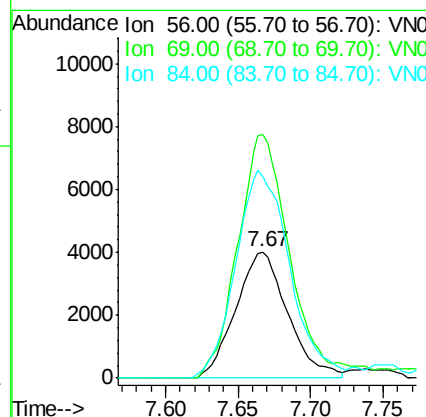
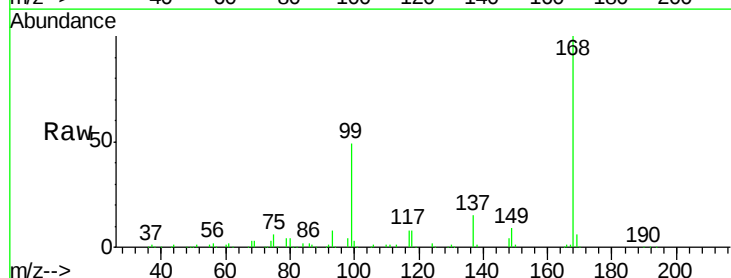
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-J

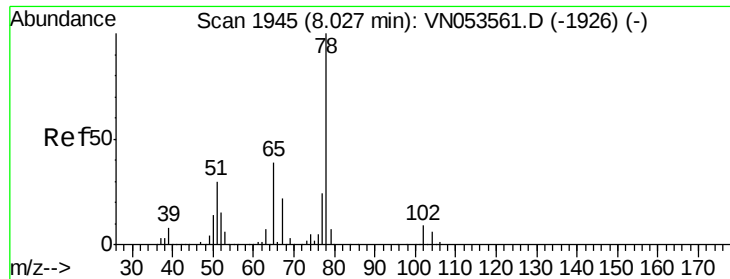
Tot Ion: 42 Resp: 712
Ion Ratio Lower Upper
42 100
72 82.2 35.2 52.8#
71 53.4 33.0 49.4#



#31
Cyclohexane
Concen: 0.692 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053760.D
Acq: 13 Feb 2019 17:29

Tgt Ion: 56 Resp: 10002
Ion Ratio Lower Upper
56 100
69 192.5 26.4 39.6#
84 159.7 67.9 101.9#





#33

1,2-Dichloroethane-d4

Concen: 53.836 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

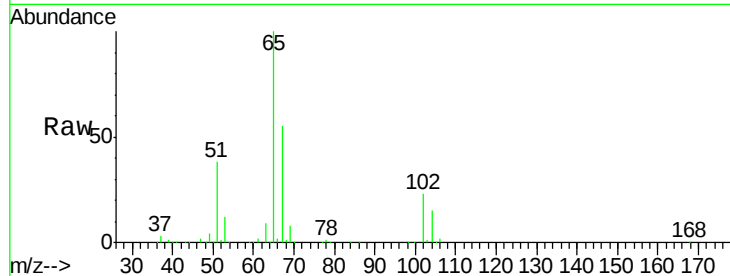
JC-02-021119-J

Tot Ion: 65 Resp: 370458

Ion Ratio Lower Upper

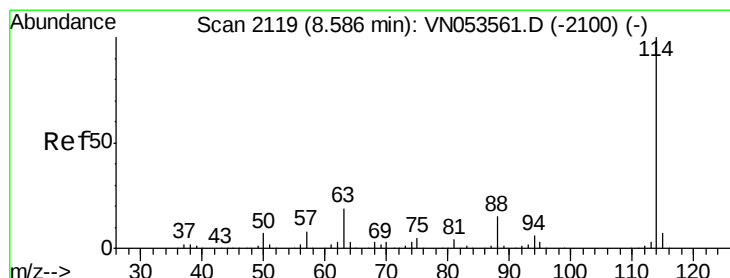
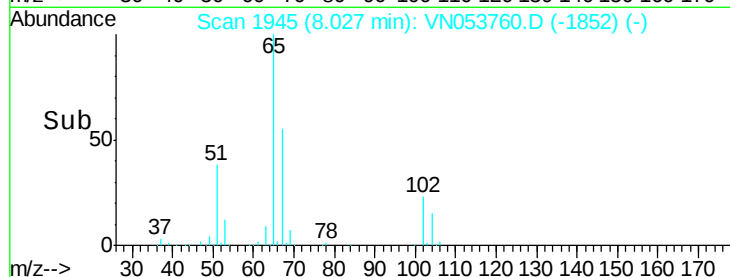
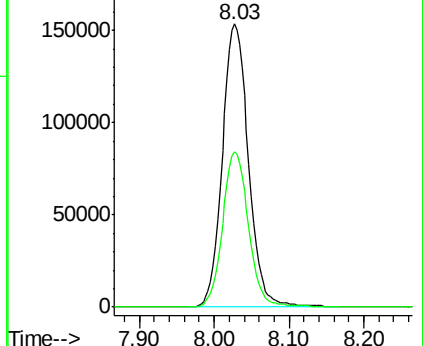
65 100

67 54.6 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

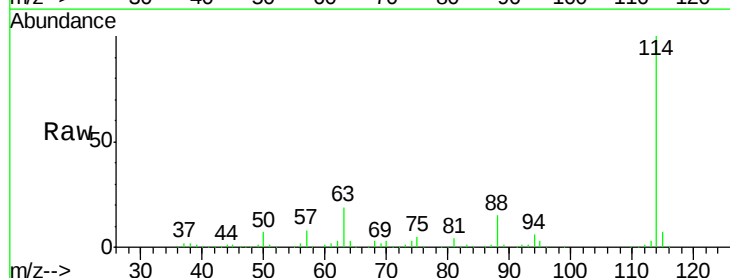
Tgt Ion: 114 Resp: 1155508

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

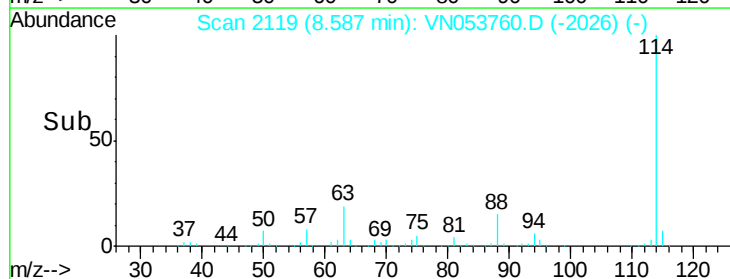
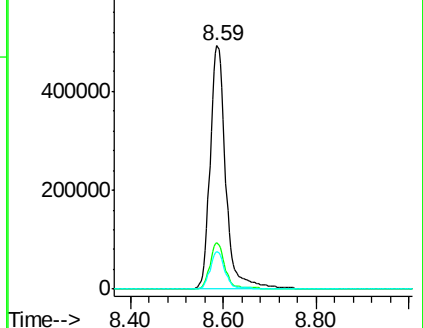
88 15.2 0.0 30.4

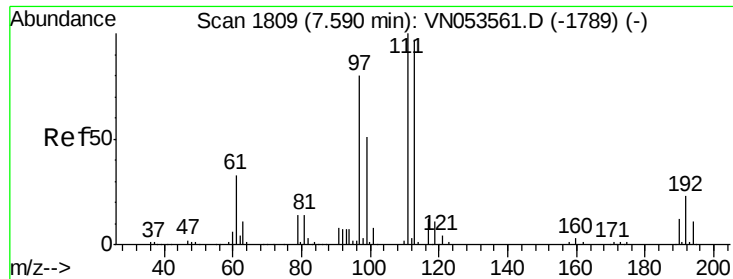


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

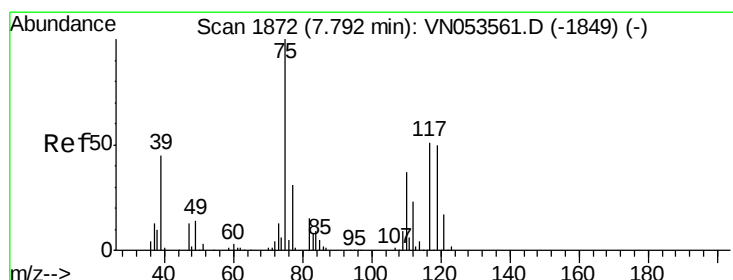
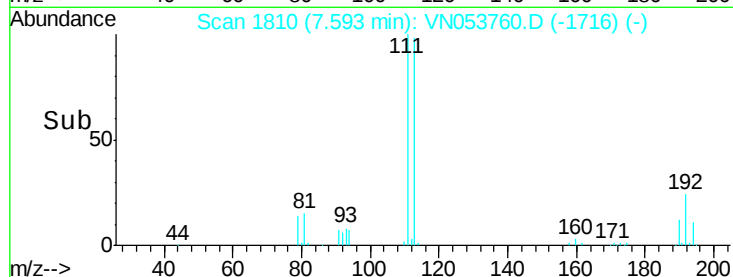
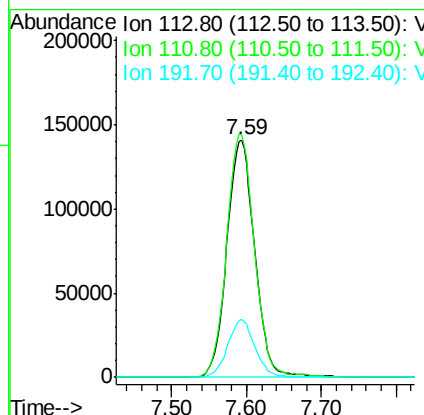
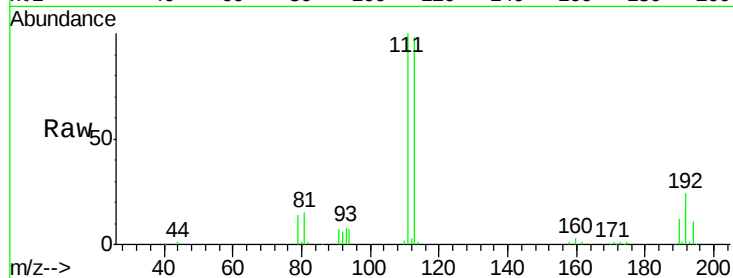




