

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053743.D
 Acq On : 12 Feb 2019 20:55
 Operator : JC/SP
 Sample : K1345-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-021119

Quant Time: Feb 13 04:18:40 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	751260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1174699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1088896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	448415	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	394466	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.68%		
35) Dibromofluoromethane	7.59	113	383878	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.44%		
50) Toluene-d8	10.09	98	1421624	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.02%		
62) 4-Bromofluorobenzene	12.40	95	474896	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.18%		

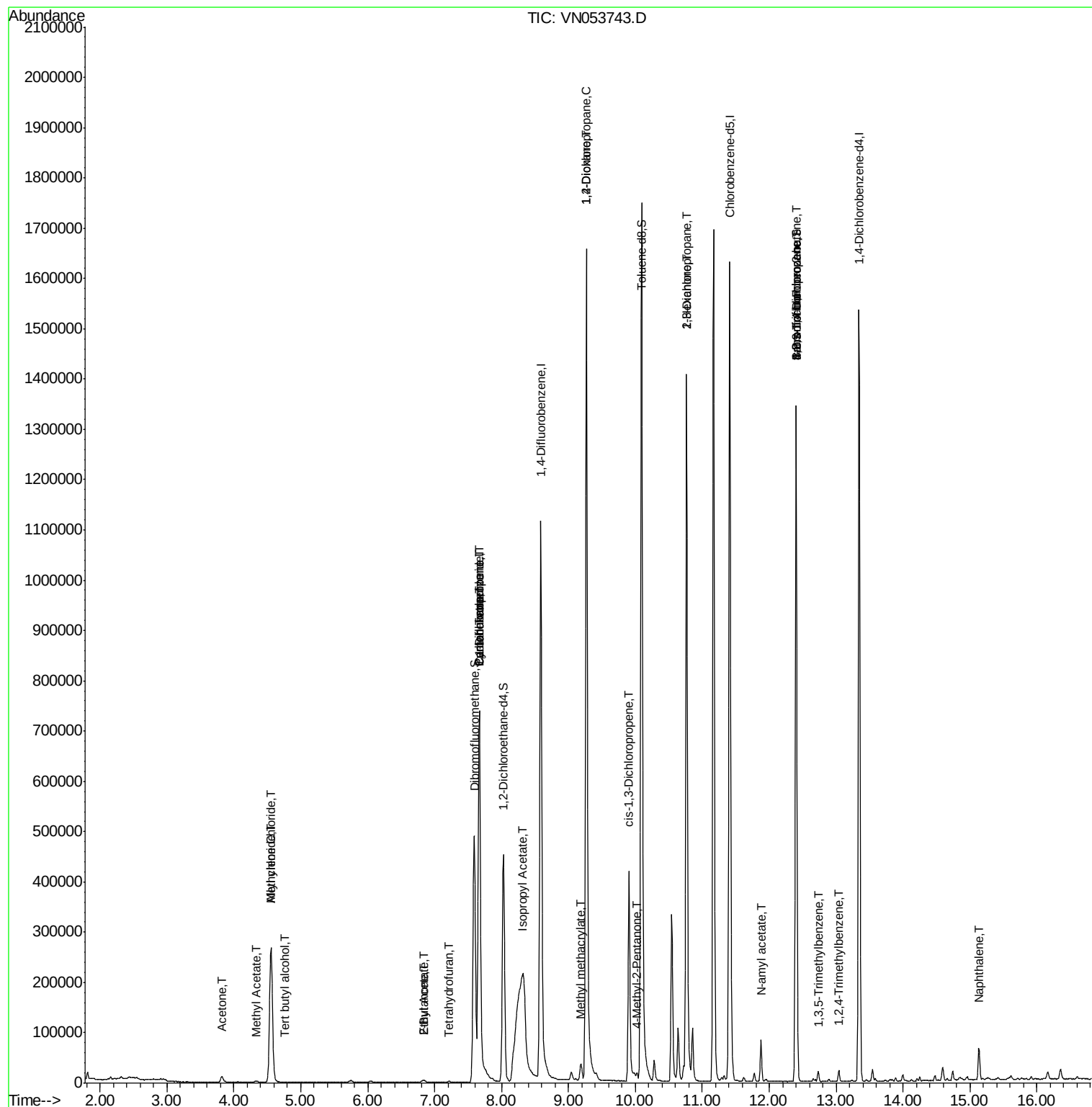
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	1219	2.733	ug/l #	72
14) Allyl chloride	4.56	41	8437	0.762	ug/l #	27
16) Acetone	3.82	43	21672	11.211	ug/l	92
18) Methyl Acetate	4.33	43	4968	0.868	ug/l #	84
20) Methylene Chloride	4.55	84	214651	26.466	ug/l	98
25) 2-Butanone	6.84	43	5241	1.901	ug/l	99
29) Tetrahydrofuran	7.21	42	942	0.532	ug/l #	90
31) Cyclohexane	7.66	56	10577	0.663	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	44621	4.214	ug/l #	49
37) Ethyl Acetate	6.84	43	5241	0.886	ug/l #	67
38) Carbon Tetrachloride	7.67	117	59586	5.586	ug/l #	16
43) Isopropyl Acetate	8.30	43	451484	39.530	ug/l #	51
45) 1,2-Dichloropropane	9.27	63	2124	0.254	ug/l #	43
48) Methyl methacrylate	9.18	41	12496	2.292	ug/l #	21
49) 1,4-Dioxane	9.27	88	61	39.840	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	11190	1.994	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	90475	7.284	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	15808	1.324	ug/l #	43
59) 2-Hexanone	10.76	43	208740	54.785	ug/l #	51
71) Bromoform	12.40	173	3044	0.550	ug/l #	1
74) N-amyl acetate	11.88	43	24384	3.217	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	220698	38.318	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	10093	0.386	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	220698	107.748	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	13497	0.507	ug/l	99
95) Naphthalene	15.13	128	58928	4.624	ug/l	99

