

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053757.D
 Acq On : 13 Feb 2019 16:09
 Operator : JC/SP
 Sample : K1343-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 14 00:13:55 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	681227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1119216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1056180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	457458	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	362980	53.11	ug/l	0.00
Spiked Amount			Recovery	=	106.22%	
35) Dibromofluoromethane	7.59	113	358867	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
50) Toluene-d8	10.09	98	1372788	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.40	95	464247	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	231	0.571	ug/l #	72
14) Allyl chloride	4.56	41	15879	1.581	ug/l #	27
16) Acetone	3.82	43	93567	53.377	ug/l	100
18) Methyl Acetate	4.32	43	1558	0.300	ug/l #	68
20) Methylene Chloride	4.56	84	400075	54.400	ug/l	96
25) 2-Butanone	6.84	43	2960	1.184	ug/l	91
29) Tetrahydrofuran	7.22	42	1041	0.648	ug/l #	77
31) Cyclohexane	7.67	56	9568	0.661	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	39077	3.873	ug/l #	50
38) Carbon Tetrachloride	7.67	117	54770	5.389	ug/l #	16
41) Methacrylonitrile	7.22	41	820	0.260	ug/l #	37
43) Isopropyl Acetate	8.17	43	35339	3.247	ug/l #	78
45) 1,2-Dichloropropane	9.27	63	1760	0.221	ug/l #	43
48) Methyl methacrylate	9.18	41	9373	1.804	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	8178	1.529	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	62619	5.291	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	12724	1.119	ug/l #	43
59) 2-Hexanone	10.76	43	163674	45.087	ug/l #	50
67) Ethyl Benzene	11.51	91	177404	4.814	ug/l	99
68) m/p-Xylenes	11.62	106	356284	25.331	ug/l	99
69) o-Xylene	11.95	106	164647	12.117	ug/l	99
70) Styrene	11.95	104	10554	0.479	ug/l #	1
71) Bromoform	12.40	173	1758	0.327	ug/l #	1
73) Isopropylbenzene	12.25	105	8455	0.263	ug/l	97
76) 1,2,3-Trichloropropane	12.40	75	216919	36.918	ug/l #	100
78) n-propylbenzene	12.59	91	56962	1.532	ug/l	99
79) 2-Chlorotoluene	12.65	91	38454	1.743	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	231502	8.681	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	216919	103.809	ug/l #	15
82) 4-Chlorotoluene	12.73	91	24012	1.061	ug/l #	39
83) tert-Butylbenzene	13.04	119	158172	6.711	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.04	105	1247767	45.926	ug/l	99
85) sec-Butylbenzene	13.04	105	1247767	38.904	ug/l #	56
86) p-Isopropyltoluene	13.23	119	18828	0.671	ug/l	96

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QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

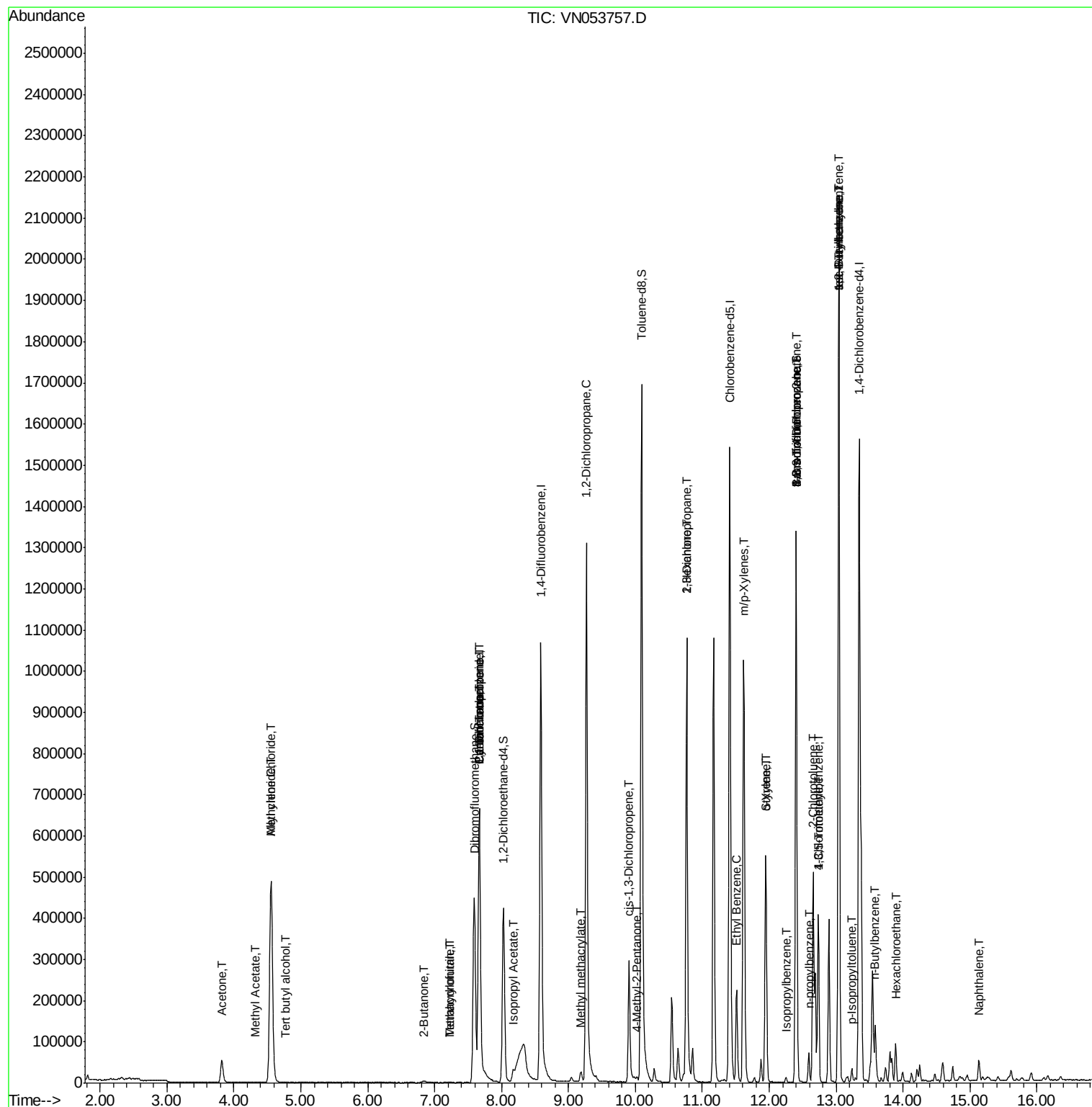
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.58	91	6379	0.263	ug/l #	1
90) Hexachloroethane	13.89	117	5517	1.192	ug/l #	3
95) Naphthalene	15.13	128	45959	3.944	ug/l	99

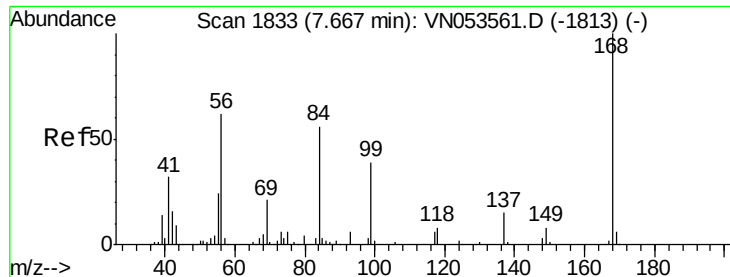
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

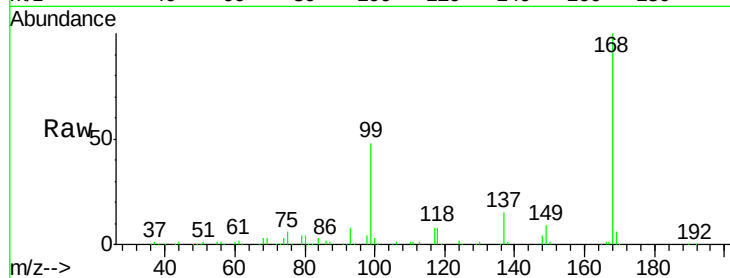
JC-02-021119-H

Tot Ion:168 Resp: 681227

Ion Ratio Lower Upper

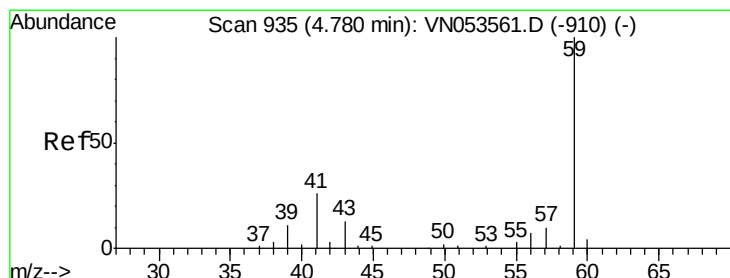
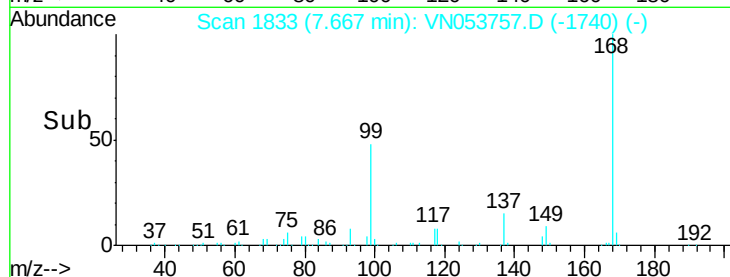
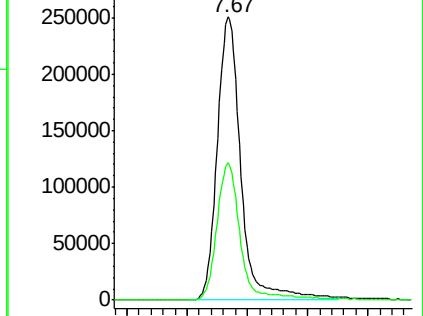
168 100

99 48.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.571 ug/l

RT: 4.76 min Scan# 929

Delta R.T. -0.02 min

Lab File: VN053757.D

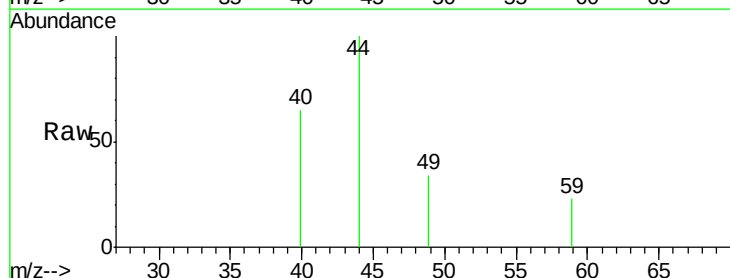
Acq: 13 Feb 2019 16:09

Tgt Ion: 59 Resp: 231

Ion Ratio Lower Upper

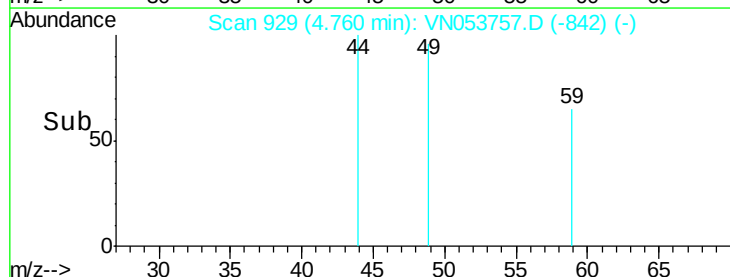
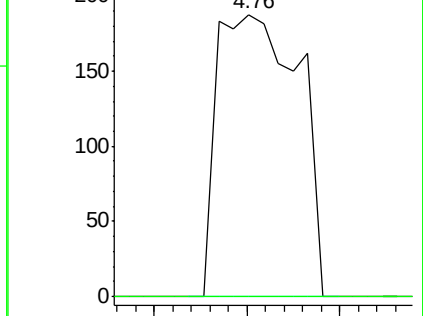
59 100

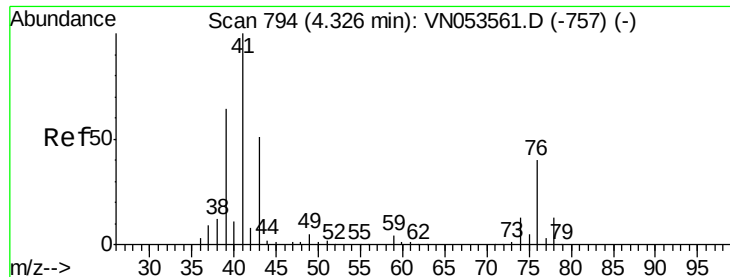
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#14

Allvl chloride

Concen: 1.581 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.23 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-H

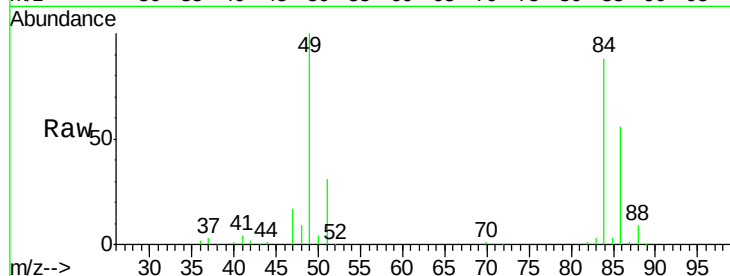
Tot Ion: 41 Resp: 15879

Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

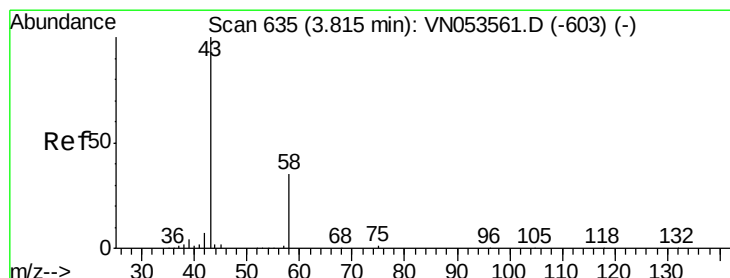
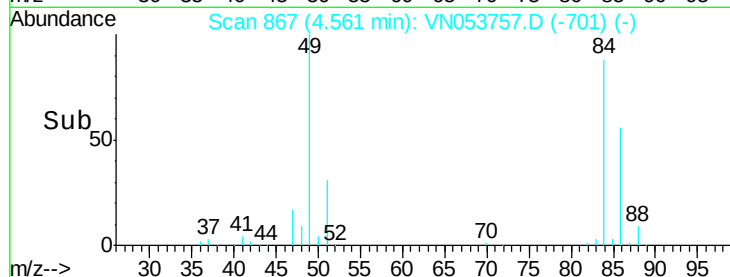
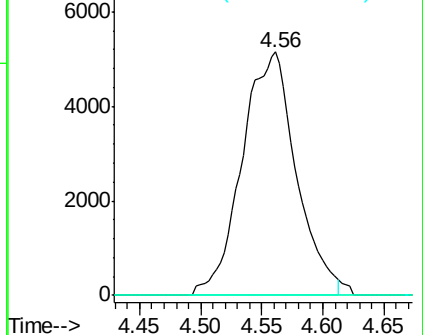
76 0.0 29.4 44.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 53.377 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053757.D