#35
 Dibromofluoromethane
 Concen: 49.764 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053760.D
 Acq: 13 Feb 2019 17:29

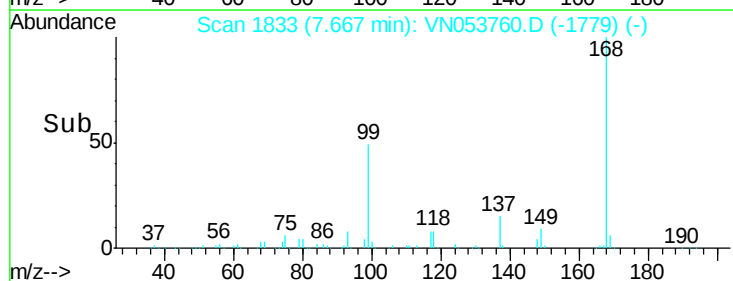
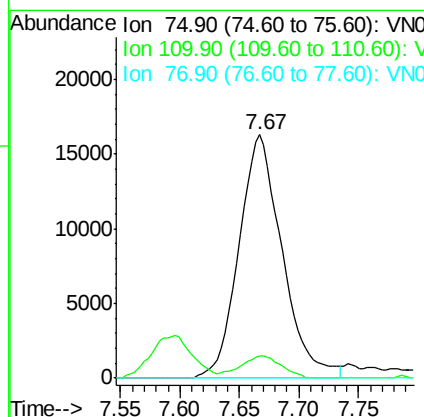
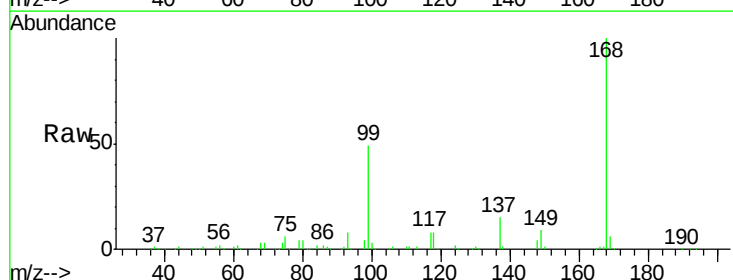
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-J

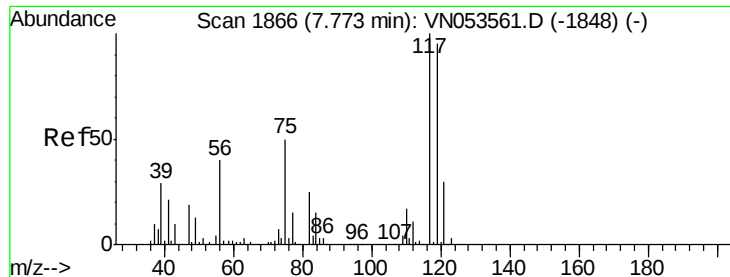
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	23.8	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 3.933 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053760.D
 Acq: 13 Feb 2019 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.3#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.205 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-J

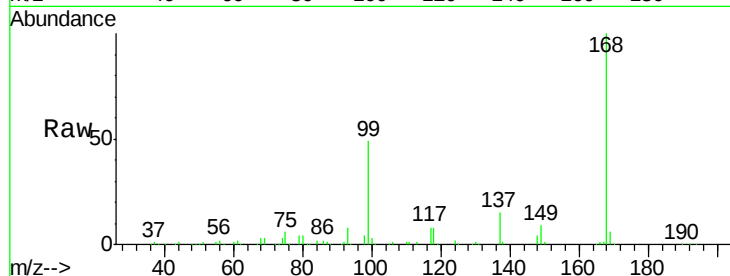
Tot Ion:117 Resp: 54612

Ion Ratio Lower Upper

117 100

119 5.0 77.2 115.8#

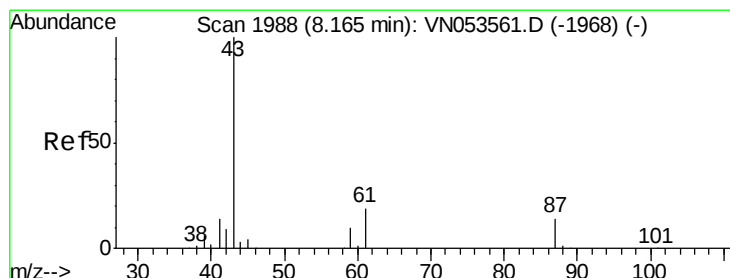
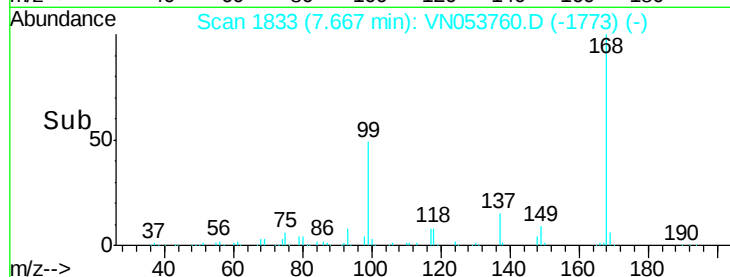
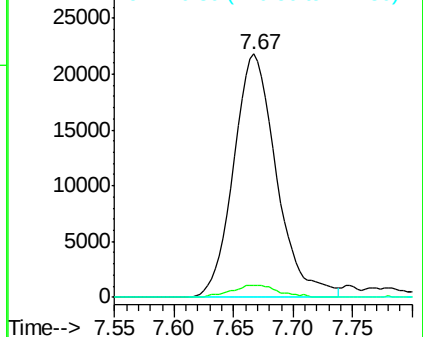
121 0.0 24.6 37.0#



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: 3.001 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

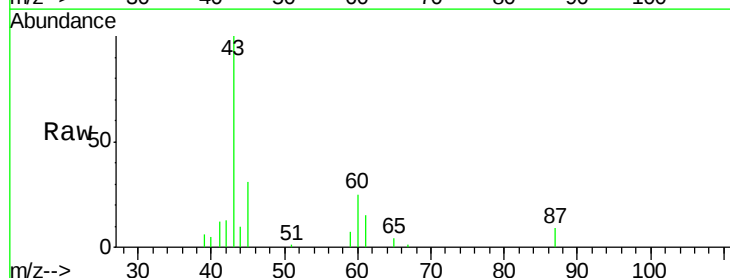
Tgt Ion: 43 Resp: 33718

Ion Ratio Lower Upper

43 100

61 14.4 23.9 35.9#

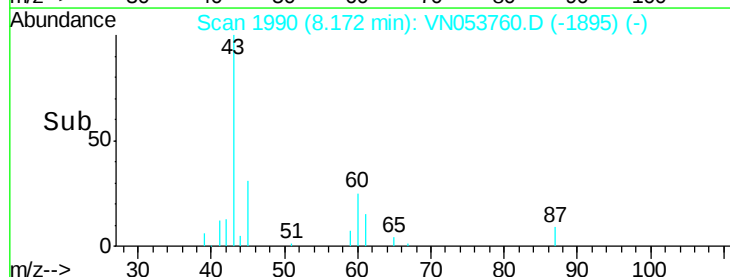
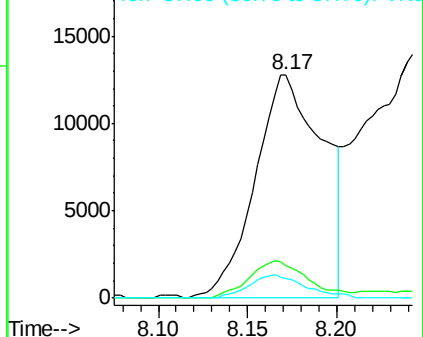
87 8.7 11.0 16.6#

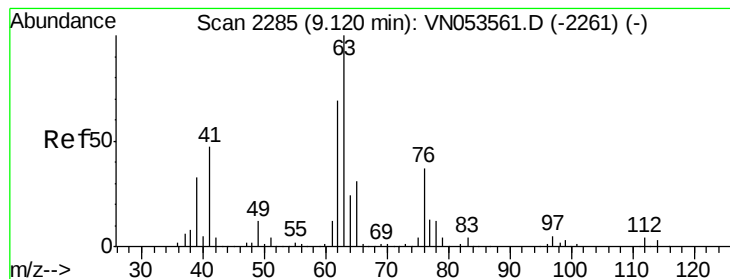


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.207 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

