

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053750.D
 Acq On : 13 Feb 2019 13:01
 Operator : JC/SP
 Sample : K1343-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 14 00:09:22 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	695578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1145264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1077233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	448437	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	370060	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
35) Dibromofluoromethane	7.59	113	366696	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
50) Toluene-d8	10.09	98	1396480	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.40	95	463073	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	

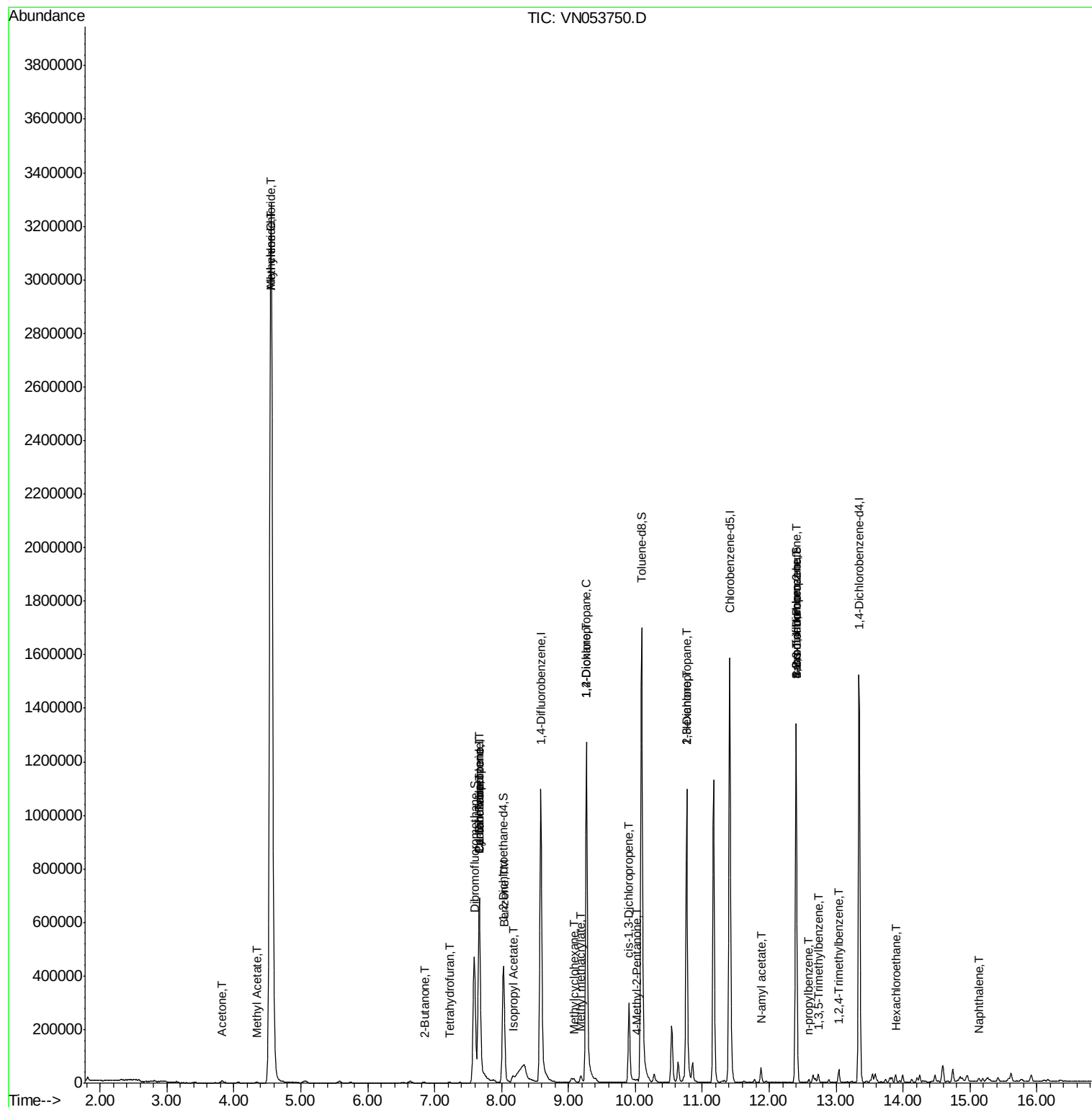
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.56	41	96409	9.400	ug/l #	27
16) Acetone	3.82	43	13320	7.442	ug/l	99
18) Methyl Acetate	4.34	43	1878	0.354	ug/l #	69
20) Methylene Chloride	4.55	84	2662133	354.514	ug/l	98
25) 2-Butanone	6.84	43	2177	0.853	ug/l	90
29) Tetrahydrofuran	7.22	42	771	0.470	ug/l #	50
31) Cyclohexane	7.67	56	12110	0.860	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40113	3.885	ug/l #	50
38) Carbon Tetrachloride	7.66	117	55322	5.319	ug/l #	17
39) Methylcyclohexane	9.08	83	5889	0.481	ug/l	86
40) Benzene	8.04	78	14032	0.441	ug/l	99
43) Isopropyl Acetate	8.18	43	27764	2.493	ug/l #	87
45) 1,2-Dichloropropane	9.27	63	1796	0.221	ug/l #	43
48) Methyl methacrylate	9.18	41	8322	1.566	ug/l #	12
49) 1,4-Dioxane	9.27	88	33	39.510	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	6635	1.213	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	64304	5.310	ug/l #	62
57) 1,3-Dichloropropane	10.77	76	12001	1.031	ug/l #	43
59) 2-Hexanone	10.77	43	160764	43.278	ug/l #	51
71) Bromoform	12.40	173	2791	0.509	ug/l #	1
74) N-amyl acetate	11.88	43	17350	2.289	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	213813	37.121	ug/l #	100
78) n-propylbenzene	12.59	91	9441	0.259	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	15796	0.604	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	213813	104.381	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	29516	1.108	ug/l	100
90) Hexachloroethane	13.89	117	1867	0.412	ug/l #	3
95) Naphthalene	15.13	128	11806	2.315	ug/l	97

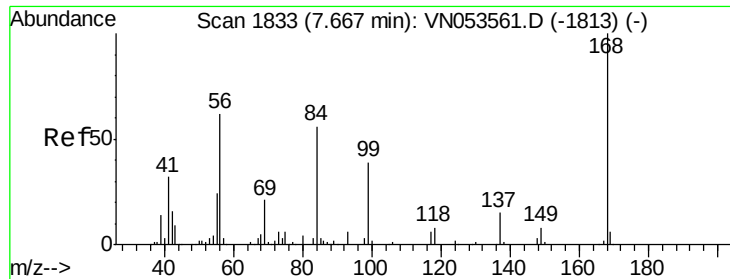
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053750.D

Acq: 13 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

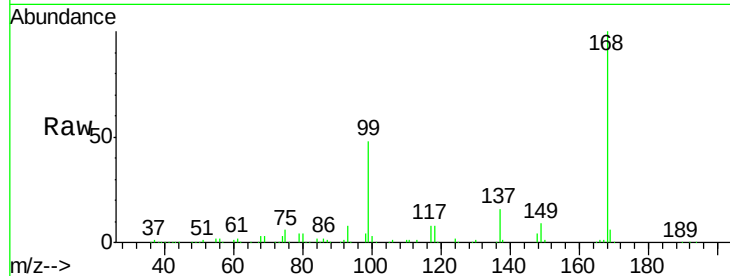
JC-02-021119-A

Tot Ion:168 Resp: 695578

Ion Ratio Lower Upper

168 100

99 48.1 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

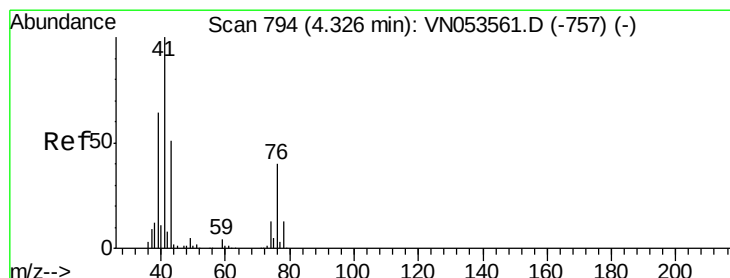
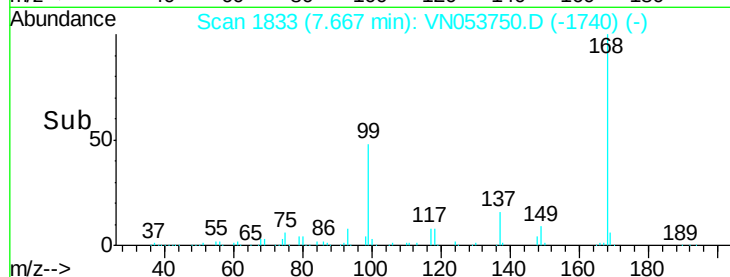
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#14

Allyl chloride

Concen: 9.400 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.23 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

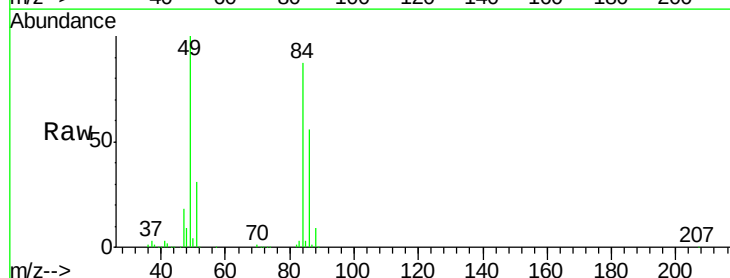
Tgt Ion: 41 Resp: 96409

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): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

40000

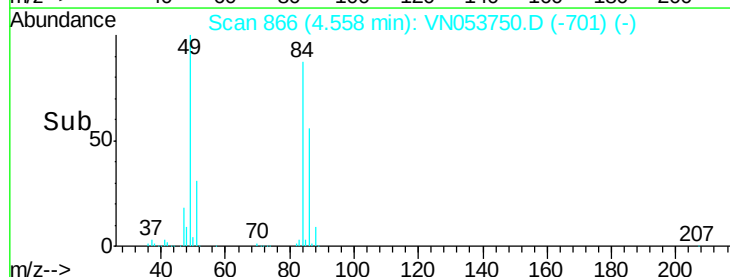
30000

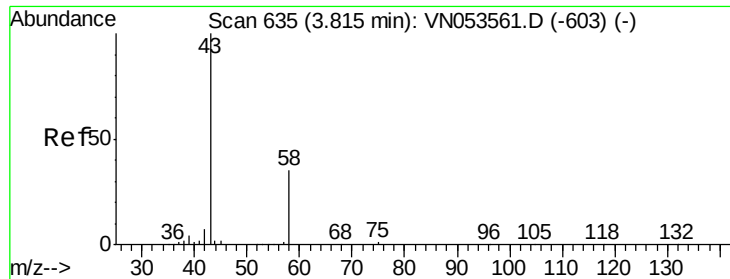
20000

10000

0

Time--> 4.45 4.50 4.55 4.60 4.65





#16

Acetone

Concen: 7.442 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

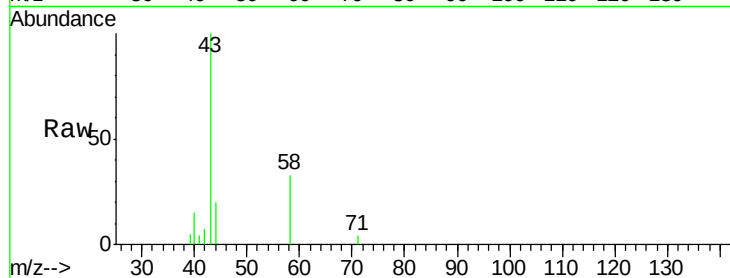
JC-02-021119-A

Tot Ion: 43 Resp: 13320

Ion Ratio Lower Upper

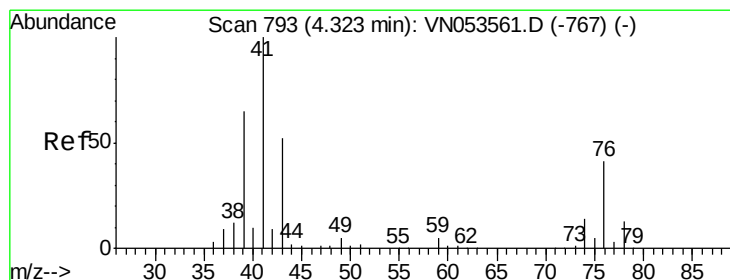
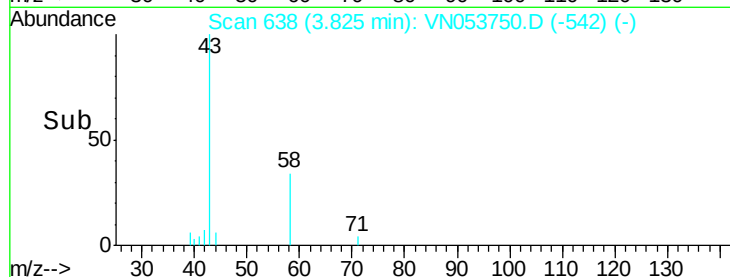
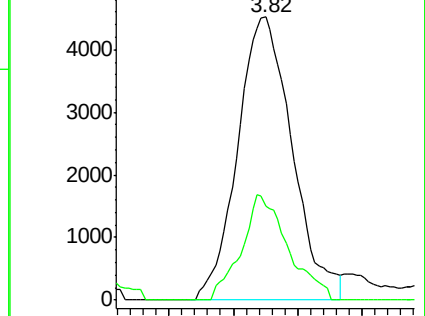
43 100