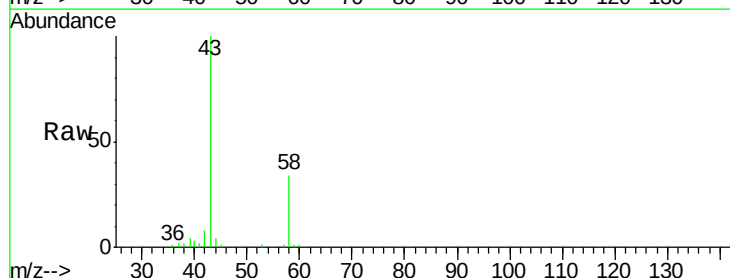
Acq: 13 Feb 2019 16:09

Tgt Ion: 43 Resp: 93567

Ion Ratio Lower Upper

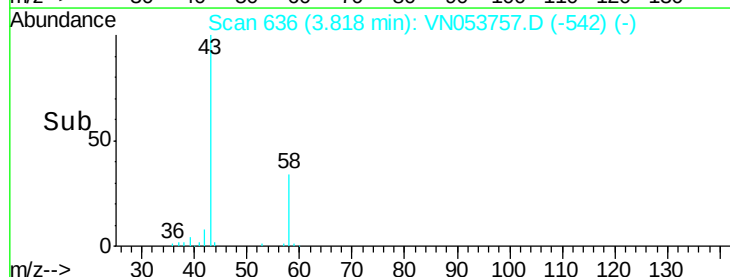
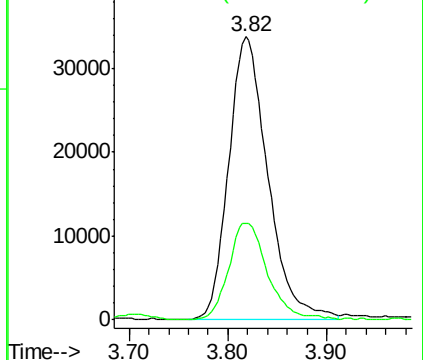
43 100

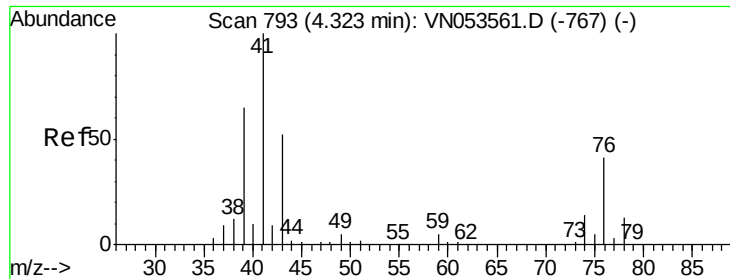
58 34.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: 0.300 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

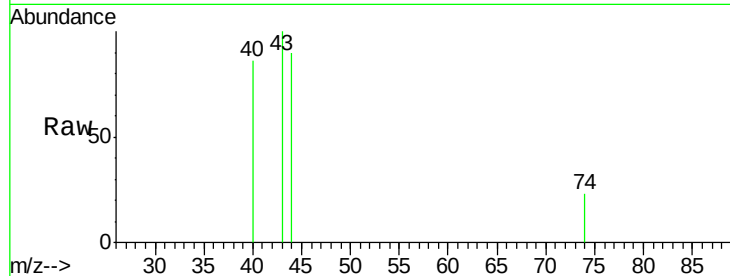
JC-02-021119-H

Tot Ion: 43 Resp: 1558

Ion Ratio Lower Upper

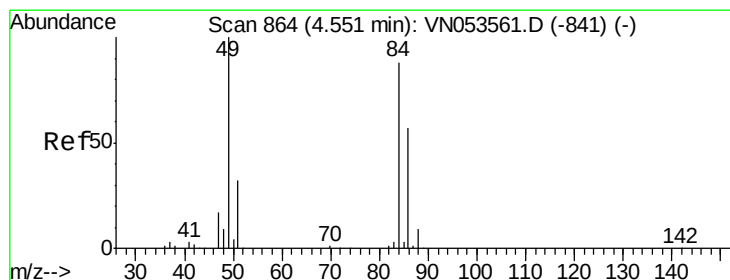
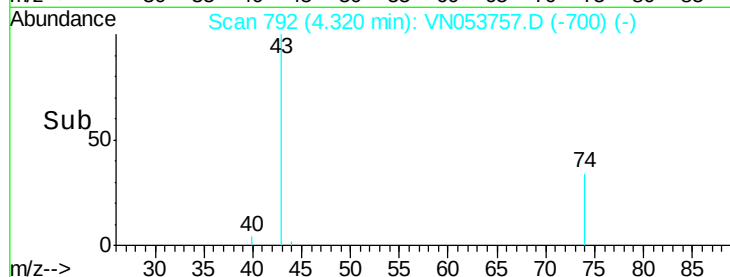
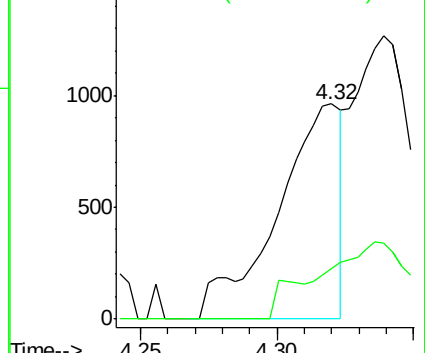
43 100

74 8.2 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 54.400 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Tgt Ion: 84 Resp: 400075

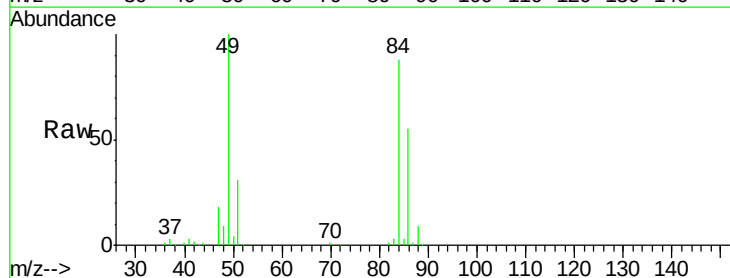
Ion Ratio Lower Upper

84 100

49 113.0 94.3 141.5

51 34.7 29.4 44.2

86 61.9 51.4 77.0

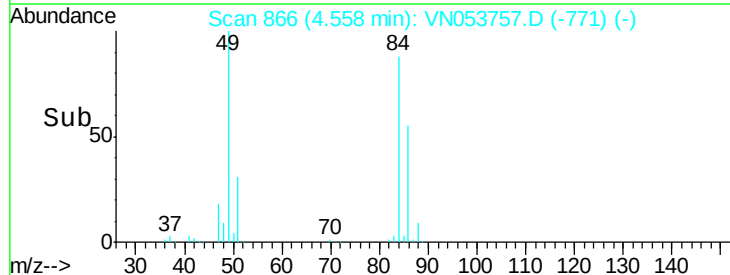
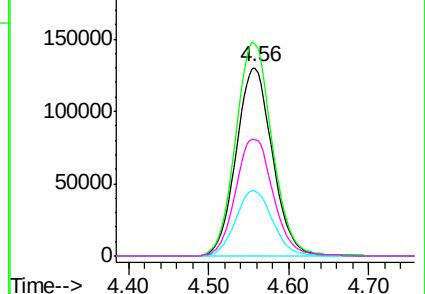


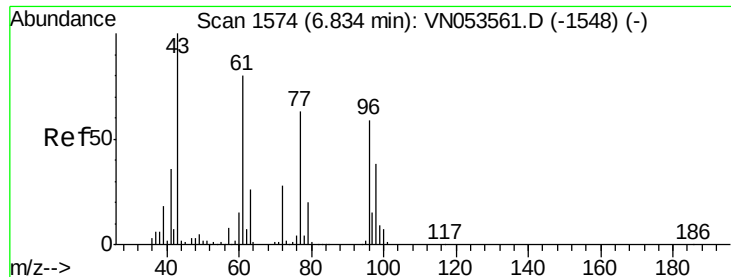
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

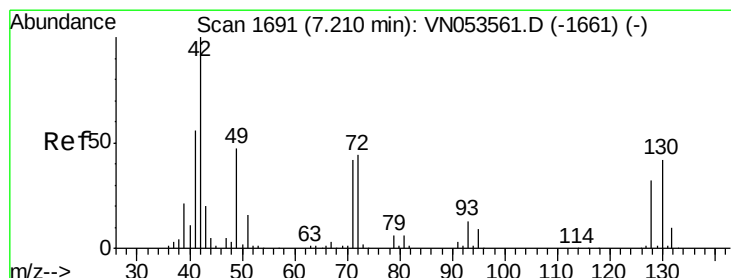
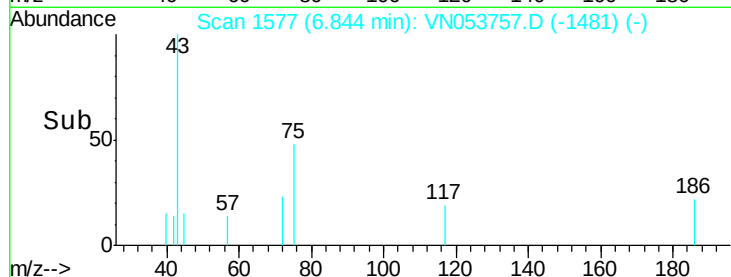
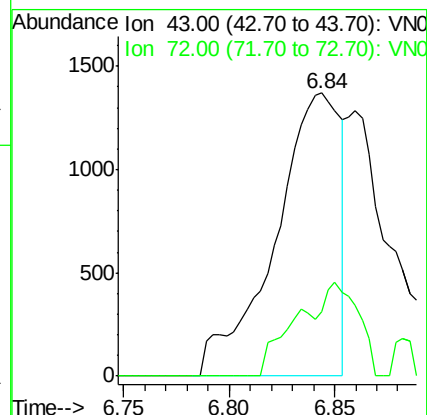
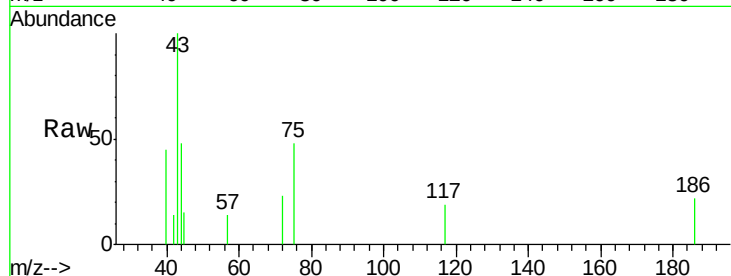




#25
2-Butanone
Concen: 1.184 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

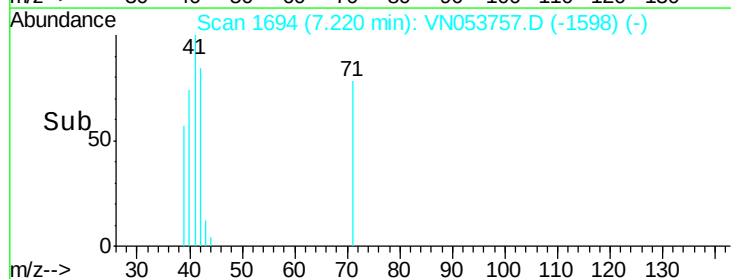
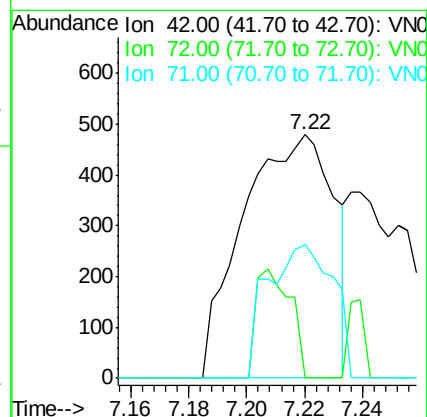
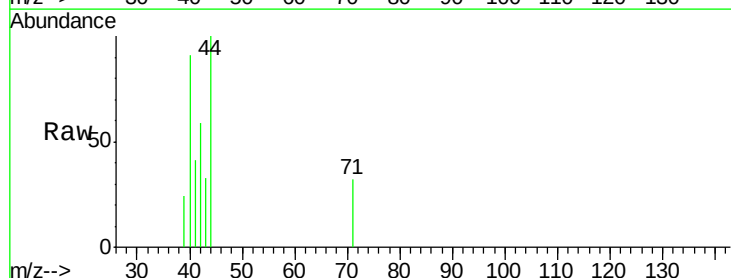
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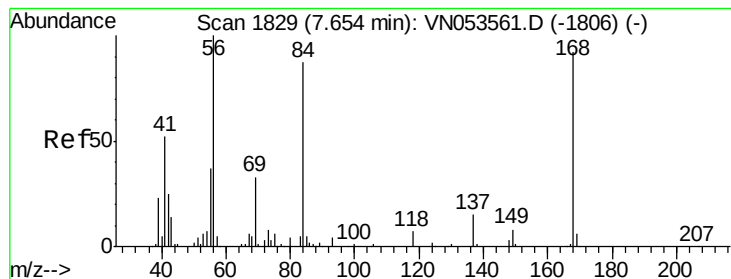
Tot Ion: 43 Resp: 2960
Ion Ratio Lower Upper
43 100
72 22.7 22.0 33.0



#29
Tetrahydrofuran
Concen: 0.648 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

Tgt Ion: 42 Resp: 1041
Ion Ratio Lower Upper
42 100
72 17.0 35.2 52.8#
71 39.5 33.0 49.4





#31

Cyclohexane

Concen: 0.661 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-H

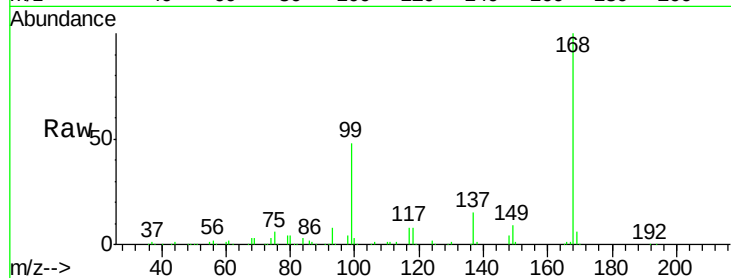
Tot Ion: 56 Resp: 9568

Ion Ratio Lower Upper

56 100

69 203.2 26.4 39.6#

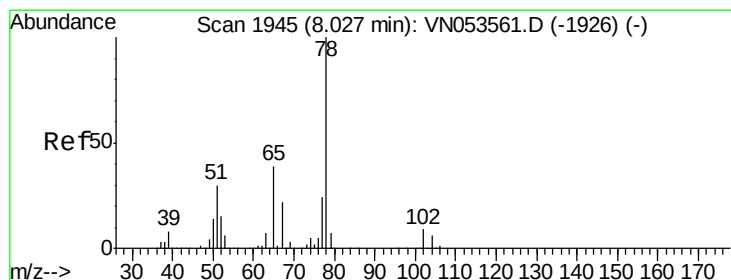
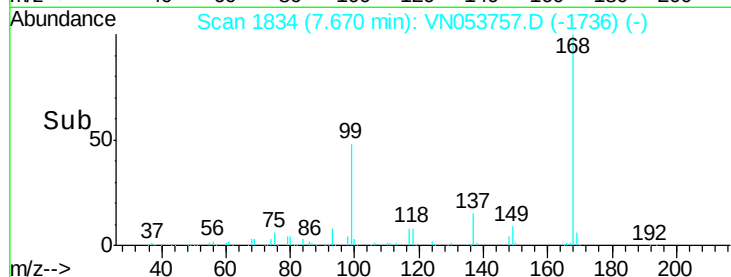
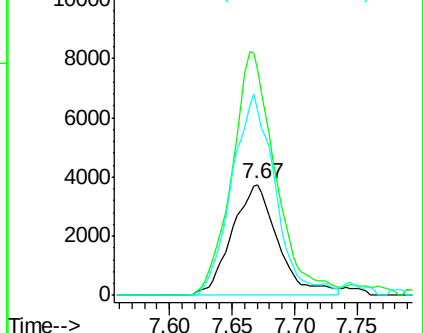
84 167.1 67.9 101.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.114 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053757.D