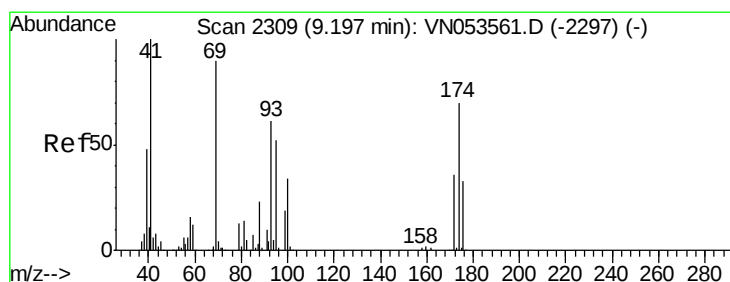
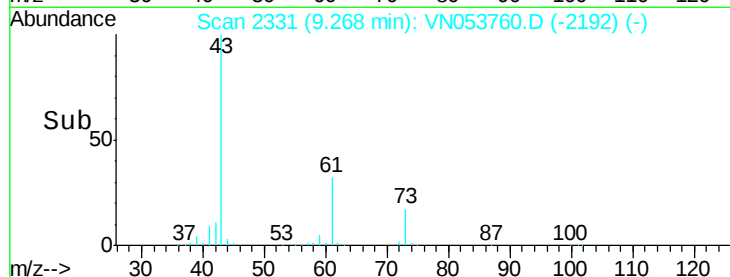
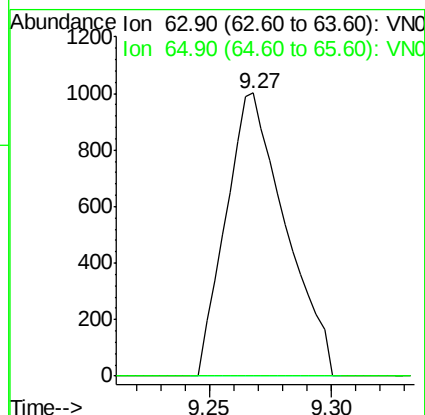
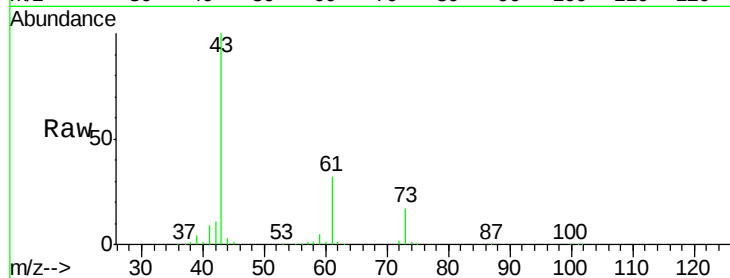
JC-02-021119-J

Tot Ion: 63 Resp: 1697

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#



#48

Methyl methacrylate

Concen: 1.567 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

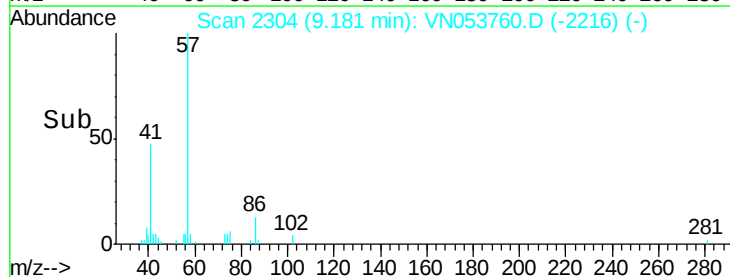
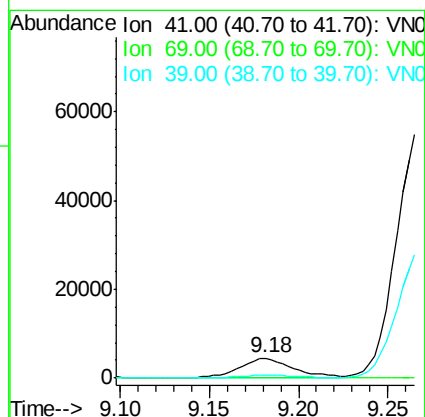
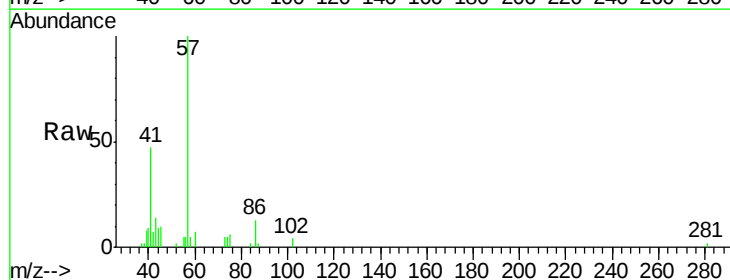
Tgt Ion: 41 Resp: 8403

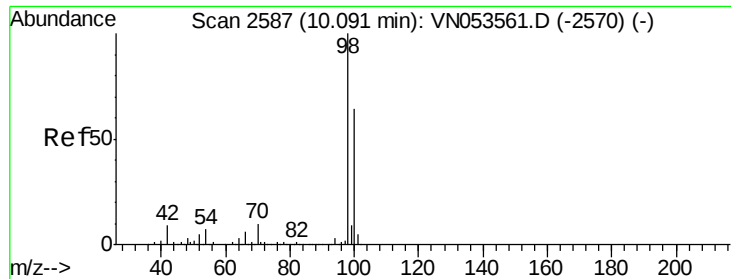
Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

39 0.0 40.0 60.0#

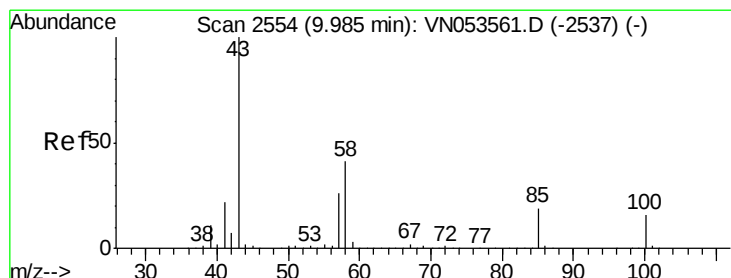
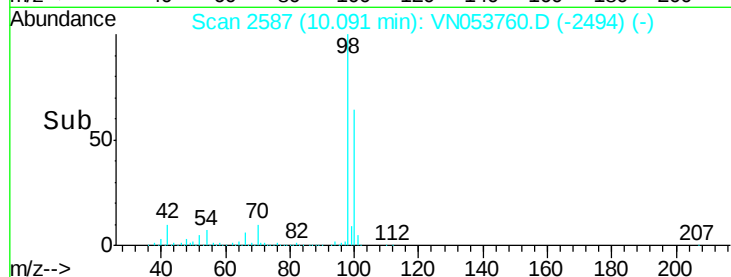
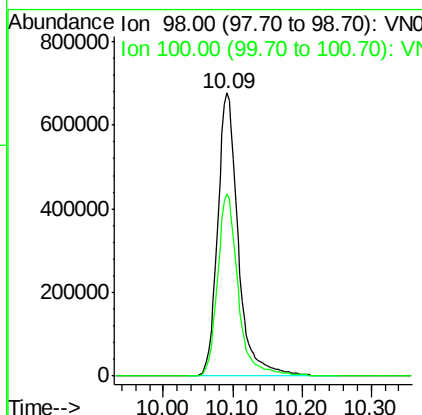
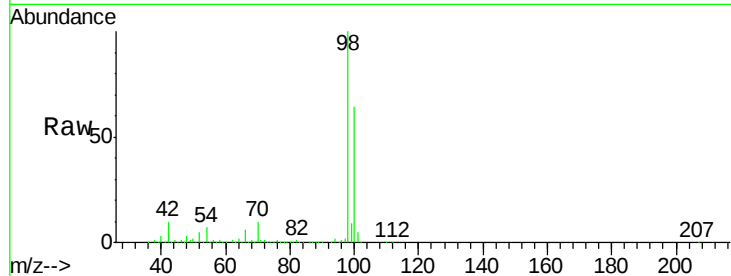




#50
Toluene-d8
Concen: 50.767 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053760.D
Acq: 13 Feb 2019 17:29

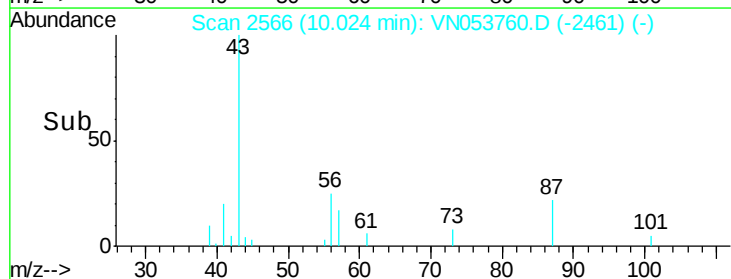
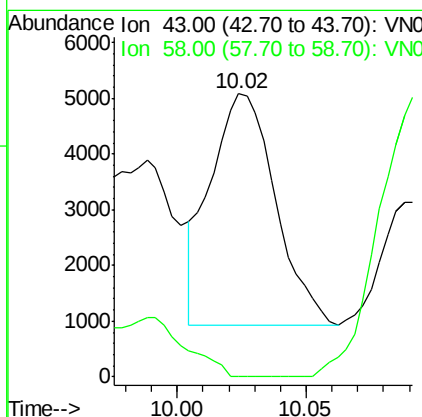
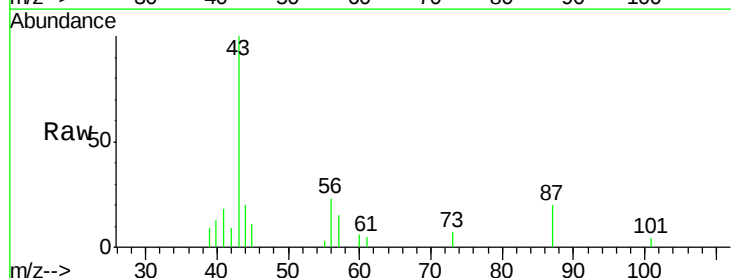
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-J

