

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053765.D
 Acq On : 13 Feb 2019 19:43
 Operator : JC/SP
 Sample : K1343-30
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Feb 14 00:16:27 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	704121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1156412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1083600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	448370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	369513	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	7.59	113	368208	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.09	98	1417181	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.40	95	469686	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds

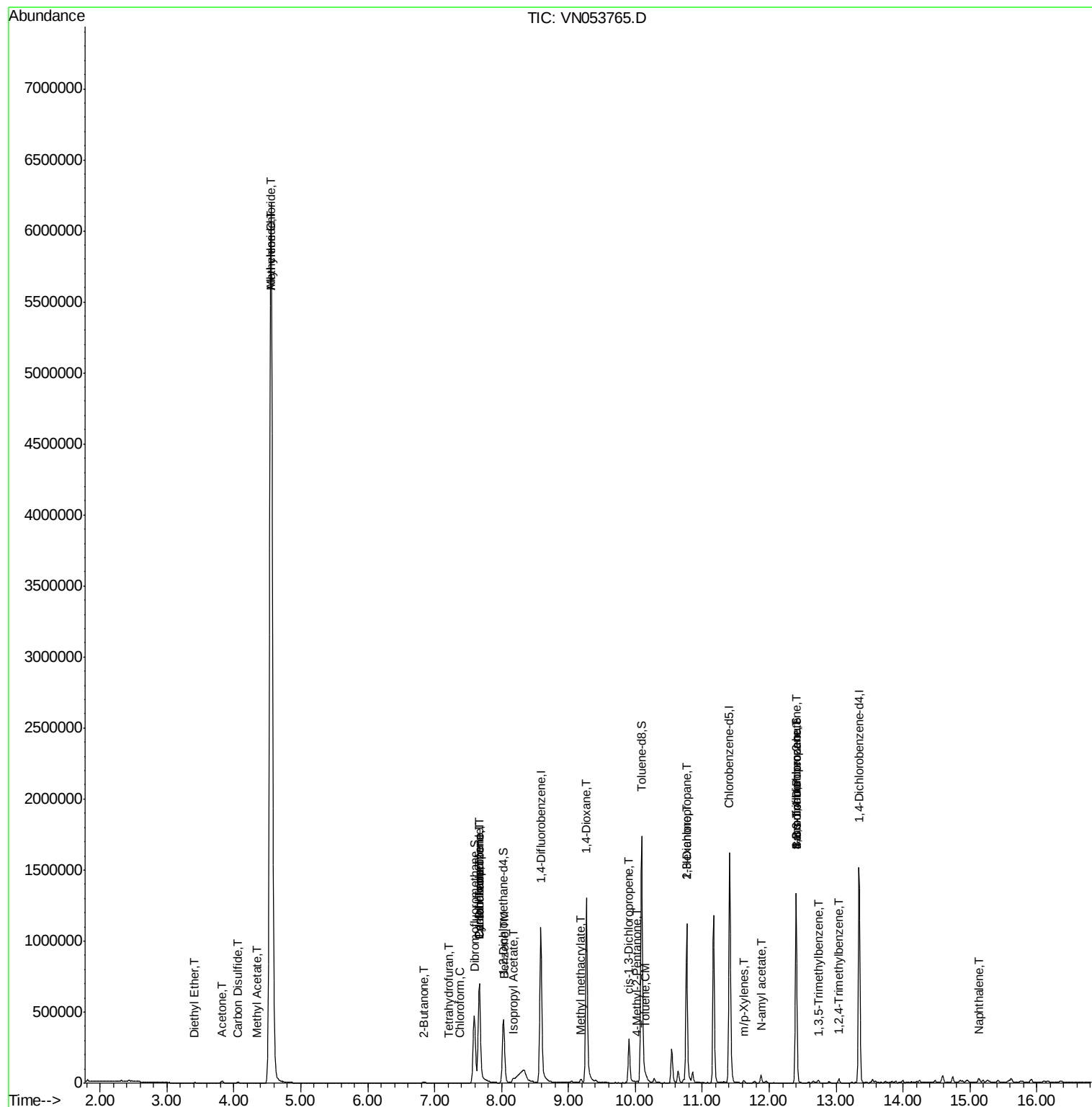
						Qvalue
8) Diethyl Ether	3.42	74	887	0.221	ug/l #	22
14) Allyl chloride	4.55	41	177301	17.078	ug/l #	27
16) Acetone	3.82	43	18068	9.972	ug/l	95
17) Carbon Disulfide	4.06	76	7932	0.391	ug/l #	89
18) Methyl Acetate	4.34	43	4238	0.790	ug/l #	71
20) Methylene Chloride	4.55	84	4985289	655.833	ug/l	99
25) 2-Butanone	6.85	43	5030	1.947	ug/l	92
29) Tetrahydrofuran	7.21	42	677	0.408	ug/l #	92
30) Chloroform	7.38	83	3109	0.244	ug/l	88
31) Cyclohexane	7.67	56	10558	0.717	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41324	3.964	ug/l #	49
38) Carbon Tetrachloride	7.66	117	55460	5.281	ug/l #	16
40) Benzene	8.04	78	18771	0.584	ug/l	95
43) Isopropyl Acetate	8.17	43	35905	3.193	ug/l #	77
48) Methyl methacrylate	9.18	41	9573	1.784	ug/l #	12
49) 1,4-Dioxane	9.27	88	63	39.877	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	7469	1.352	ug/l #	34
52) Toluene	10.16	92	6943	0.364	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	66507	5.439	ug/l #	60
57) 1,3-Dichloropropane	10.77	76	13283	1.131	ug/l #	43
59) 2-Hexanone	10.76	43	165452	44.111	ug/l #	51
68) m/p-Xylenes	11.62	106	5482	0.380	ug/l	95
71) Bromoform	12.40	173	3313	0.601	ug/l #	1
74) N-amyl acetate	11.88	43	16969	2.239	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	216135	37.530	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9170	0.351	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	216135	105.531	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	16202	0.608	ug/l	99
95) Naphthalene	15.13	128	24225	2.924	ug/l	99

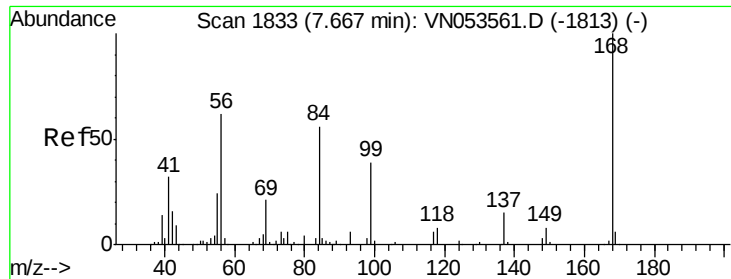
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
Data File : VN053765.D
Acq On : 13 Feb 2019 19:43
Operator : JC/SP
Sample : K1343-30
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Feb 14 00:16:27 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: VN053765.D

Acq: 13 Feb 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

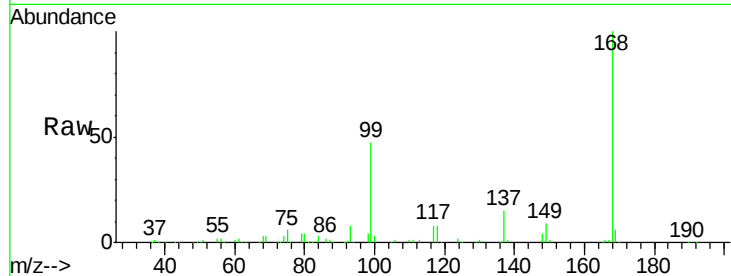
JC-02-021119-O

Tot Ion:168 Resp: 704121

Ion Ratio Lower Upper

168 100

99 47.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

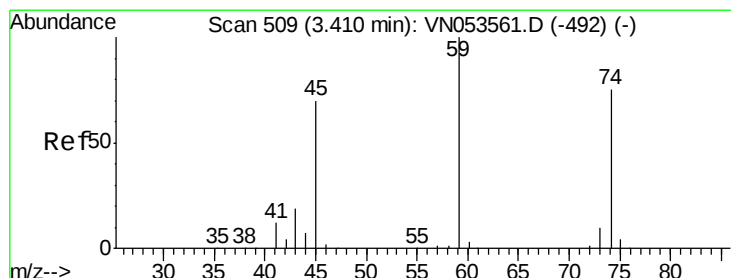
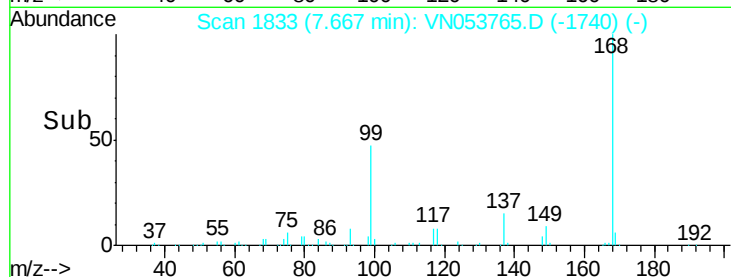
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#8

Diethyl Ether

Concen: 0.221 ug/l

RT: 3.42 min Scan# 512

Delta R.T. 0.01 min

Lab File: VN053765.D

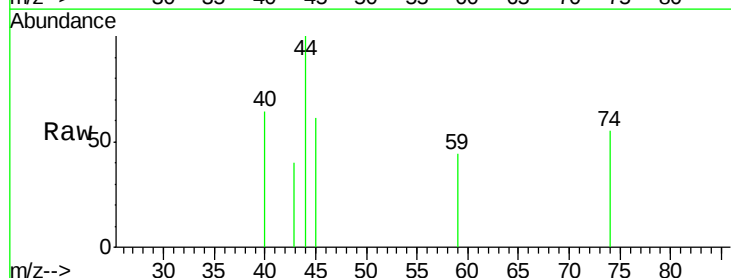
Acq: 13 Feb 2019 19:43

Tgt Ion: 74 Resp: 887

Ion Ratio Lower Upper

74 100

45 171.9 47.9 143.7#



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.42

600

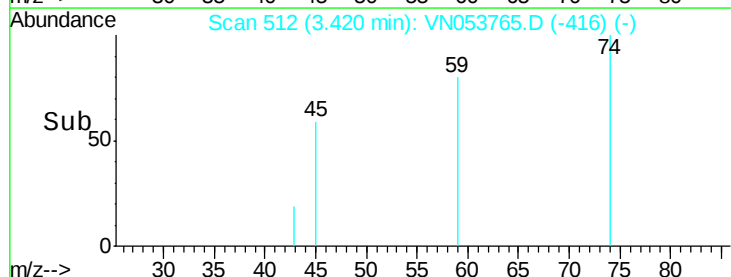
400

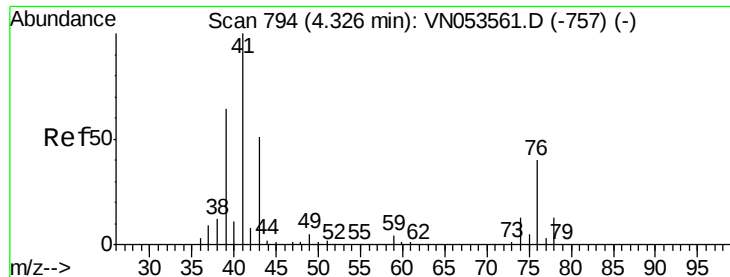
200

0

Time-->

3.38 3.40 3.42 3.44 3.46





#14

Allv1 chloride

Concen: 17.078 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-O

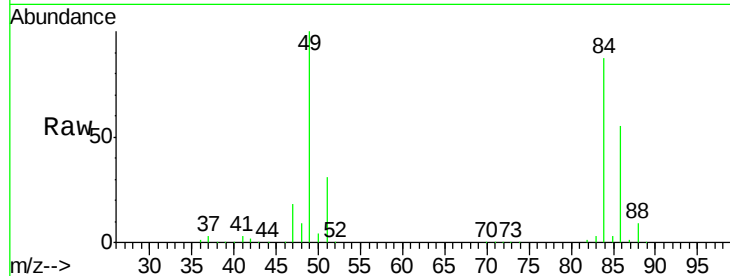
Tot Ion: 41 Resp: 177301

Ion Ratio Lower Upper

41 100

39 0.8 48.9 73.3#

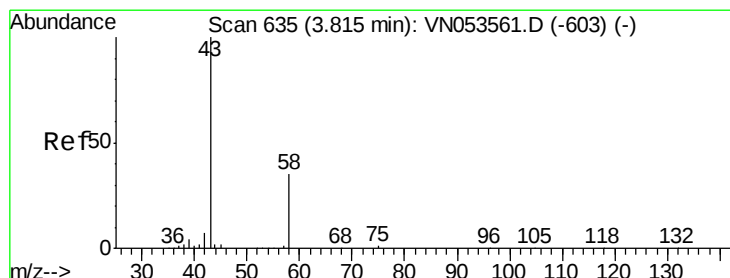
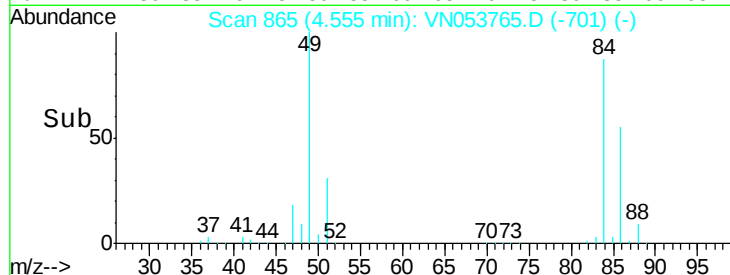
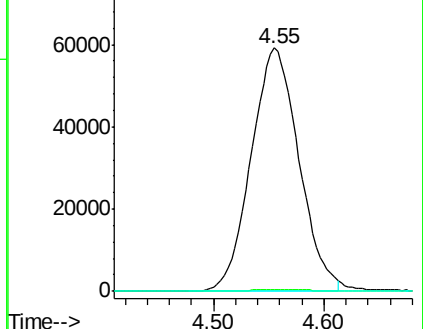
76 0.0 29.4 44.2#