58 33.1 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: 0.354 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.02 min

Lab File: VN053750.D

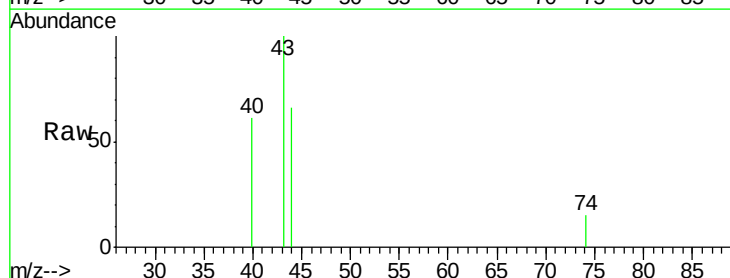
Acq: 13 Feb 2019 13:01

Tgt Ion: 43 Resp: 1878

Ion Ratio Lower Upper

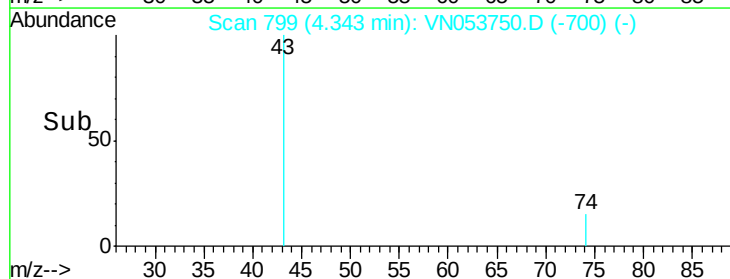
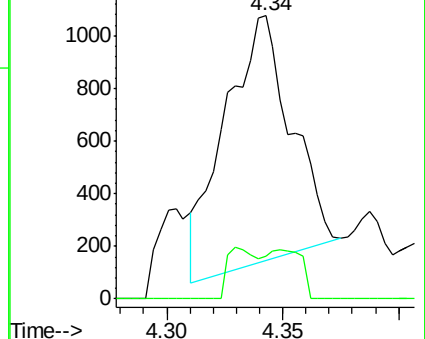
43 100

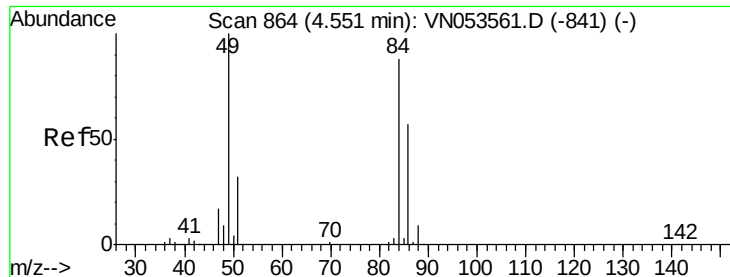
74 9.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



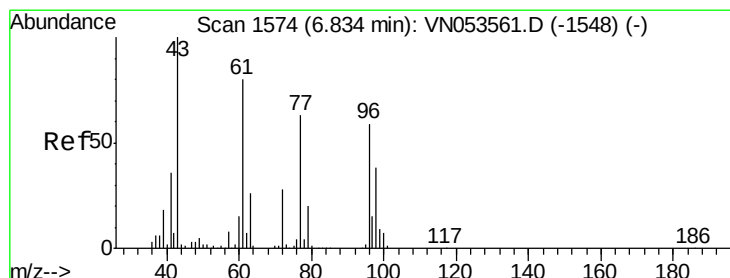
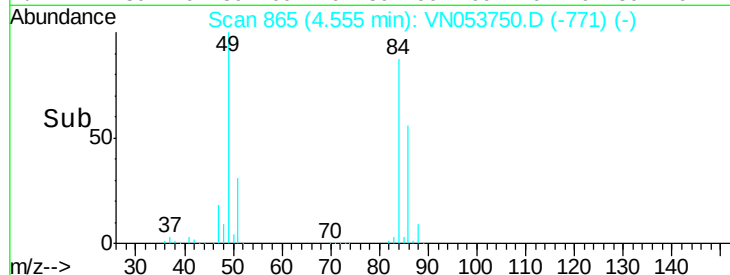
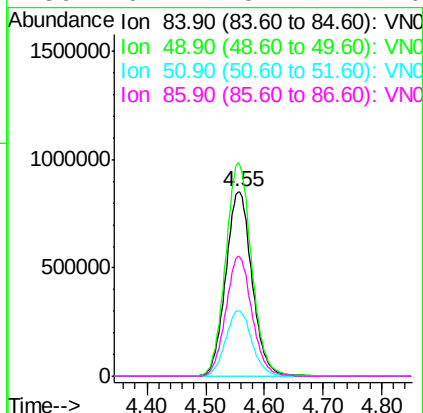
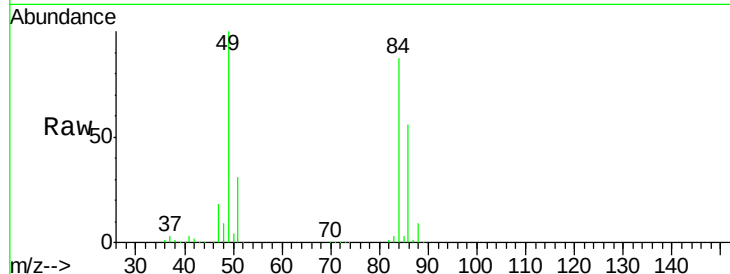


#20
Methvlene Chloride
Concen: 354.514 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053750.D
Acq: 13 Feb 2019 13:01

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

Tot Ion: 84 Resp: 2662133

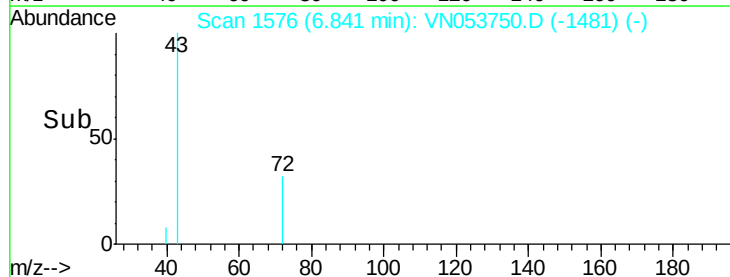
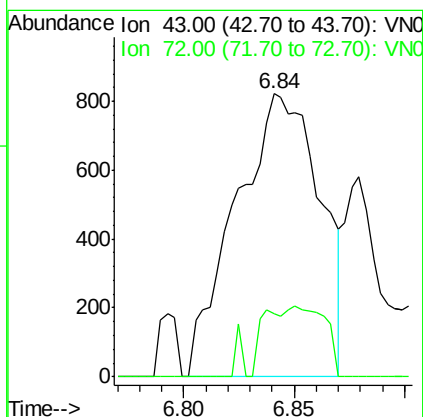
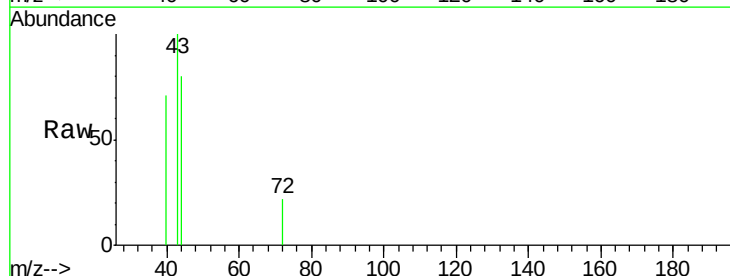
Ion	Ratio	Lower	Upper
84	100		
49	115.5	94.3	141.5
51	35.6	29.4	44.2
86	64.7	51.4	77.0

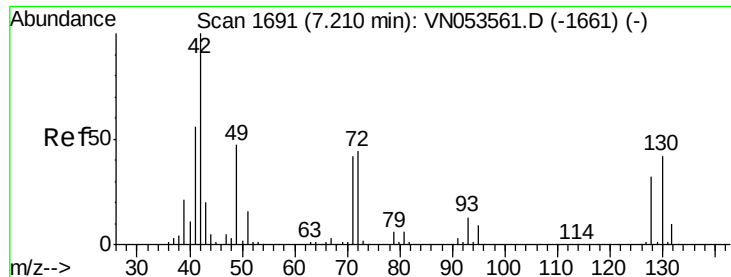


#25
2-Butanone
Concen: 0.853 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053750.D
Acq: 13 Feb 2019 13:01

Tgt Ion: 43 Resp: 2177

Ion	Ratio	Lower	Upper
43	100		
72	22.3	22.0	33.0





#29

Tetrahydrofuran

Concen: 0.470 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-A

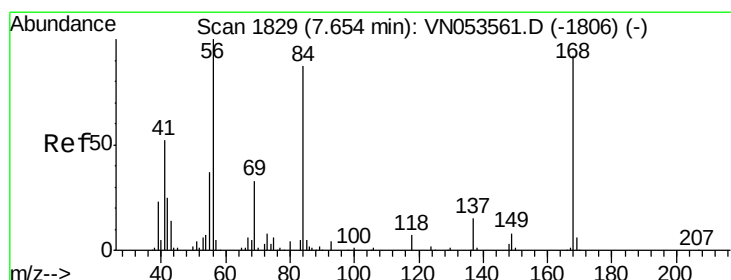
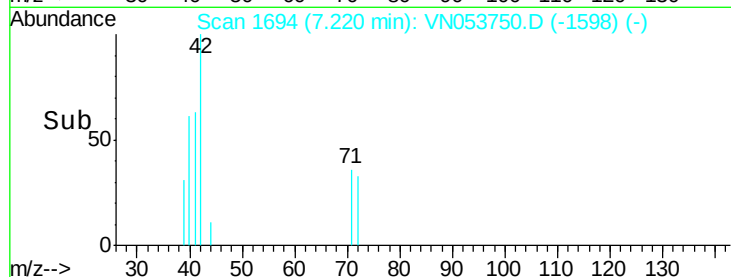
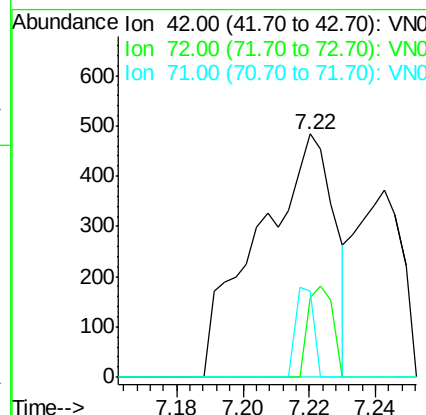
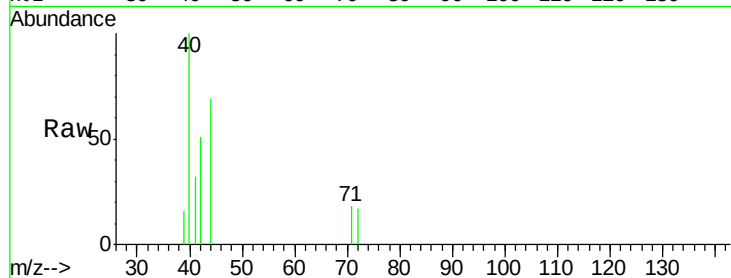
Tot Ion: 42 Resp: 771