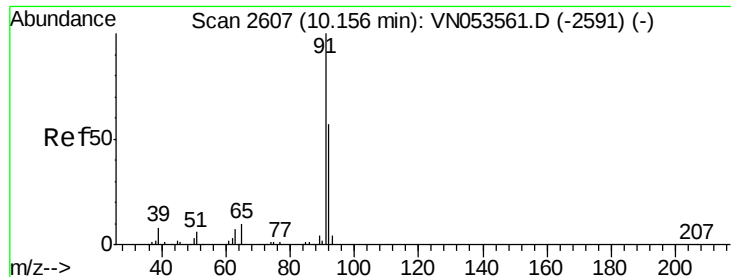
Tot Ion: 98 Resp: 1391768
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.319 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053760.D
Acq: 13 Feb 2019 17:29

Tgt Ion: 43 Resp: 7280
Ion Ratio Lower Upper
43 100
58 0.0 32.8 49.2#





#52

Toluene

Concen: 0.264 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

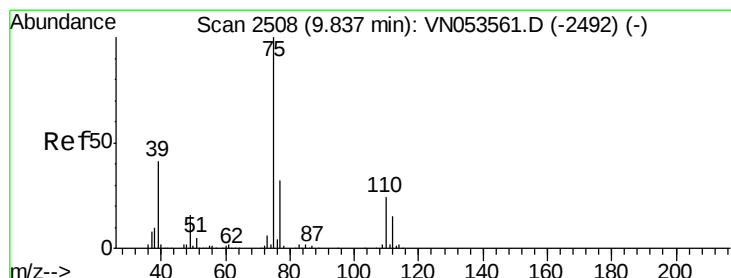
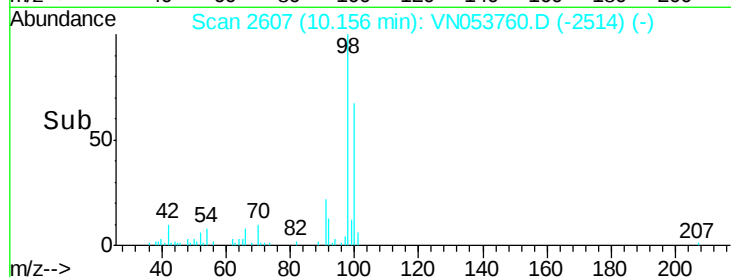
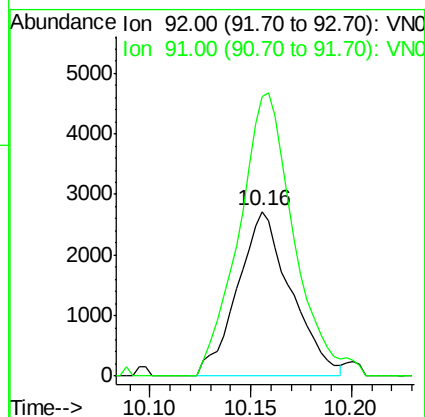
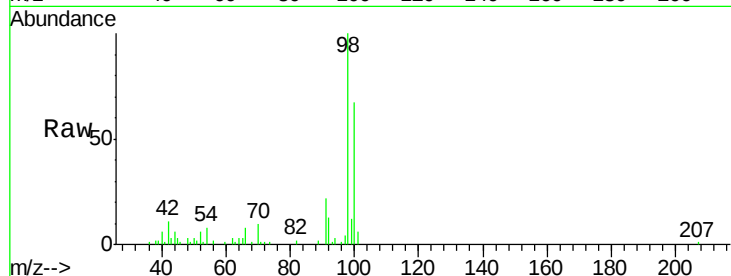
JC-02-021119-J

Tot Ion: 92 Resp: 5024

Ion Ratio Lower Upper

92 100

91 176.9 139.9 209.9



#54

cis-1,3-Dichloropropene

Concen: 5.165 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

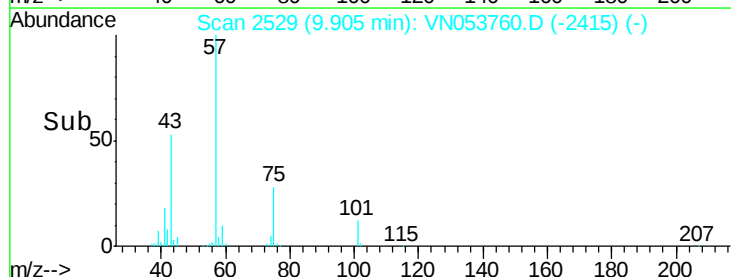
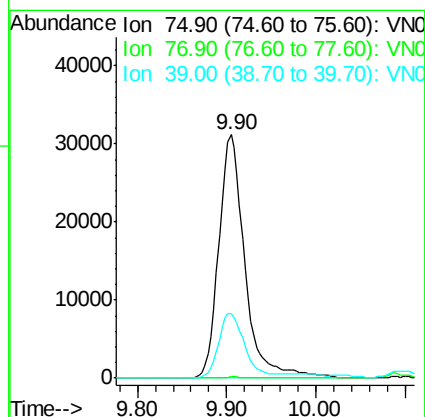
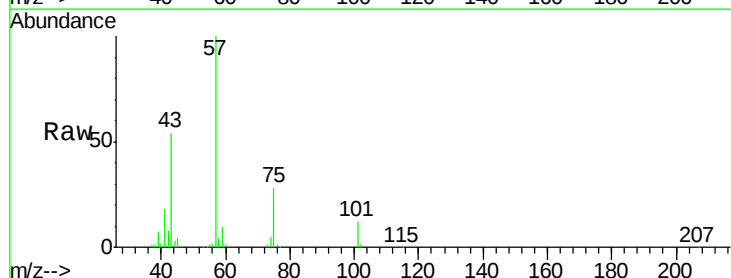
Tgt Ion: 75 Resp: 63105

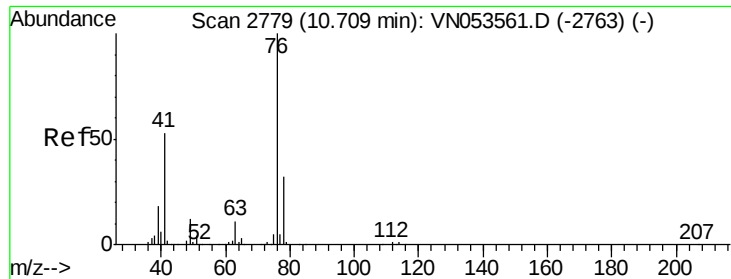
Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

39 26.3 33.4 50.0#

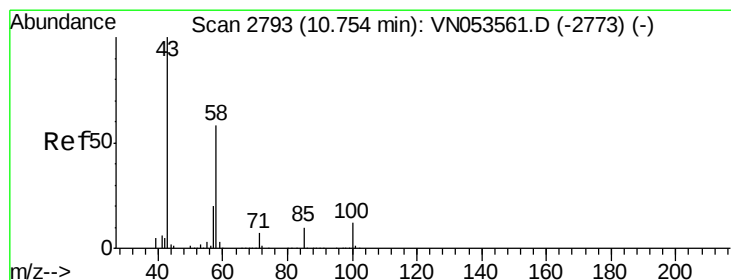
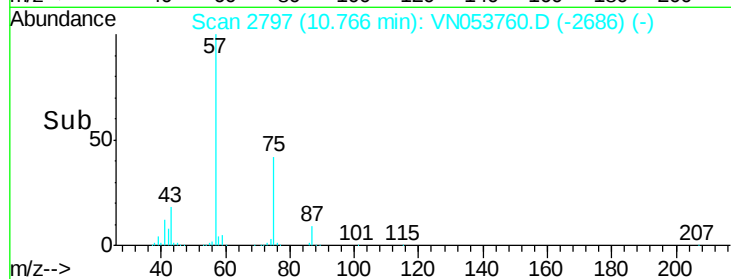
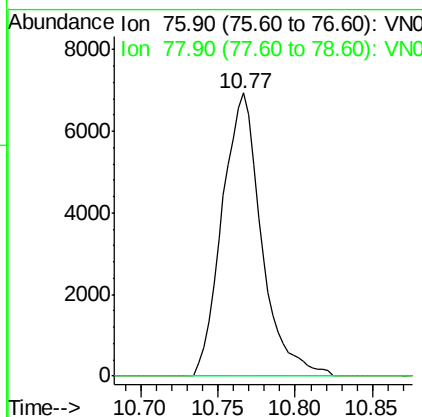
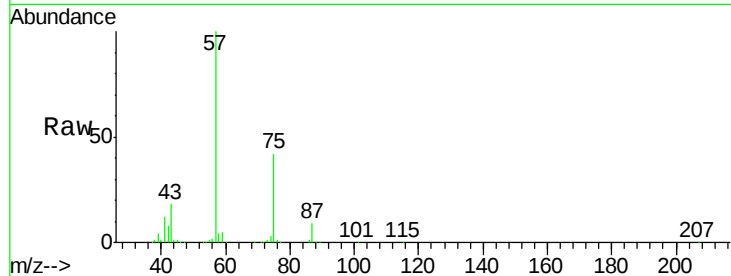