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: 9.972 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053765.D

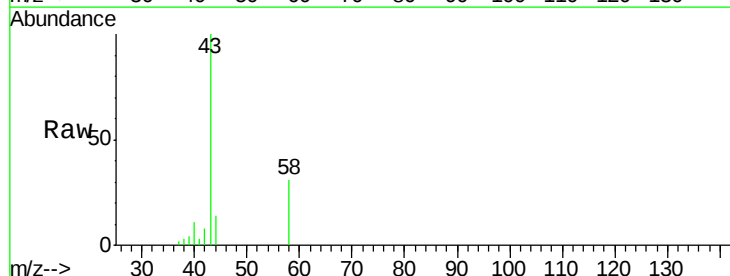
Acq: 13 Feb 2019 19:43

Tgt Ion: 43 Resp: 18068

Ion Ratio Lower Upper

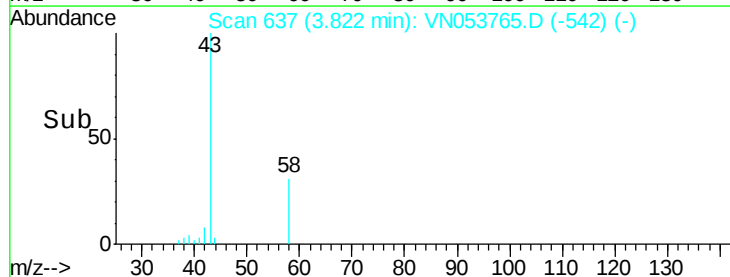
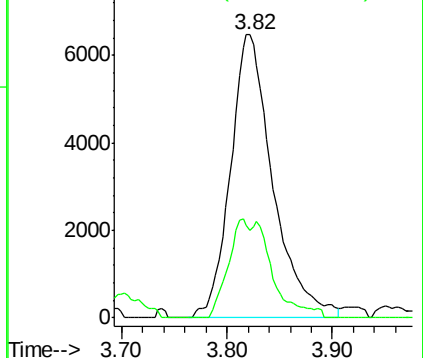
43 100

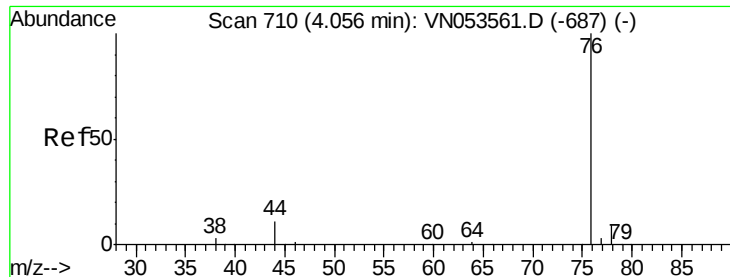
58 31.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

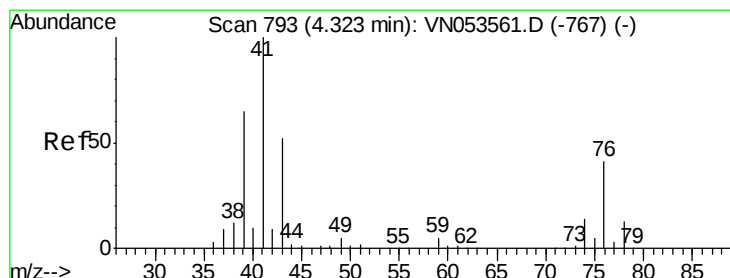
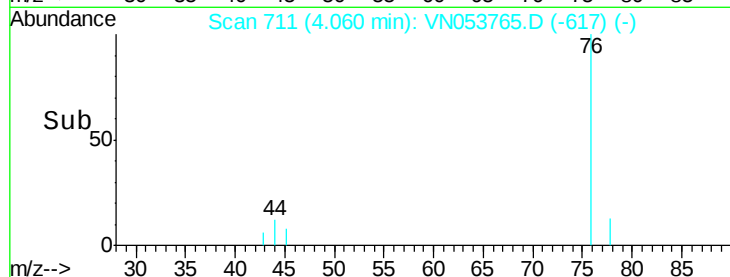
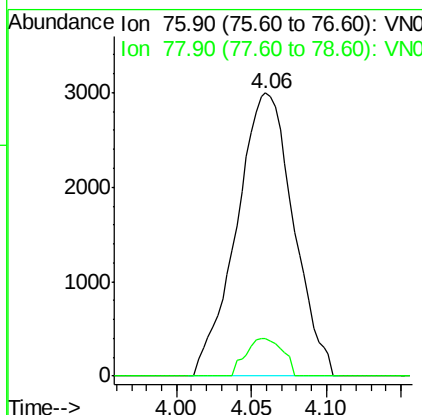
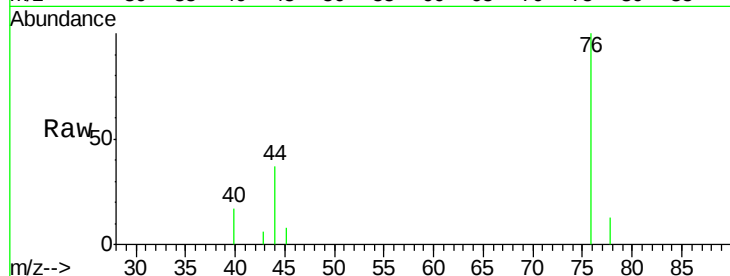




#17
Carbon Disulfide
Concen: 0.391 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053765.D
Acq: 13 Feb 2019 19:43

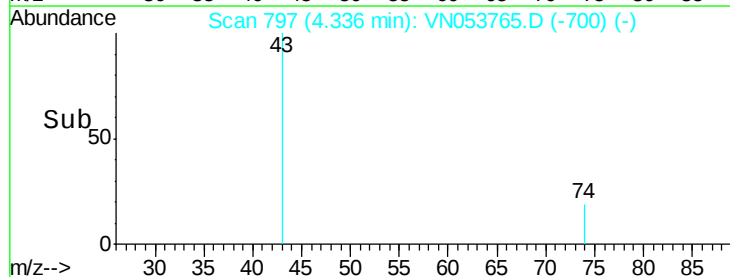
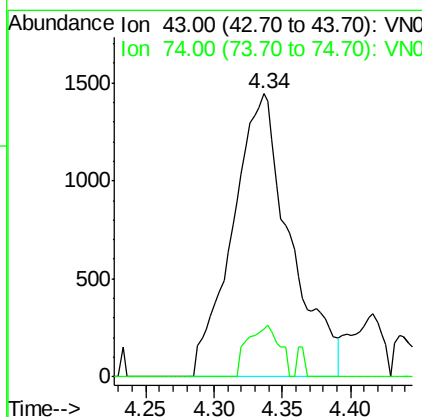
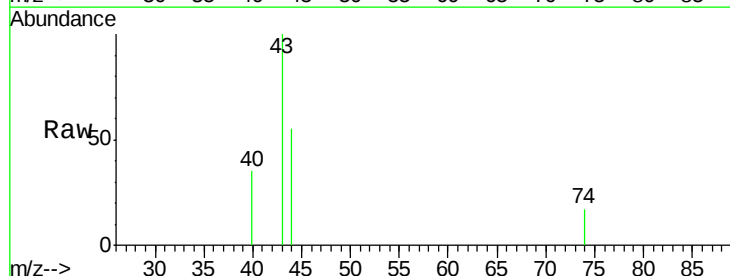
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-O

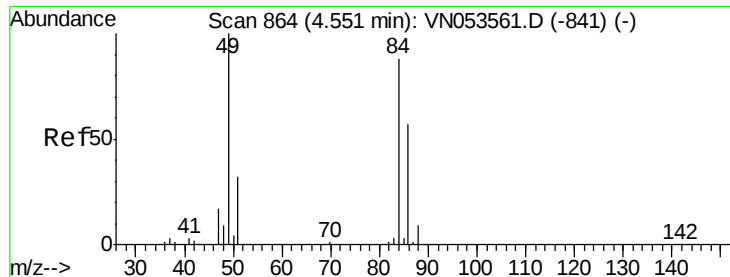
Tot Ion: 76 Resp: 7932
Ion Ratio Lower Upper
76 100
78 13.1 7.3 10.9#



#18
Methyl Acetate
Concen: 0.790 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053765.D
Acq: 13 Feb 2019 19:43

Tgt Ion: 43 Resp: 4238
Ion Ratio Lower Upper
43 100
74 10.0 19.4 29.2#



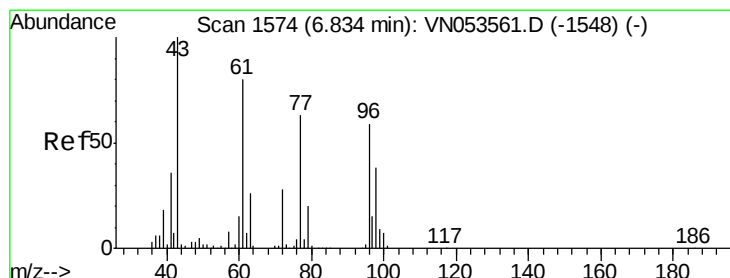
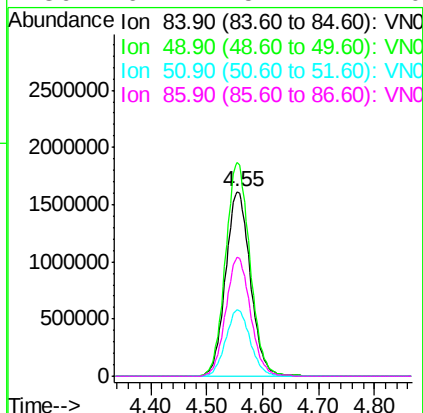
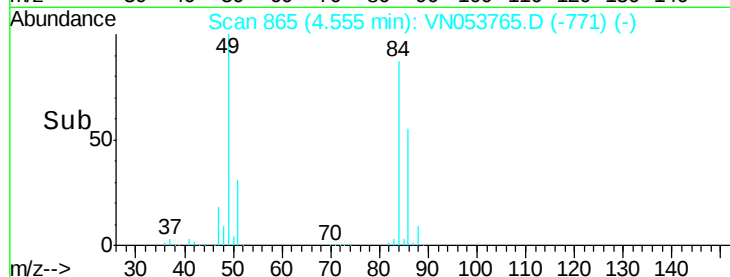
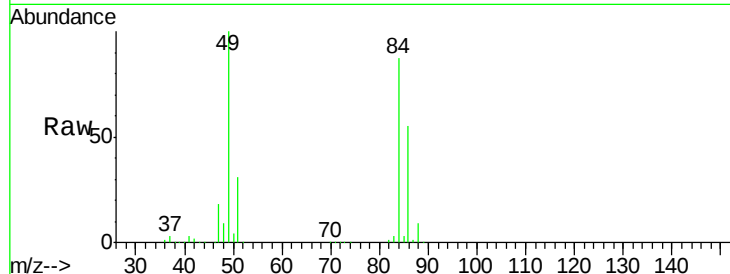


#20
Methvlene Chloride
Concen: 655.833 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053765.D
Acq: 13 Feb 2019 19:43

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

Tot Ion: 84 Resp: 4985289

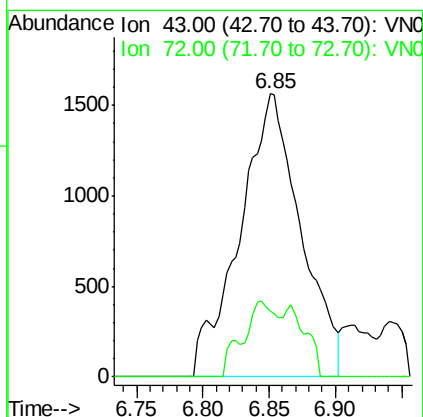
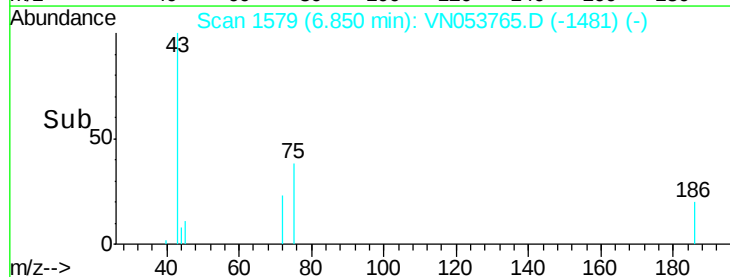
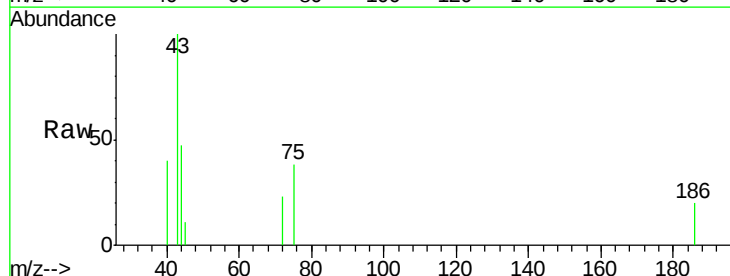
Ion	Ratio	Lower	Upper
84	100		
49	115.6	94.3	141.5
51	35.7	29.4	44.2
86	64.1	51.4	77.0