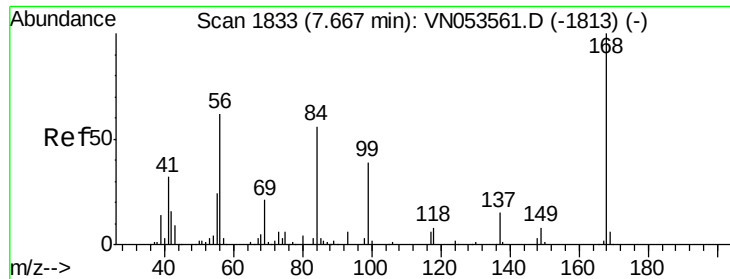
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053743.D

Acq: 12 Feb 2019 20:55

Instrument :

MSVOA_N

ClientSampleId :

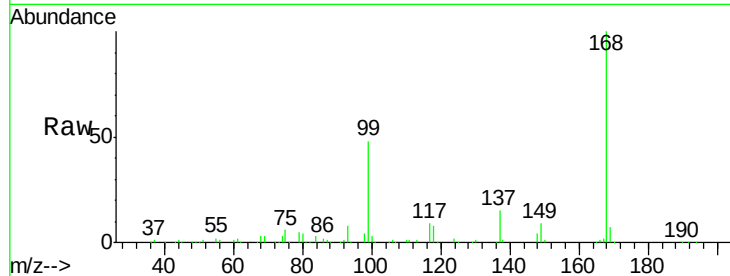
HD-02-021119

Tot Ion:168 Resp: 751260

Ion Ratio Lower Upper

168 100

99 48.5 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

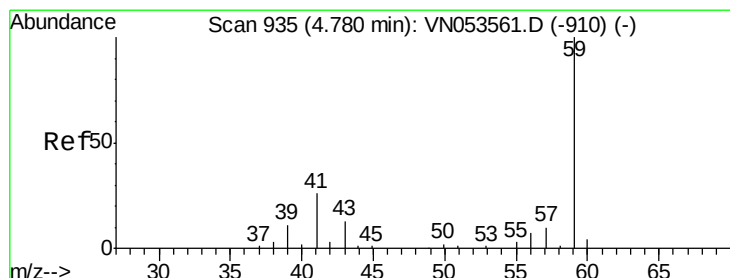
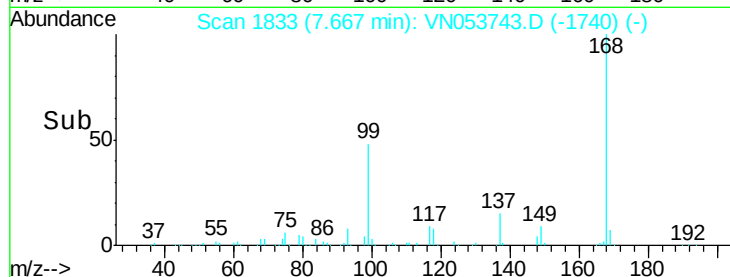
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.733 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.01 min