#57
 1,3-Dichloropropane
 Concen: 1.041 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN053760.D
 Acq: 13 Feb 2019 17:29

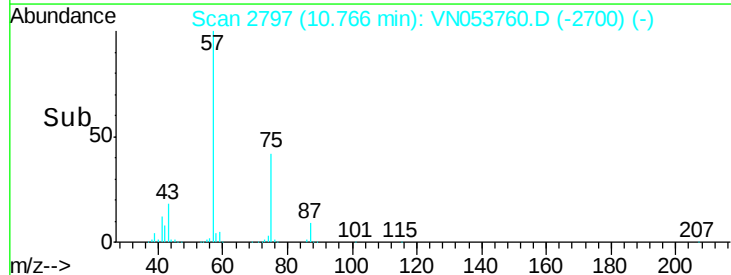
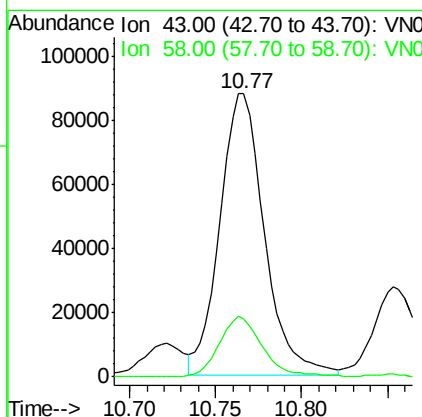
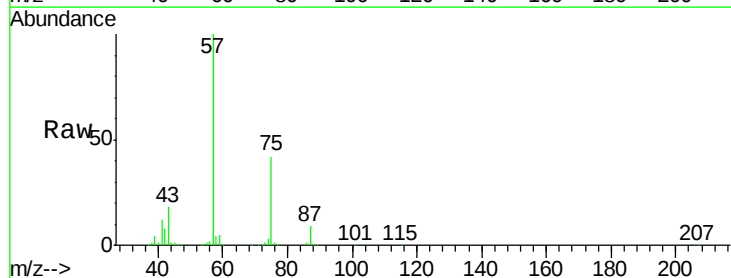
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-J

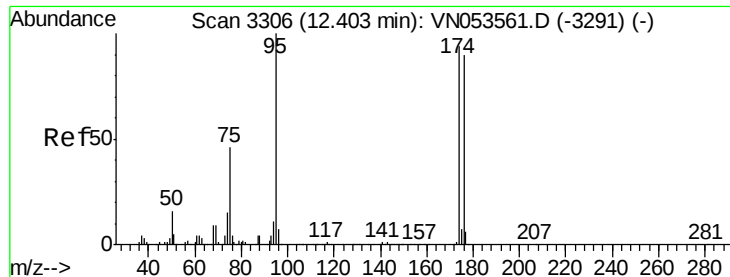
Tot Ion: 76 Resp: 12226
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 42.273 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN053760.D
 Acq: 13 Feb 2019 17:29

Tgt Ion: 43 Resp: 158434
 Ion Ratio Lower Upper
 43 100
 58 21.0 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: 48.345 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-J

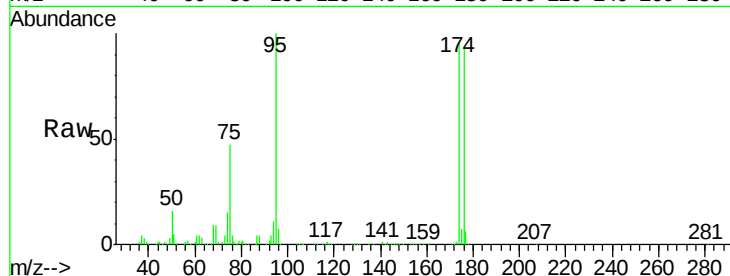
Tot Ion: 95 Resp: 442032

Ion Ratio Lower Upper

95 100

174 94.8 0.0 183.2

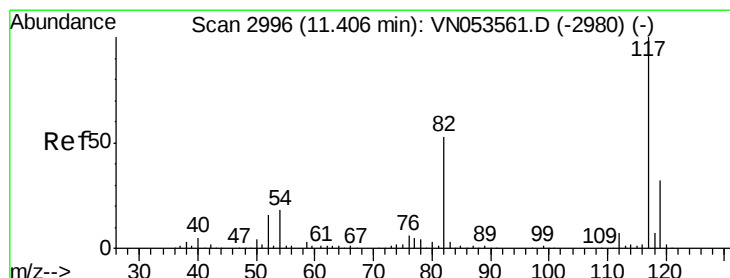
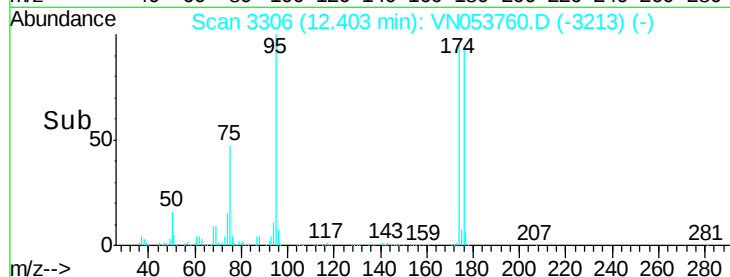
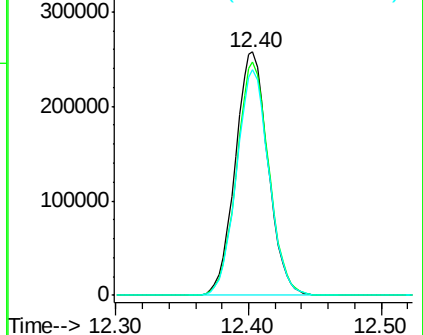
176 91.4 0.0 177.4



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# 2997

Delta R.T. 0.00 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

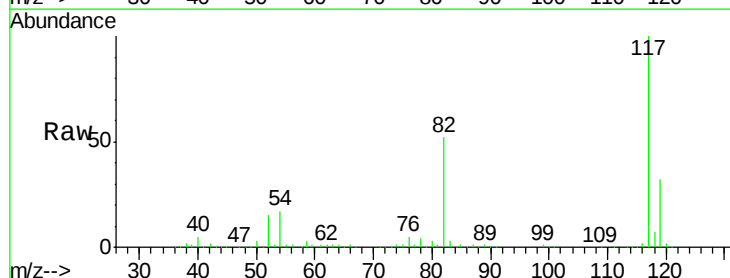
Tgt Ion: 117 Resp: 1048308

Ion Ratio Lower Upper

117 100

82 51.9 42.9 64.3

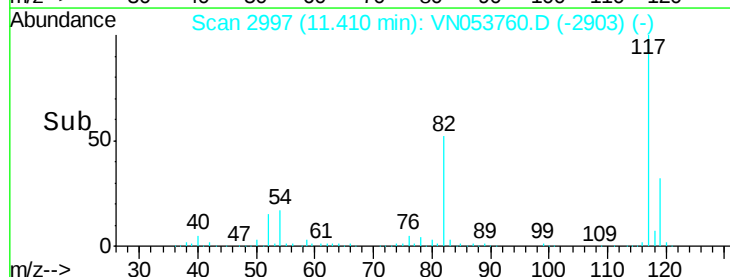
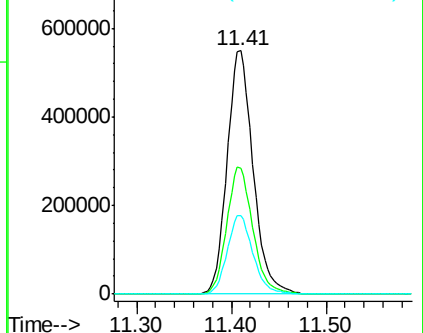
119 32.2 26.0 39.0