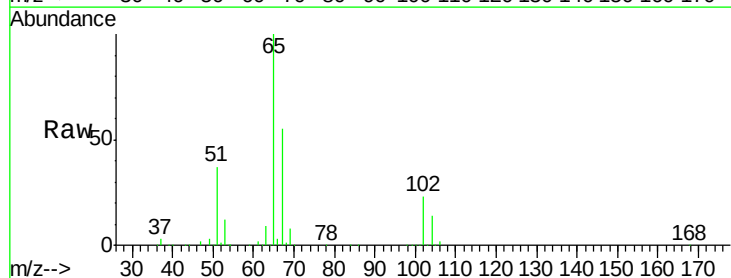
Acq: 13 Feb 2019 16:09

Tgt Ion: 65 Resp: 362980

Ion Ratio Lower Upper

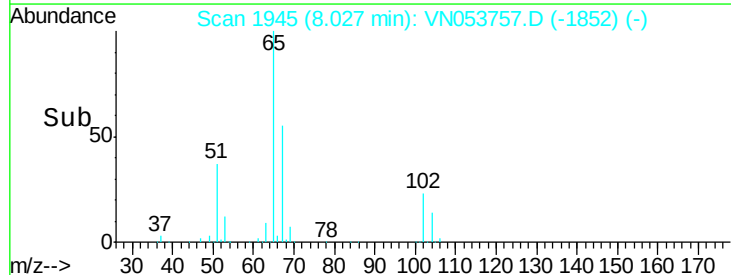
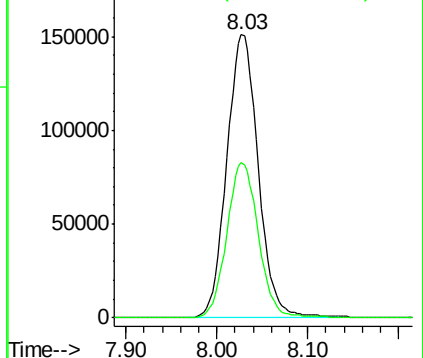
65 100

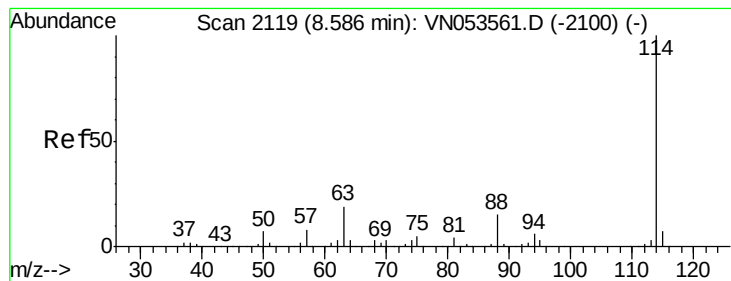
67 55.2 0.0 111.2



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: VN053757.D

Acq: 13 Feb 2019 16:09

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ClientSampleId :

JC-02-021119-H

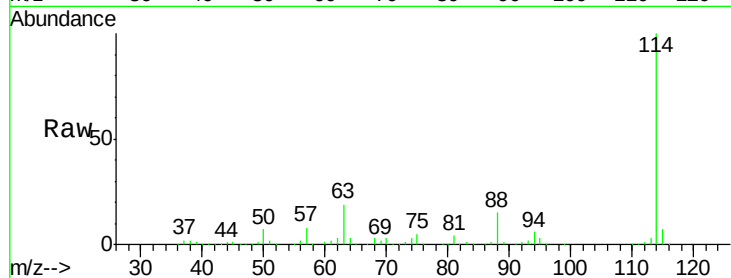
Tot Ion:114 Resp: 1119216

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

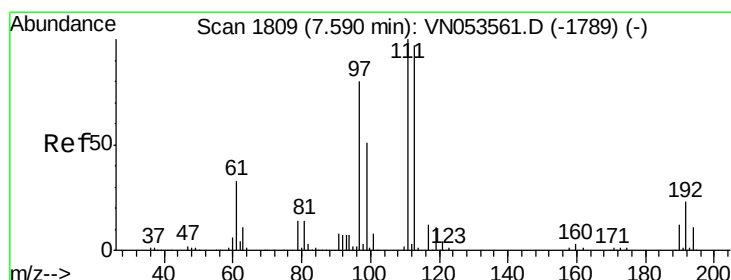
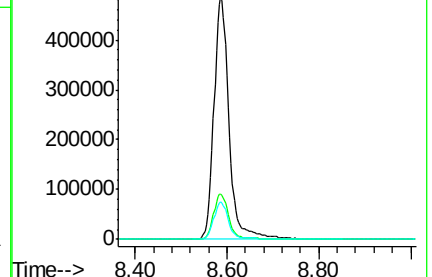
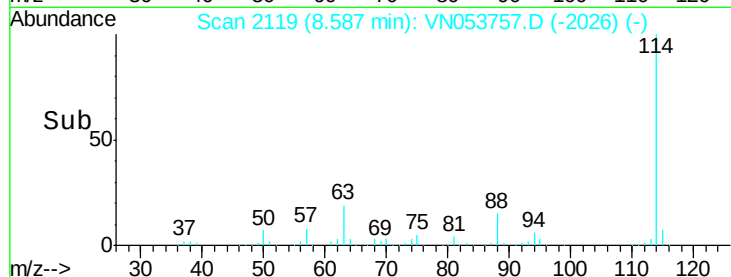
88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.745 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

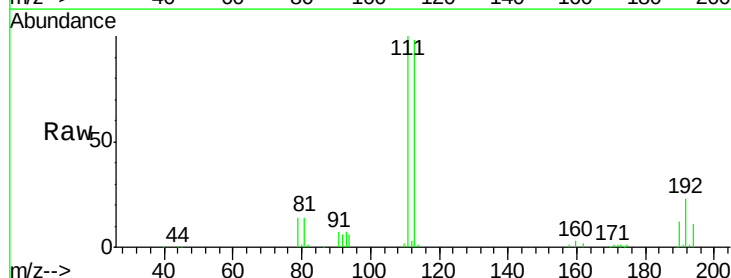
Tgt Ion:113 Resp: 358867

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

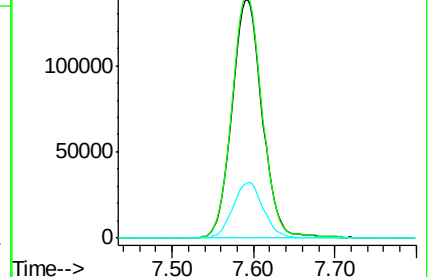
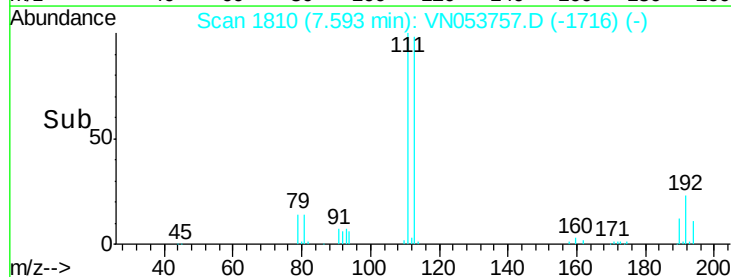
192 23.5 18.2 27.2

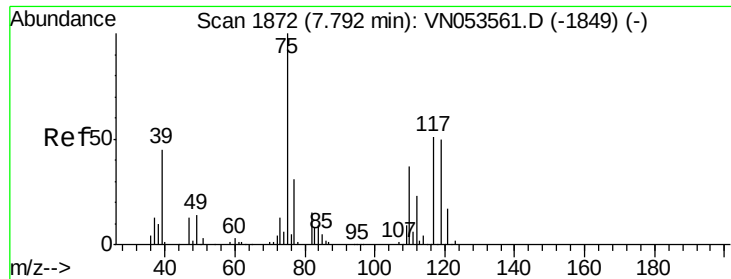


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

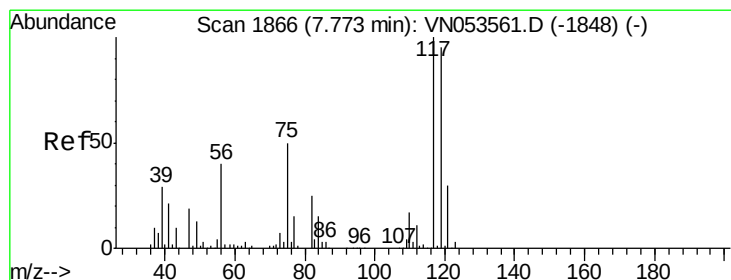
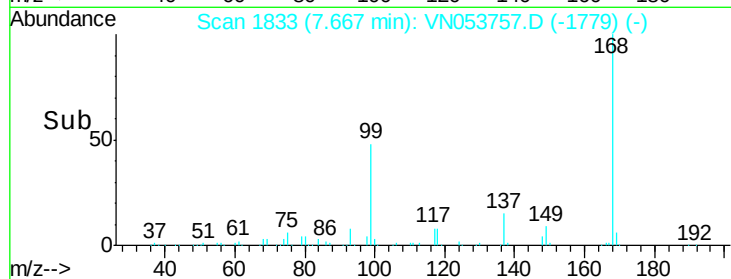
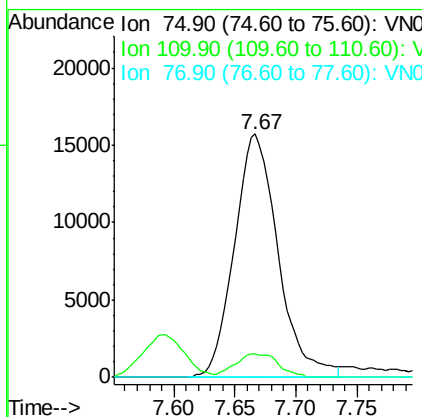
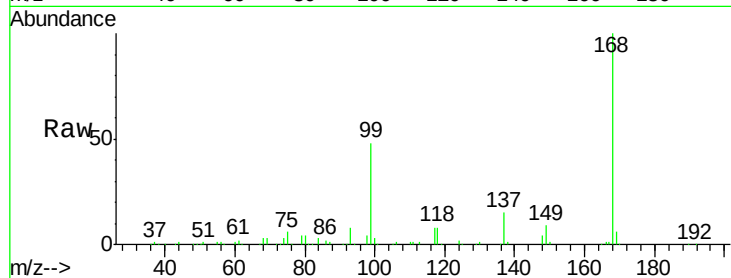




#36
 1,1-Dichloropropene
 Concen: 3.873 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053757.D
 Acq: 13 Feb 2019 16:09

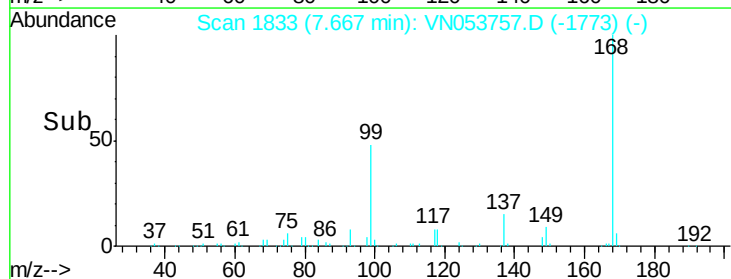
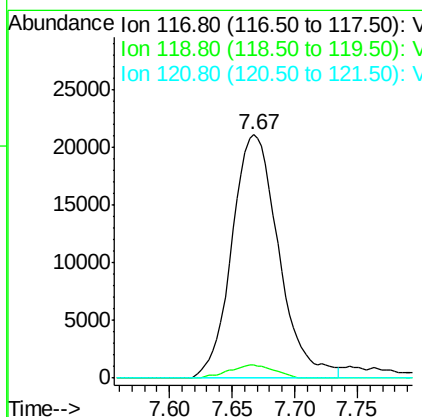
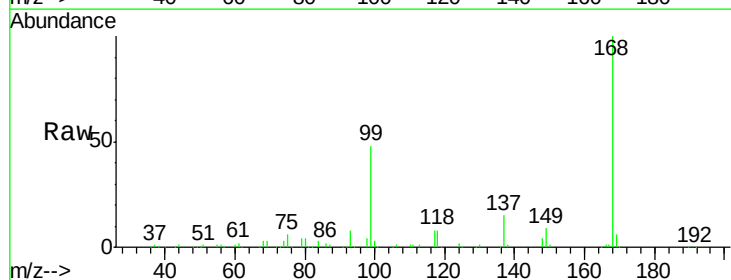
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-H

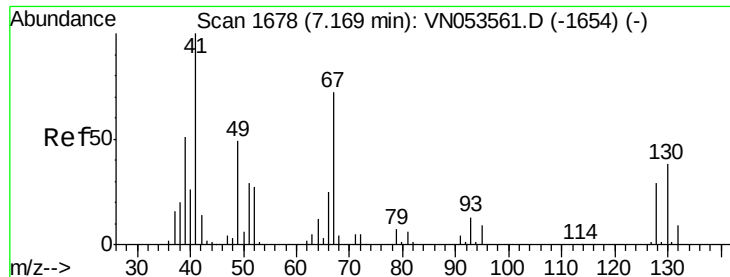
Tot Ion	75	Resp	39077
Ion Ratio	100	Lower	Upper
75	100		
110	9.7	18.1	54.3#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.389 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053757.D
 Acq: 13 Feb 2019 16:09

Tgt Ion	117	Resp	54770
Ion Ratio	100	Lower	Upper
117	100		
119	5.4	77.2	115.8#
121	0.0	24.6	37.0#





#41

Methacrylonitrile

Concen: 0.260 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.05 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampled :

JC-02-021119-H

Tot Ion: 41 Resp: 820

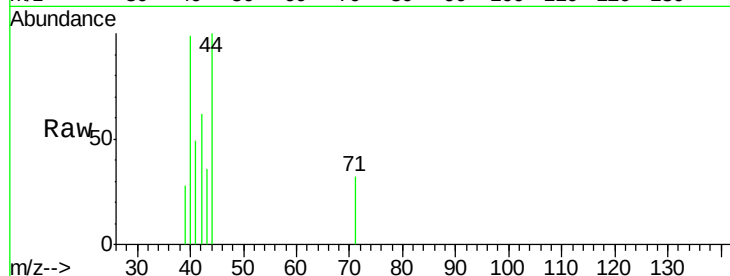
Ion Ratio Lower Upper

41 100

39 35.0 46.8 70.2#

67 0.0 63.0 94.6#

52 0.0 23.8 35.8#

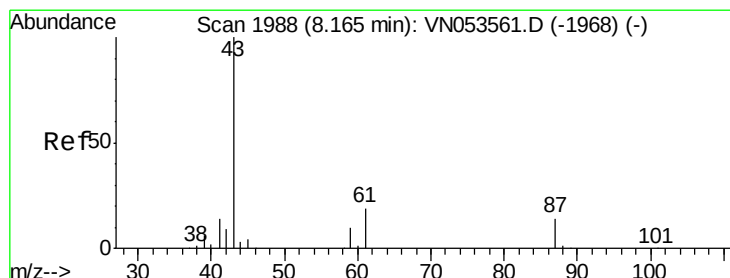
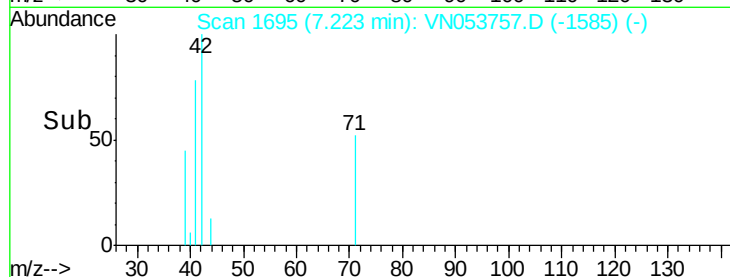
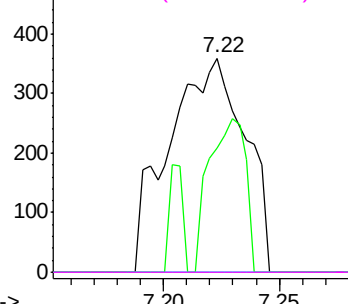