Lab File: VN053743.D

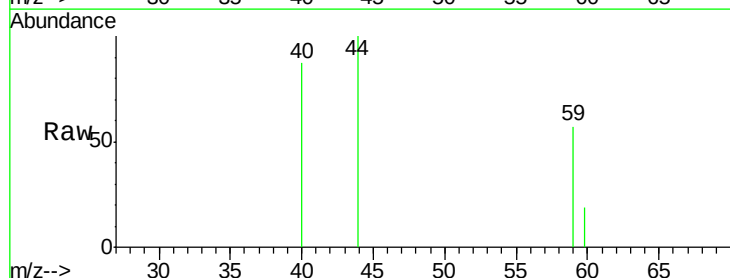
Acq: 12 Feb 2019 20:55

Tgt Ion: 59 Resp: 1219

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

4.77

500

400

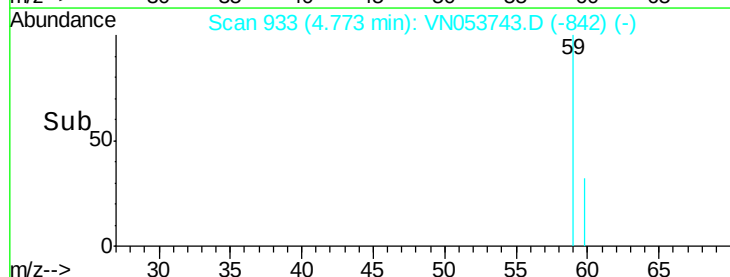
300

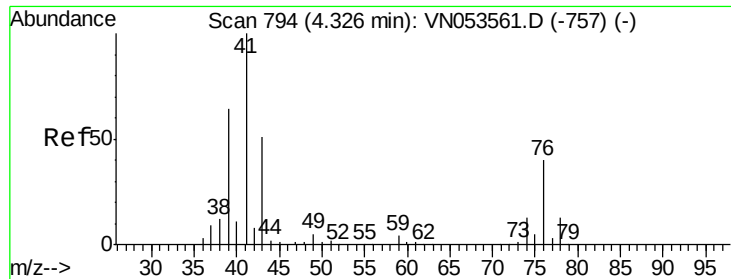
200

100

0

Time-->

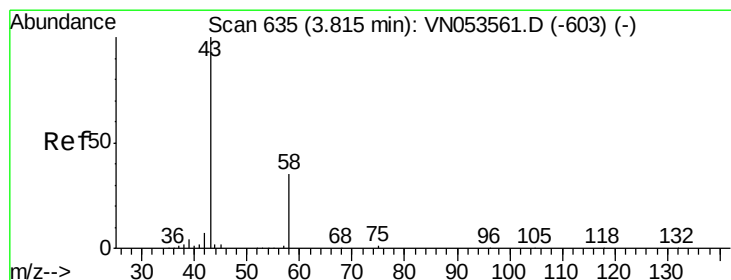
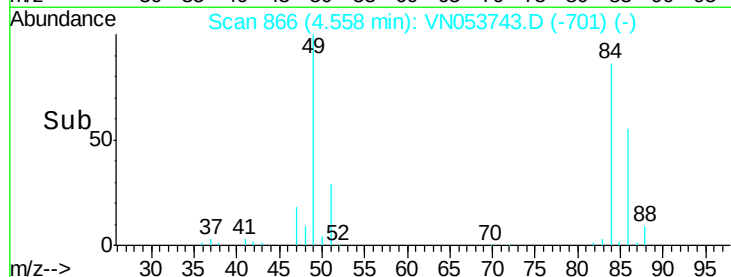
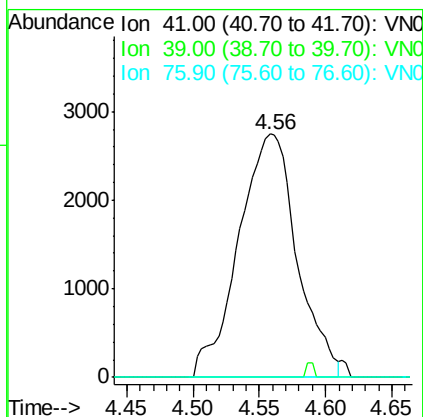
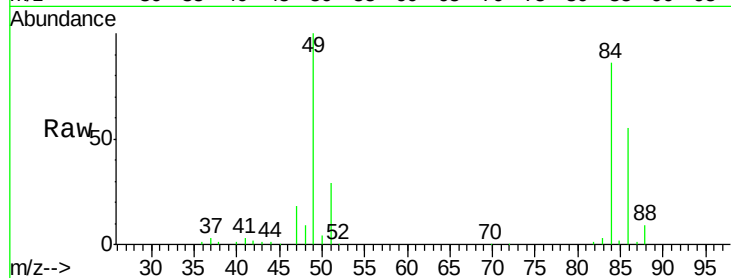




#14
Allvl chloride
Concen: 0.762 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.23 min
Lab File: VN053743.D
Acq: 12 Feb 2019 20:55

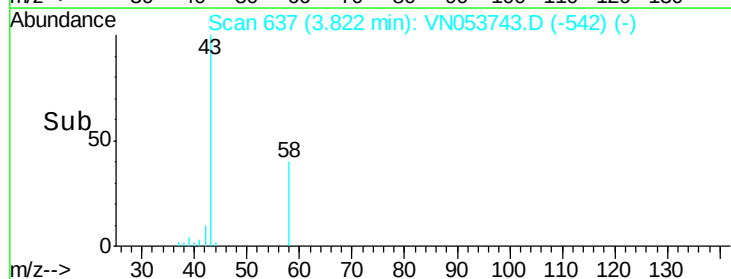
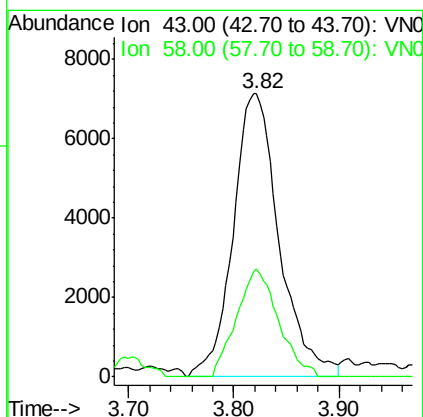
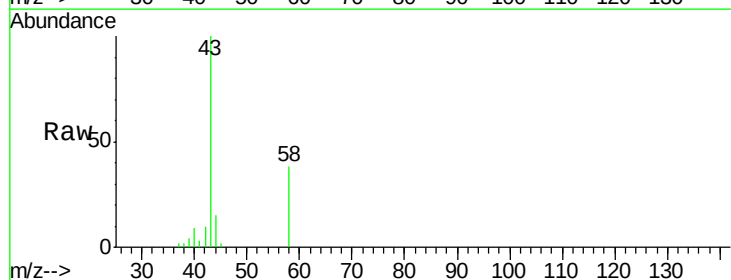
Instrument :
MSVOA_N
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HD-02-021119

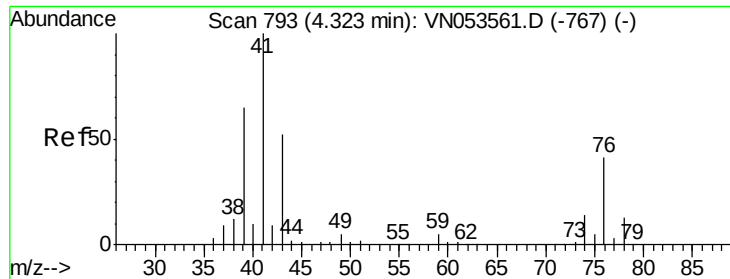
Tot Ion: 41 Resp: 8437
Ion Ratio Lower Upper
41 100
39 0.0 48.9 73.3#
76 0.0 29.4 44.2#



#16
Acetone
Concen: 11.211 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053743.D
Acq: 12 Feb 2019 20:55

Tgt Ion: 43 Resp: 21672
Ion Ratio Lower Upper
43 100
58 38.3 27.1 40.7

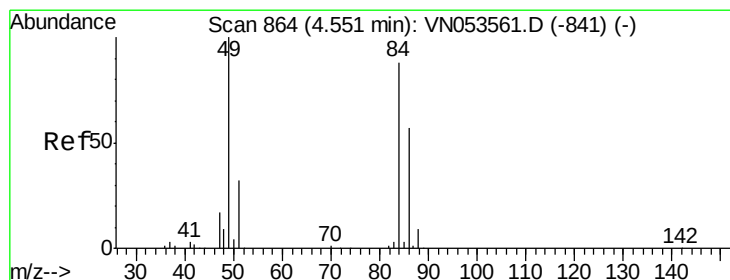
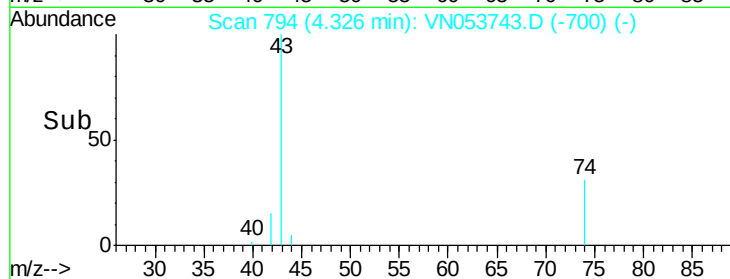
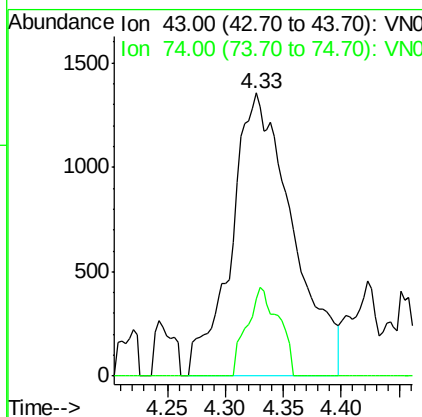
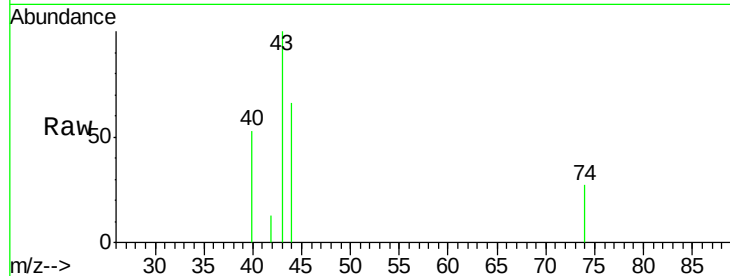