Ion Ratio Lower Upper

42 100

72 12.3 35.2 52.8#

71 8.8 33.0 49.4#



#31

Cyclohexane

Concen: 0.860 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

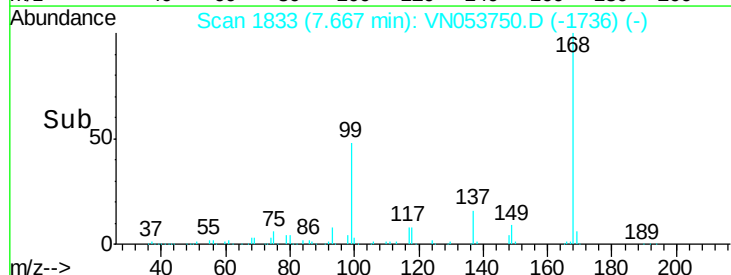
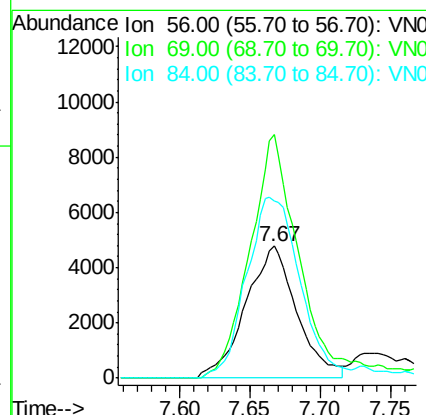
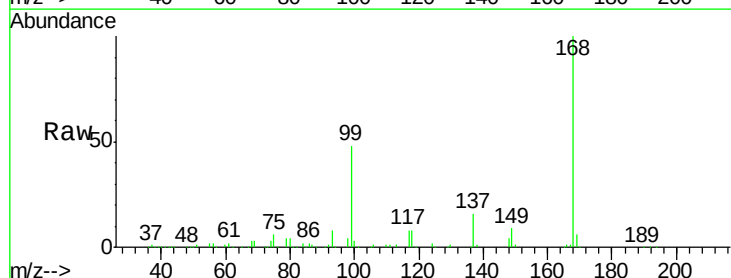
Tgt Ion: 56 Resp: 12110

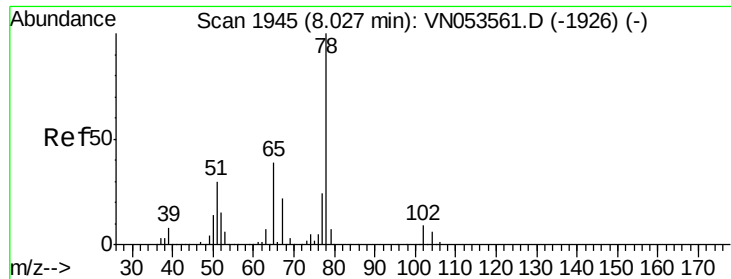
Ion Ratio Lower Upper

56 100

69 184.7 26.4 39.6#

84 134.1 67.9 101.9#

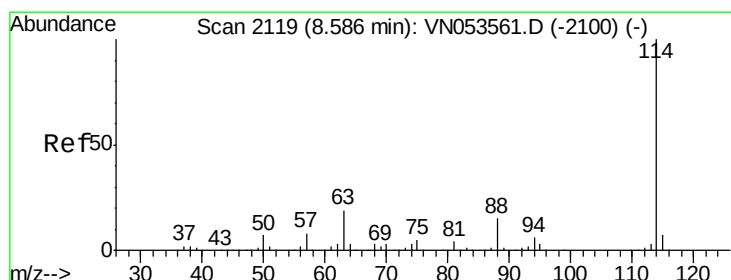
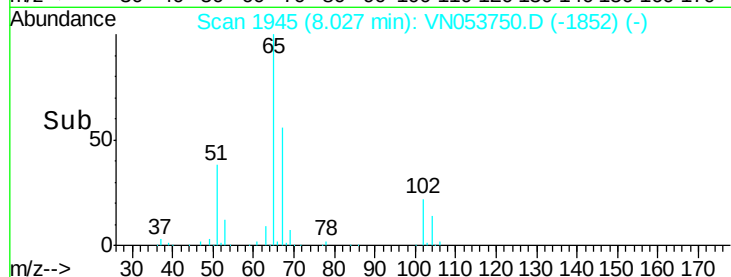
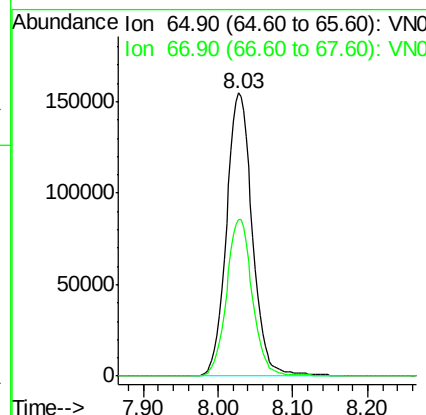
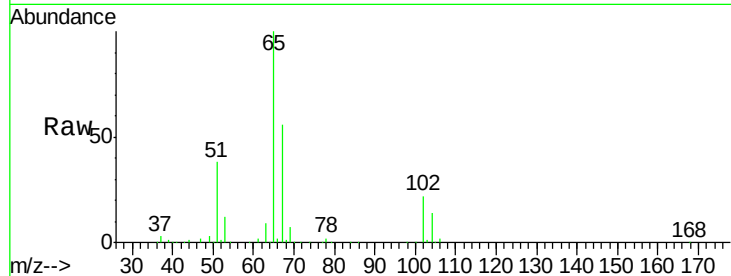




#33
 1,2-Dichloroethane-d4
 Concen: 53.033 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053750.D
 Acq: 13 Feb 2019 13:01

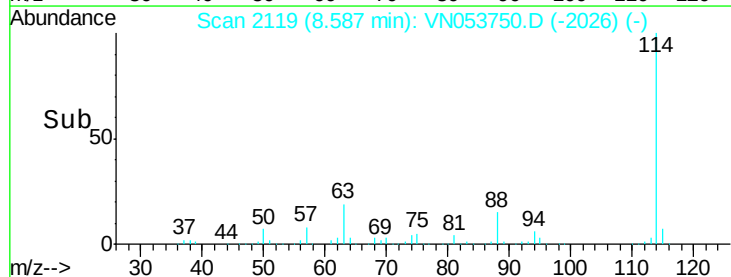
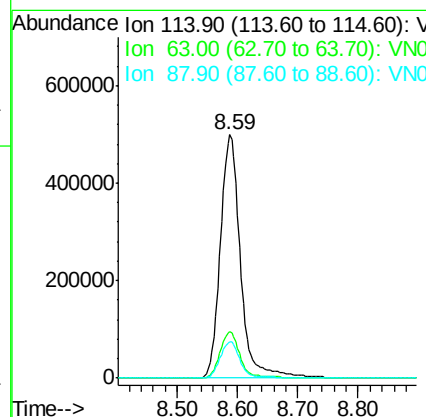
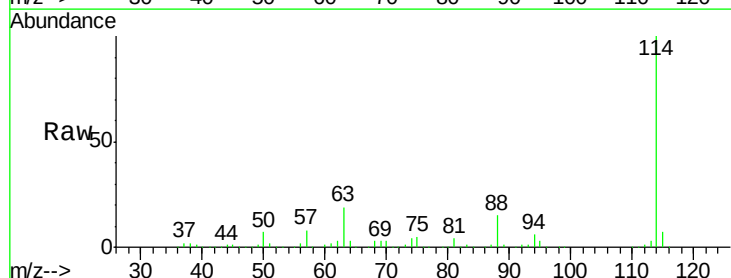
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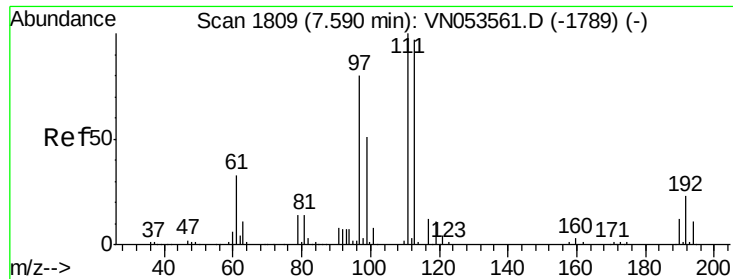
Tot Ion: 65 Resp: 370060
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053750.D
 Acq: 13 Feb 2019 13:01

Tgt Ion: 114 Resp: 1145264
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.1 0.0 30.4

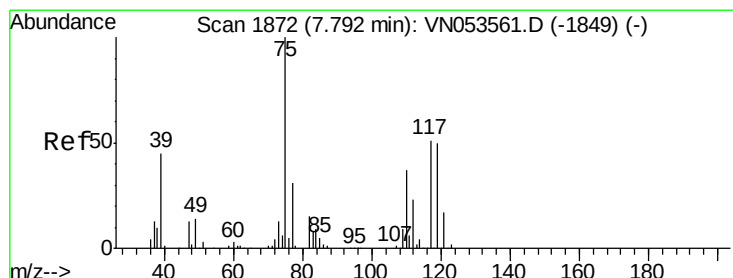
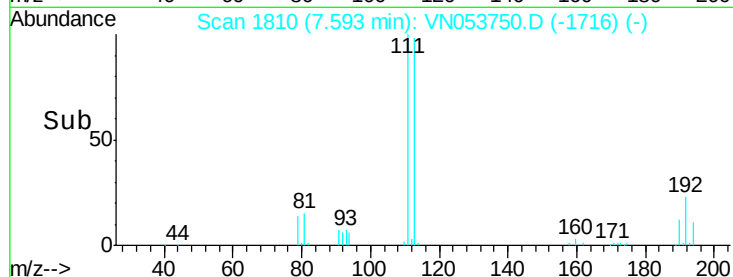
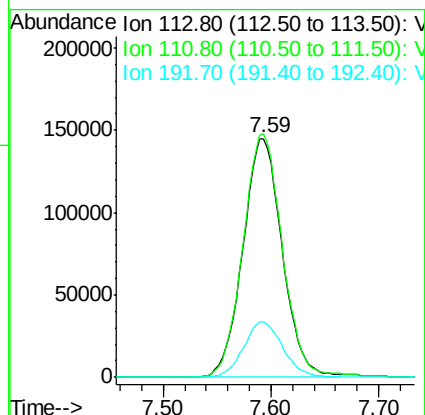
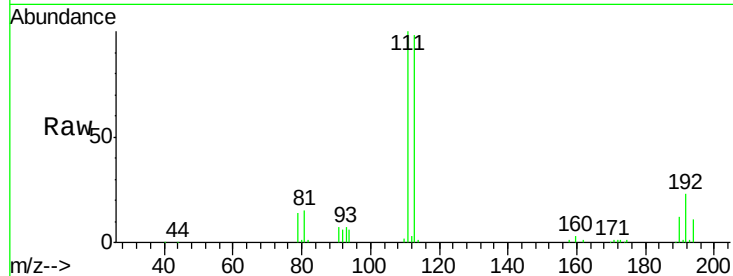




#35
 Dibromofluoromethane
 Concen: 50.672 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053750.D
 Acq: 13 Feb 2019 13:01

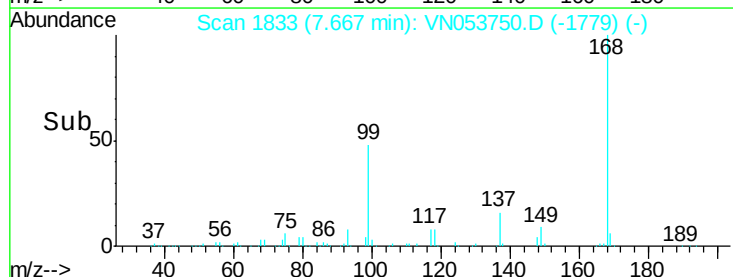
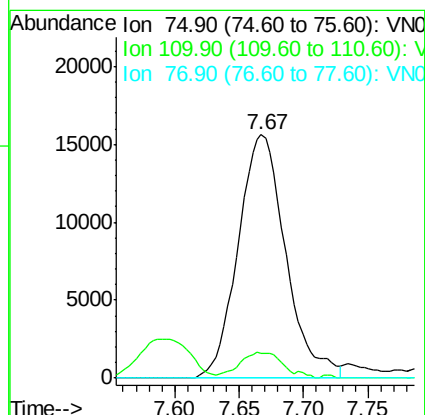
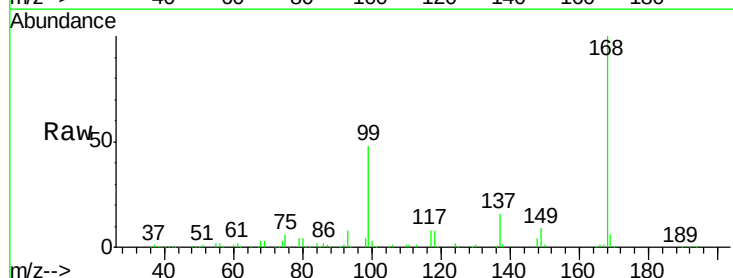
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 MSVOA_N
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 JC-02-021119-A