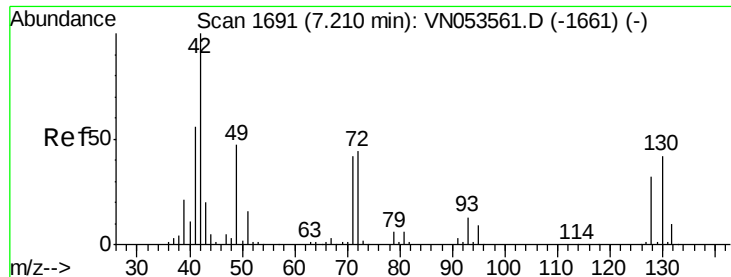


#25
2-Butanone
Concen: 1.947 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053765.D
Acq: 13 Feb 2019 19:43

Tgt Ion: 43 Resp: 5030

Ion	Ratio	Lower	Upper
43	100		
72	23.5	22.0	33.0





#29

Tetrahydrofuran

Concen: 0.408 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-O

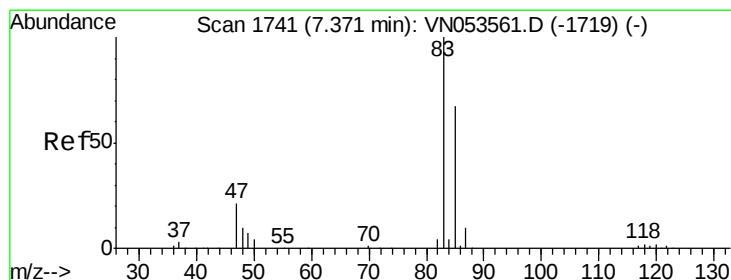
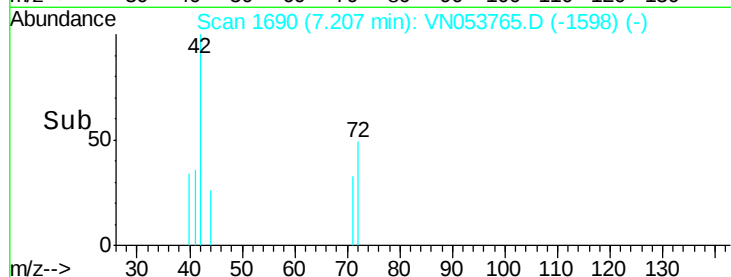
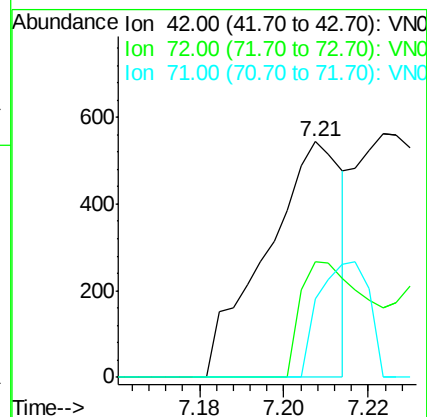
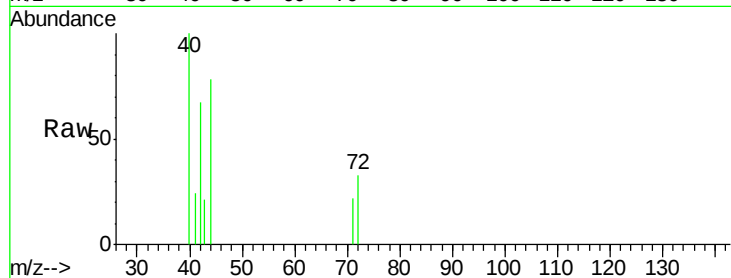
Tot Ion: 42 Resp: 677

Ion Ratio Lower Upper

42 100

72 42.7 35.2 52.8

71 32.3 33.0 49.4#



#30

Chloroform

Concen: 0.244 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN053765.D

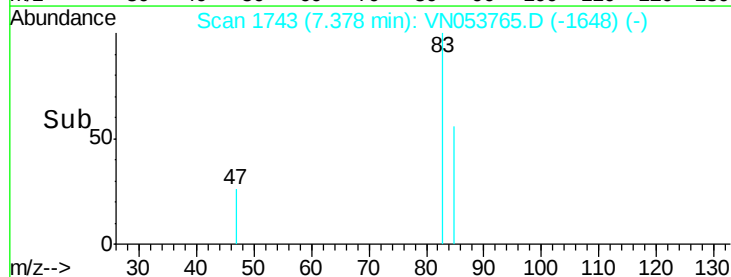
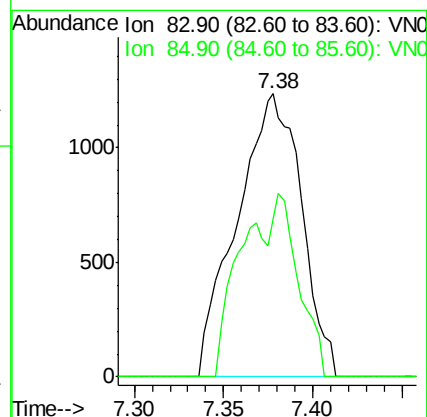
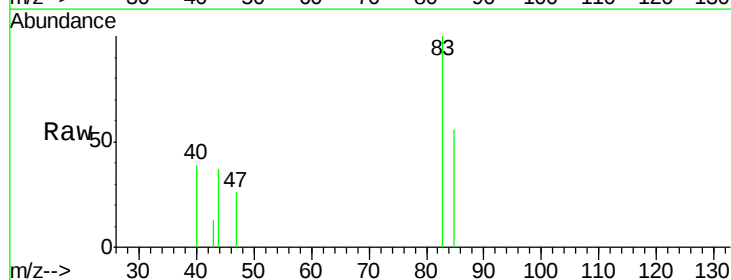
Acq: 13 Feb 2019 19:43

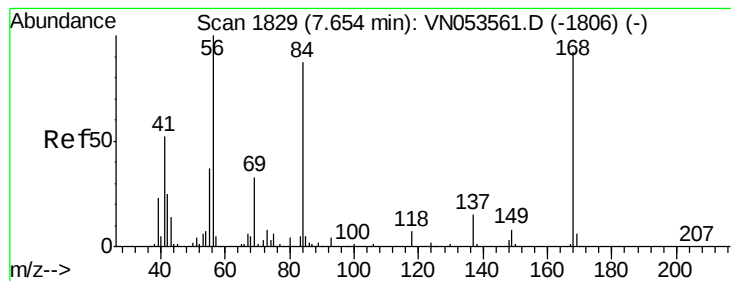
Tgt Ion: 83 Resp: 3109

Ion Ratio Lower Upper

83 100

85 56.0 52.2 78.2





#31

Cvclohexane

Concen: 0.717 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-O

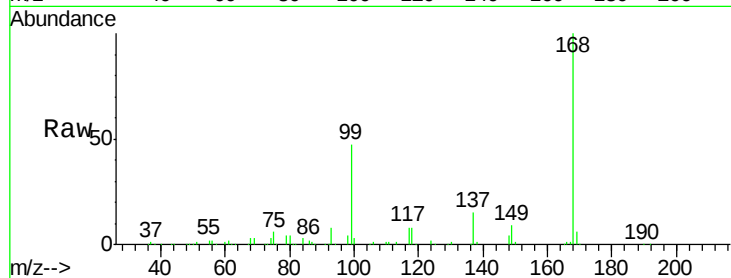
Tot Ion: 56 Resp: 10558

Ion Ratio Lower Upper

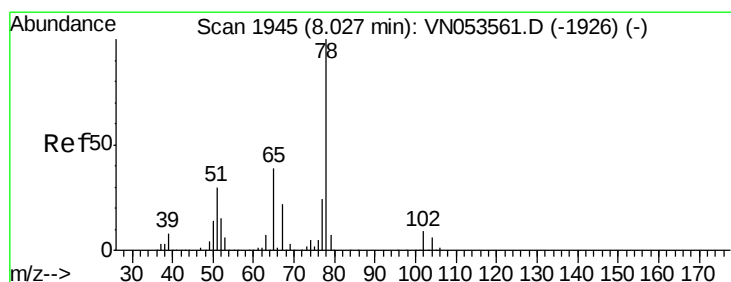
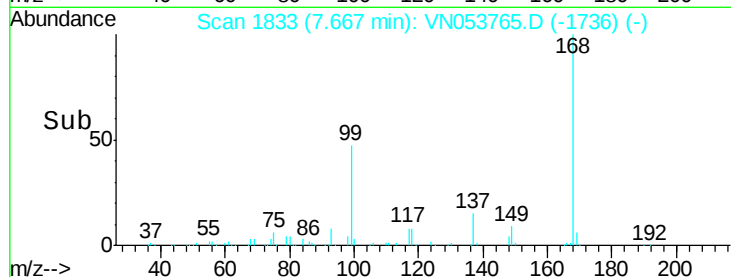
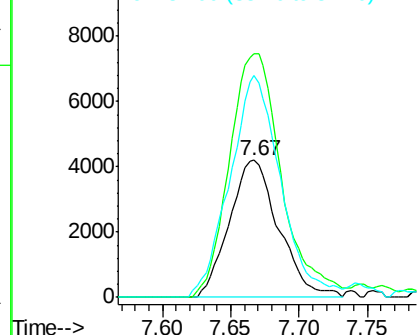
56 100

69 177.9 26.4 39.6#

84 157.4 67.9 101.9#



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 52.312 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053765.D

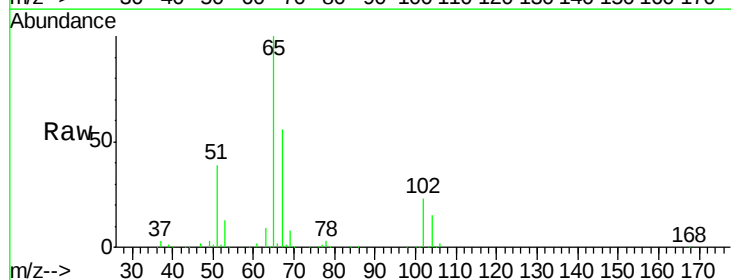
Acq: 13 Feb 2019 19:43

Tgt Ion: 65 Resp: 369513

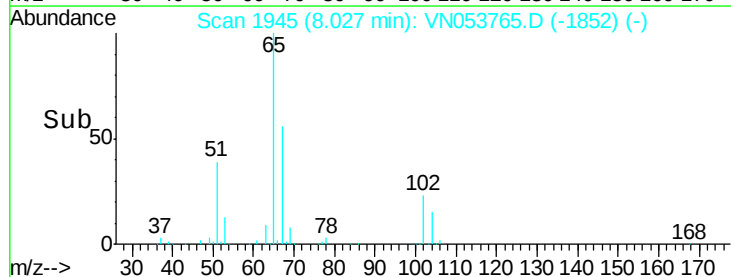
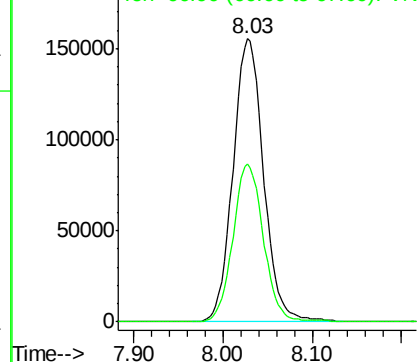
Ion Ratio Lower Upper