#18
Methyl Acetate
Concen: 0.868 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053743.D
Acq: 12 Feb 2019 20:55

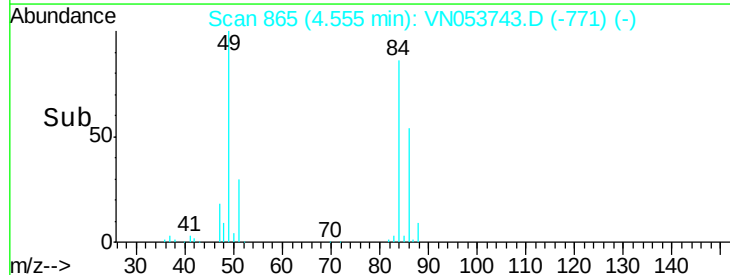
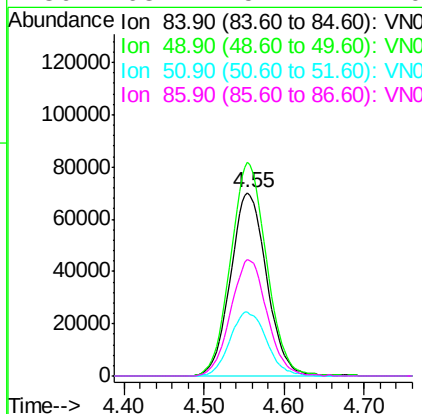
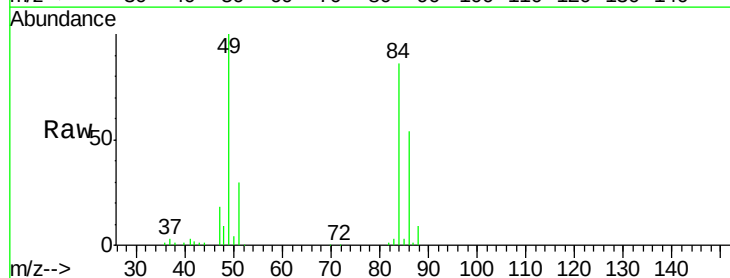
Instrument :
MSVOA_N
ClientSampled :
HD-02-021119

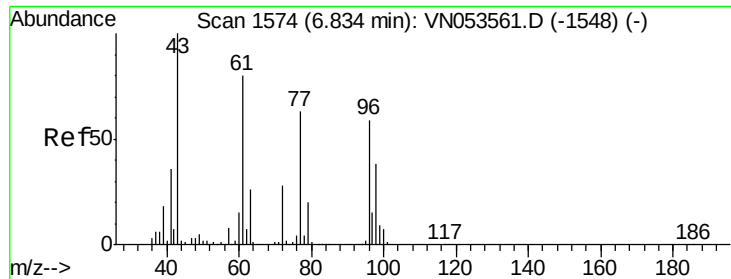
Tot Ion: 43 Resp: 4968
Ion Ratio Lower Upper
43 100
74 16.3 19.4 29.2#



#20
Methylene Chloride
Concen: 26.466 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053743.D
Acq: 12 Feb 2019 20:55

Tgt Ion: 84 Resp: 214651
Ion Ratio Lower Upper
84 100
49 116.5 94.3 141.5
51 34.8 29.4 44.2
86 63.4 51.4 77.0

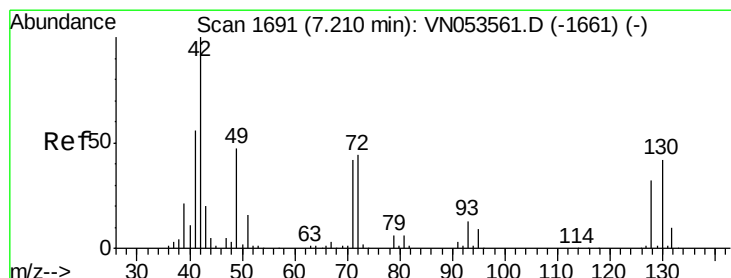
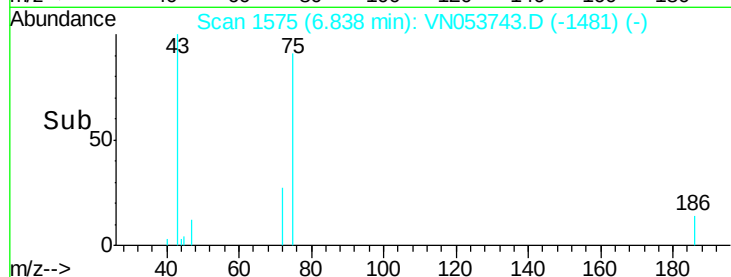
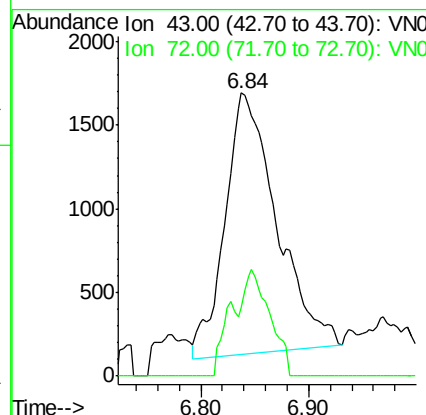
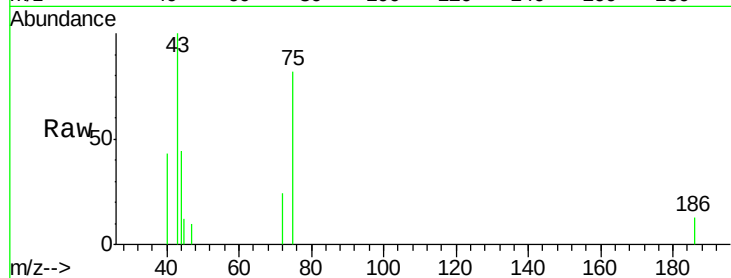