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#43

Isopropyl Acetate

Concen: 3.247 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

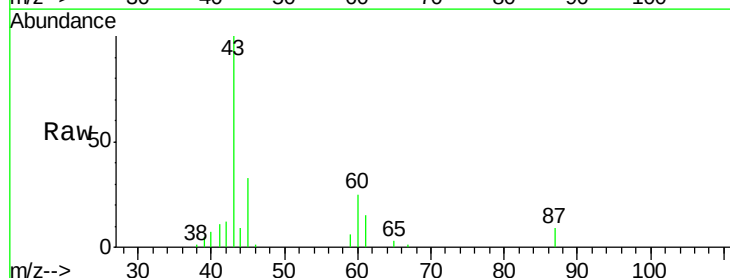
Tgt Ion: 43 Resp: 35339

Ion Ratio Lower Upper

43 100

61 15.6 23.9 35.9#

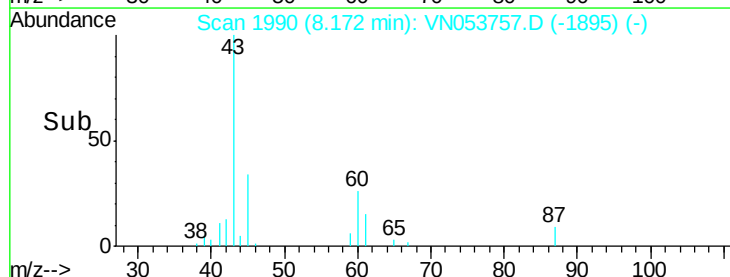
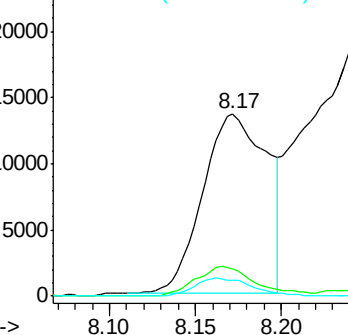
87 8.9 11.0 16.6#

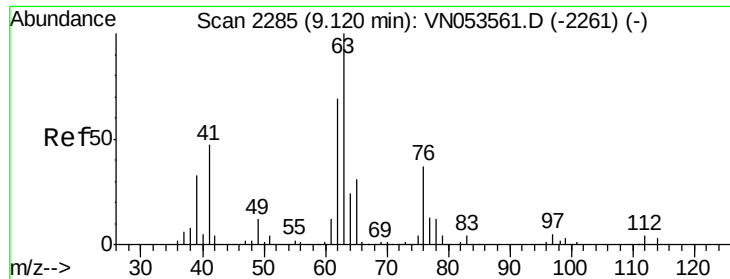


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

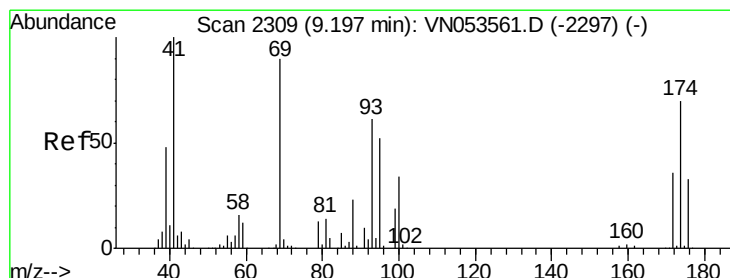
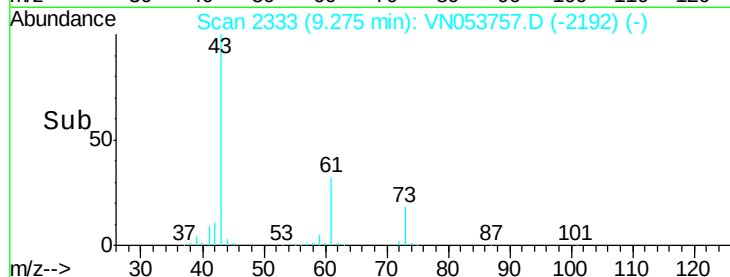
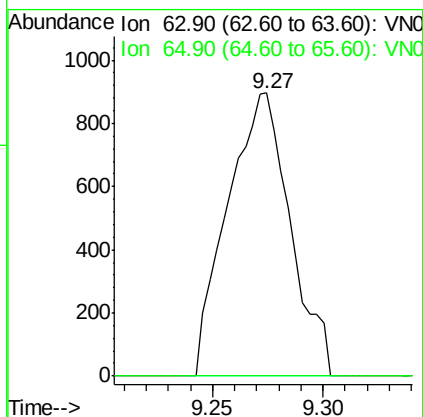
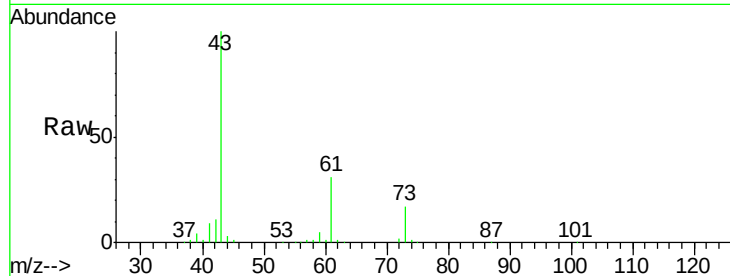




#45
 1,2-Dichloropropane
 Concen: 0.221 ug/l
 RT: 9.27 min Scan# 2333
 Delta R.T. 0.15 min
 Lab File: VN053757.D
 Acq: 13 Feb 2019 16:09

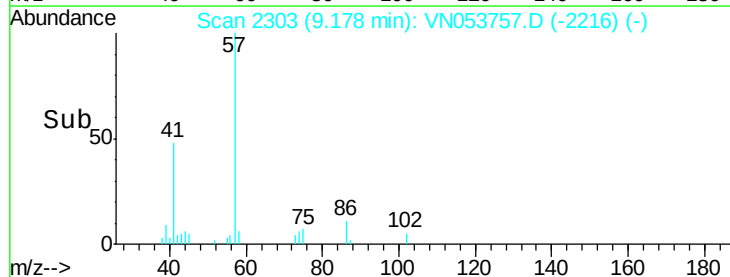
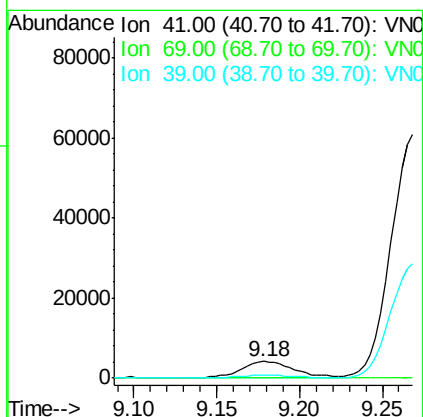
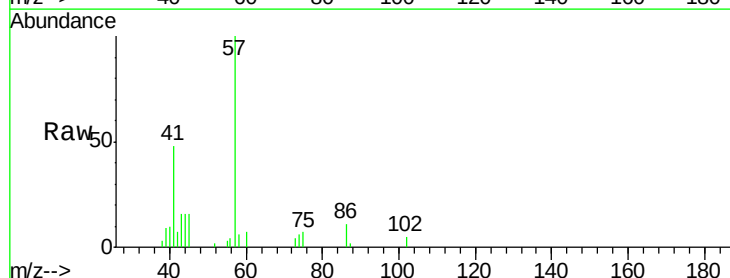
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-H

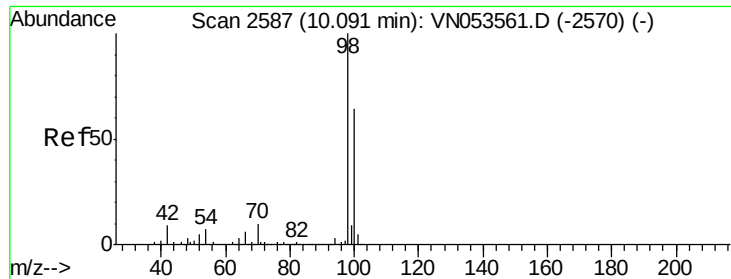
Tot Ion: 63 Resp: 1760
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.804 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN053757.D
 Acq: 13 Feb 2019 16:09

Tgt Ion: 41 Resp: 9373
 Ion Ratio Lower Upper
 41 100
 69 0.0 73.8 110.6#
 39 0.0 40.0 60.0#

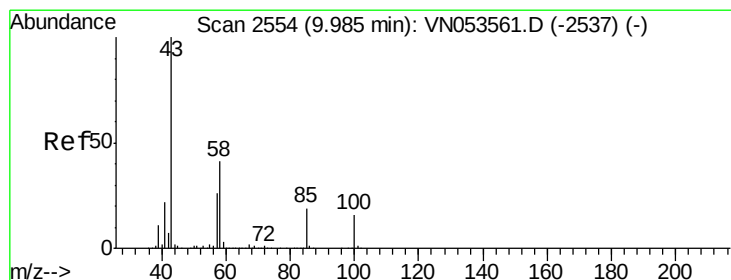
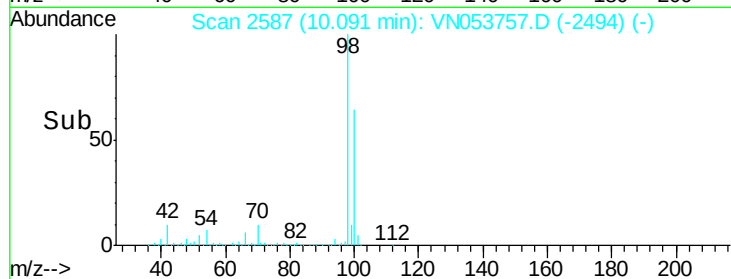
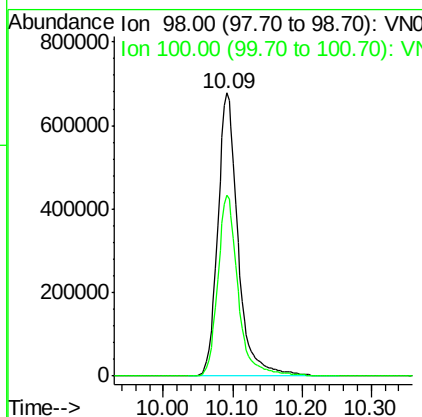
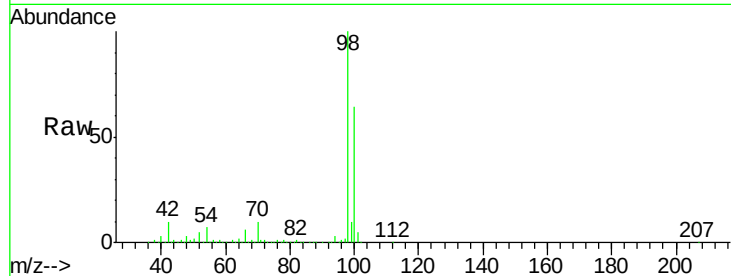




#50
Toluene-d8
Concen: 51.698 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

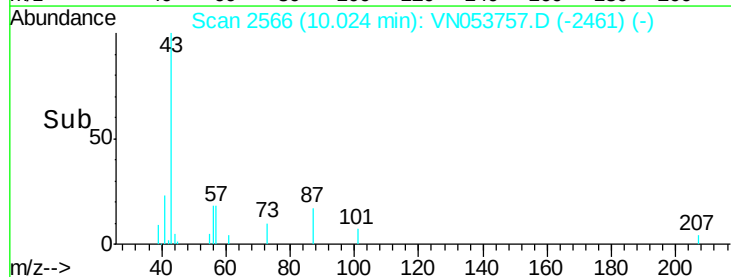
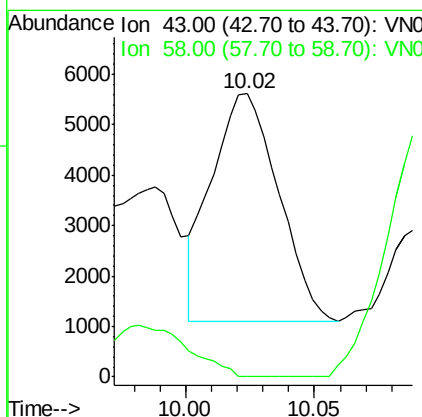
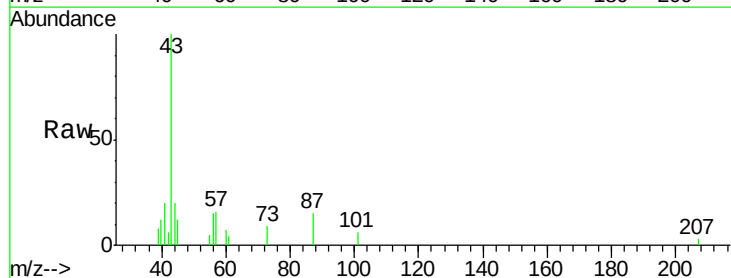
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-H

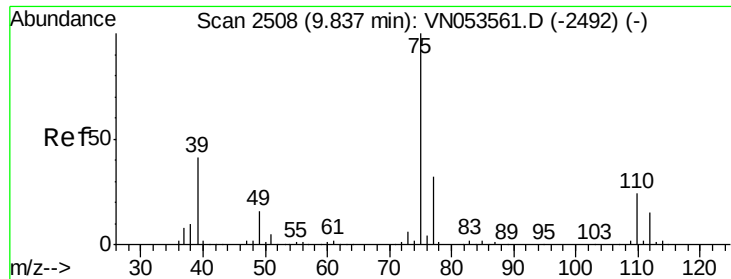
Tot Ion: 98 Resp: 1372788
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.529 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

Tgt Ion: 43 Resp: 8178
Ion Ratio Lower Upper
43 100
58 0.0 32.8 49.2#





#54

cis-1,3-Dichloropropene

Concen: 5.291 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-H

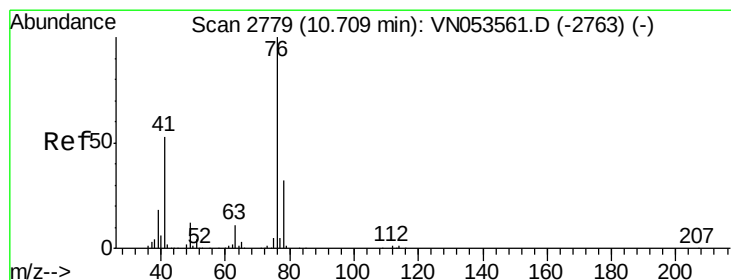
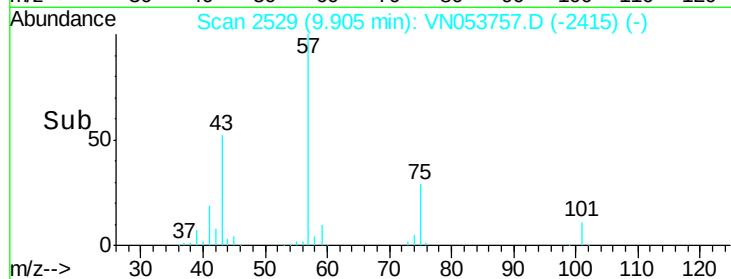
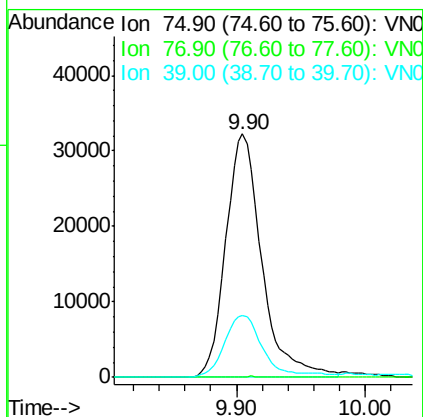
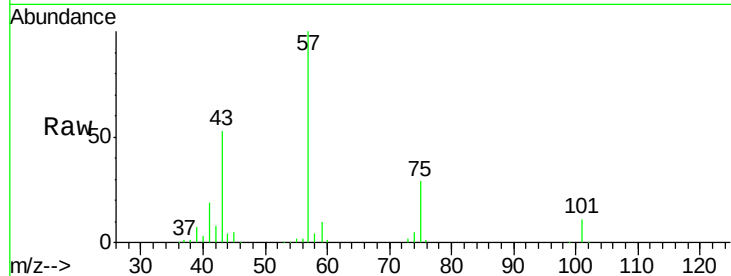
Tot Ion: 75 Resp: 62619