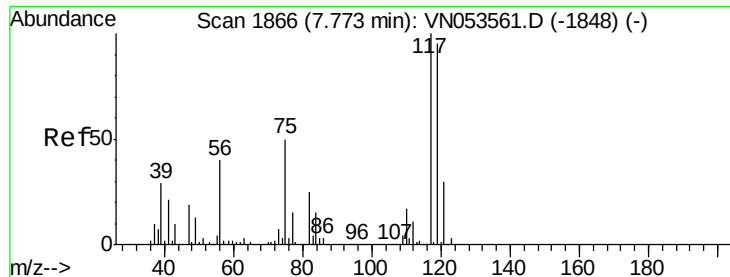
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.1	121.7
192	23.2	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 3.885 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053750.D
 Acq: 13 Feb 2019 13:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.3#
77	0.0	25.1	37.7#

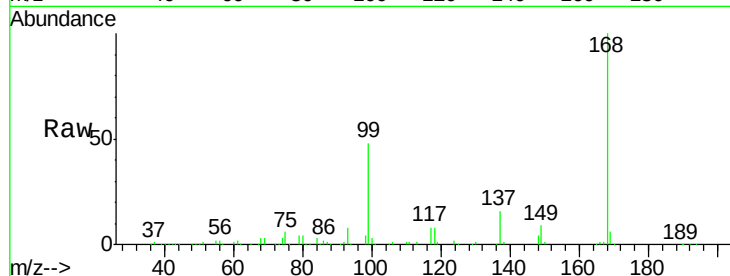




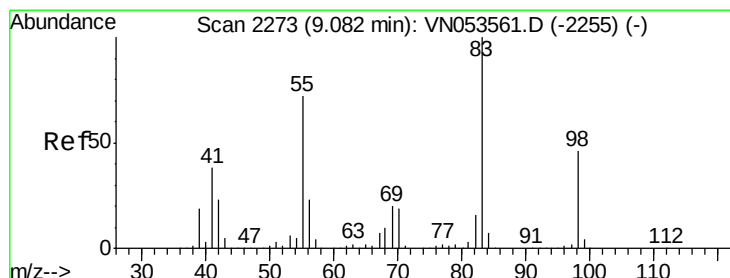
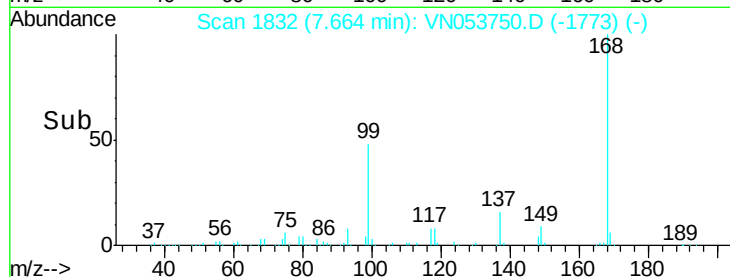
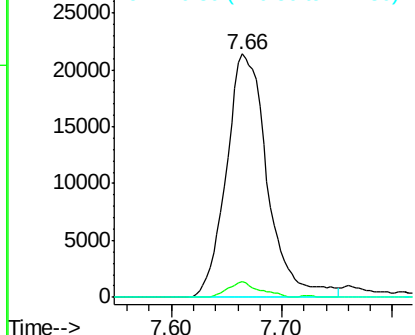
#38
Carbon Tetrachloride
Concen: 5.319 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053750.D
Acq: 13 Feb 2019 13:01

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

Tot Ion:117 Resp: 55322
Ion Ratio Lower Upper
117 100
119 6.2 77.2 115.8#
121 0.0 24.6 37.0#

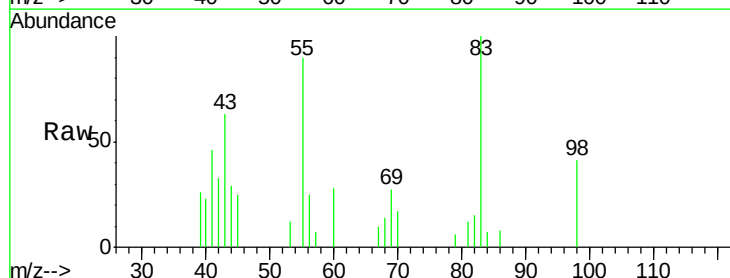


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

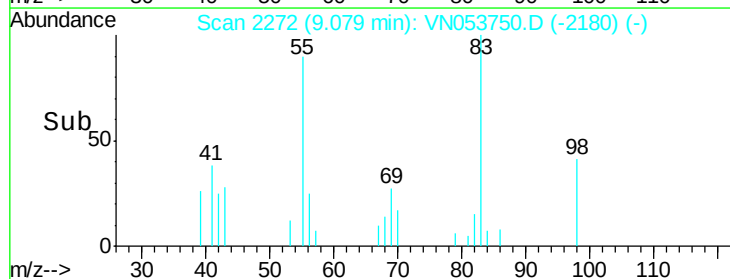
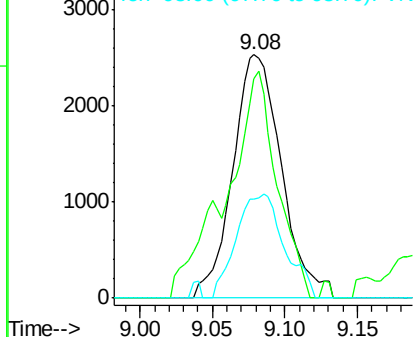


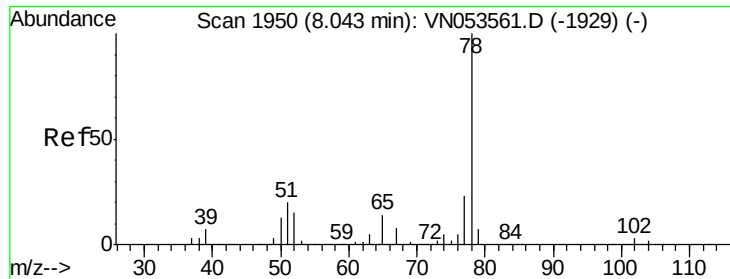
#39
Methylcyclohexane
Concen: 0.481 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053750.D
Acq: 13 Feb 2019 13:01

Tgt Ion: 83 Resp: 5889
Ion Ratio Lower Upper
83 100
55 89.9 60.1 90.1
98 40.8 36.6 55.0



Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO





#40

Benzene

Concen: 0.441 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

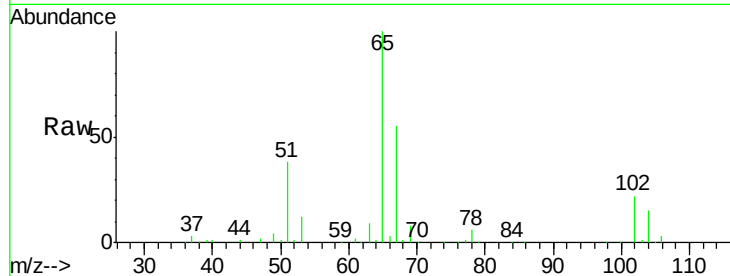
JC-02-021119-A

Tot Ion: 78 Resp: 14032

Ion Ratio Lower Upper

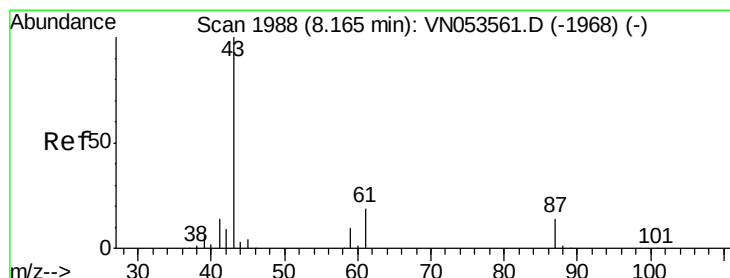
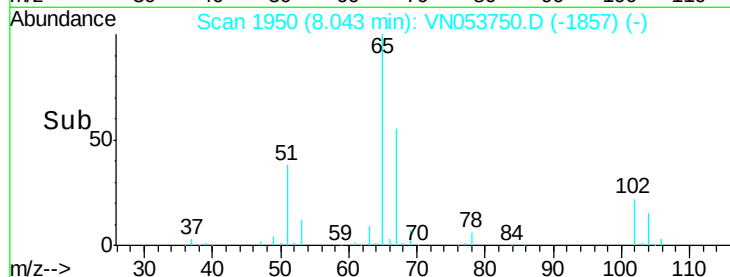
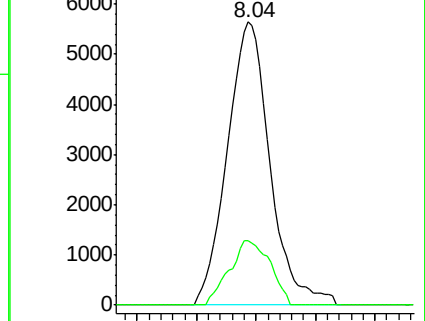
78 100

77 22.8 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: 2.493 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

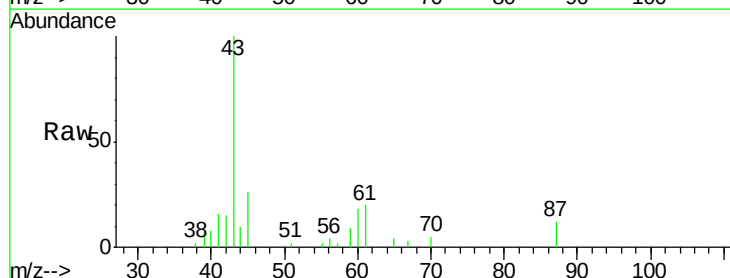
Tgt Ion: 43 Resp: 27764

Ion Ratio Lower Upper

43 100

61 20.7 23.9 35.9#

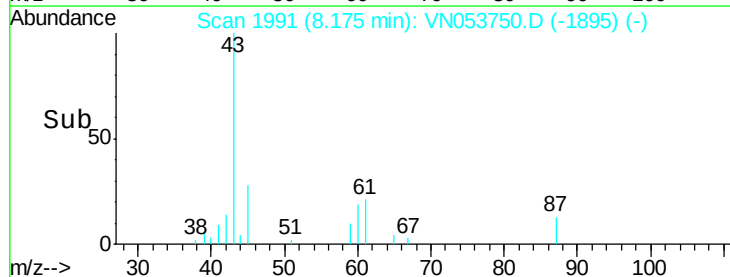
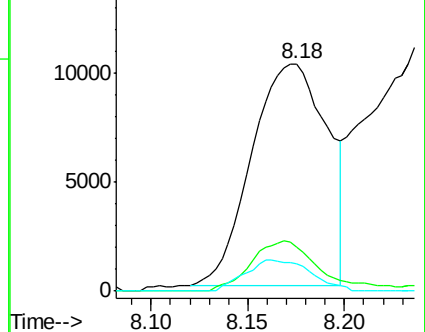
87 12.1 11.0 16.6