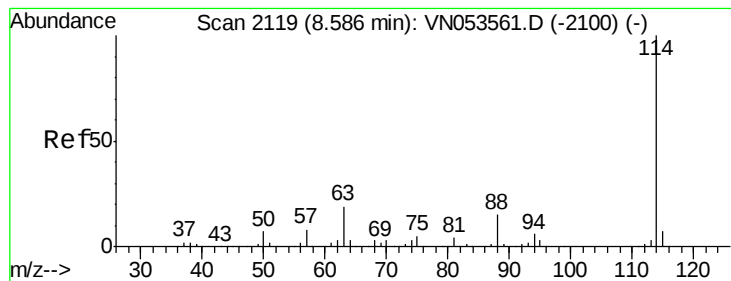
65 100

67 55.7 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-O

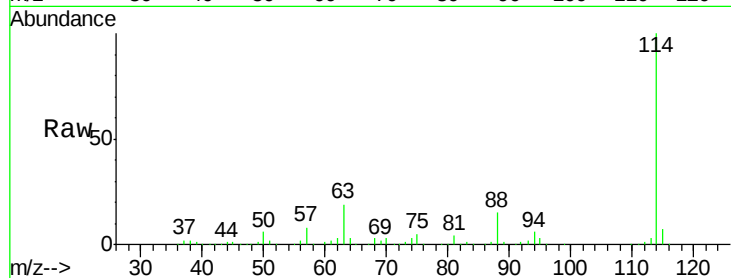
Tot Ion:114 Resp: 1156412

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

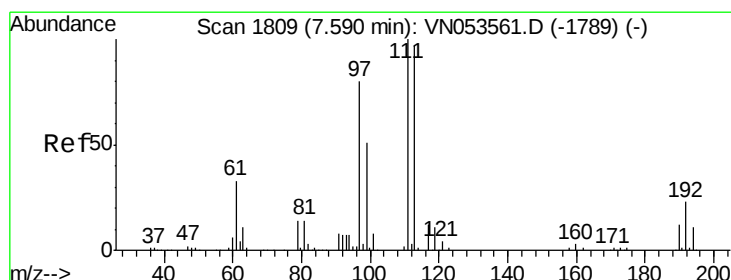
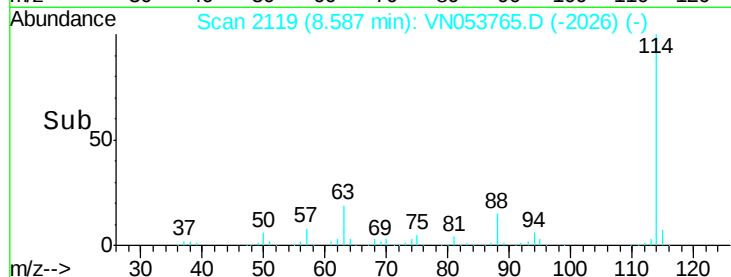
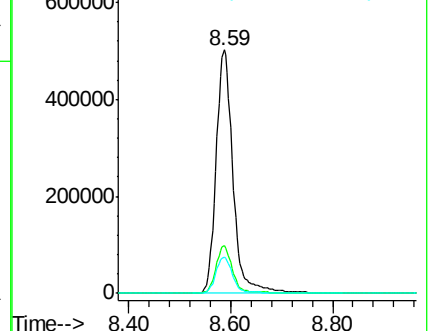
88 14.8 0.0 30.4



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: 50.391 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

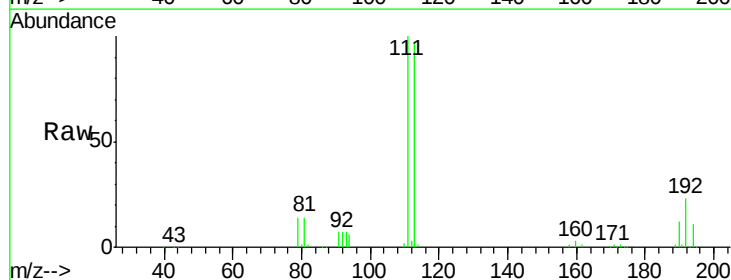
Tgt Ion:113 Resp: 368208

Ion Ratio Lower Upper

113 100

111 103.1 81.1 121.7

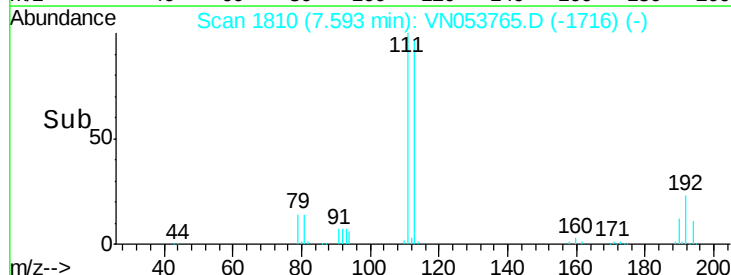
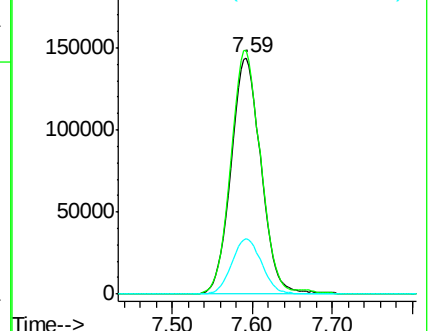
192 23.4 18.2 27.2

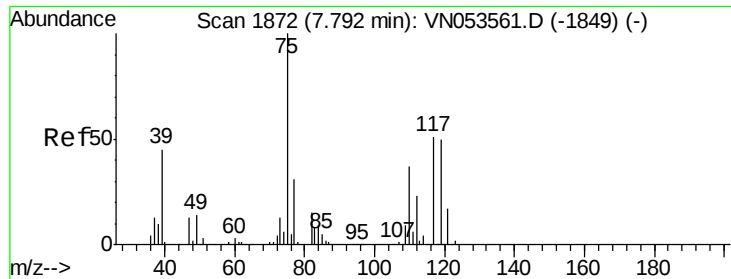


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.964 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-O

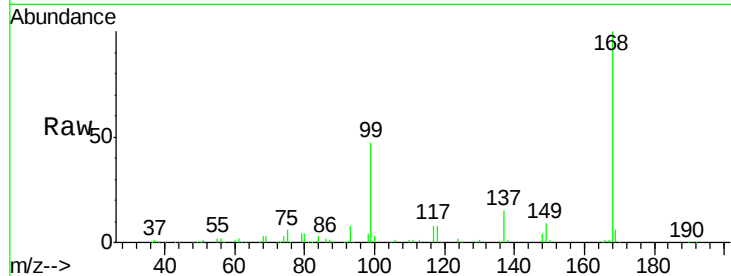
Tot Ion: 75 Resp: 41324

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.3#

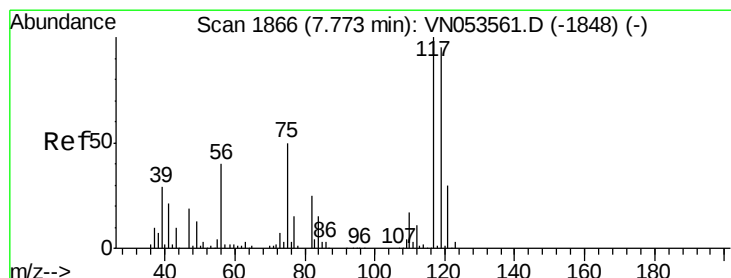
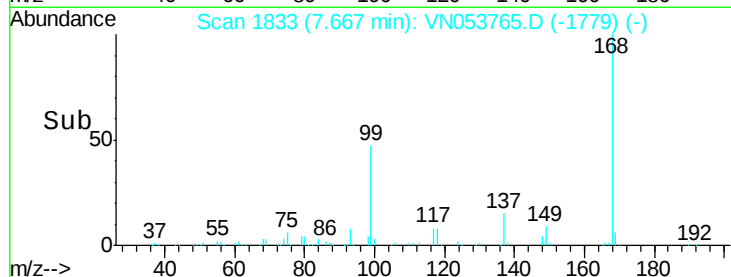
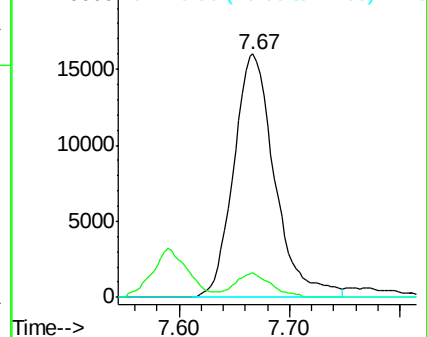
77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 5.281 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

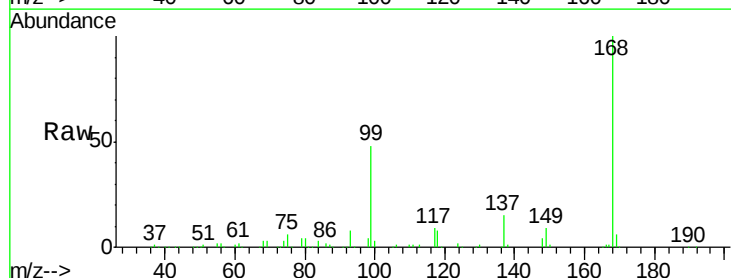
Tgt Ion: 117 Resp: 55460

Ion Ratio Lower Upper

117 100

119 5.6 77.2 115.8#

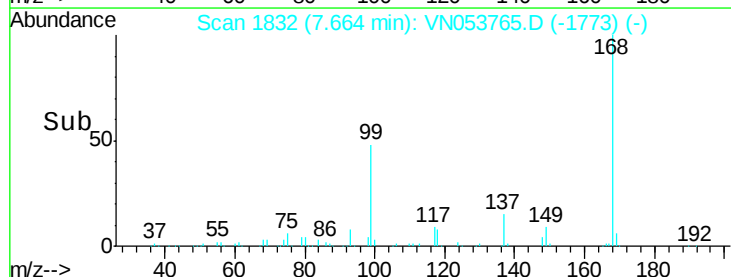
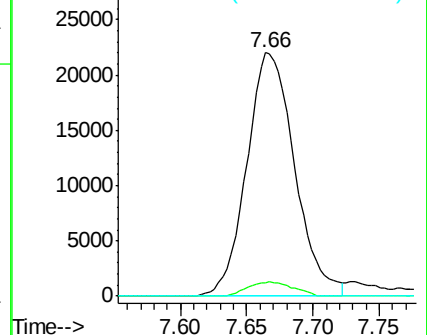
121 0.0 24.6 37.0#

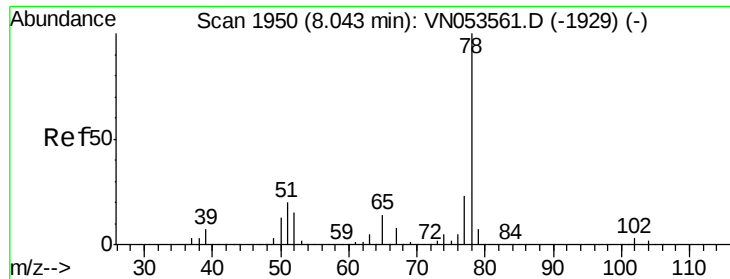


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.584 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

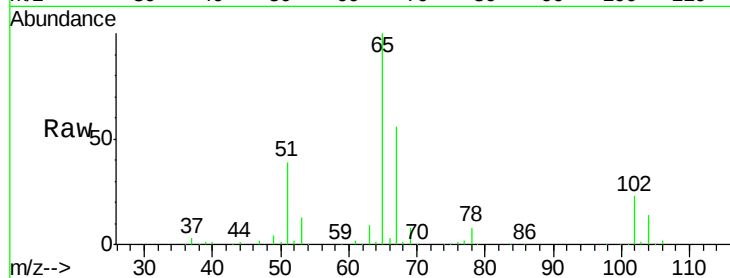
JC-02-021119-O

Tot Ion: 78 Resp: 18771

Ion Ratio Lower Upper

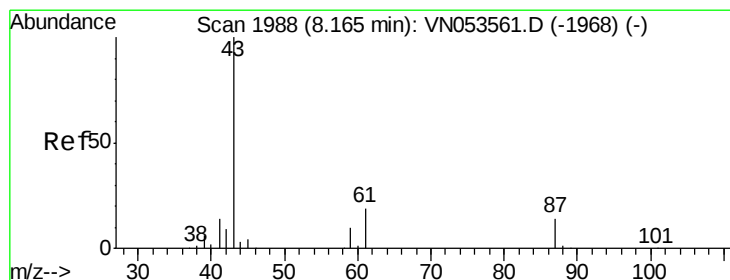
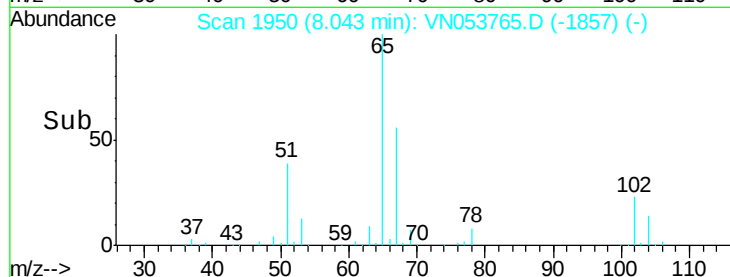
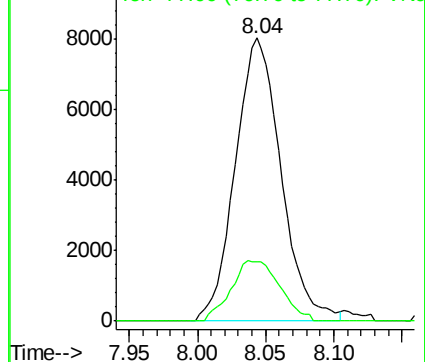
78 100