#25
2-Butanone
Concen: 1.901 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053743.D
Acq: 12 Feb 2019 20:55

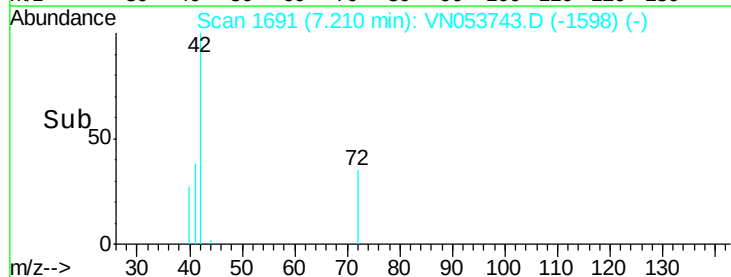
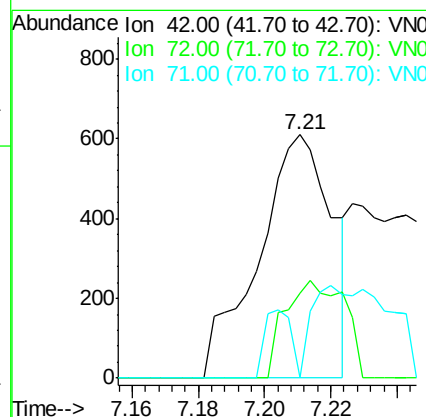
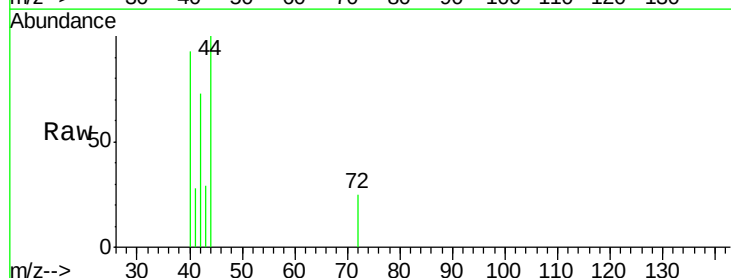
Instrument :
MSVOA_N
ClientSampleId :
HD-02-021119

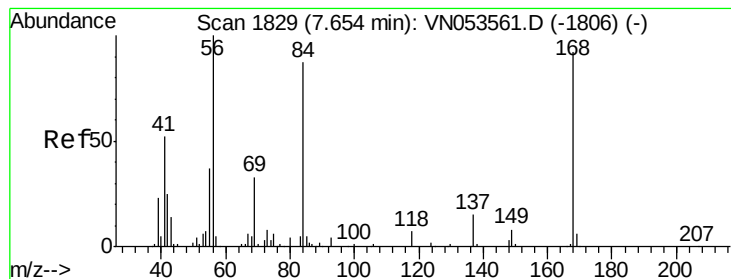
Tot Ion: 43 Resp: 5241
Ion Ratio Lower Upper
43 100
72 27.1 22.0 33.0



#29
Tetrahydrofuran
Concen: 0.532 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053743.D
Acq: 12 Feb 2019 20:55

Tgt Ion: 42 Resp: 942
Ion Ratio Lower Upper
42 100
72 32.5 35.2 52.8#
71 40.0 33.0 49.4





#31

Cyclohexane

Concen: 0.663 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

Instrument :

MSVOA_N

ClientSampled :