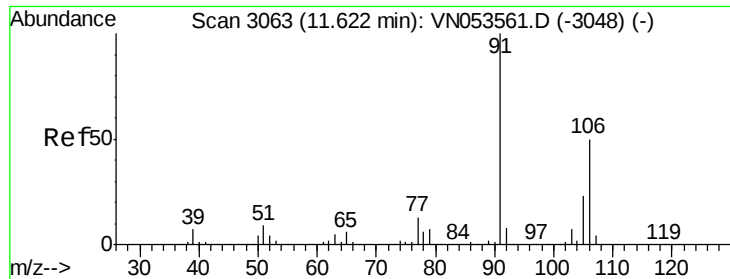


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

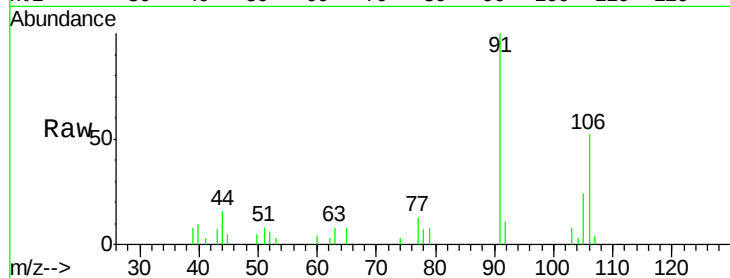




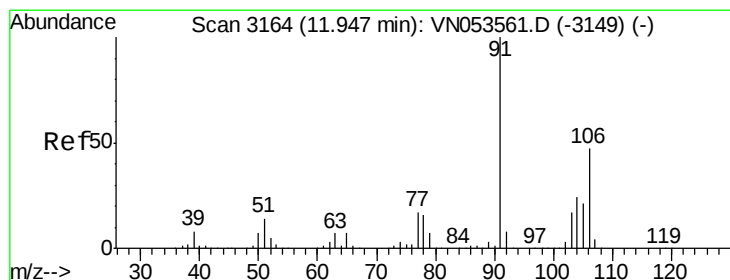
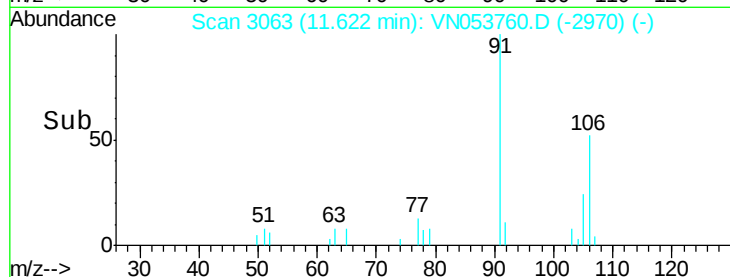
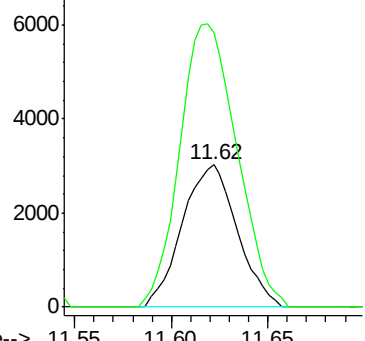
#68
m/p-Xvlenes
Concen: 0.427 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053760.D
Acq: 13 Feb 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-J

Tot Ion:106 Resp: 5967
Ion Ratio Lower Upper
106 100
91 206.7 161.4 242.2

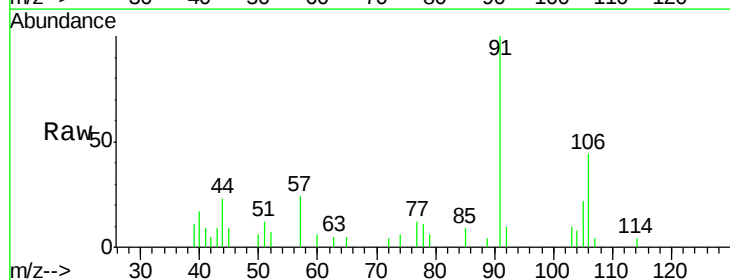


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

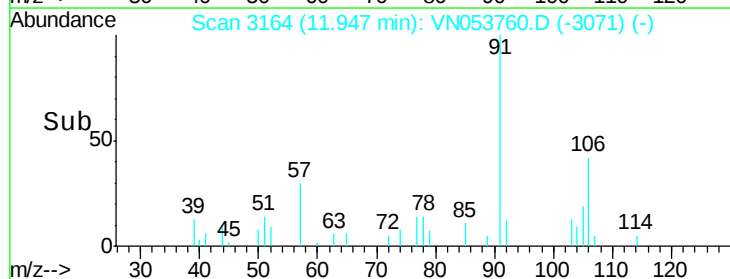
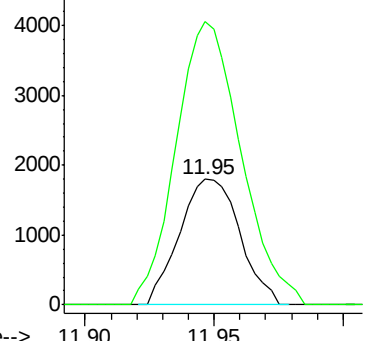


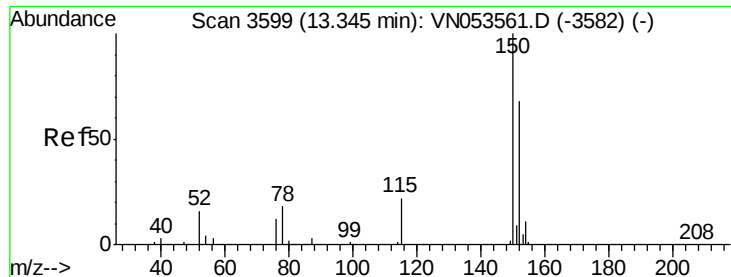
#69
o-Xylene
Concen: 0.218 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053760.D
Acq: 13 Feb 2019 17:29

Tgt Ion:106 Resp: 2935
Ion Ratio Lower Upper
106 100
91 242.5 106.9 320.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-J

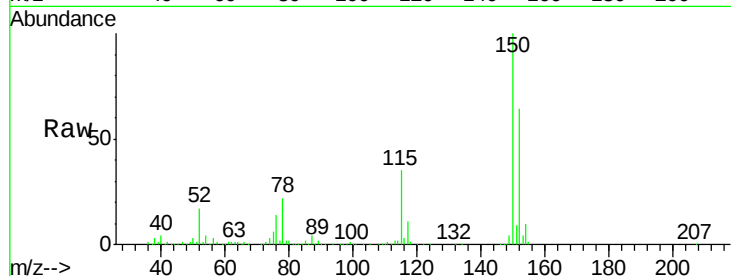
Tot Ion:152 Resp: 404501

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

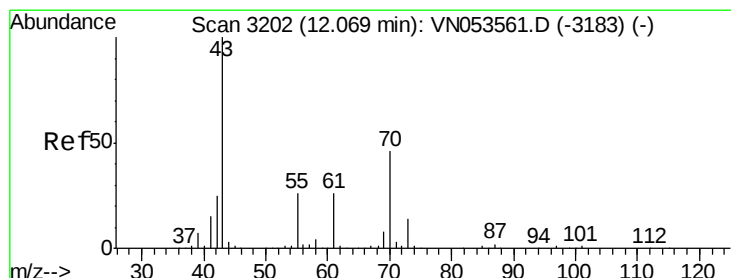
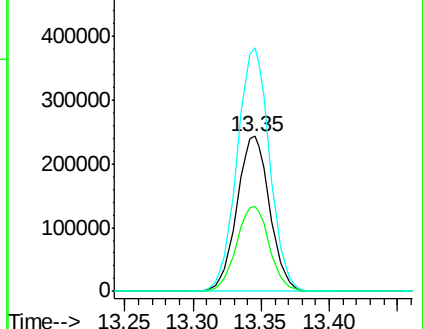
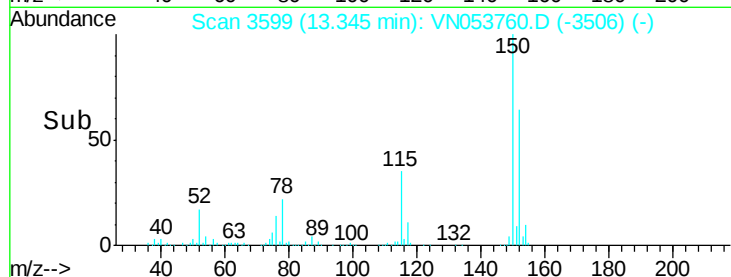
150 156.4 0.0 349.0



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



#74

N-ethyl acetate

Concen: 2.384 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

Tgt Ion: 43 Resp: 16304

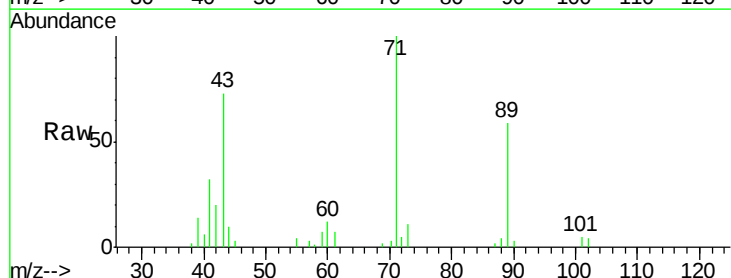
Ion Ratio Lower Upper

43 100

70 2.1 35.4 53.2#

55 5.5 20.9 31.3#

61 10.0 20.5 30.7#

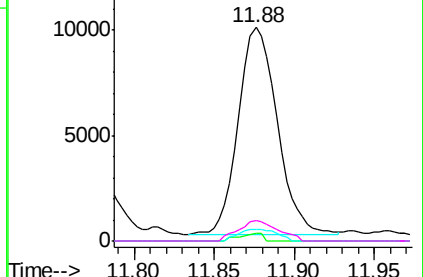
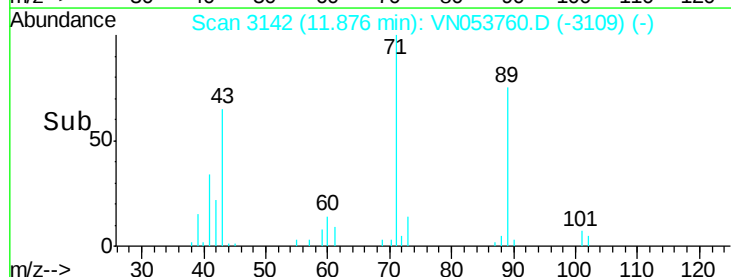