77 20.9 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#43

Isopropyl Acetate

Concen: 3.193 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

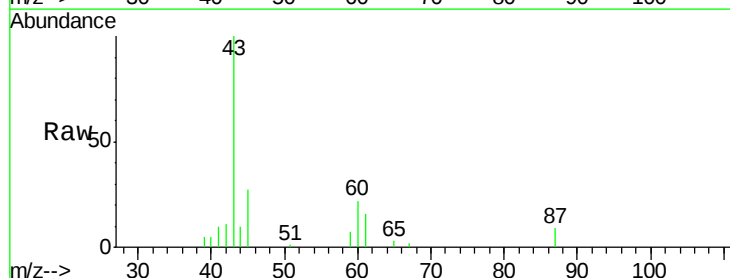
Tgt Ion: 43 Resp: 35905

Ion Ratio Lower Upper

43 100

61 14.1 23.9 35.9#

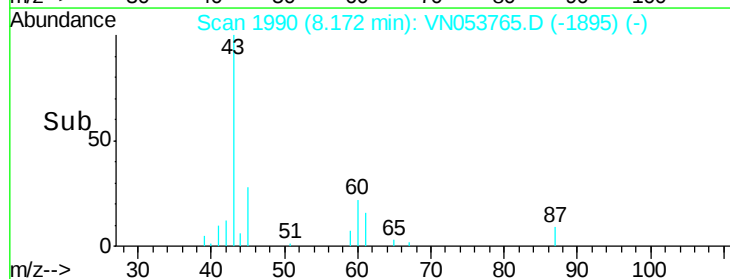
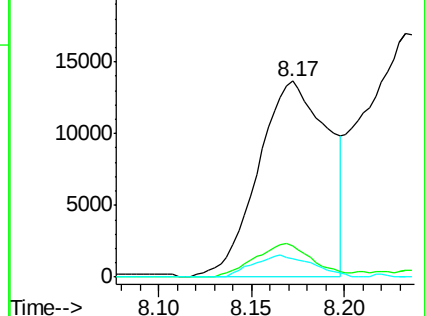
87 9.5 11.0 16.6#

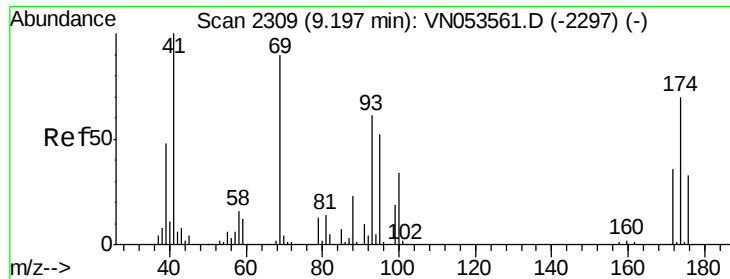


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

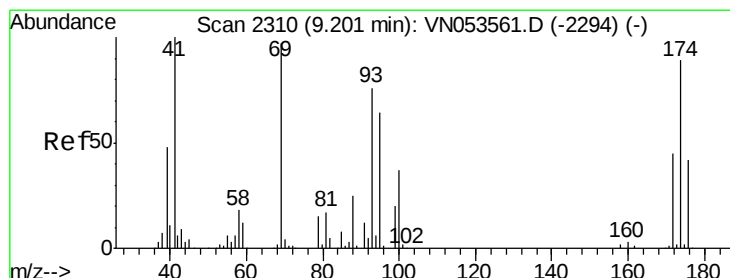
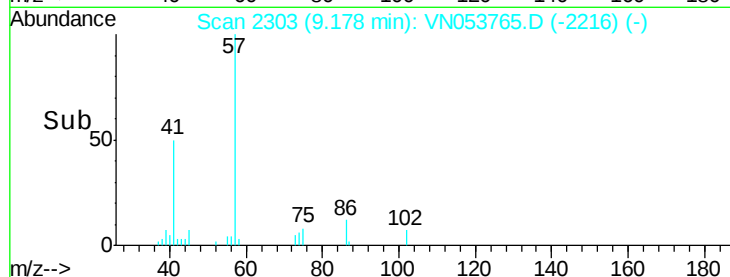
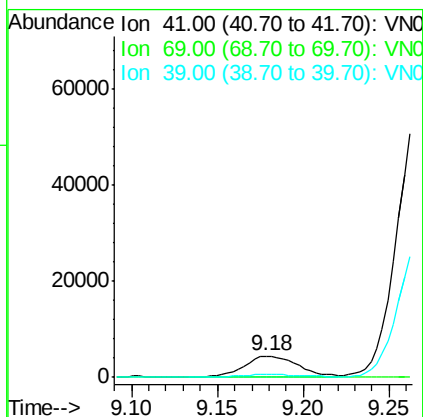
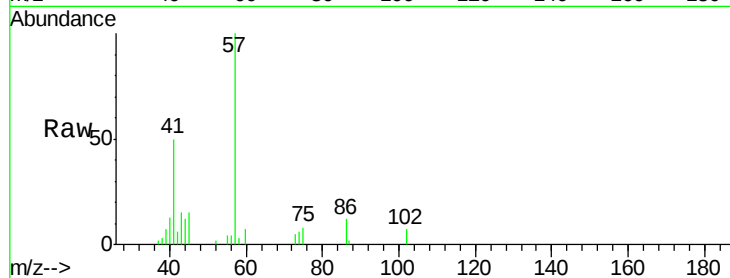




#48
Methyl methacrylate
Concen: 1.784 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053765.D
Acq: 13 Feb 2019 19:43

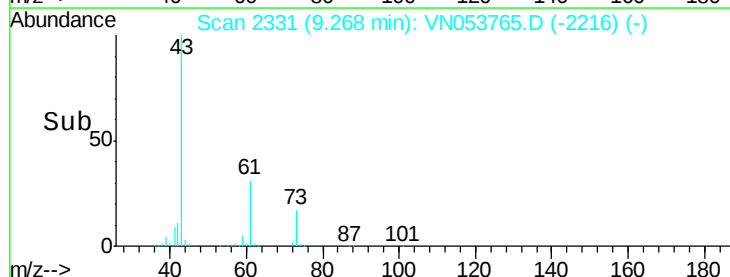
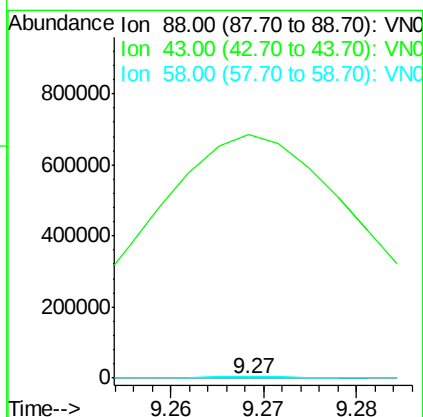
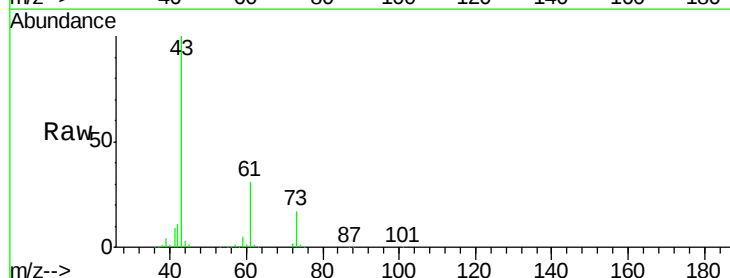
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-O

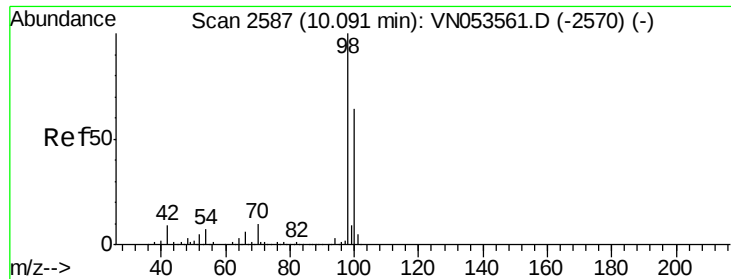
Tot Ion: 41 Resp: 9573
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#



#49
1,4-Dioxane
Concen: 39.877 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053765.D
Acq: 13 Feb 2019 19:43

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 2197515.9 27.8 41.6#
58 10785.7 56.5 84.7#

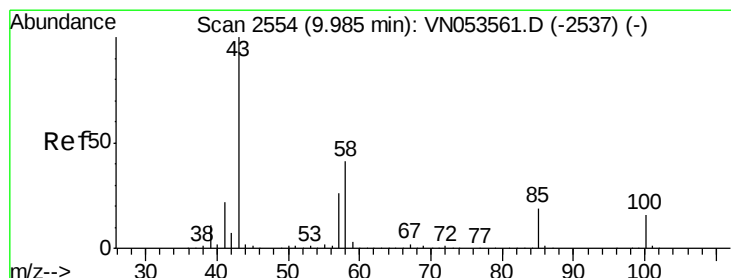
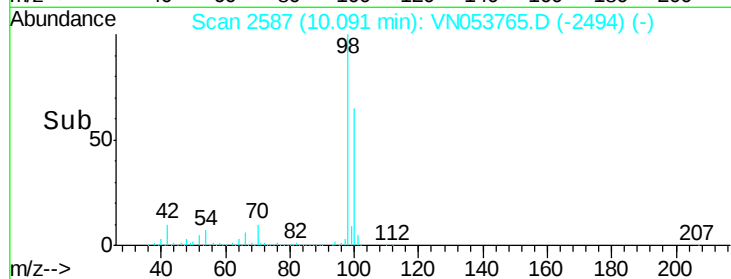
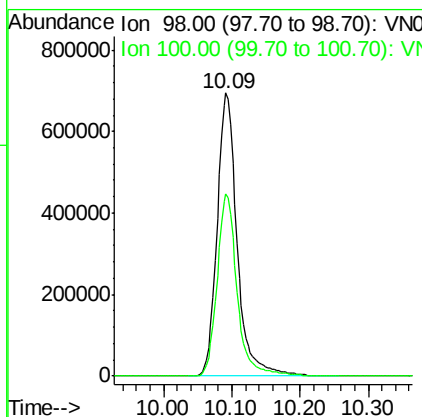
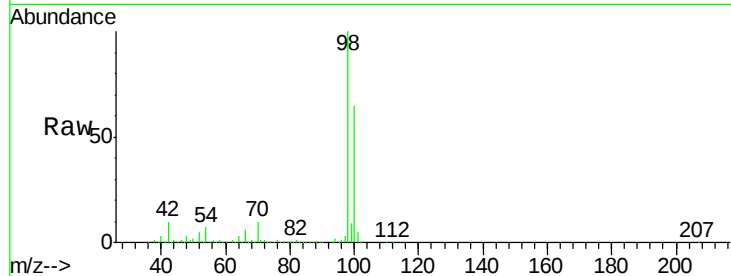




#50
Toluene-d8
Concen: 51.653 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053765.D
Acq: 13 Feb 2019 19:43

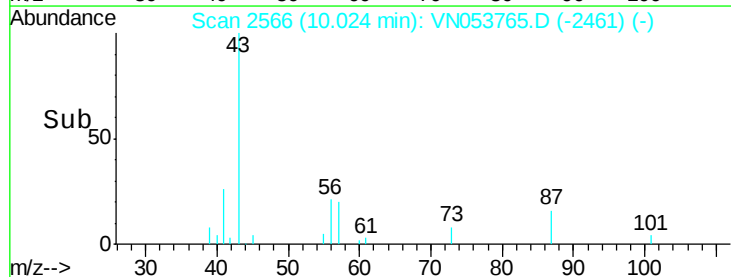
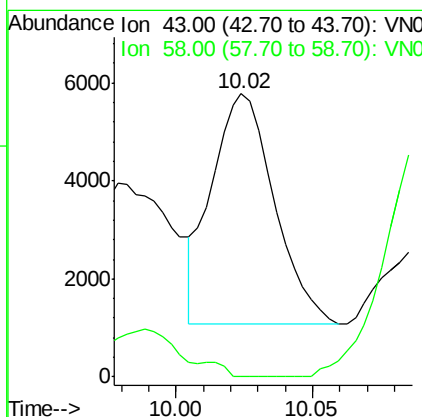
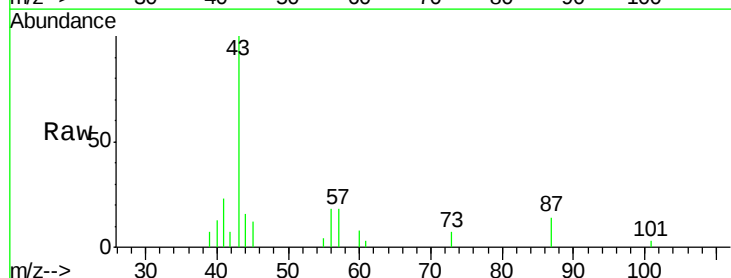
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-O