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

39 25.4 33.4 50.0#



#57

1,3-Dichloropropane

Concen: 1.119 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN053757.D

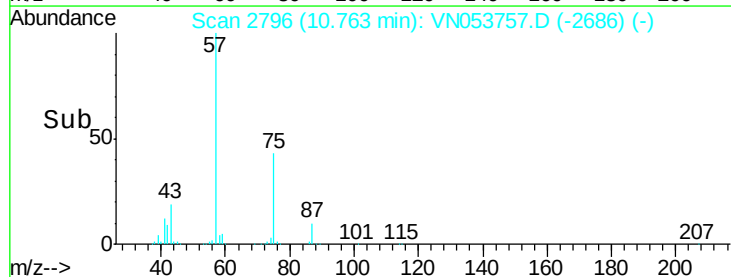
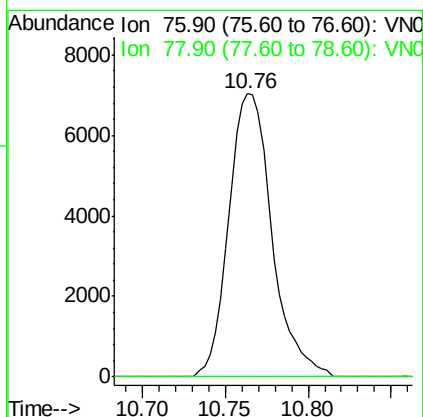
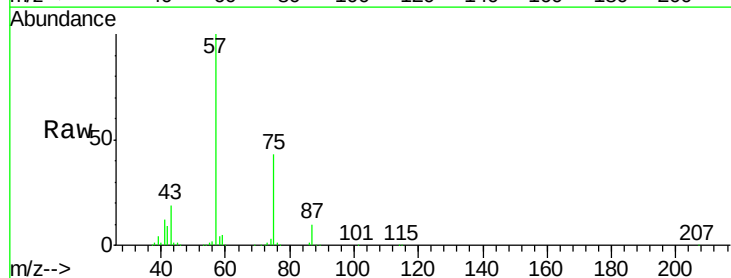
Acq: 13 Feb 2019 16:09

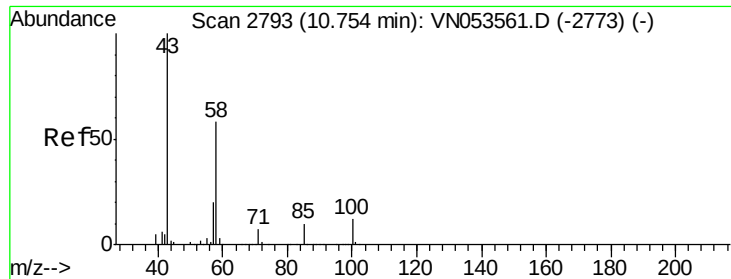
Tgt Ion: 76 Resp: 12724

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#

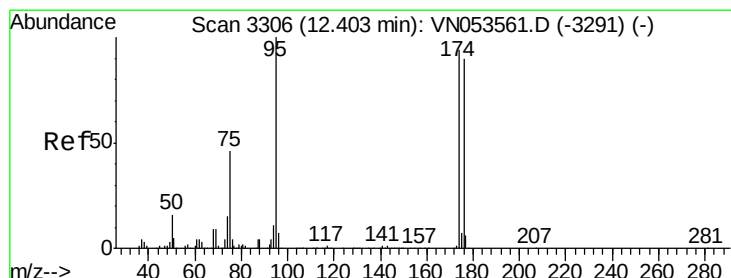
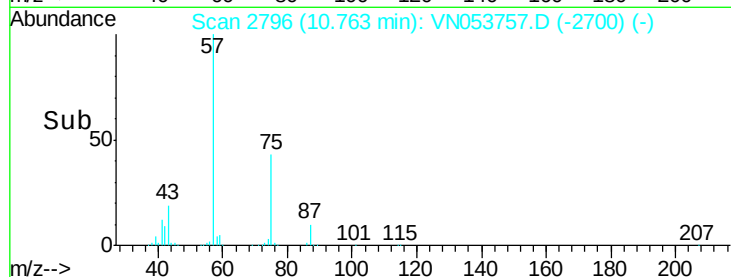
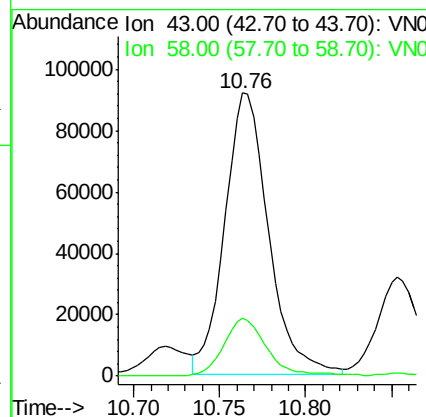
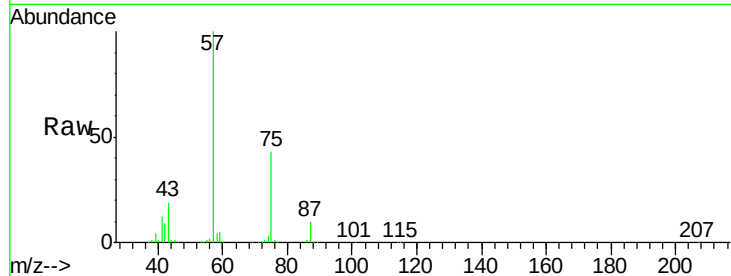




#59
2-Hexanone
Concen: 45.087 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

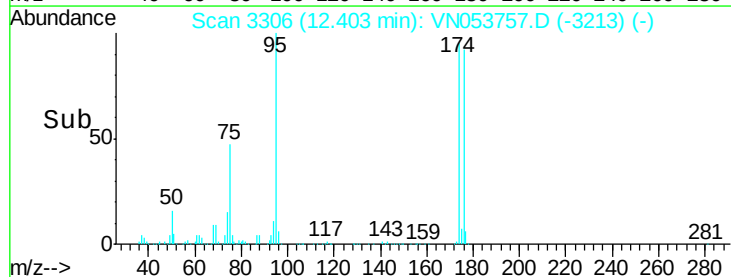
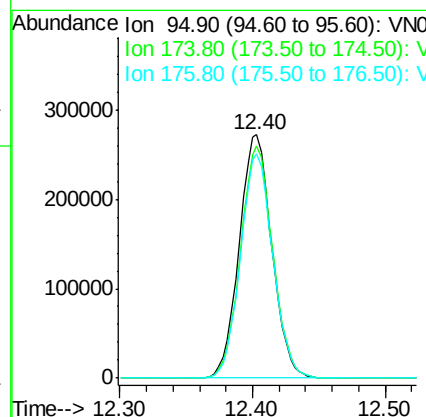
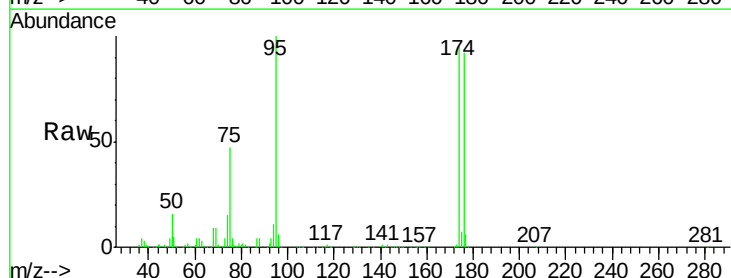
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-H

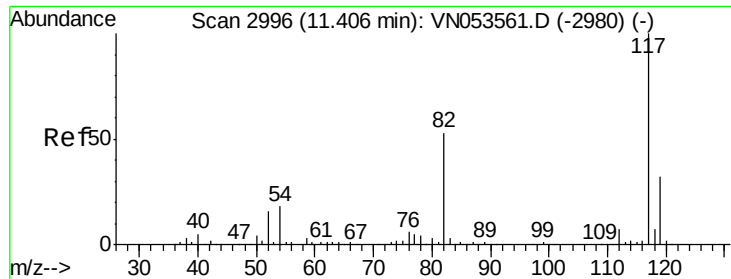
Tot Ion: 43 Resp: 163674
Ion Ratio Lower Upper
43 100
58 20.4 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: 52.421 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

Tgt Ion: 95 Resp: 464247
Ion Ratio Lower Upper
95 100
174 94.7 0.0 183.2
176 91.3 0.0 177.4

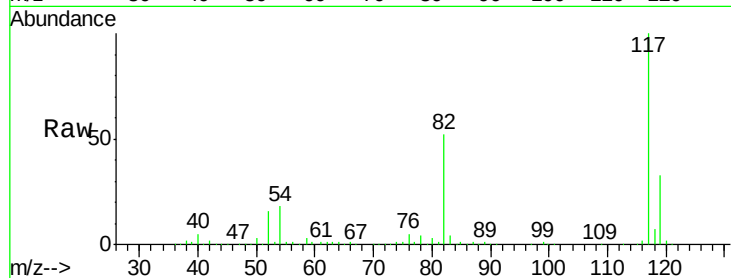




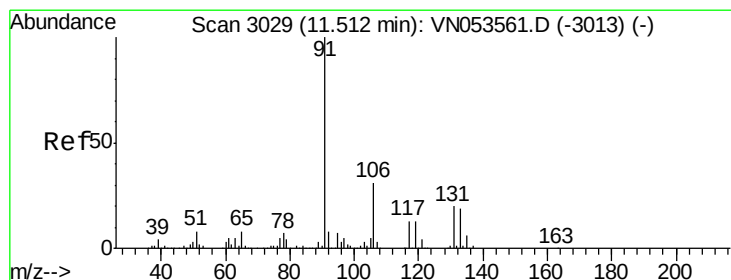
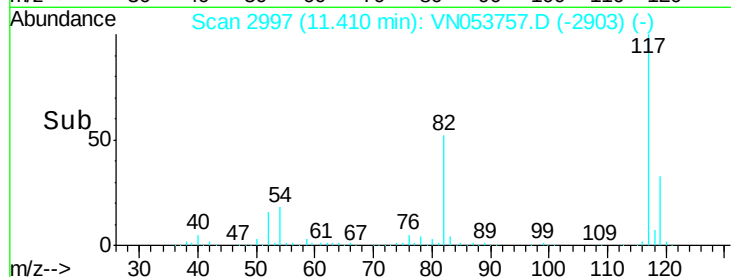
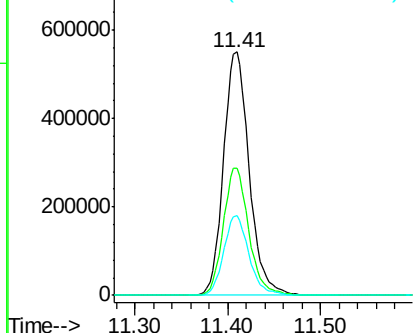
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

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

Tot Ion:117 Resp: 1056180
Ion Ratio Lower Upper
117 100
82 52.4 42.9 64.3
119 32.6 26.0 39.0

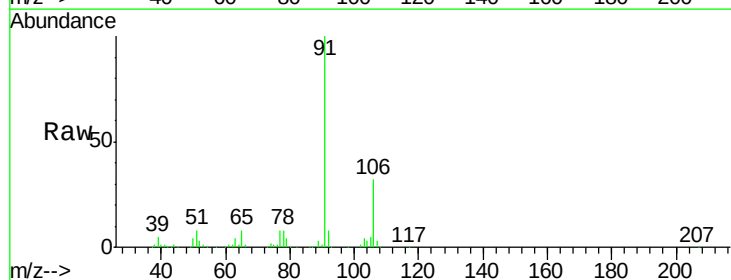


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

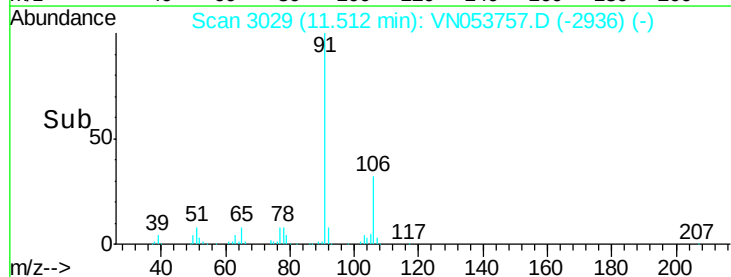
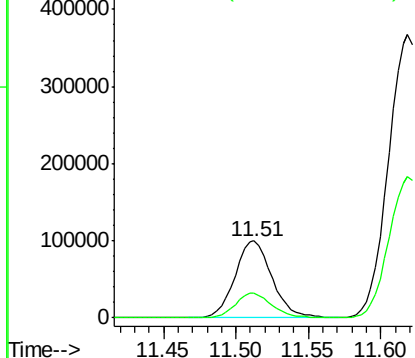


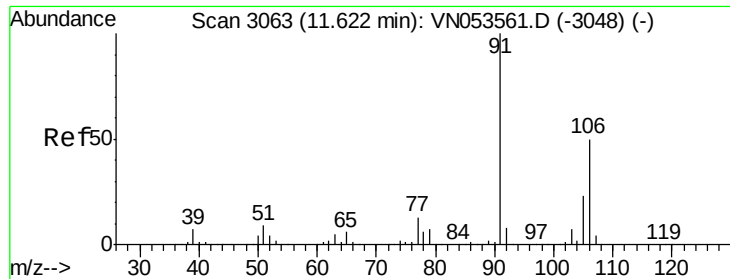
#67
Ethyl Benzene
Concen: 4.814 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

Tgt Ion: 91 Resp: 177404
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.6



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

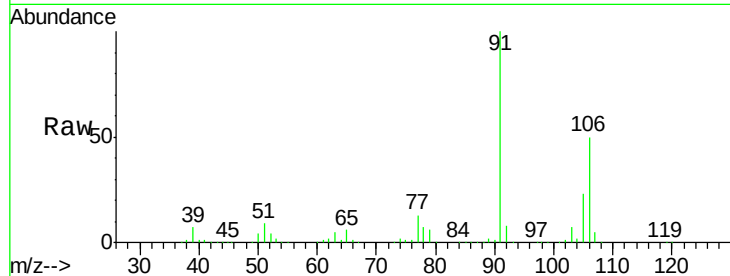




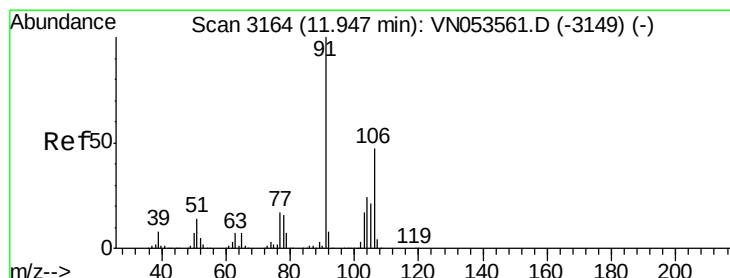
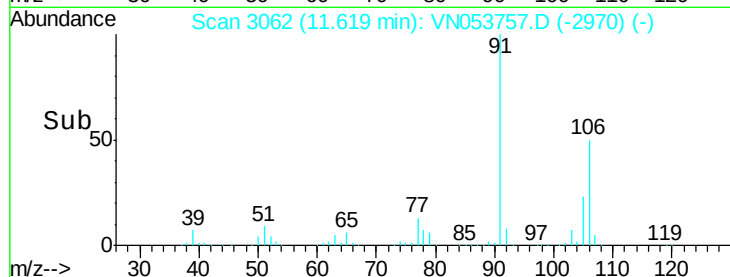
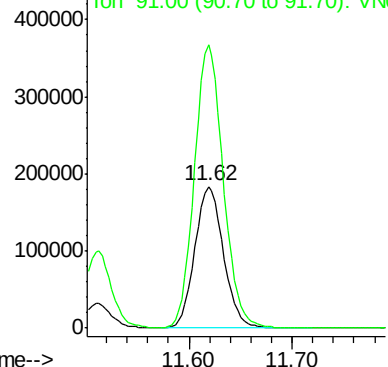
#68
m/p-Xylenes
Concen: 25.331 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