HD-02-021119

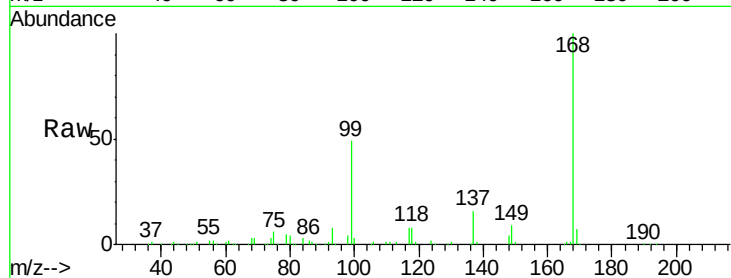
Tot Ion: 56 Resp: 10577

Ion Ratio Lower Upper

56 100

69 185.2 26.4 39.6#

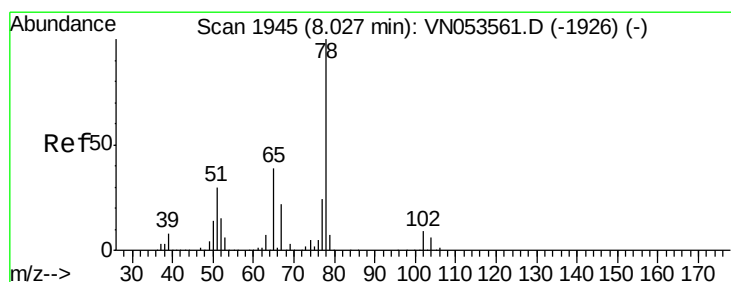
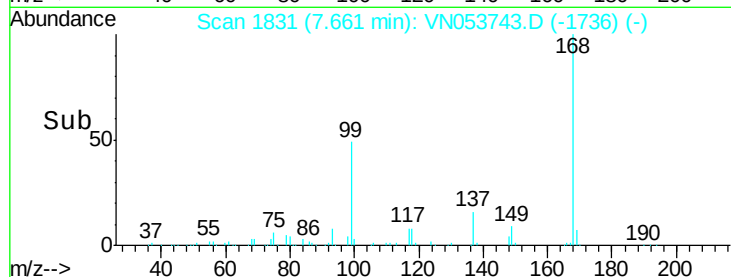
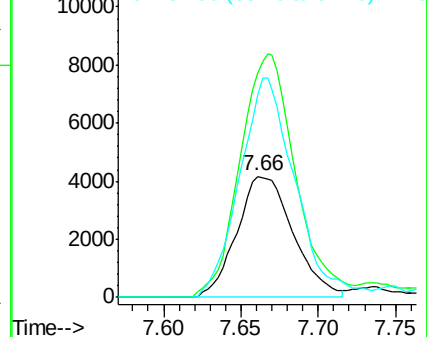
84 167.4 67.9 101.9#



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: 52.340 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053743.D

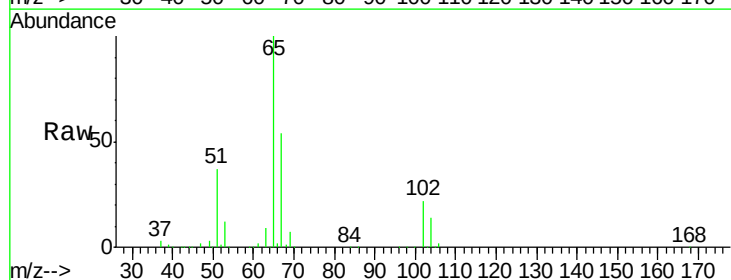
Acq: 12 Feb 2019 20:55

Tgt Ion: 65 Resp: 394466

Ion Ratio Lower Upper

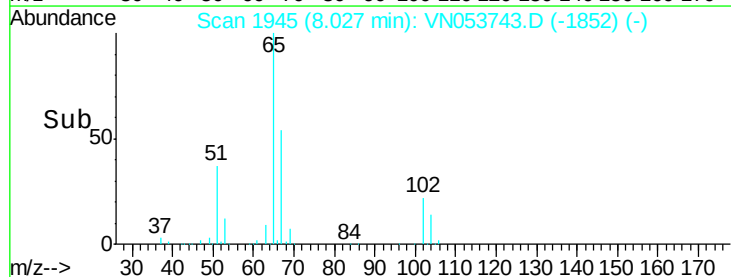
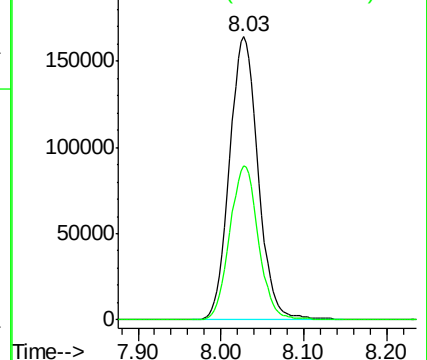
65 100

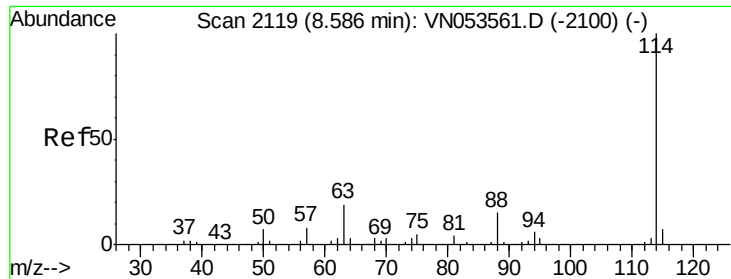
67 54.6 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

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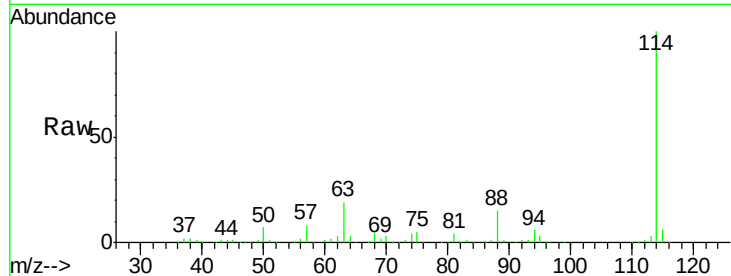
Tot Ion:114 Resp: 1174699

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

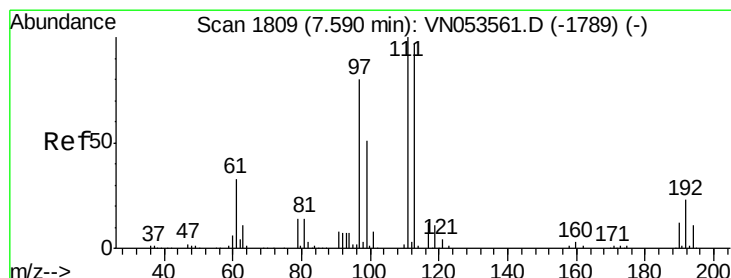
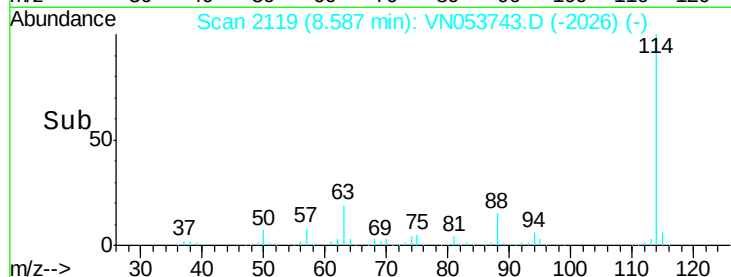
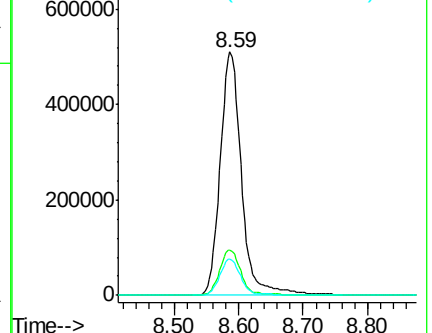
88 14.9 0.0 30.4