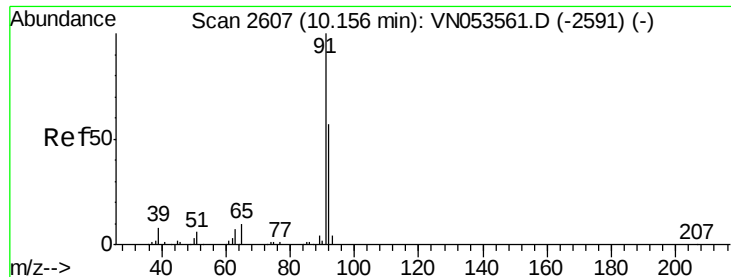
Tot Ion: 98 Resp: 1417181
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.352 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053765.D
Acq: 13 Feb 2019 19:43

Tgt Ion: 43 Resp: 7469
Ion Ratio Lower Upper
43 100
58 0.0 32.8 49.2#





#52

Toluene

Concen: 0.364 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

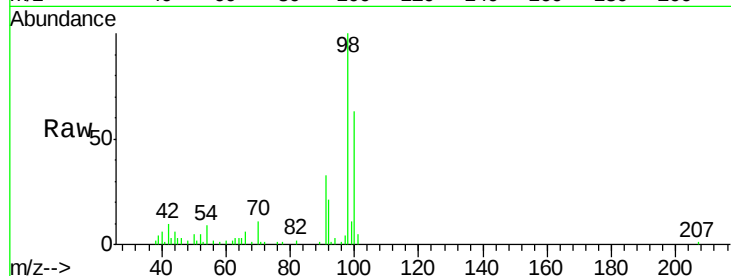
JC-02-021119-O

Tot Ion: 92 Resp: 6943

Ion Ratio Lower Upper

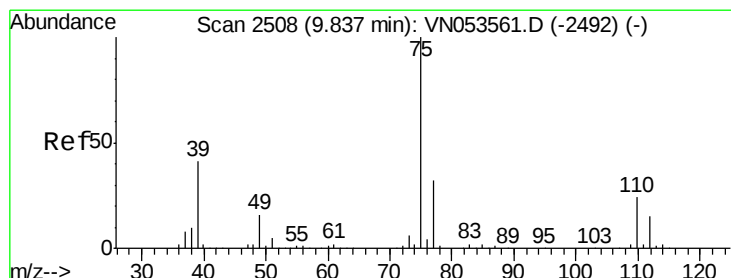
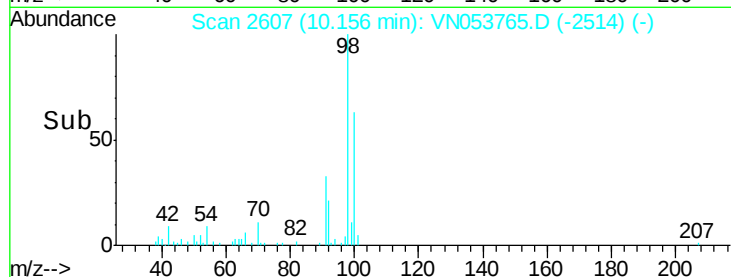
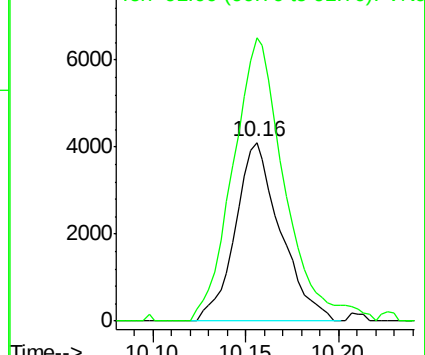
92 100

91 181.2 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.439 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

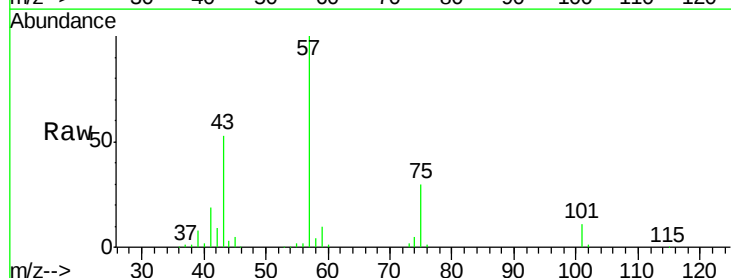
Tgt Ion: 75 Resp: 66507

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

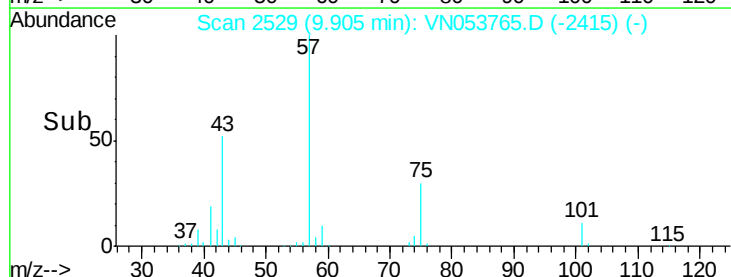
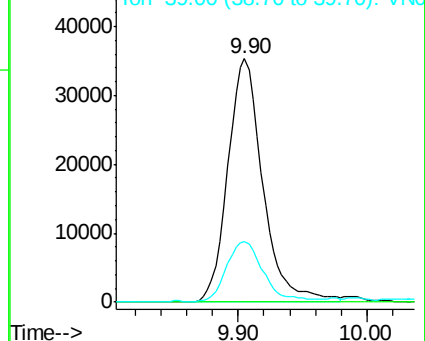
39 25.0 33.4 50.0#

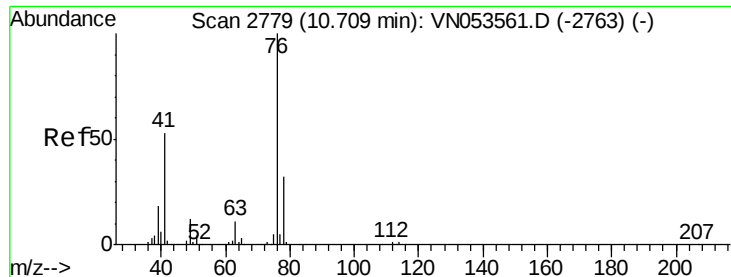


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

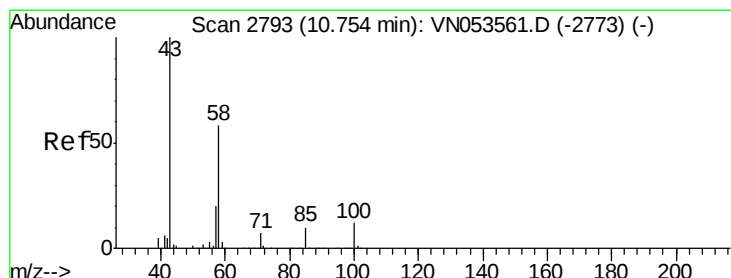
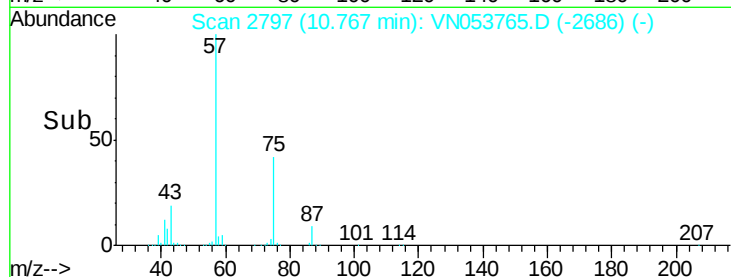
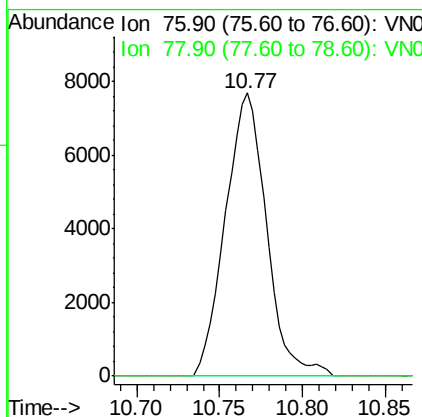
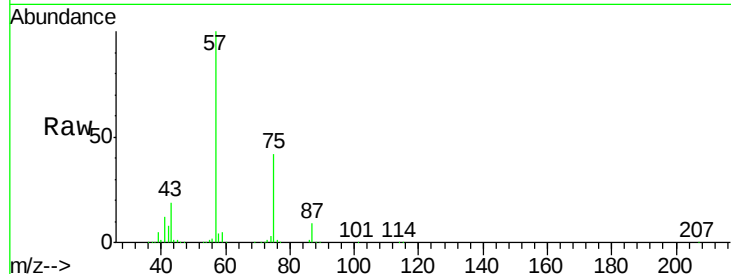




#57
 1,3-Dichloropropane
 Concen: 1.131 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN053765.D
 Acq: 13 Feb 2019 19:43

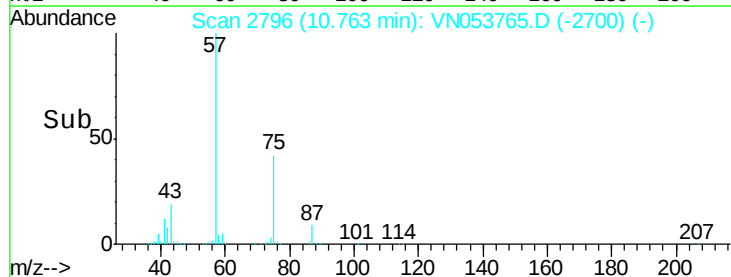
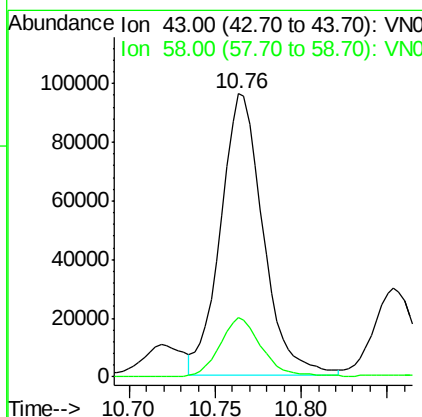
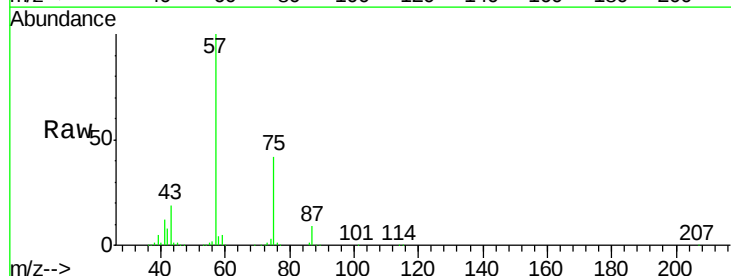
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-O

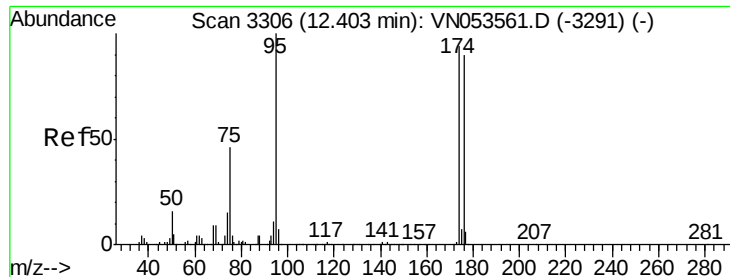
Tot Ion: 76 Resp: 13283
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 44.111 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053765.D
 Acq: 13 Feb 2019 19:43

Tgt Ion: 43 Resp: 165452
 Ion Ratio Lower Upper
 43 100
 58 20.9 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: 51.329 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

Instrument :

MSVOA_N

ClientSampled :

JC-02-021119-O

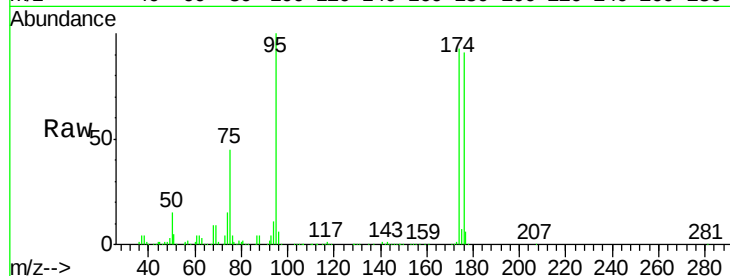
Tot Ion: 95 Resp: 469686

Ion Ratio Lower Upper

95 100

174 94.0 0.0 183.2

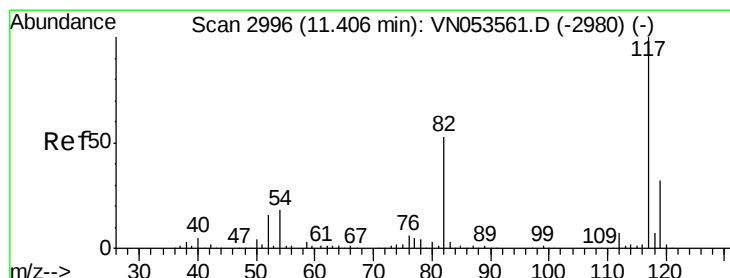
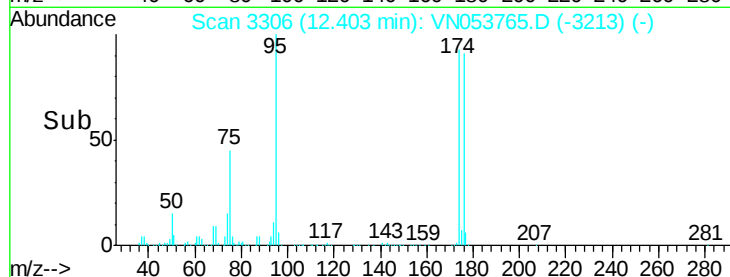
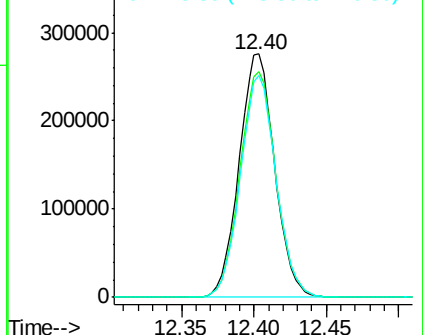
176 91.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053765.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053765.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053765.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