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

Tot Ion:106 Resp: 356284
Ion Ratio Lower Upper
106 100
91 200.3 161.4 242.2

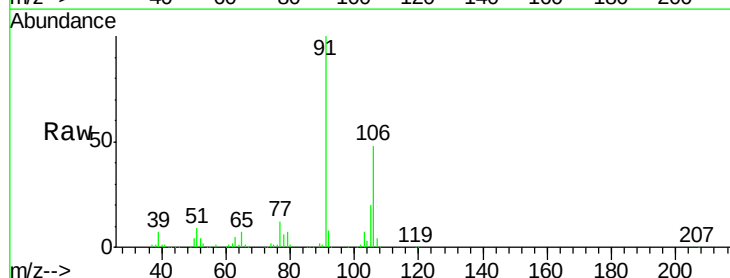


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

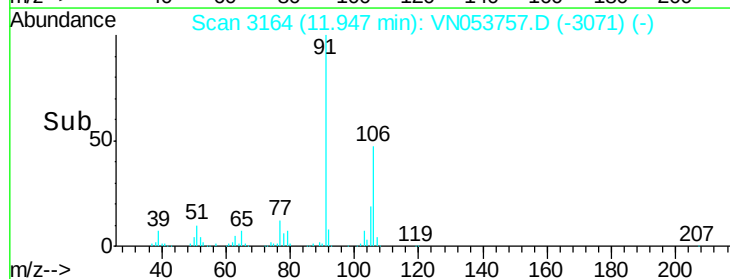
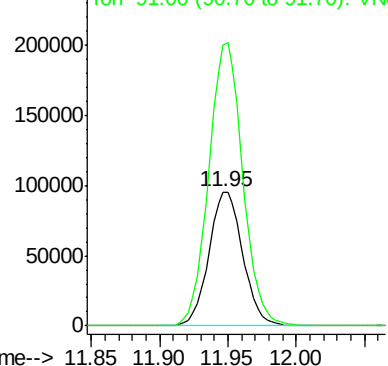


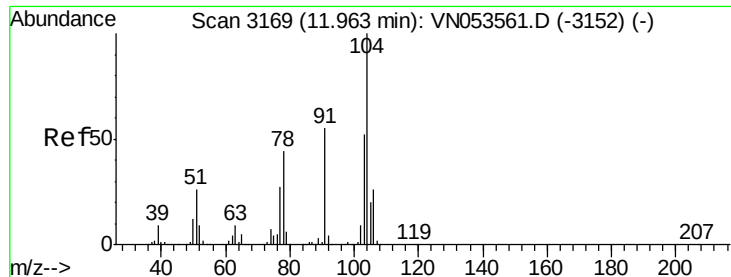
#69
o-Xylene
Concen: 12.117 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

Tgt Ion:106 Resp: 164647
Ion Ratio Lower Upper
106 100
91 211.9 106.9 320.8



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





#70

Stvrene

Concen: 0.479 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.02 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-H

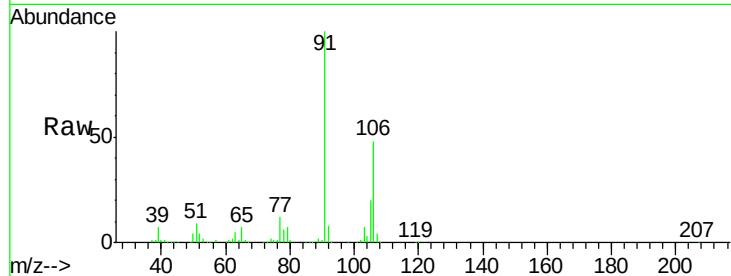
Tot Ion:104 Resp: 10554

Ion Ratio Lower Upper

104 100

78 213.7 38.2 57.2#

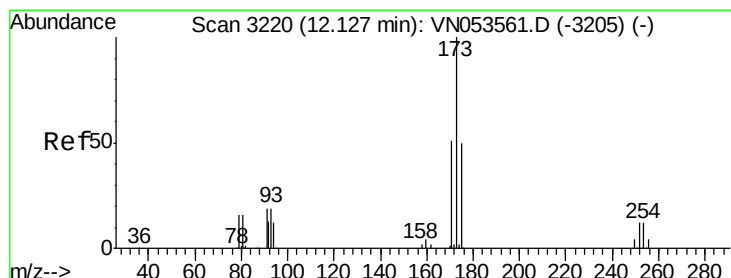
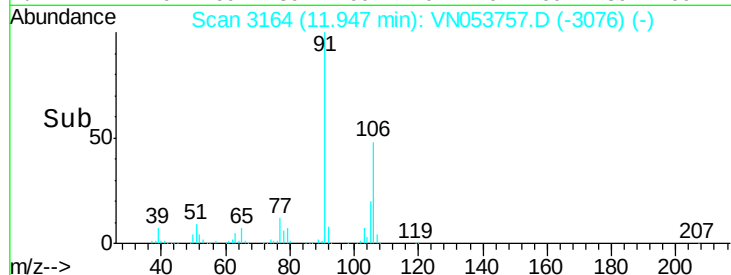
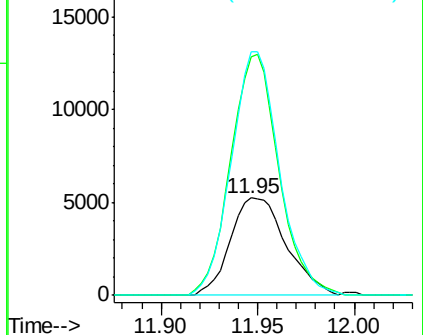
103 215.7 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.327 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

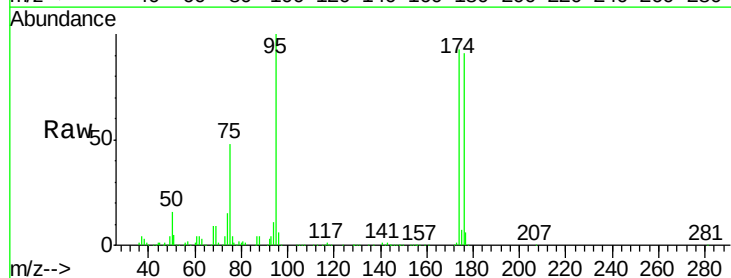
Tgt Ion:173 Resp: 1758

Ion Ratio Lower Upper

173 100

175 1543.3 24.6 74.0#

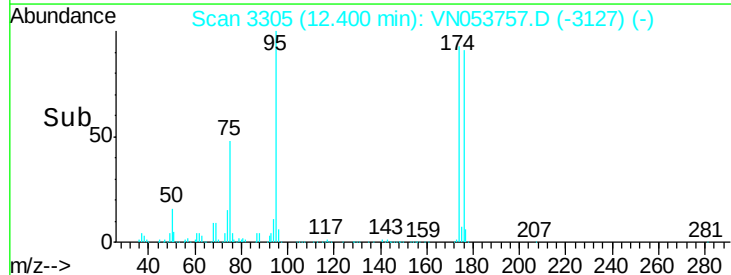
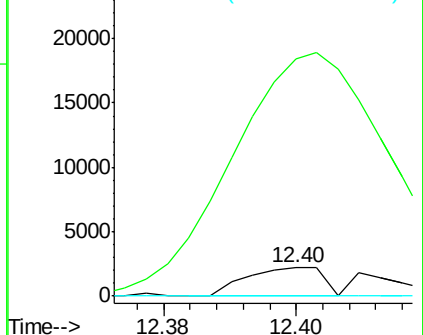
254 0.0 0.2 0.2#

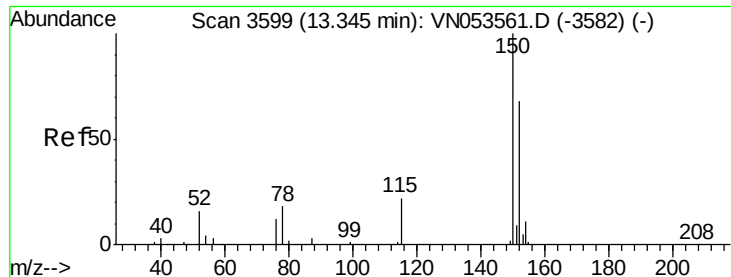


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

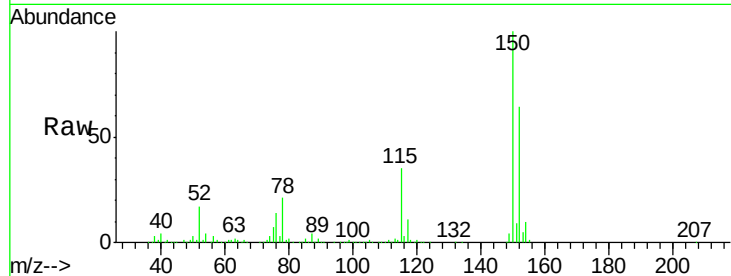




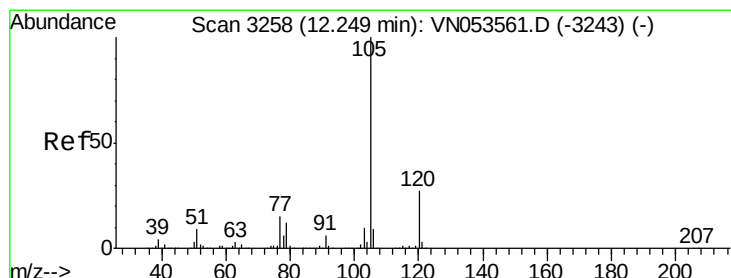
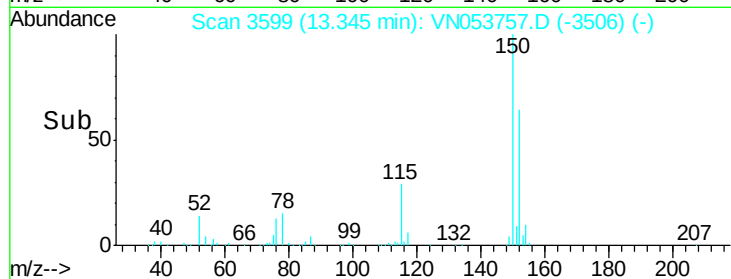
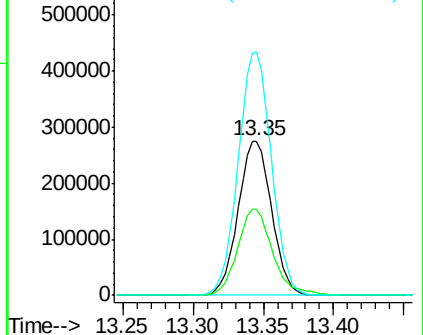
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053757.D
 Acq: 13 Feb 2019 16:09

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

Tot Ion	152	Resp	457458
Ion	Ratio	Lower	Upper
152	100		
115	58.3	27.8	83.4
150	156.6	0.0	349.0

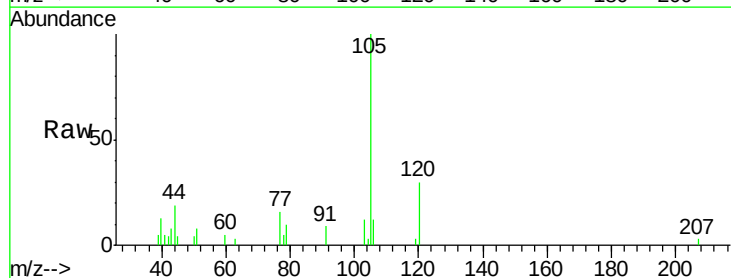


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

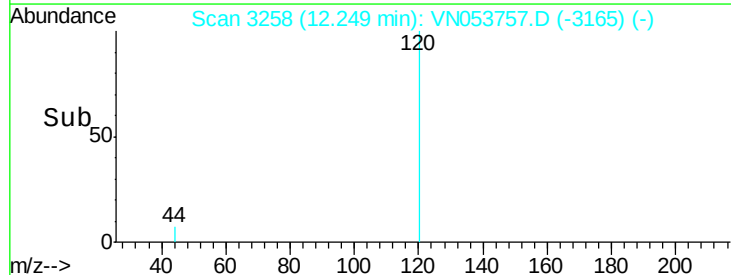
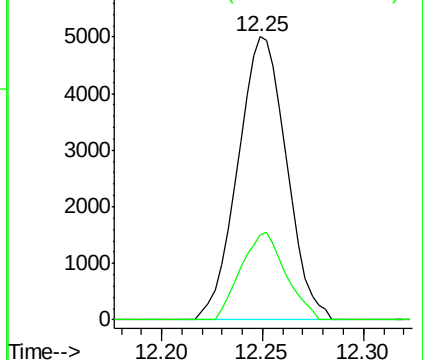


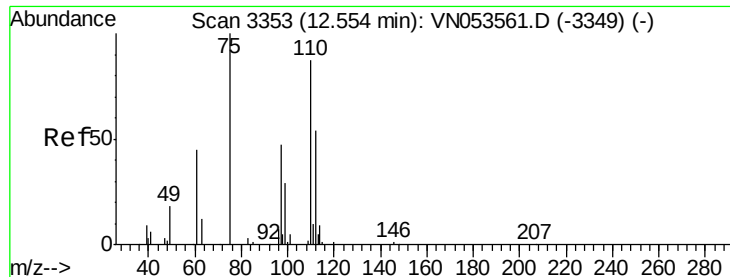
#73
 Isopropylbenzene
 Concen: 0.263 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: VN053757.D
 Acq: 13 Feb 2019 16:09

Tgt Ion	105	Resp	8455
Ion	Ratio	Lower	Upper
105	100		
120	28.5	13.6	40.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 36.918 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

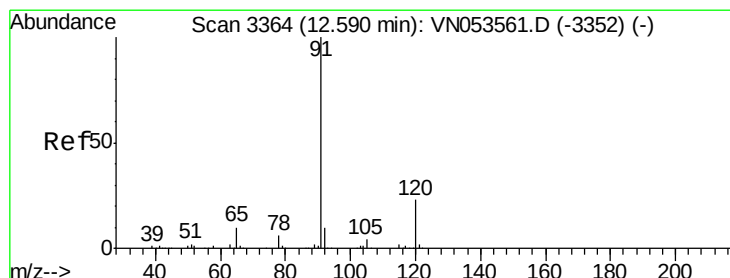
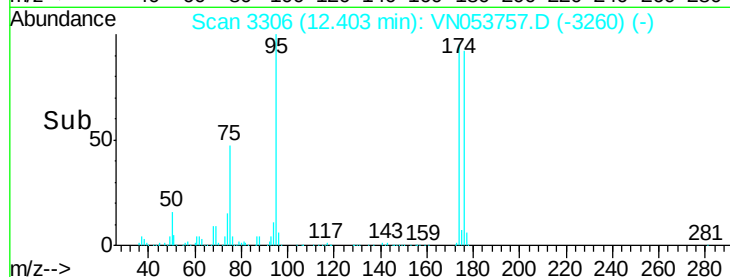
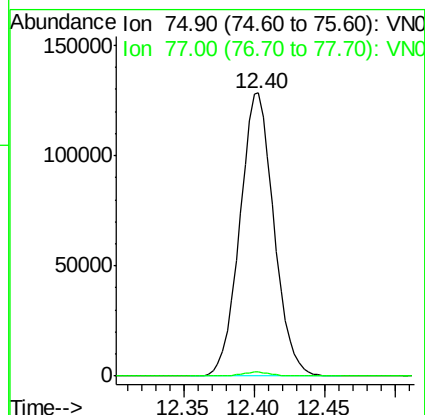
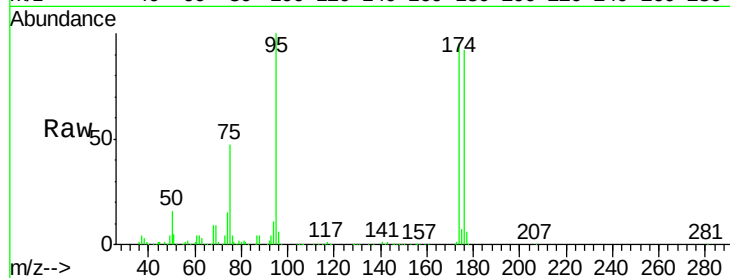
JC-02-021119-H