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: 51.718 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

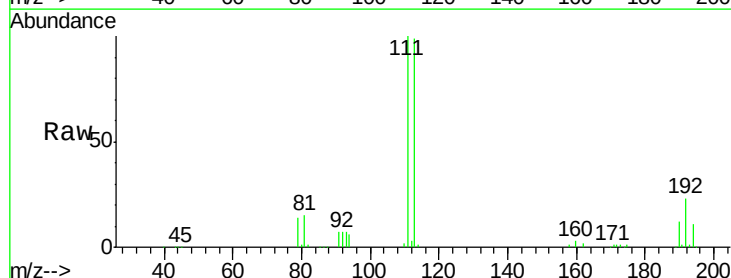
Tgt Ion:113 Resp: 383878

Ion Ratio Lower Upper

113 100

111 103.1 81.1 121.7

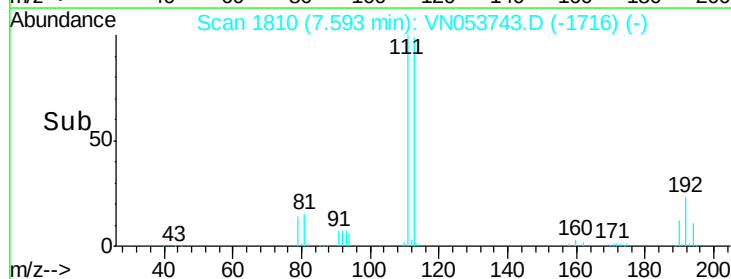
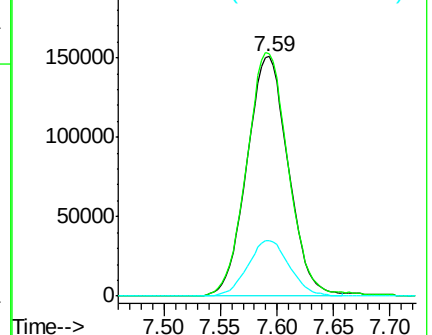
192 23.3 18.2 27.2

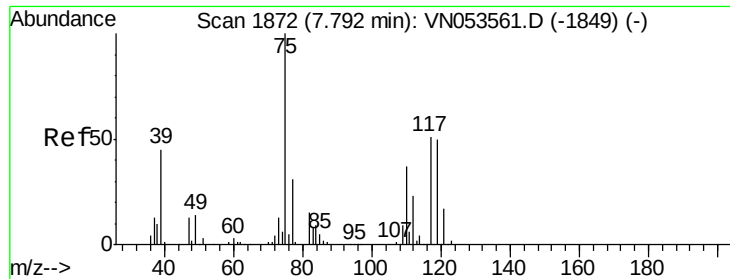


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

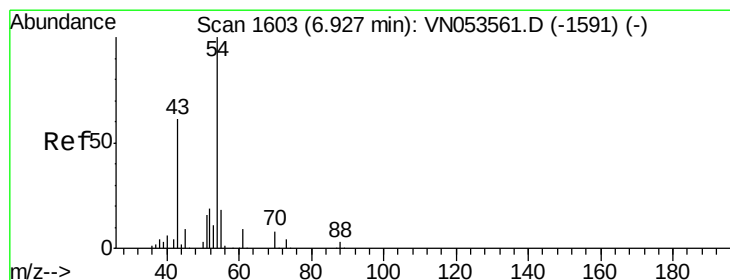
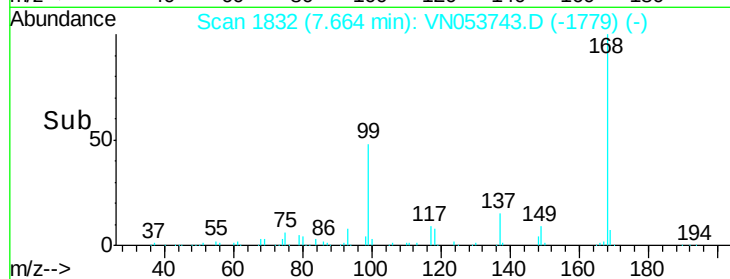
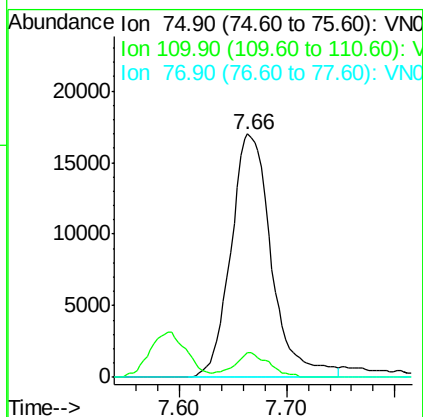
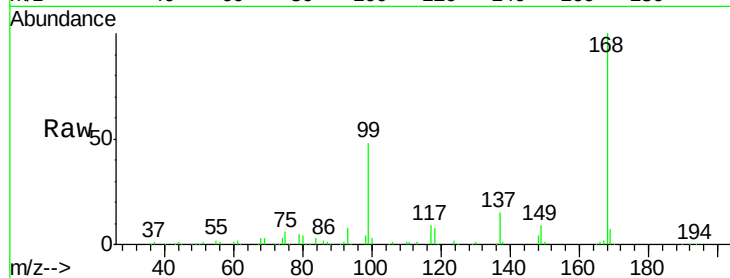




#36
 1,1-Dichloropropene
 Concen: 4.214 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053743.D
 Acq: 12 Feb 2019 20:55