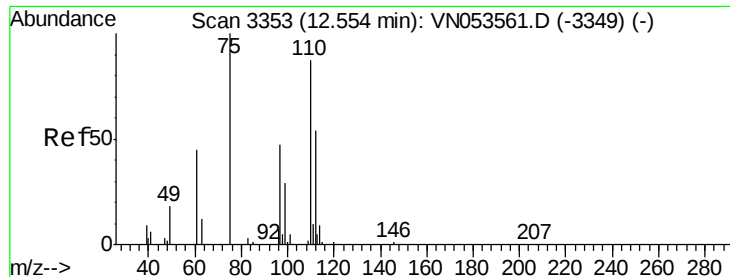
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 39.654 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

Instrument :

MSVOA_N

ClientSampled :

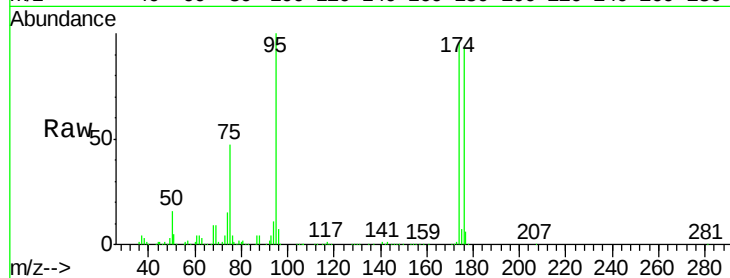
JC-02-021119-J

Tot Ion: 75 Resp: 206027

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

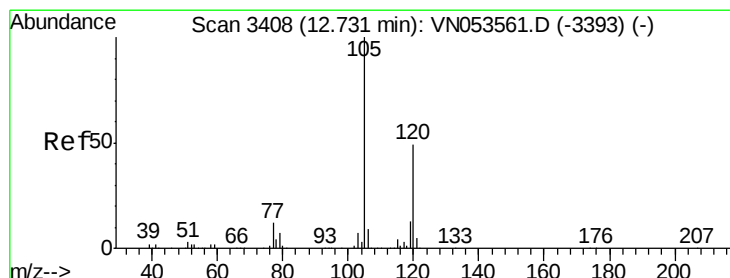
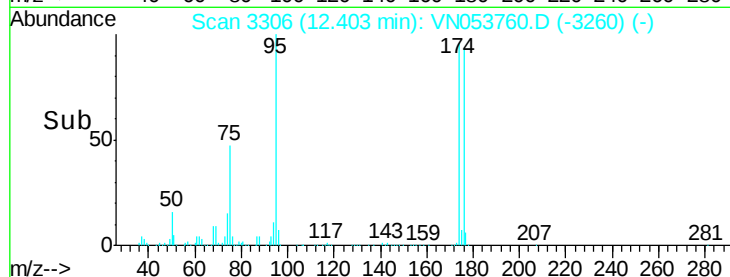
Ion 77.00 (76.70 to 77.70): VN0

12.40

100000

50000

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.371 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053760.D

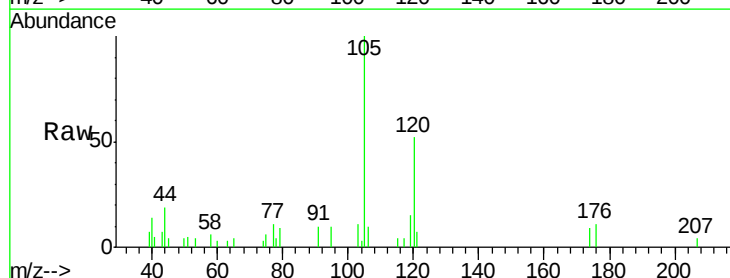
Acq: 13 Feb 2019 17:29

Tgt Ion:105 Resp: 8752

Ion Ratio Lower Upper

105 100

120 54.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

6000

5000

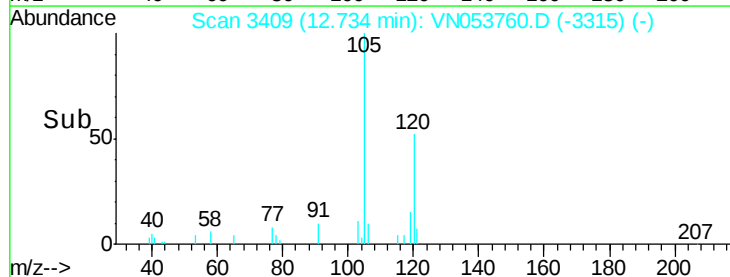
4000

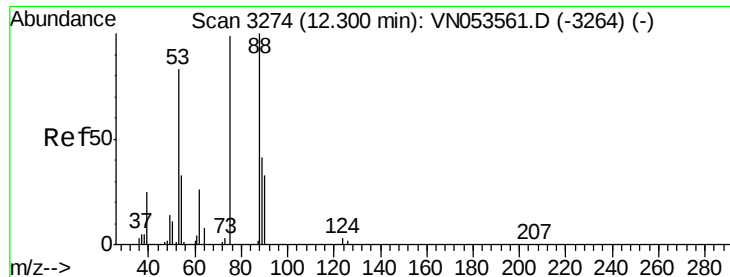
3000

2000

1000

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 111.505 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-J

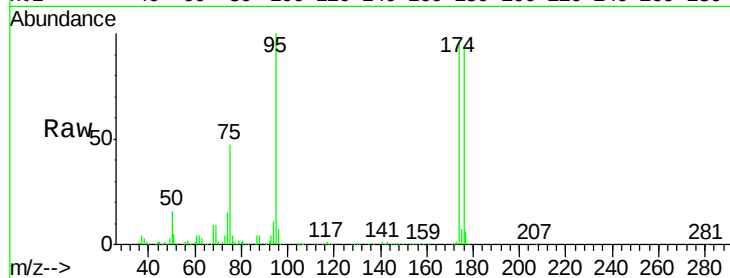
Tot Ion: 75 Resp: 206027

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

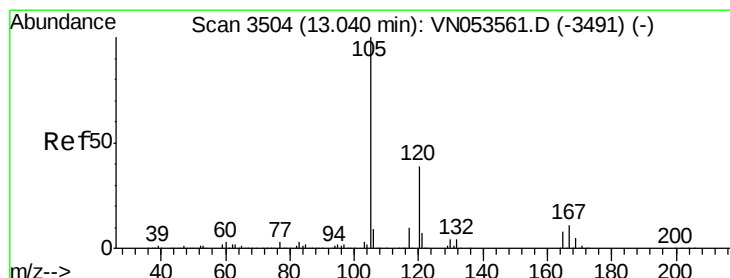
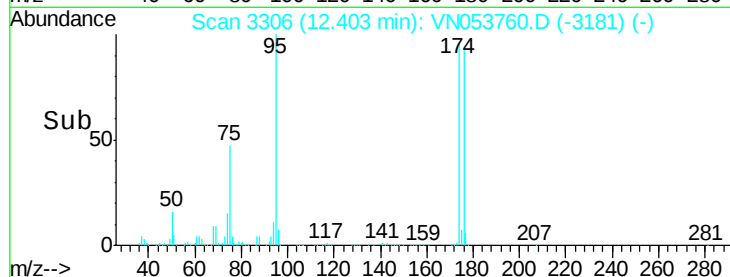
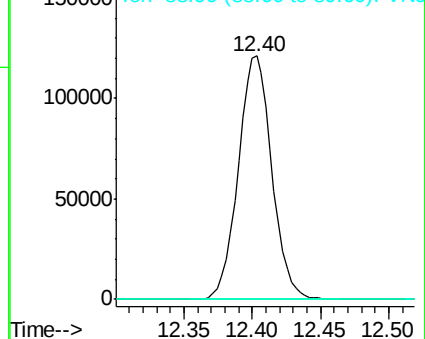
89 0.0 35.6 53.4#



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: 0.759 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053760.D

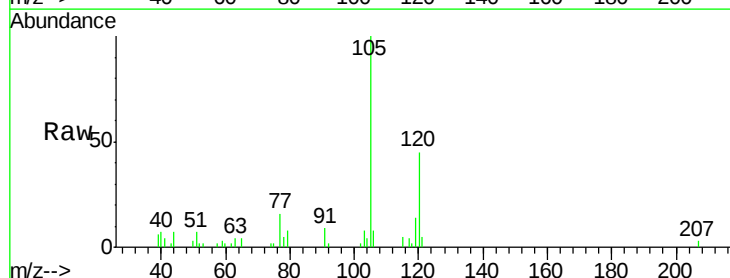
Acq: 13 Feb 2019 17:29

Tgt Ion: 105 Resp: 18223

Ion Ratio Lower Upper

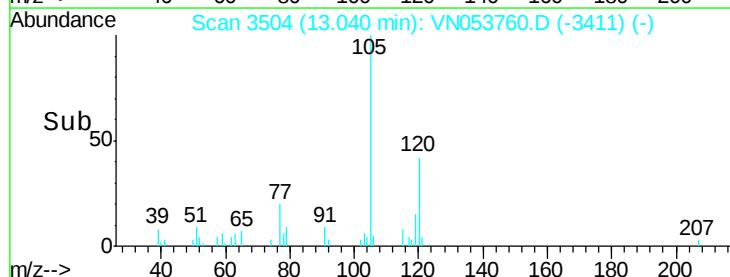
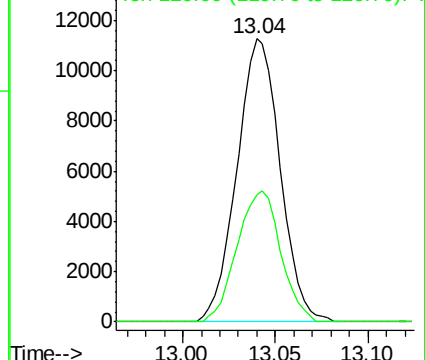
105 100