Tot Ion: 75 Resp: 216919

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#78

n-propylbenzene

Concen: 1.532 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053757.D

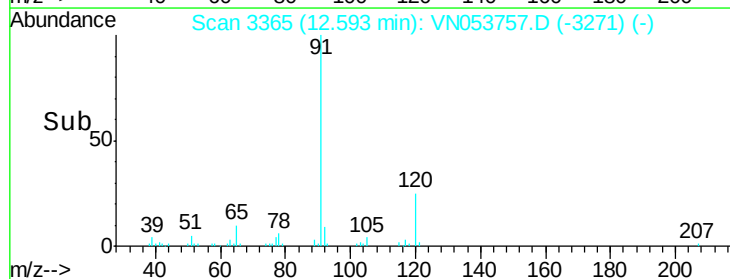
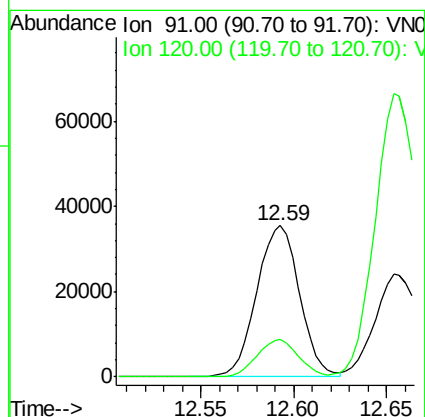
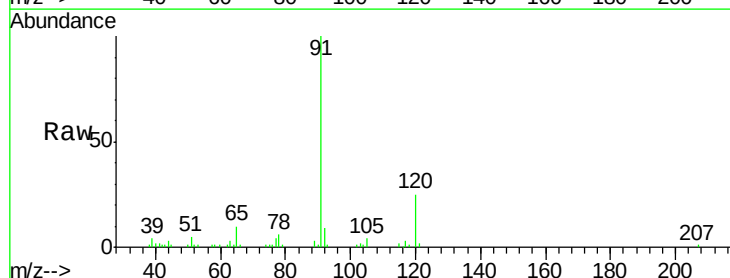
Acq: 13 Feb 2019 16:09

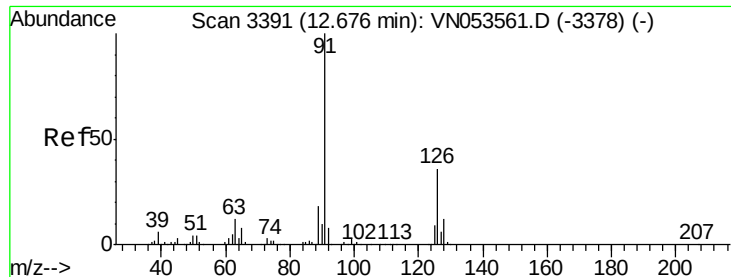
Tgt Ion: 91 Resp: 56962

Ion Ratio Lower Upper

91 100

120 24.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 1.743 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

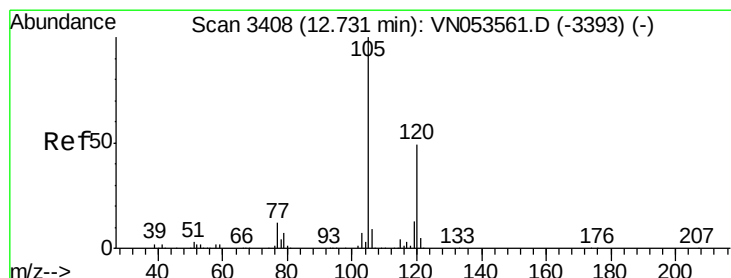
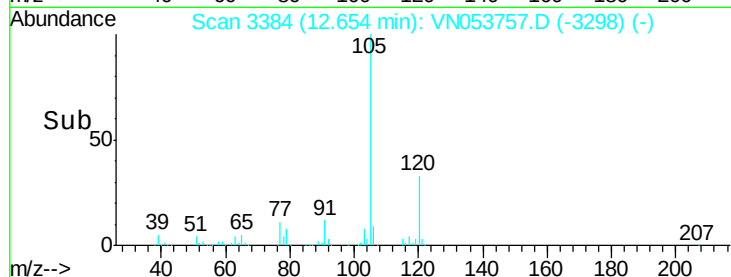
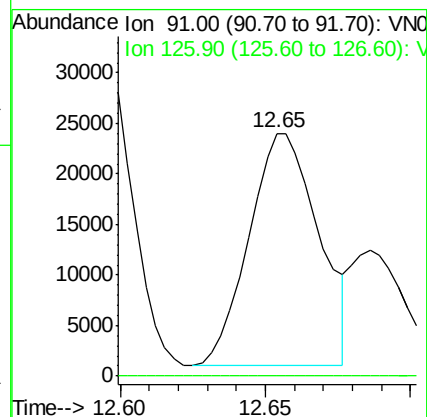
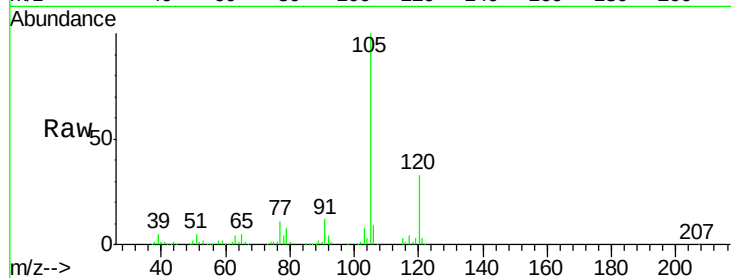
JC-02-021119-H

Tot Ion: 91 Resp: 38454

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



#80

1,3,5-Trimethylbenzene

Concen: 8.681 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053757.D

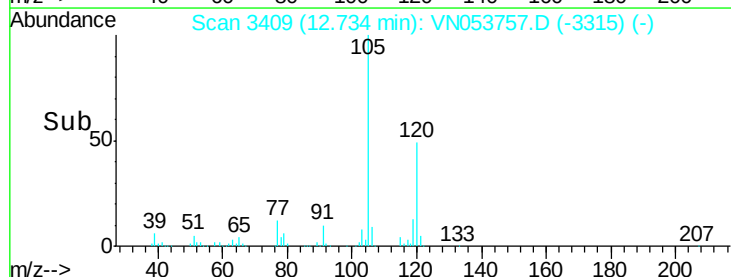
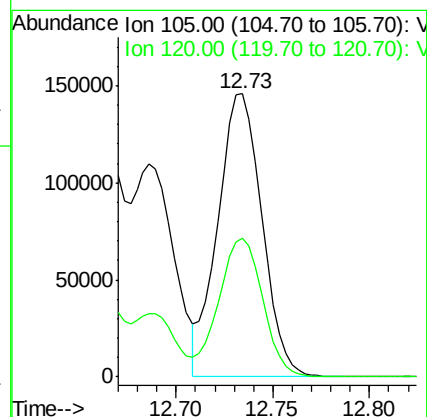
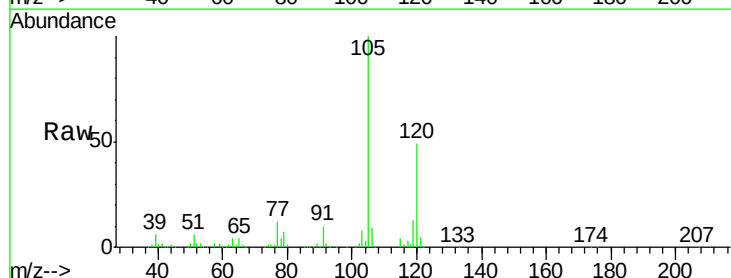
Acq: 13 Feb 2019 16:09

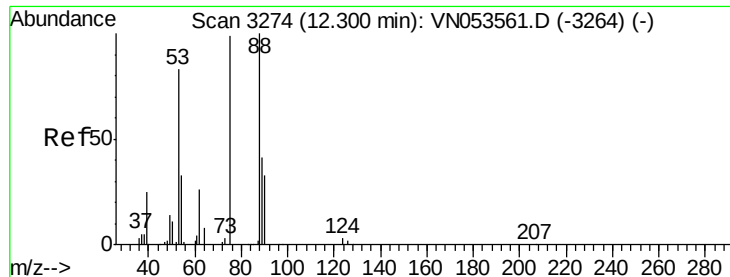
Tgt Ion: 105 Resp: 231502

Ion Ratio Lower Upper

105 100

120 48.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 103.809 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-H

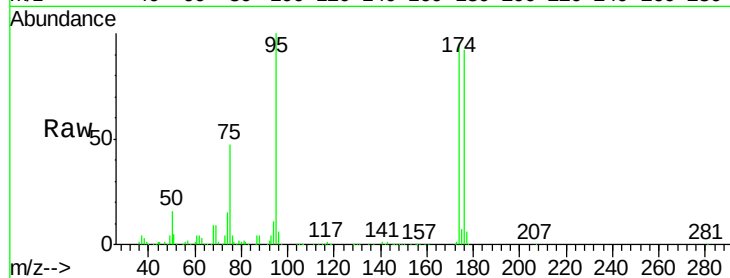
Tot Ion: 75 Resp: 216919

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

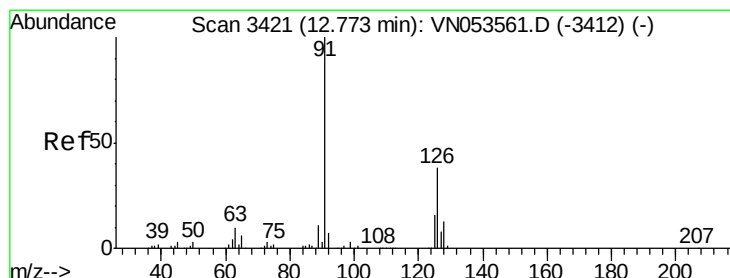
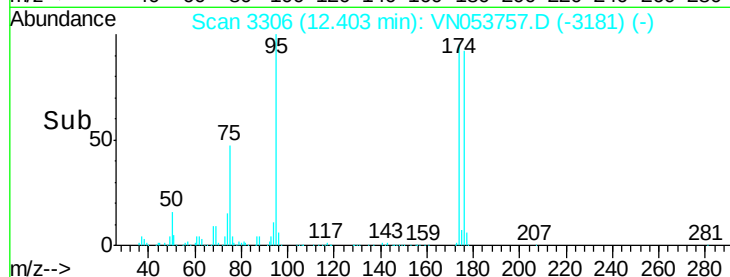
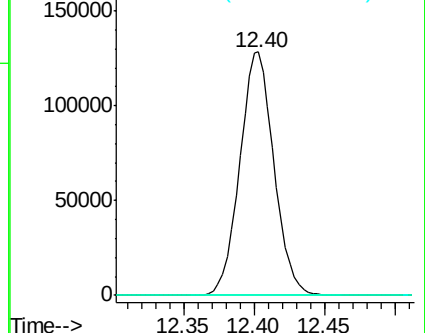
89 0.0 35.6 53.4#



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



#82

4-Chlorotoluene

Concen: 1.061 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053757.D

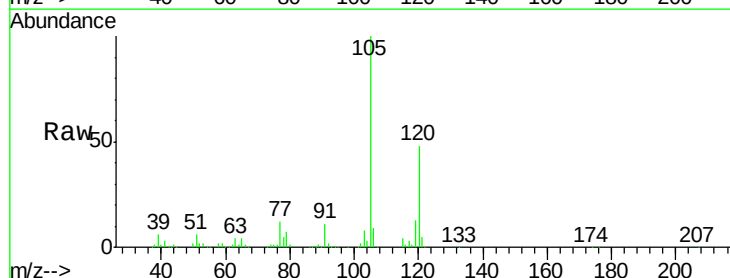
Acq: 13 Feb 2019 16:09

Tgt Ion: 91 Resp: 24012

Ion Ratio Lower Upper

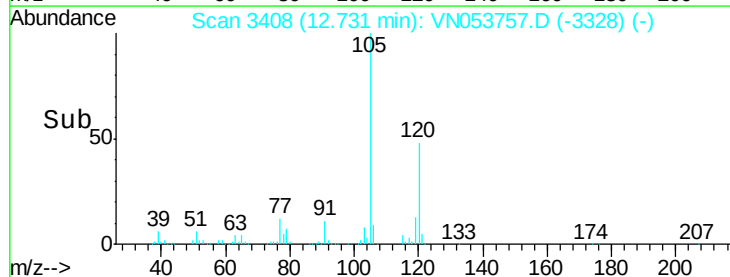
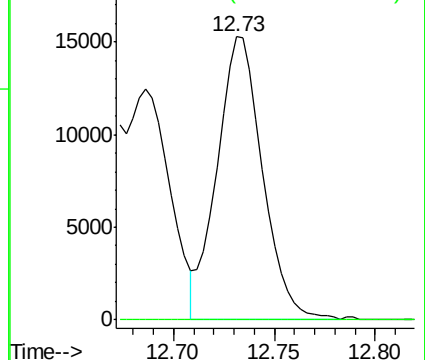
91 100

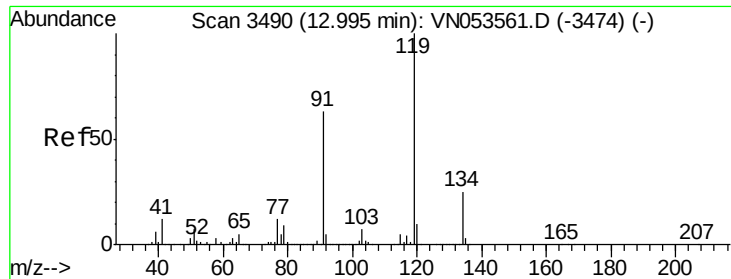
126 0.0 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

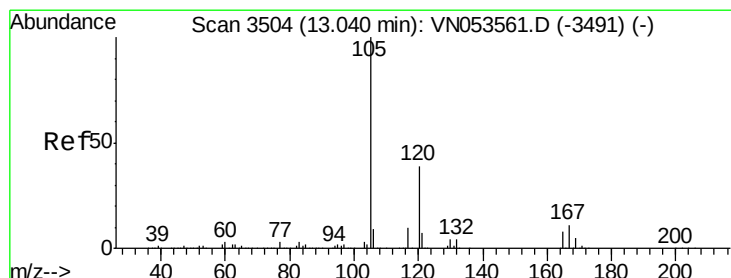
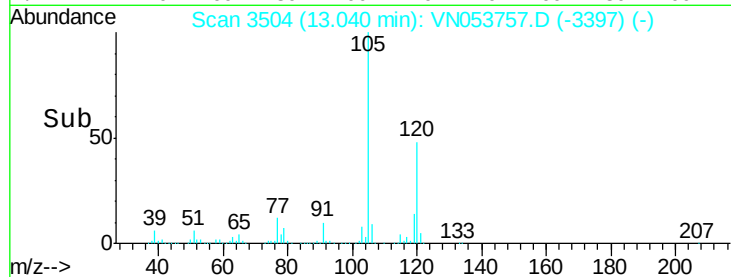
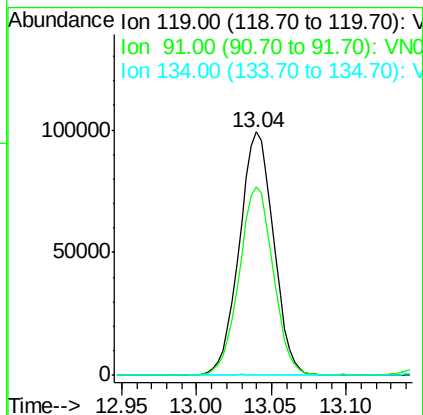
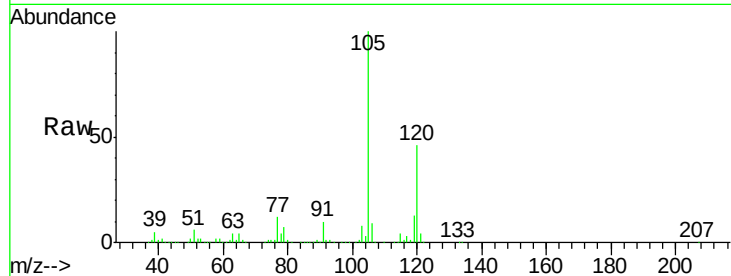