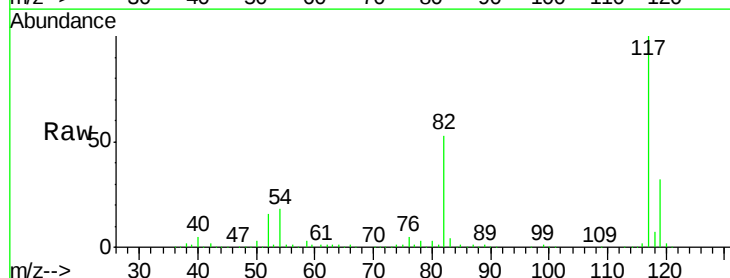
Tgt Ion: 117 Resp: 1083600

Ion Ratio Lower Upper

117 100

82 52.6 42.9 64.3

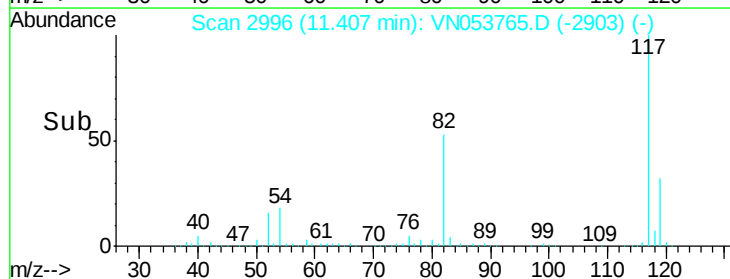
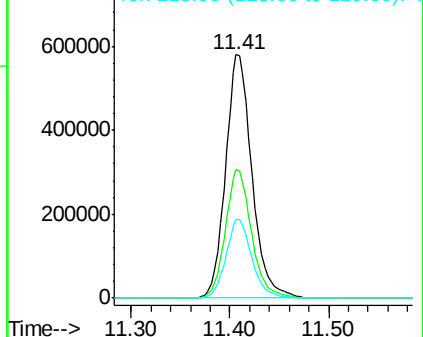
119 32.1 26.0 39.0

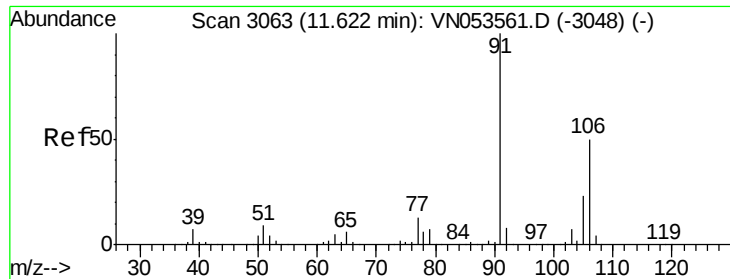


Abundance Ion 116.90 (116.60 to 117.60): VN053765.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053765.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053765.D (-2980) (-)

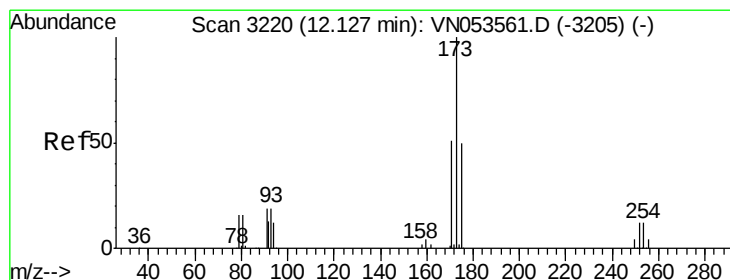
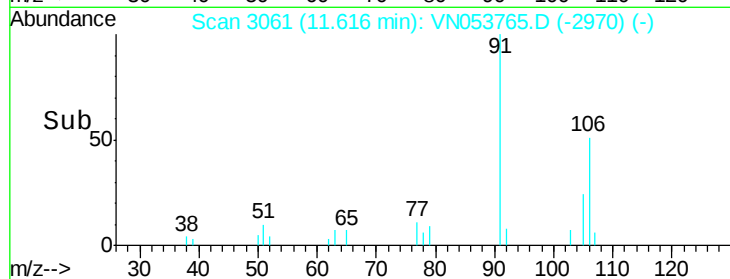
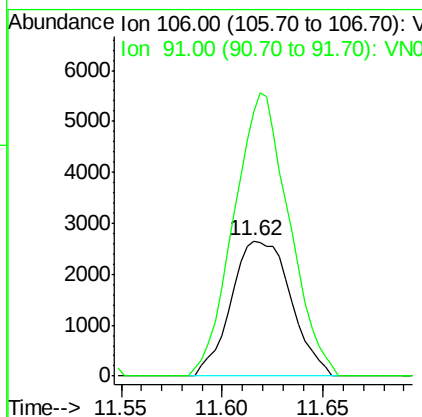
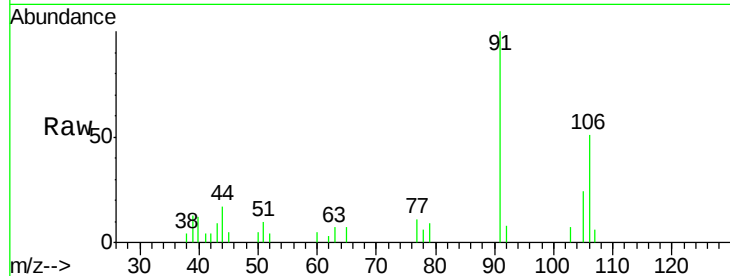




#68
m/p-Xvlenes
Concen: 0.380 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053765.D
Acq: 13 Feb 2019 19:43

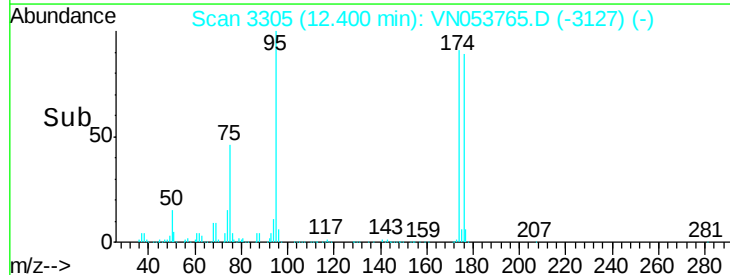
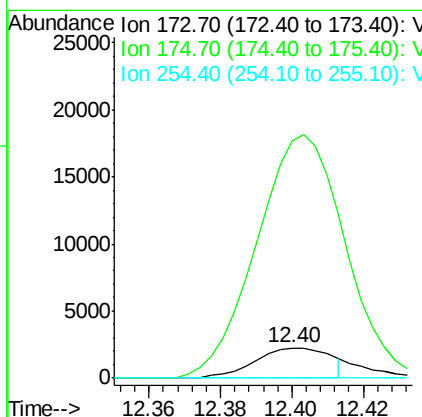
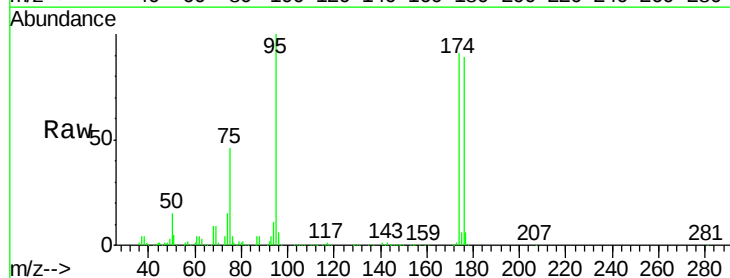
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-O

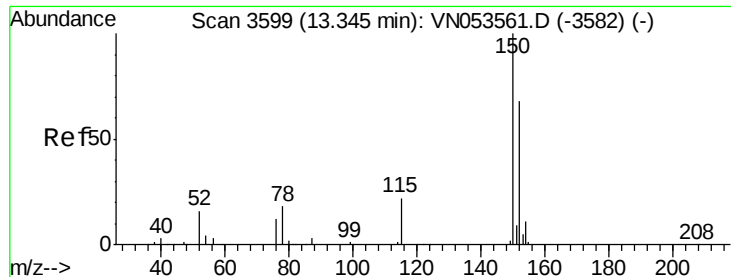
Tot Ion:106 Resp: 5482
Ion Ratio Lower Upper
106 100
91 194.1 161.4 242.2



#71
Bromoform
Concen: 0.601 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053765.D
Acq: 13 Feb 2019 19:43

Tgt Ion:173 Resp: 3313
Ion Ratio Lower Upper
173 100
175 807.1 24.6 74.0#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-O

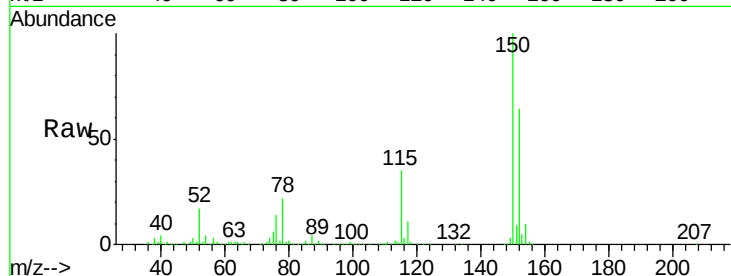
Tot Ion:152 Resp: 448370

Ion Ratio Lower Upper

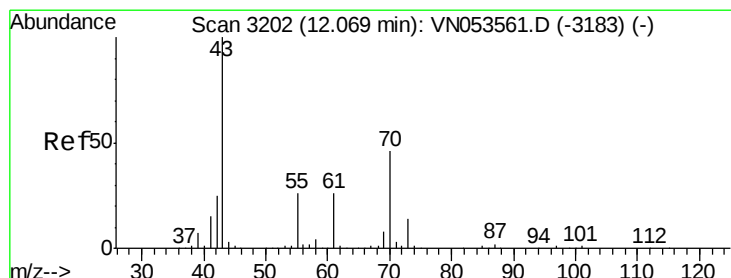
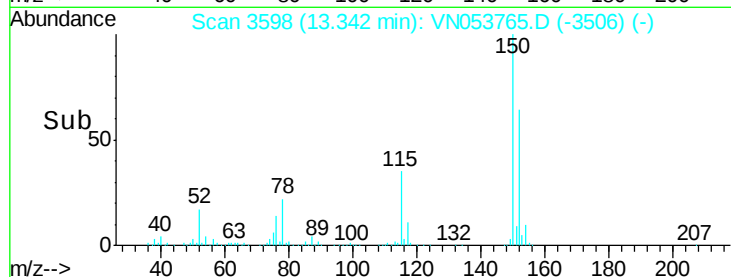
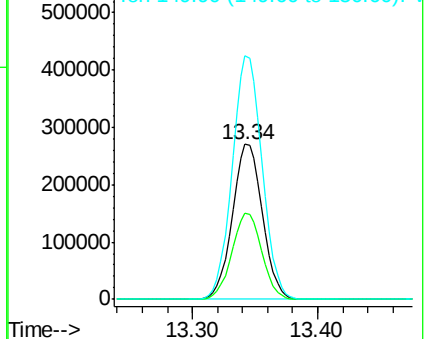
152 100

115 55.5 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: 2.239 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