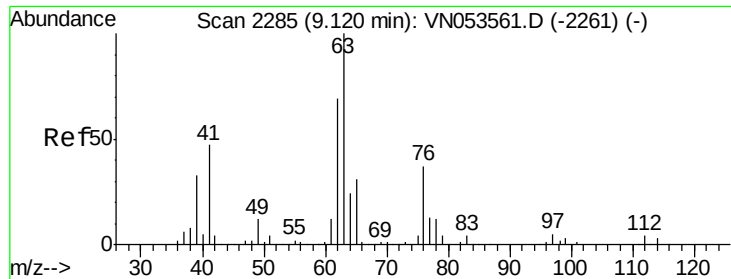


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

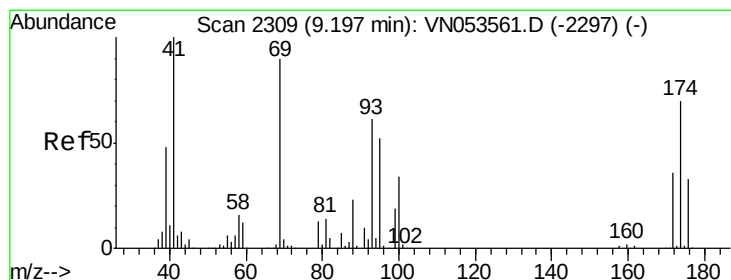
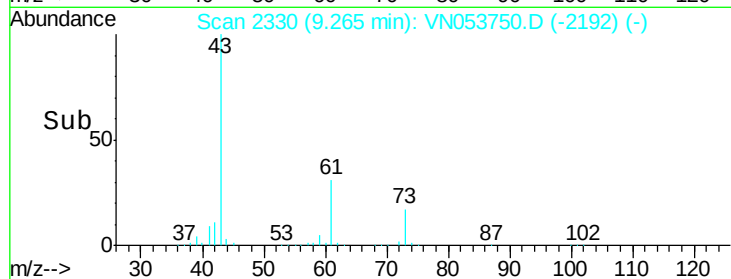
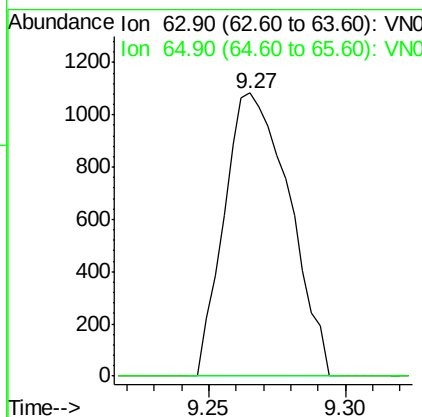
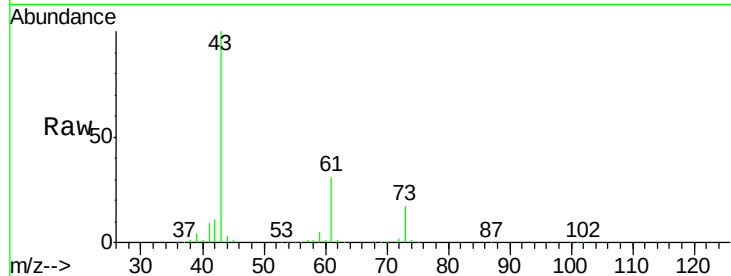




#45
 1,2-Dichloropropane
 Concen: 0.221 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.14 min
 Lab File: VN053750.D
 Acq: 13 Feb 2019 13:01

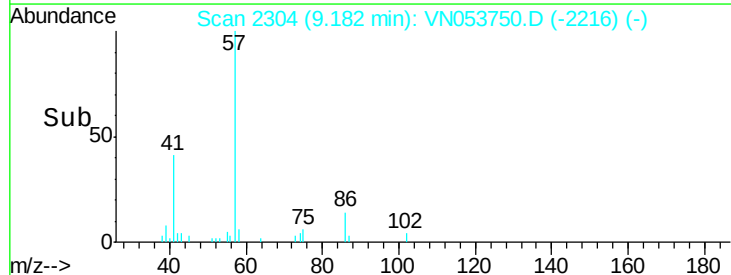
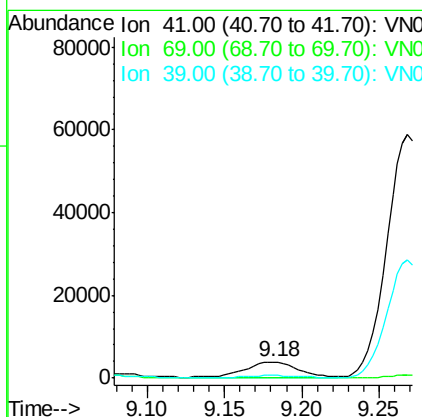
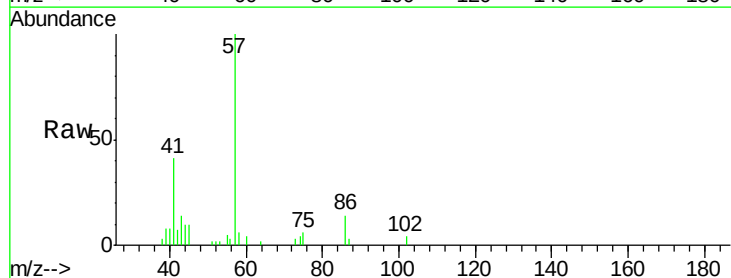
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-A

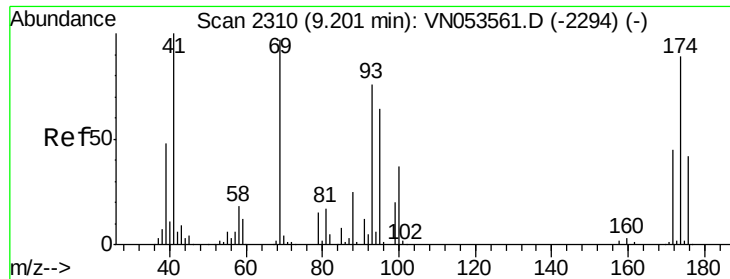
Tot Ion: 63 Resp: 1796
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.566 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN053750.D
 Acq: 13 Feb 2019 13:01

Tgt Ion: 41 Resp: 8322
 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: 39.510 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-A

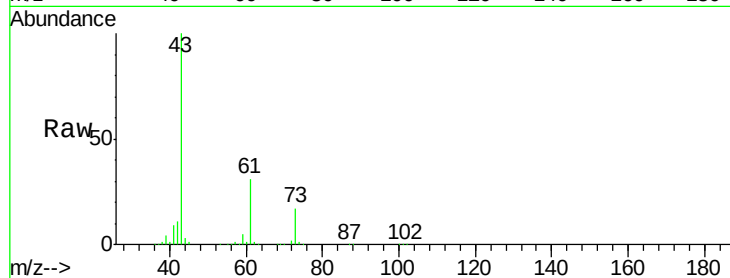
Tot Ion: 88 Resp: 33

Ion Ratio Lower Upper

88 100

43 4179121.2 27.8 41.6#

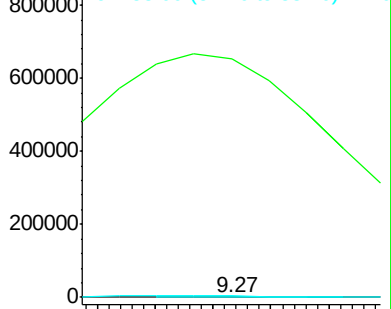
58 21584.8 56.5 84.7#



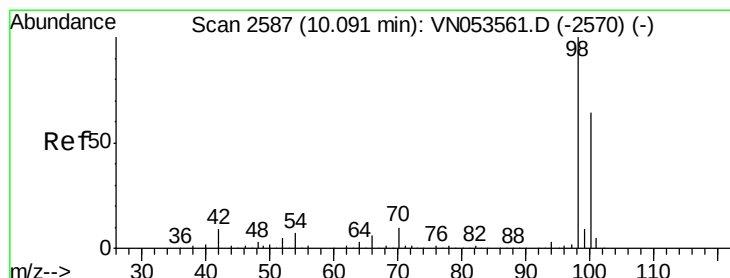
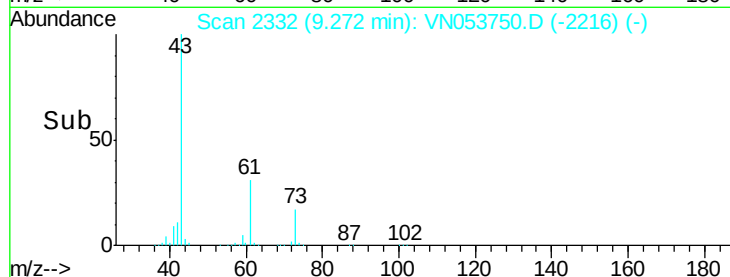
Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 51.394 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053750.D

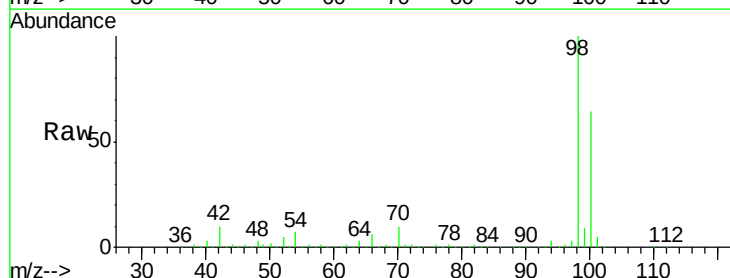
Acq: 13 Feb 2019 13:01

Tgt Ion: 98 Resp: 1396480

Ion Ratio Lower Upper

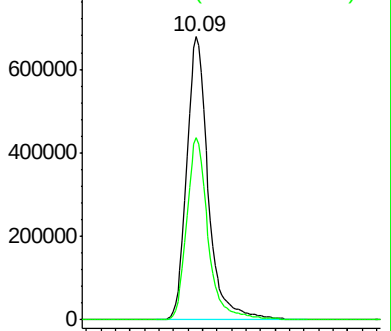
98 100

100 64.0 51.4 77.0

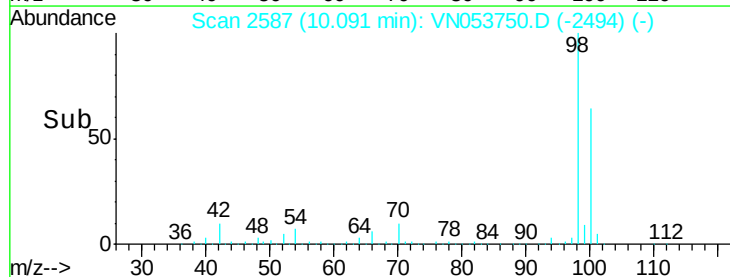


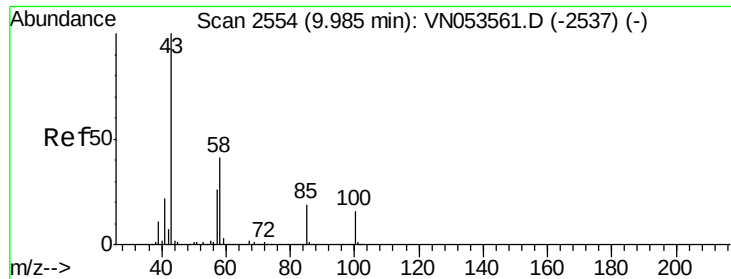
Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 1.213 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

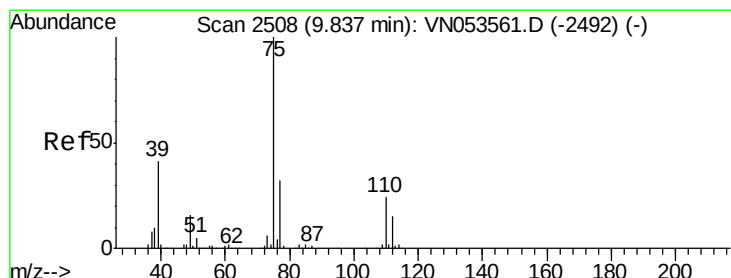
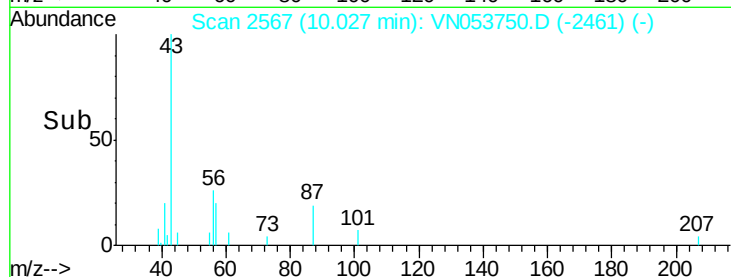
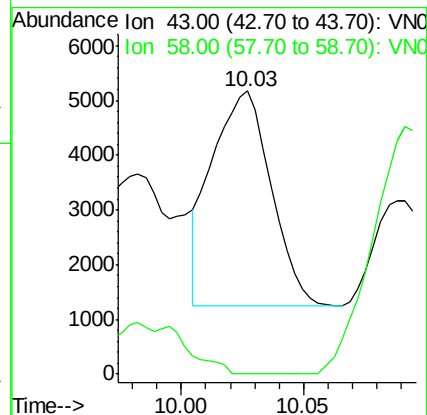
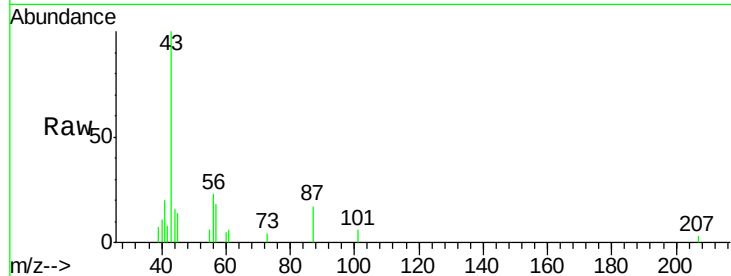
JC-02-021119-A