#83
 tert-Butylbenzene
 Concen: 6.711 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN053757.D
 Acq: 13 Feb 2019 16:09

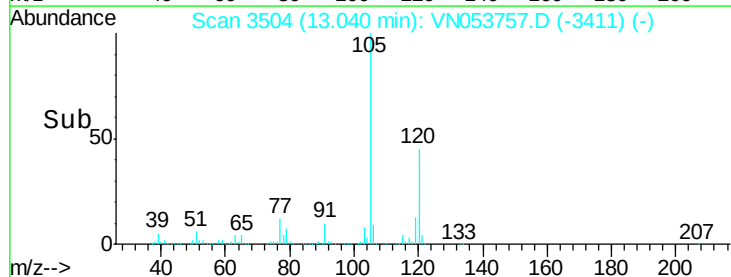
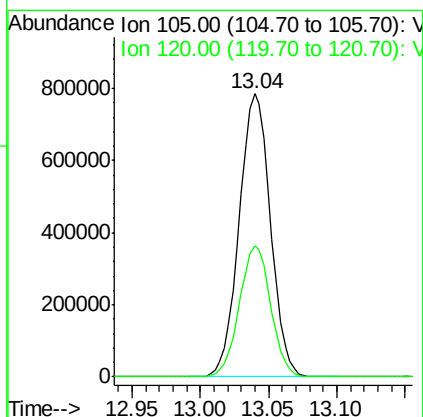
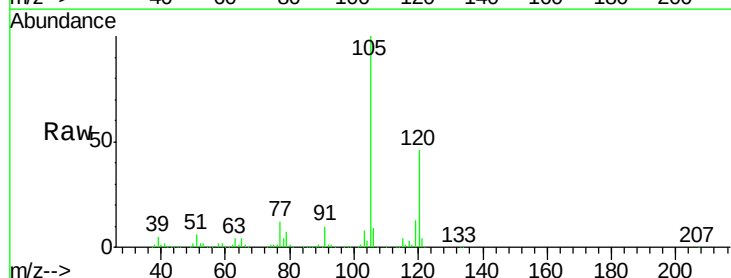
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-H

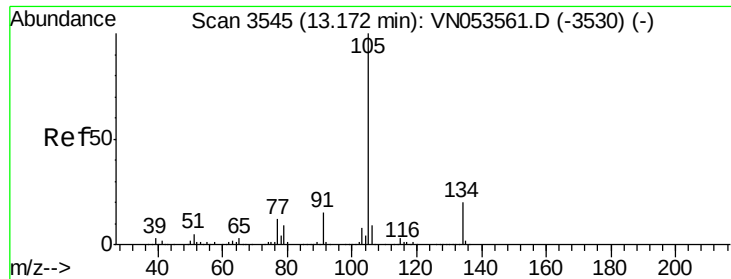
Tot Ion:119 Resp: 158172
 Ion Ratio Lower Upper
 119 100
 91 77.1 31.3 93.8
 134 0.4 12.9 38.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 45.926 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053757.D
 Acq: 13 Feb 2019 16:09

Tgt Ion:105 Resp: 1247767
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 38.904 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

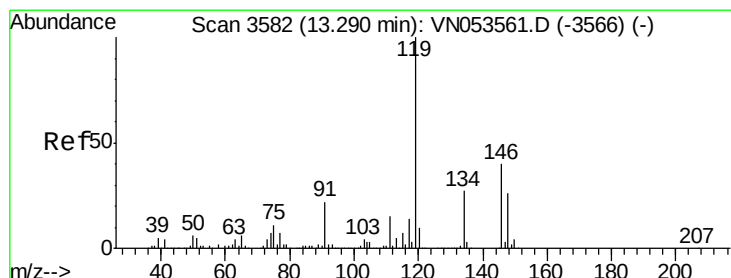
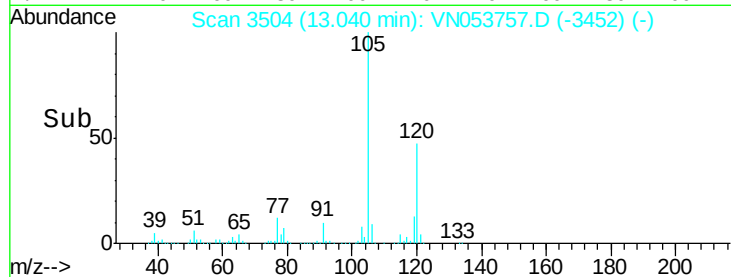
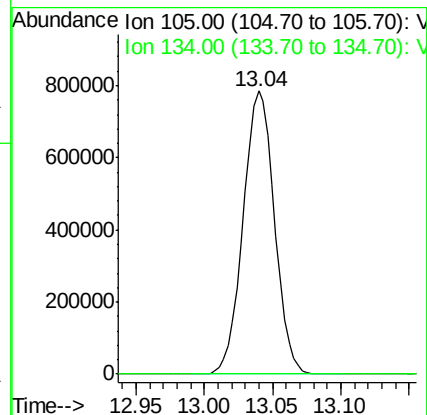
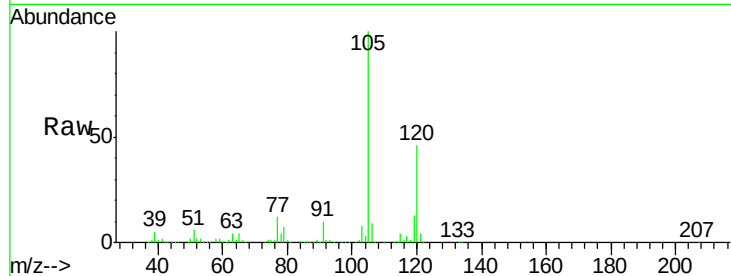
JC-02-021119-H

Tot Ion:105 Resp: 1247767

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 0.671 ug/l

RT: 13.23 min Scan# 3564

Delta R.T. -0.06 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

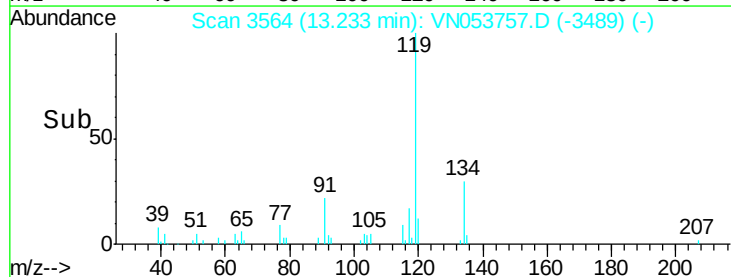
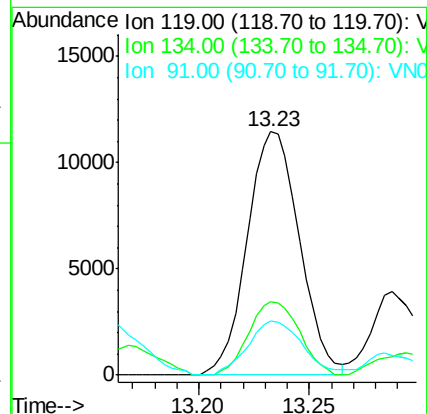
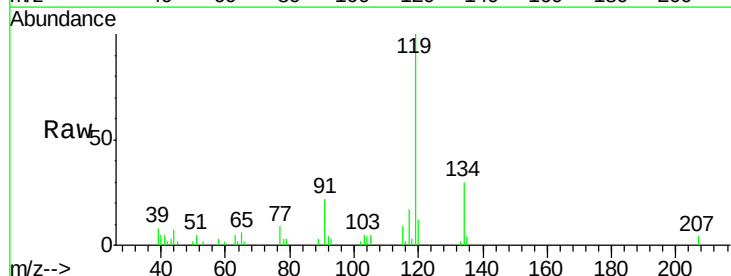
Tgt Ion:119 Resp: 18828

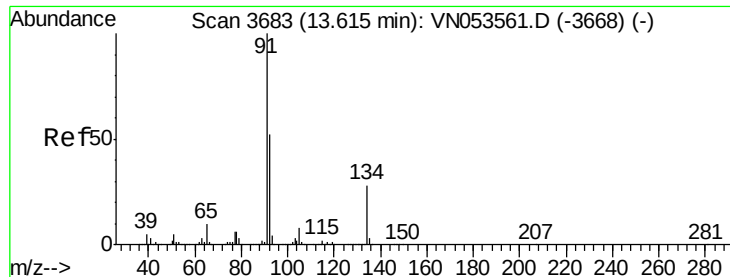
Ion Ratio Lower Upper

119 100

134 29.3 13.5 40.4

91 23.1 11.0 33.0





#89

n-Butylbenzene

Concen: 0.263 ug/l

RT: 13.58 min Scan# 3672

Delta R.T. -0.04 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-H

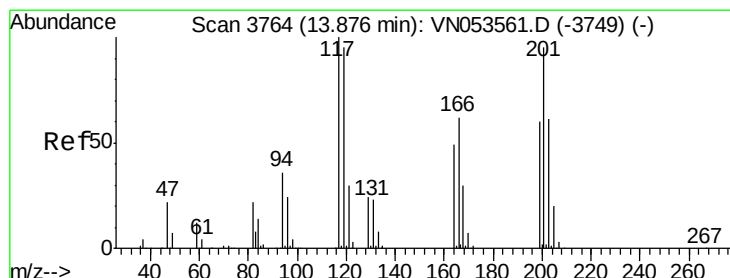
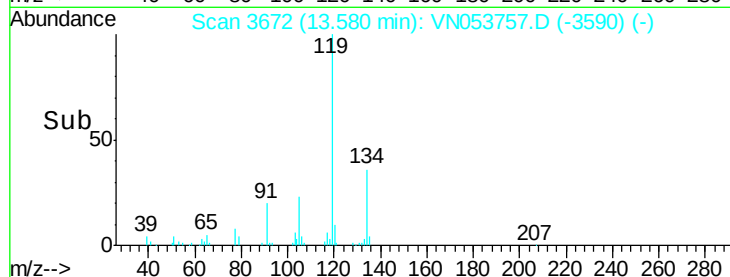
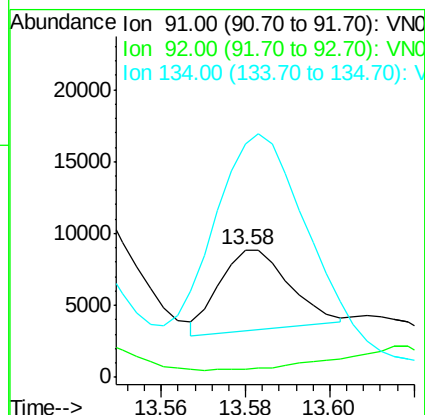
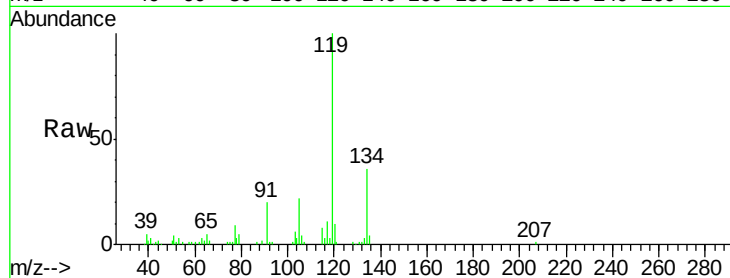
Tot Ion: 91 Resp: 6379

Ion Ratio Lower Upper

91 100

92 0.0 26.3 78.8#

134 471.9 13.5 40.5#



#90

Hexachloroethane

Concen: 1.192 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053757.D

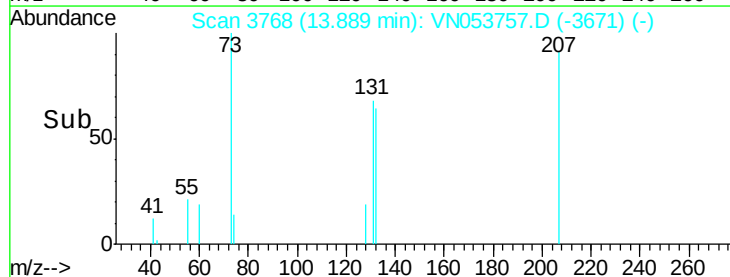
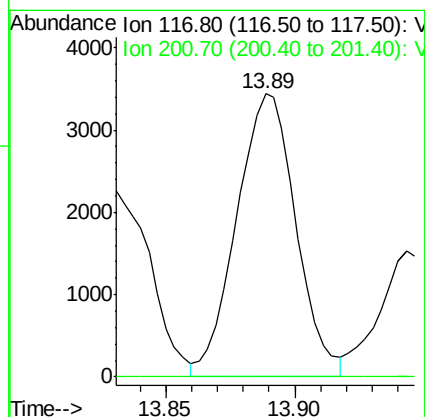
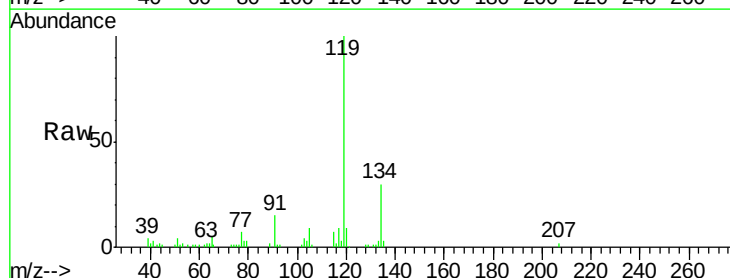
Acq: 13 Feb 2019 16:09

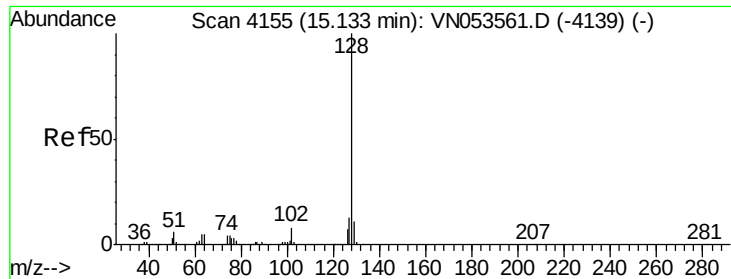
Tgt Ion: 117 Resp: 5517

Ion Ratio Lower Upper

117 100

201 0.0 46.8 140.4#

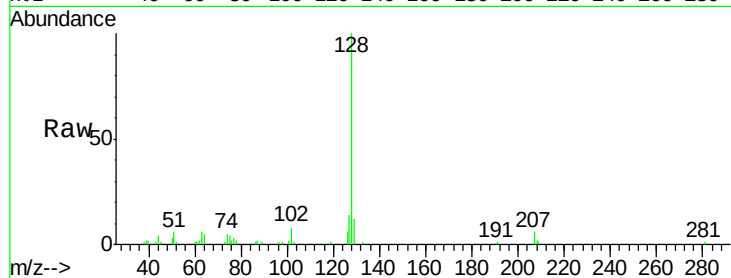




#95
Naphthalene
Concen: 3.944 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.2	8.6	13.0



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