Tgt Ion: 43 Resp: 16969

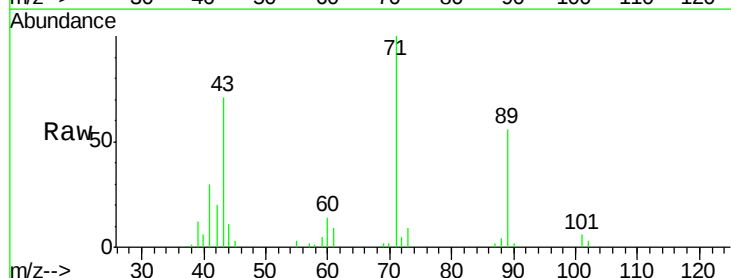
Ion Ratio Lower Upper

43 100

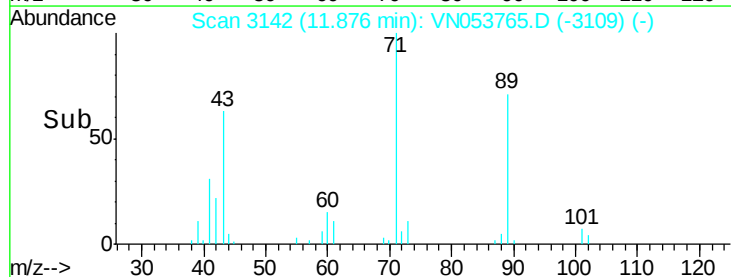
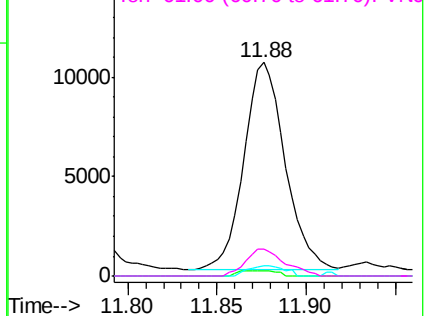
70 2.3 35.4 53.2#

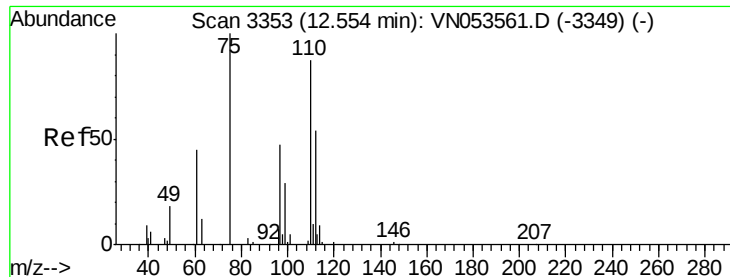
55 4.3 20.9 31.3#

61 12.2 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: 37.530 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

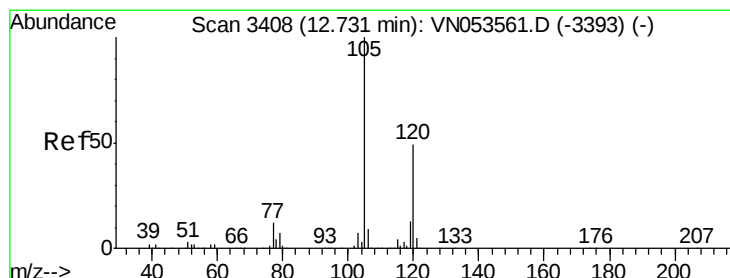
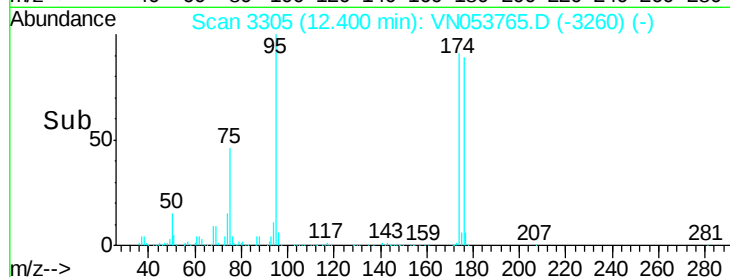
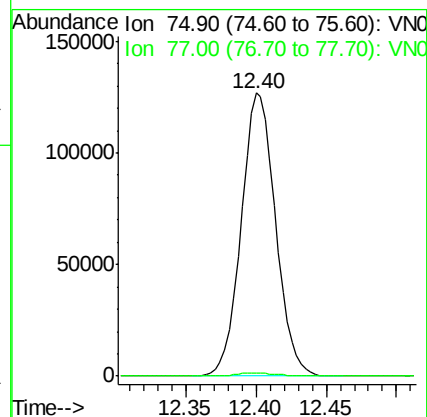
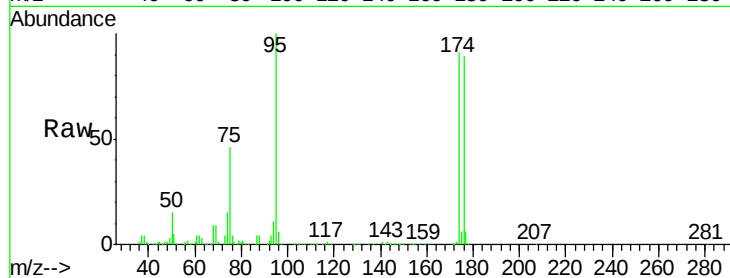
JC-02-021119-O

Tot Ion: 75 Resp: 216135

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.351 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053765.D

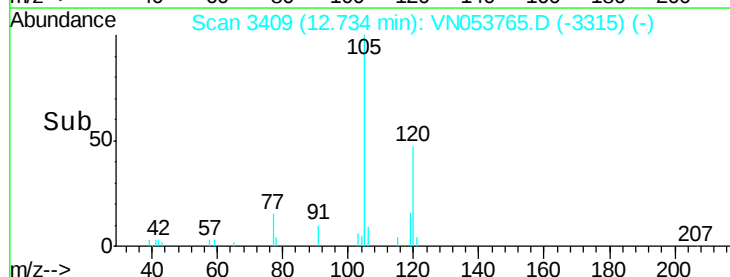
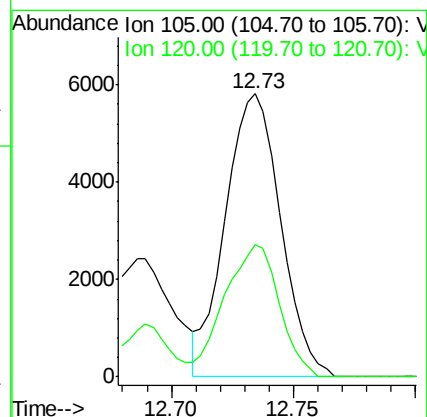
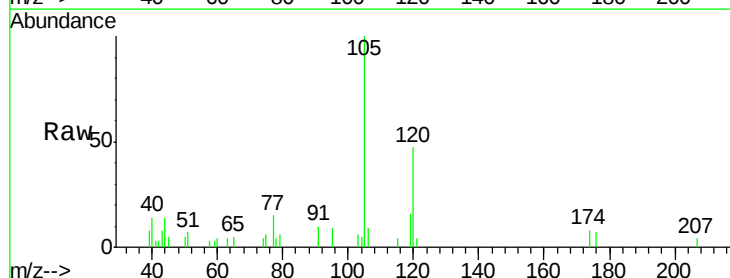
Acq: 13 Feb 2019 19:43

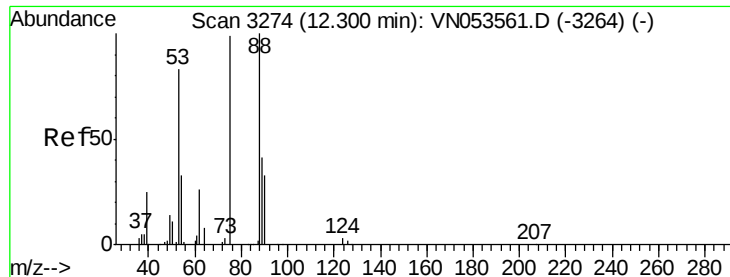
Tgt Ion: 105 Resp: 9170

Ion Ratio Lower Upper

105 100

120 46.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 105.531 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-O

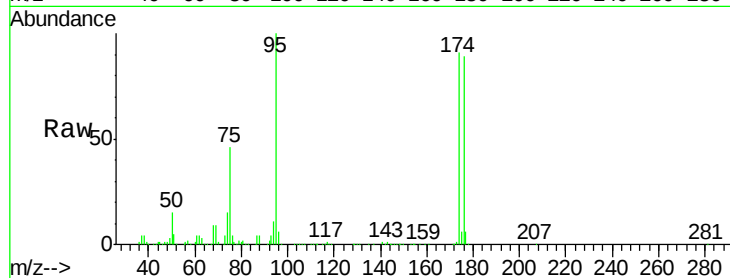
Tot Ion: 75 Resp: 216135

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

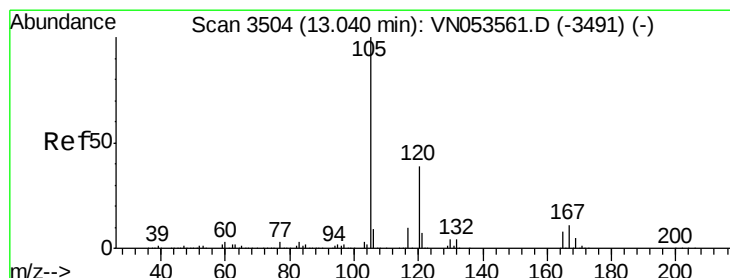
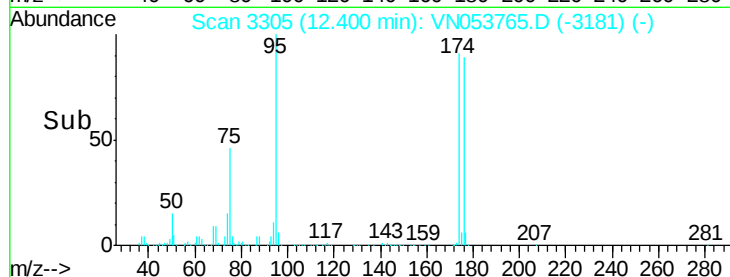
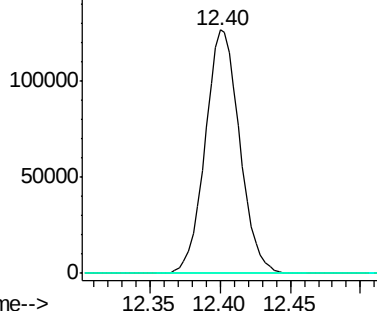
89 0.0 35.6 53.4#



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: 0.608 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053765.D

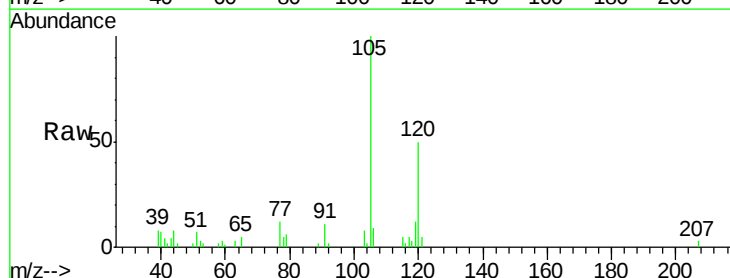
Acq: 13 Feb 2019 19:43

Tgt Ion: 105 Resp: 16202

Ion Ratio Lower Upper

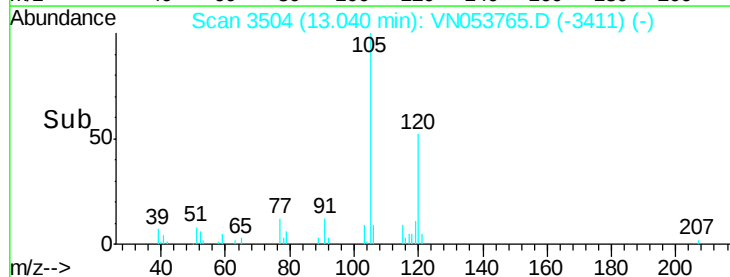
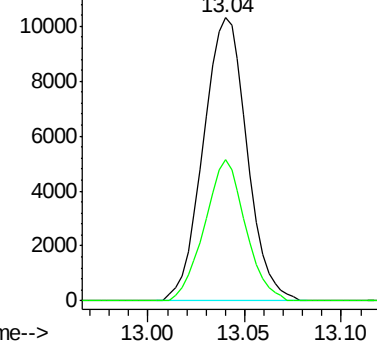
105 100

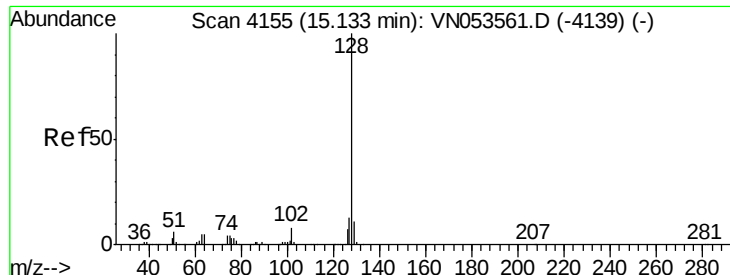
120 46.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.924 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053765.D

Acq: 13 Feb 2019 19:43

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-O

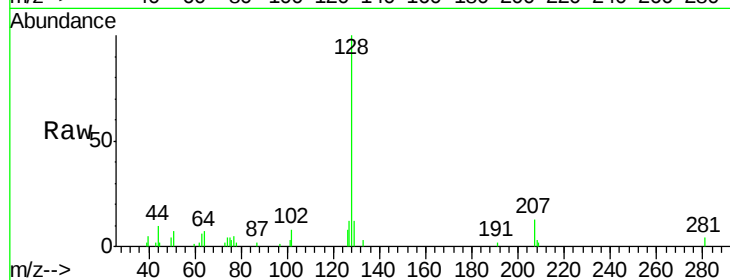
Tot Ion:128 Resp: 24225

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.9 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