Tot Ion: 43 Resp: 6635

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#



#54

cis-1,3-Dichloropropene

Concen: 5.310 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

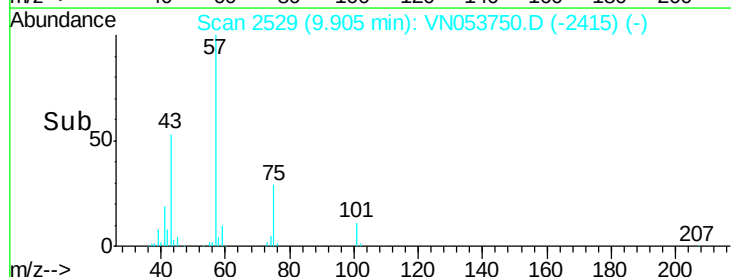
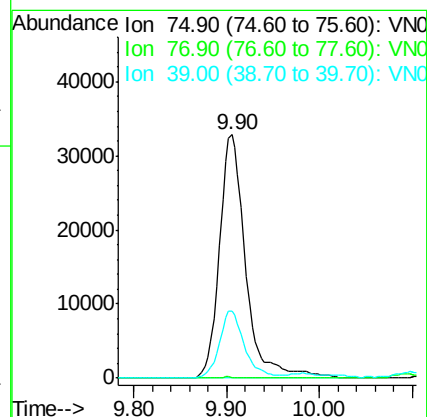
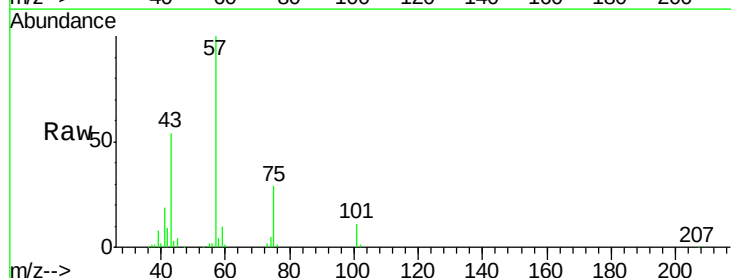
Tgt Ion: 75 Resp: 64304

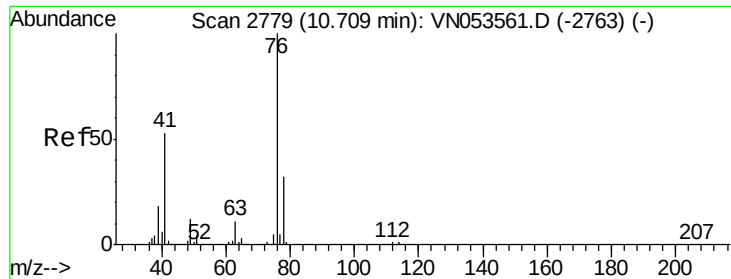
Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

39 27.5 33.4 50.0#





#57

1,3-Dichloropropane

Concen: 1.031 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

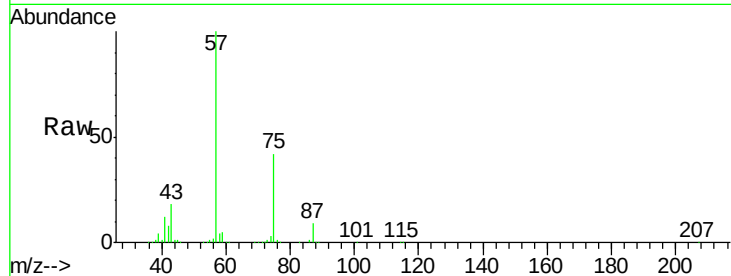
JC-02-021119-A

Tot Ion: 76 Resp: 12001

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.77

8000

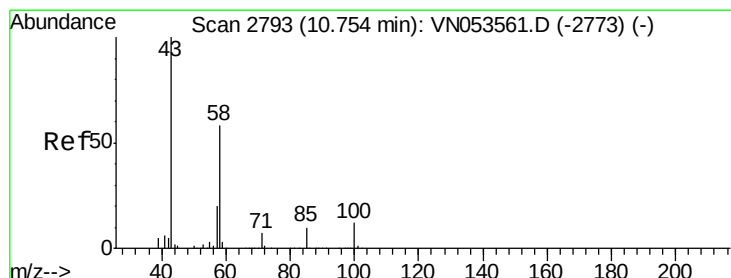
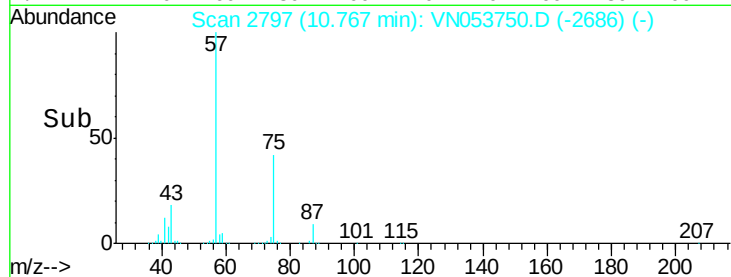
6000

4000

2000

0

Time-->



#59

2-Hexanone

Concen: 43.278 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN053750.D

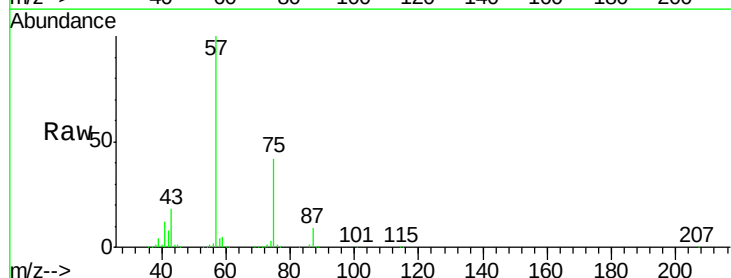
Acq: 13 Feb 2019 13:01

Tgt Ion: 43 Resp: 160764

Ion Ratio Lower Upper

43 100

58 20.8 28.6 85.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.77

100000

80000

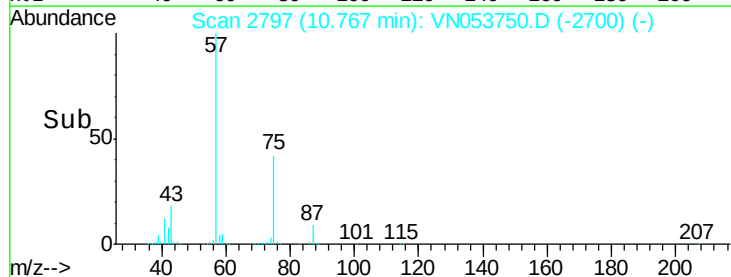
60000

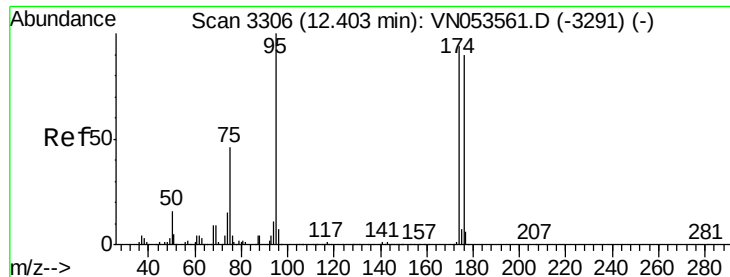
40000

20000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 51.099 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-A

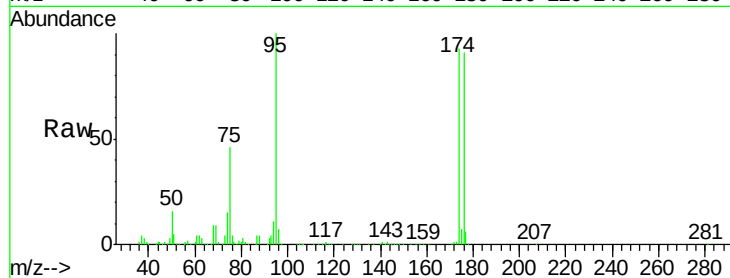
Tot Ion: 95 Resp: 463073

Ion Ratio Lower Upper

95 100

174 94.0 0.0 183.2

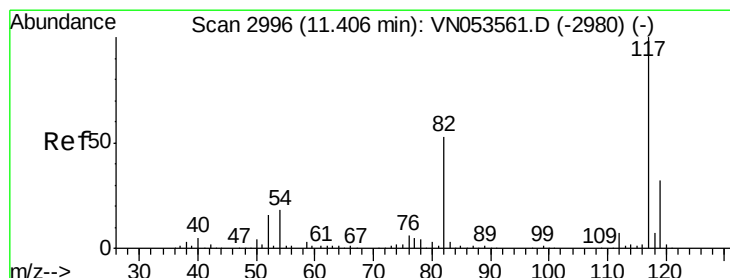
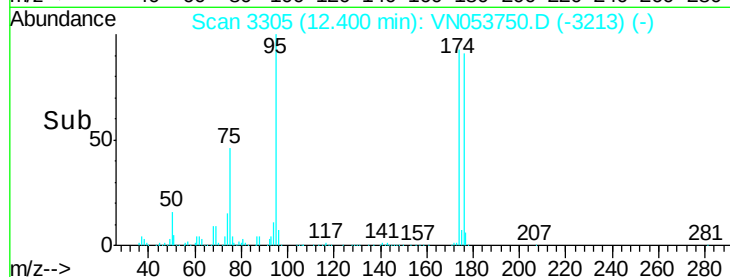
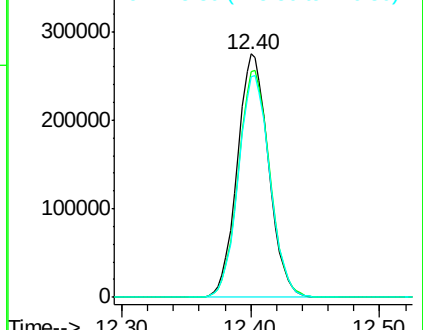
176 92.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

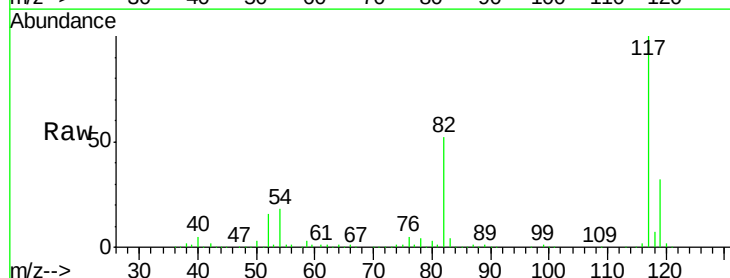
Tgt Ion: 117 Resp: 1077233

Ion Ratio Lower Upper

117 100

82 51.9 42.9 64.3

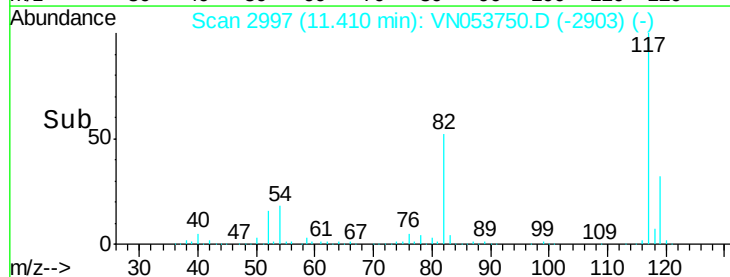
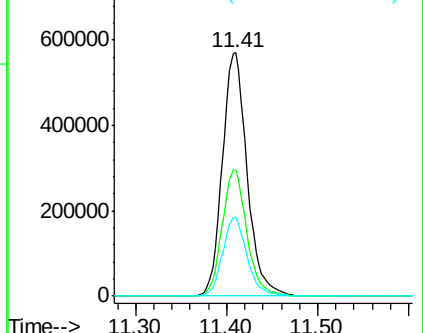
119 32.0 26.0 39.0