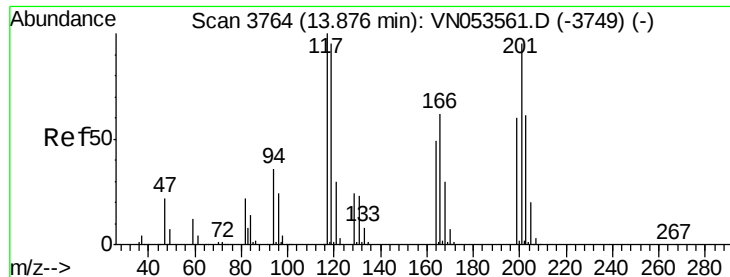
120 46.5 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.243 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

Instrument :

MSVOA_N

ClientSampled :

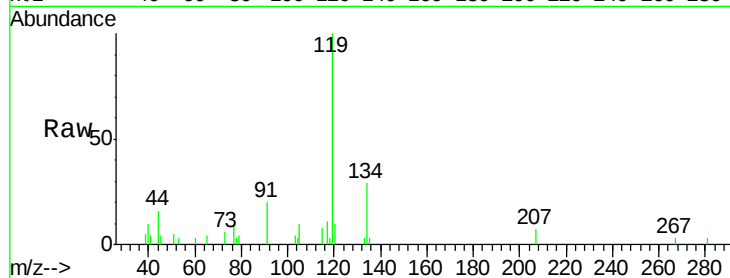
JC-02-021119-J

Tot Ion:117 Resp: 995

Ion Ratio Lower Upper

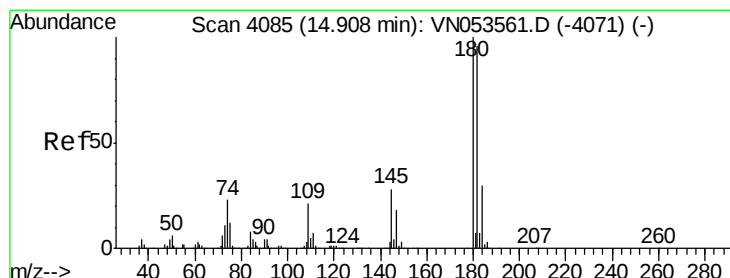
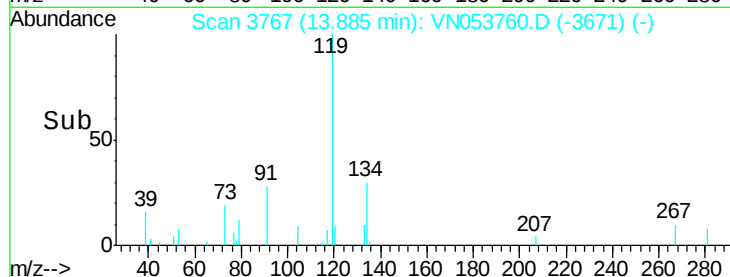
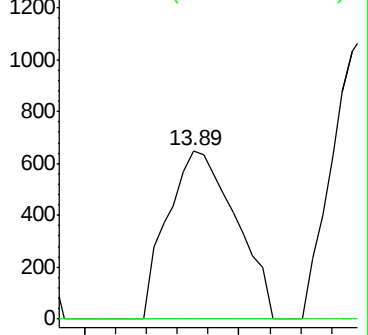
117 100

201 0.0 46.8 140.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 0.297 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053760.D

Acq: 13 Feb 2019 17:29

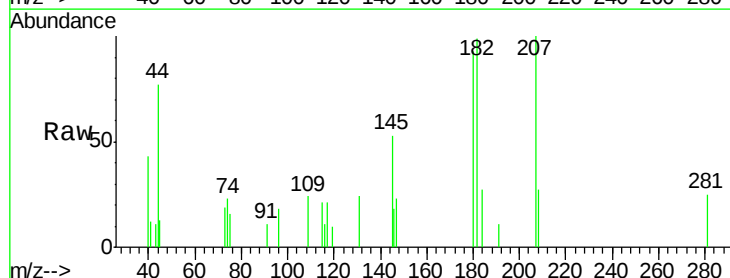
Tgt Ion:180 Resp: 2247

Ion Ratio Lower Upper

180 100

182 101.4 48.1 144.3

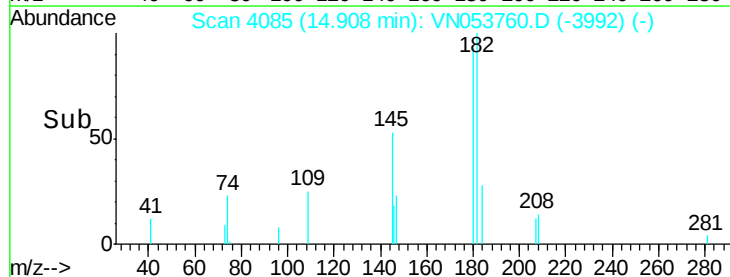
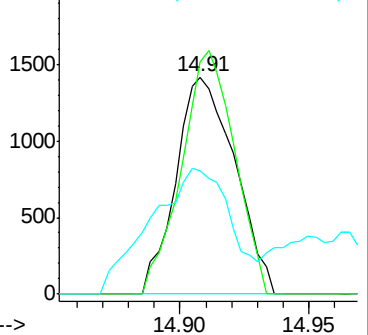
145 79.6 13.9 41.6#

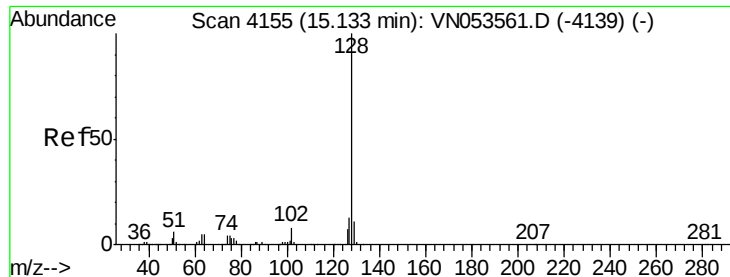


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

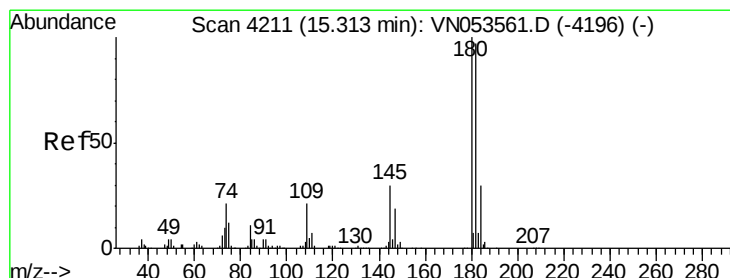
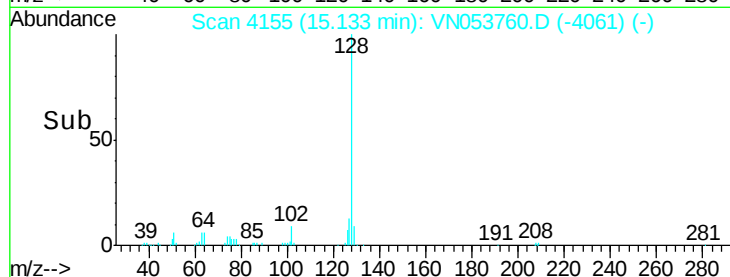
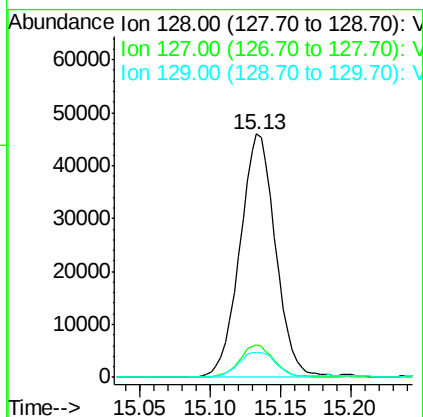
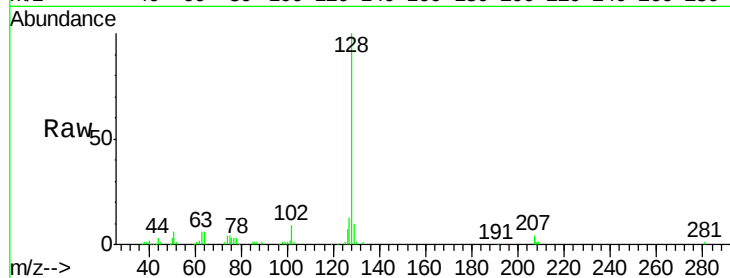




#95
Naphthalene
Concen: 6.156 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053760.D
Acq: 13 Feb 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-J

Tot Ion:128 Resp: 81366
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.351 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053760.D
Acq: 13 Feb 2019 17:29

Tgt Ion:180 Resp: 2464
Ion Ratio Lower Upper
180 100
182 85.9 47.9 143.8
145 46.5 14.7 44.1#