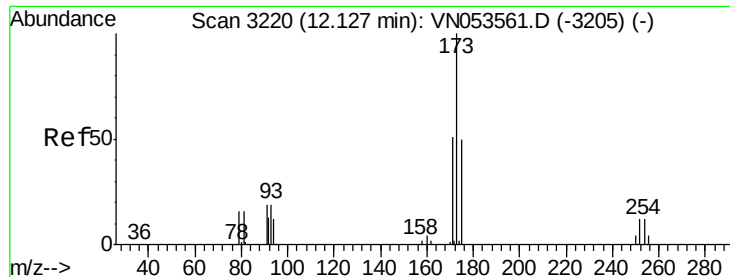


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#71

Bromoform

Concen: 0.509 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-A

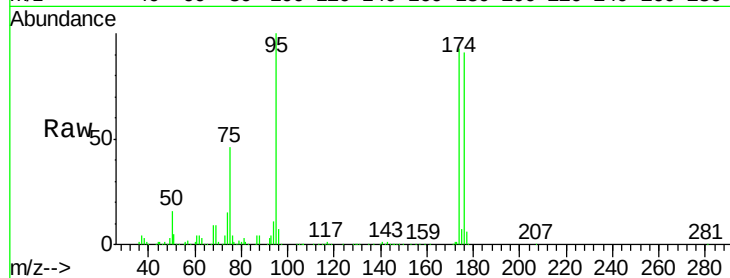
Tot Ion:173 Resp: 2791

Ion Ratio Lower Upper

173 100

175 956.0 24.6 74.0#

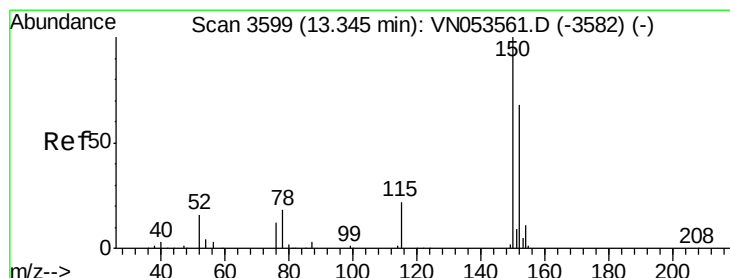
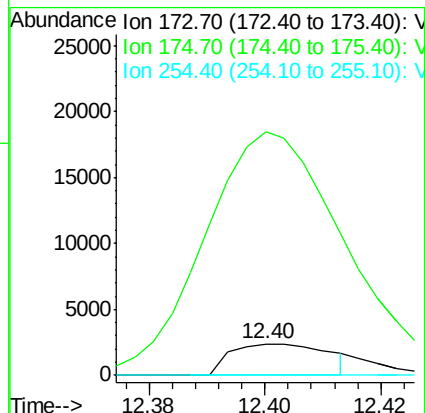
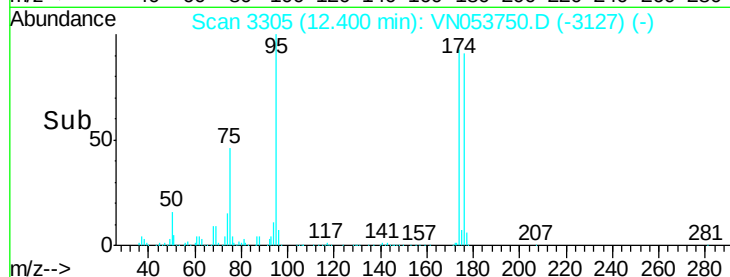
254 0.0 0.2 0.2#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

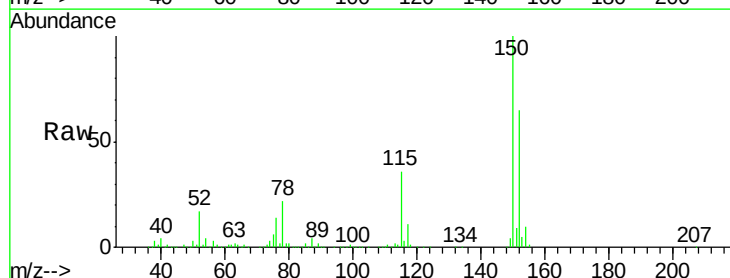
Tgt Ion:152 Resp: 448437

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.4

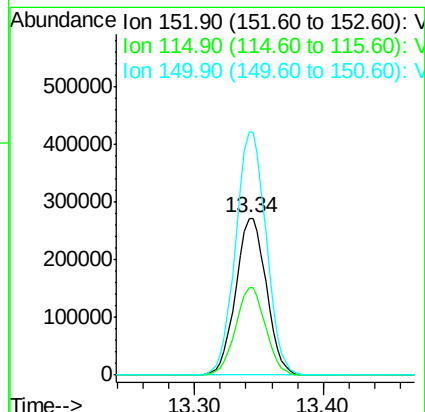
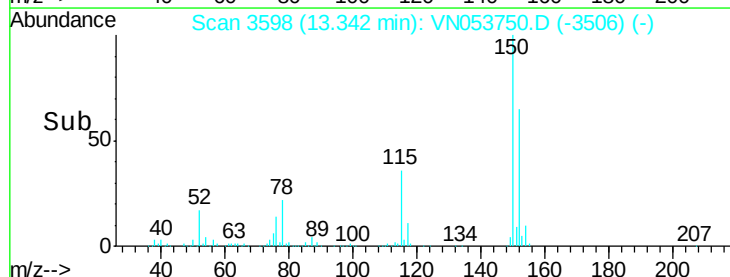
150 155.3 0.0 349.0

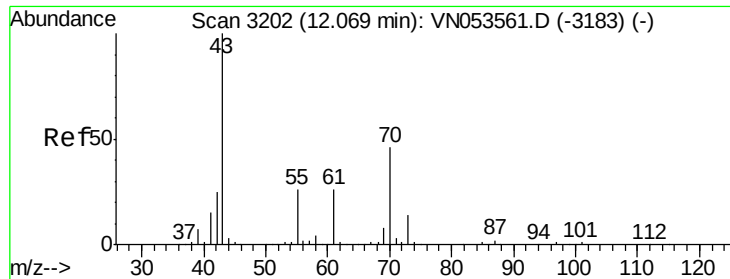


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 2.289 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-A

Tot Ion: 43 Resp: 17350

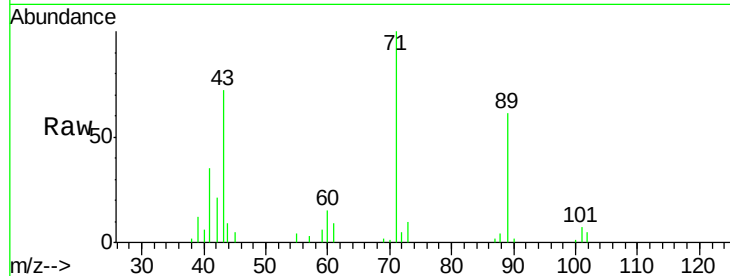
Ion Ratio Lower Upper

43 100

70 1.8 35.4 53.2#

55 5.4 20.9 31.3#

61 11.7 20.5 30.7#

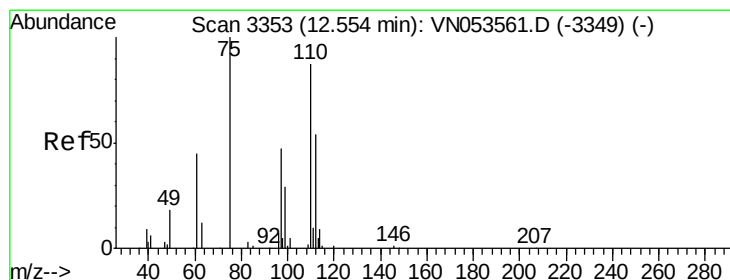
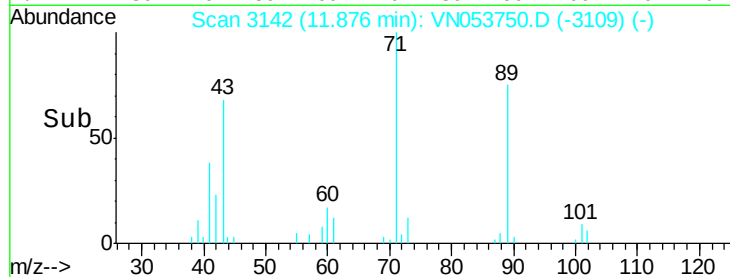
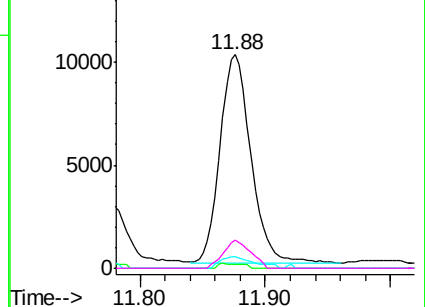


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 37.121 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053750.D

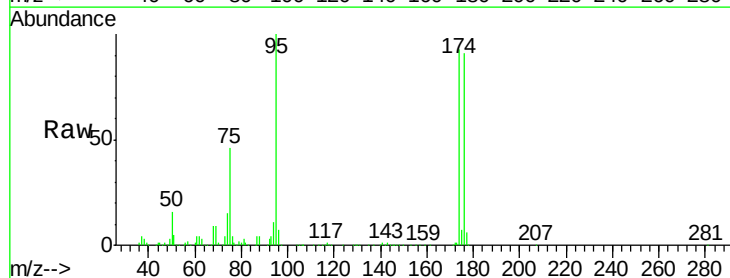
Acq: 13 Feb 2019 13:01

Tgt Ion: 75 Resp: 213813

Ion Ratio Lower Upper

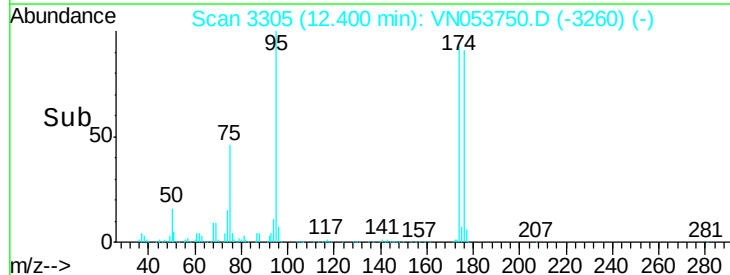
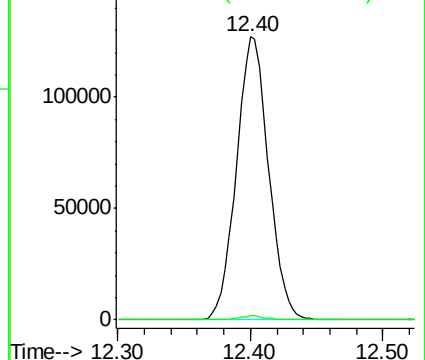
75 100

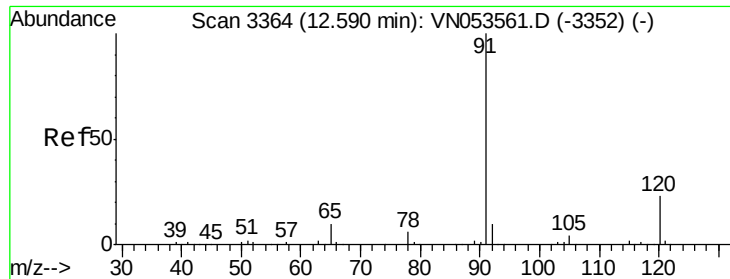
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.259 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

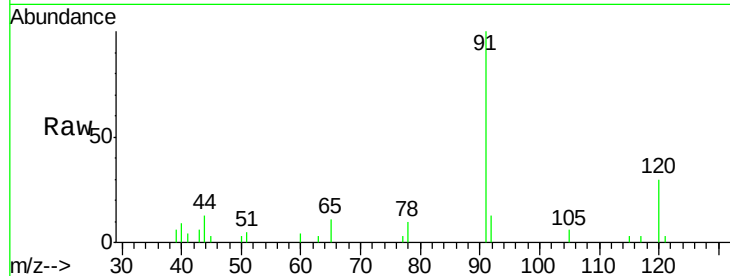
JC-02-021119-A

Tot Ion: 91 Resp: 9441

Ion Ratio Lower Upper

91 100

120 24.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN053561.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN053561.D (-3352) (-)

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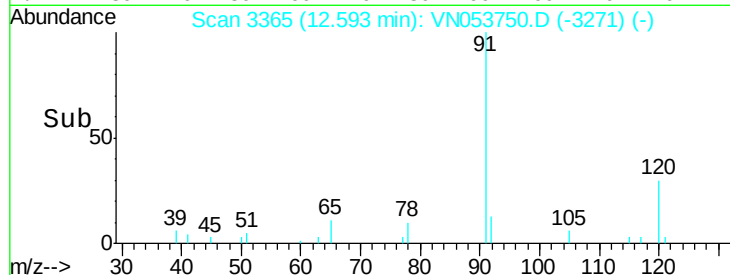
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Abundance Ion 91.00 (90.70 to 91.70): VN053750.D (-3271) (-)

Ion 120.00 (119.70 to 120.70): VN053750.D (-3271) (-)

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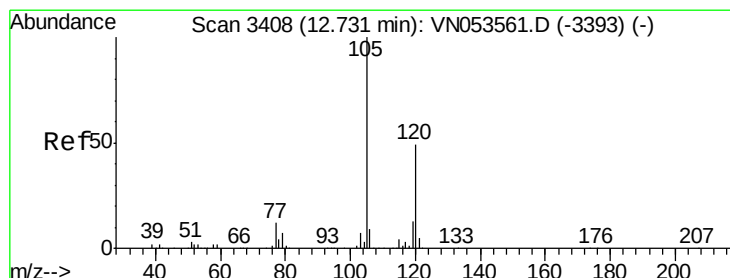
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#80

1,3,5-Trimethylbenzene

Concen: 0.604 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053750.D

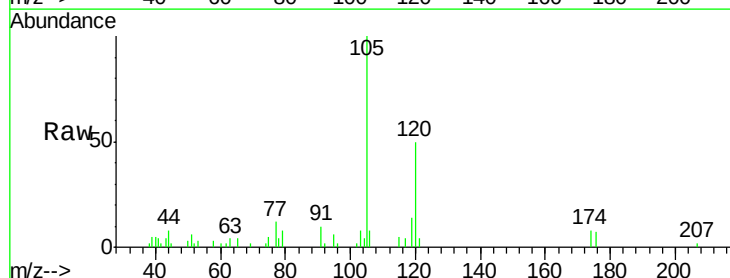
Acq: 13 Feb 2019 13:01

Tgt Ion:105 Resp: 15796

Ion Ratio Lower Upper

105 100

120 52.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053561.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN053561.D (-3393) (-)

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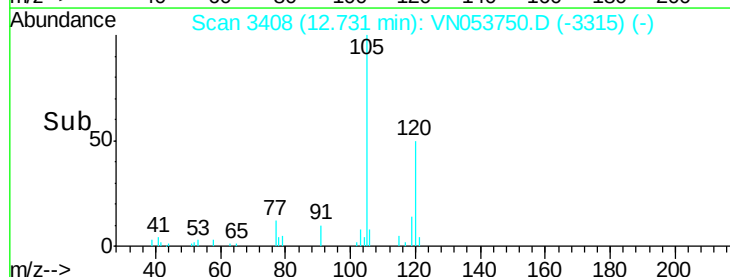
12.73

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Abundance Ion 105.00 (104.70 to 105.70): VN053750.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN053750.D (-3315) (-)

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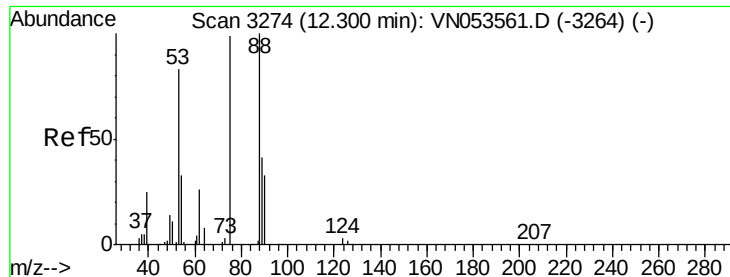
12.73

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12.73



#81

trans-1,4-Dichloro-2-butene

Concen: 104.381 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-A

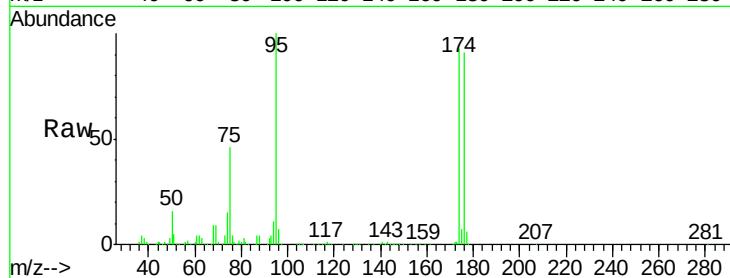
Tot Ion: 75 Resp: 213813

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

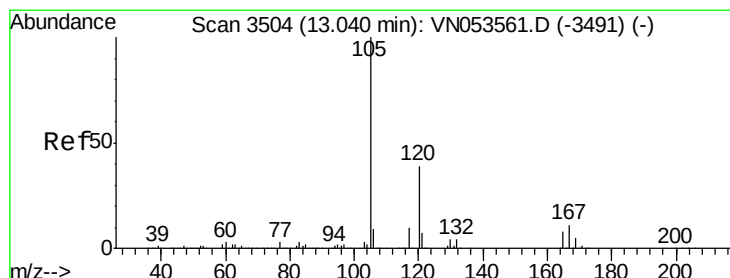
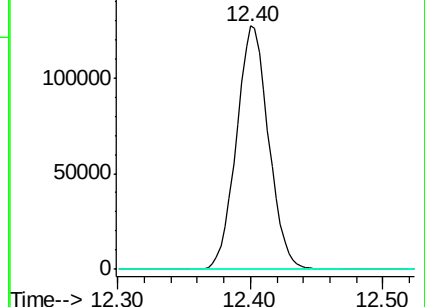
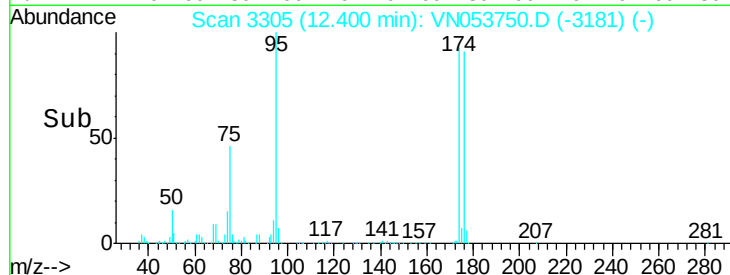
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN053750.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053750.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053750.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.108 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053750.D

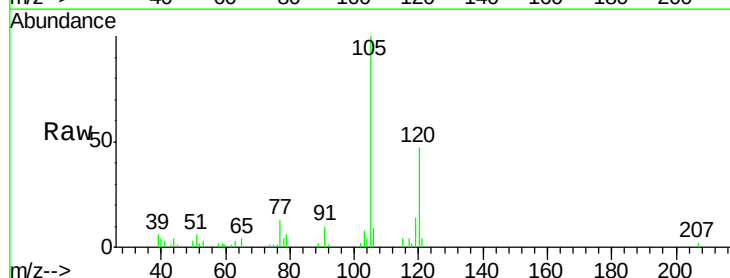
Acq: 13 Feb 2019 13:01

Tgt Ion: 105 Resp: 29516

Ion Ratio Lower Upper

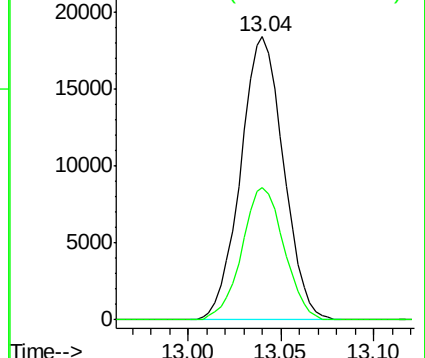
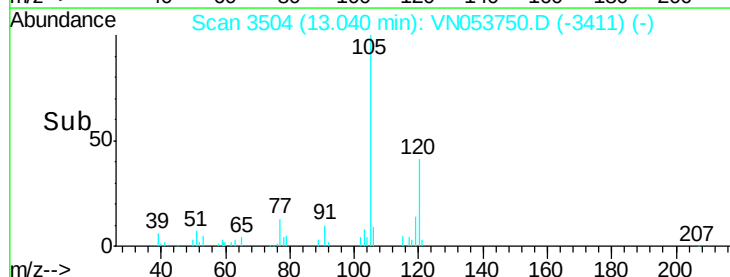
105 100

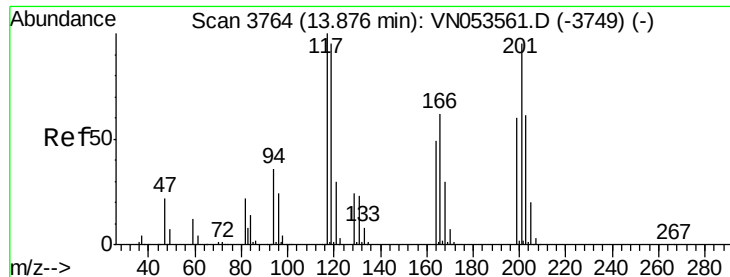
120 45.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): VN053750.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN053750.D (-3411) (-)





#90

Hexachloroethane

Concen: 0.412 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

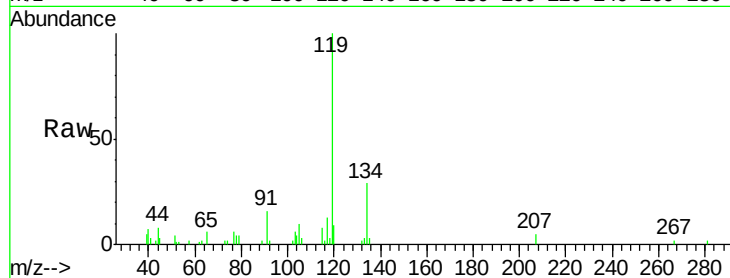
JC-02-021119-A

Tot Ion:117 Resp: 1867

Ion Ratio Lower Upper

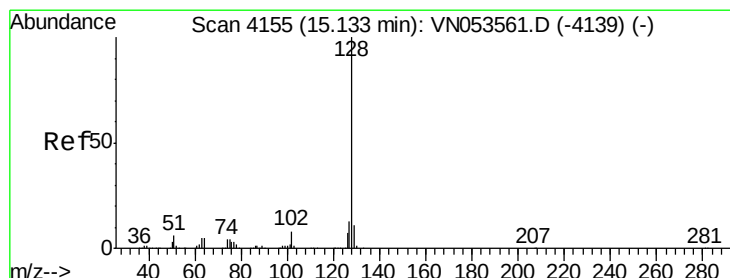
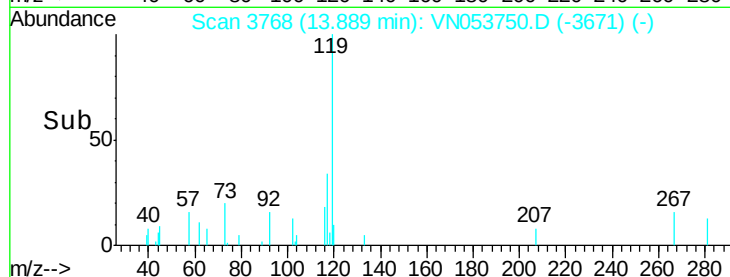
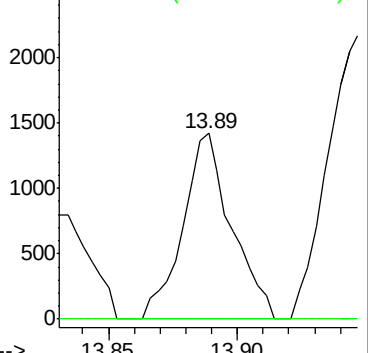
117 100

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



#95

Naphthalene

Concen: 2.315 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053750.D

Acq: 13 Feb 2019 13:01

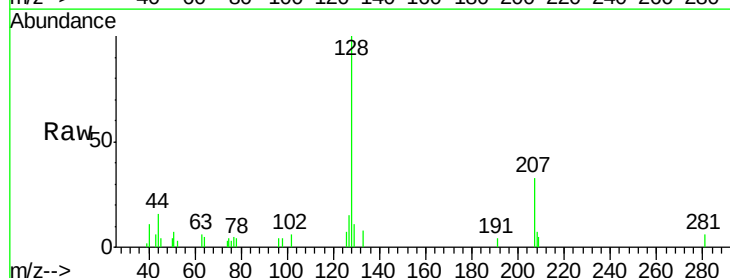
Tgt Ion:128 Resp: 11806

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 9.1 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