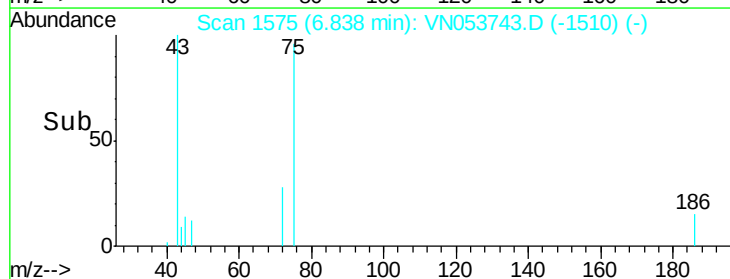
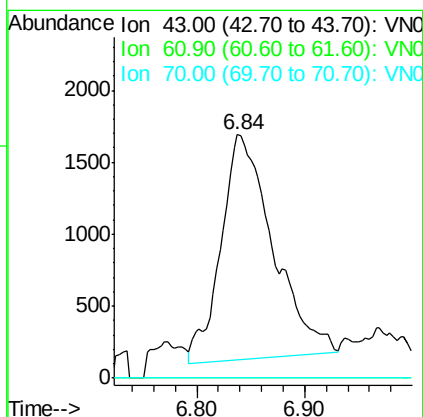
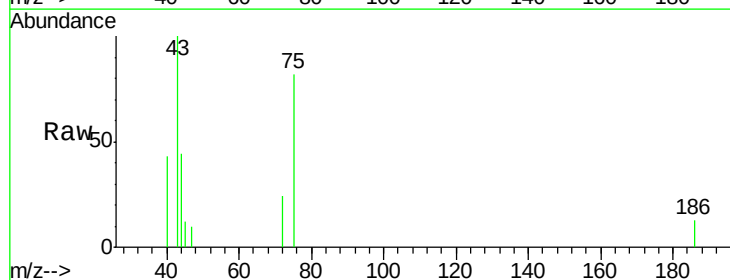
Instrument :
 MSVOA_N
 ClientSampled :
 HD-02-021119

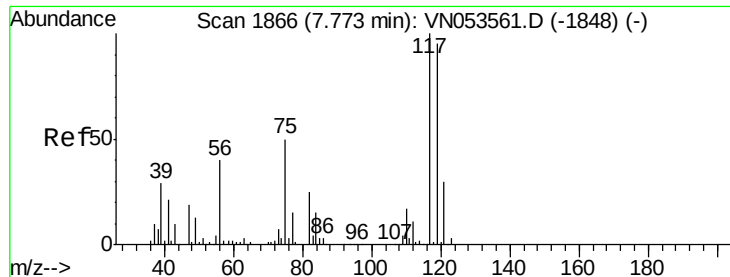
Tot Ion: 75 Resp: 44621
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.1 54.3#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 0.886 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.09 min
 Lab File: VN053743.D
 Acq: 12 Feb 2019 20:55

Tgt Ion: 43 Resp: 5241
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.6#
 70 0.0 8.6 12.8#

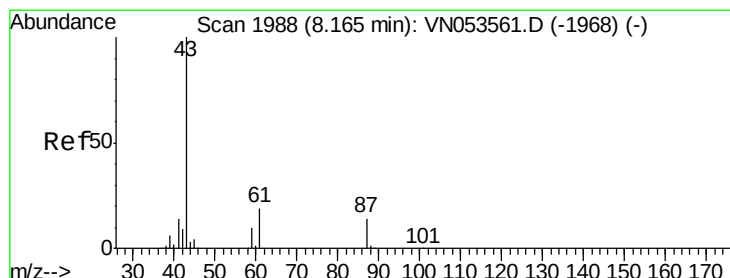
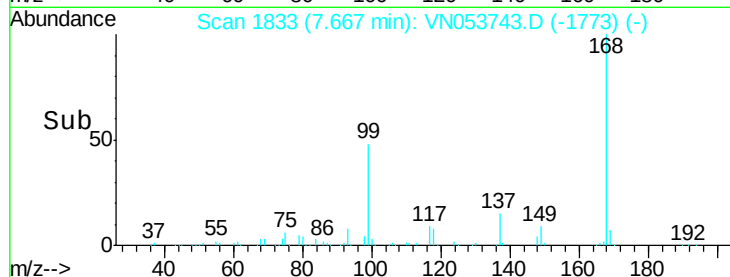
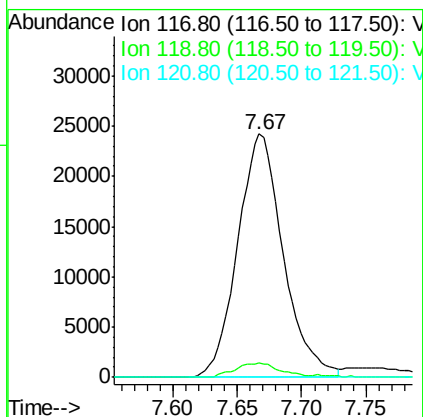
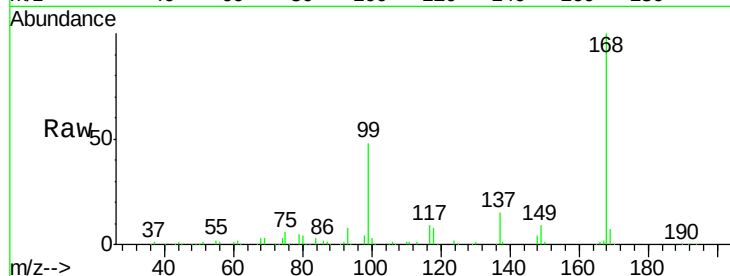




#38
Carbon Tetrachloride
Concen: 5.586 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053743.D
Acq: 12 Feb 2019 20:55

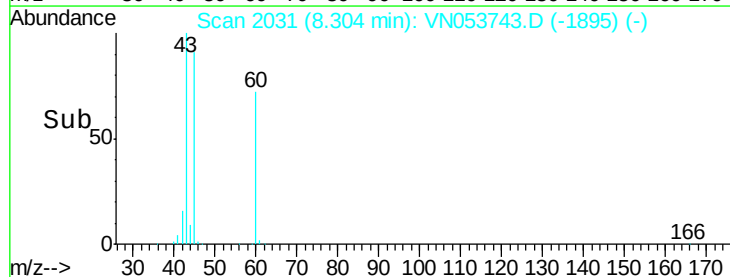
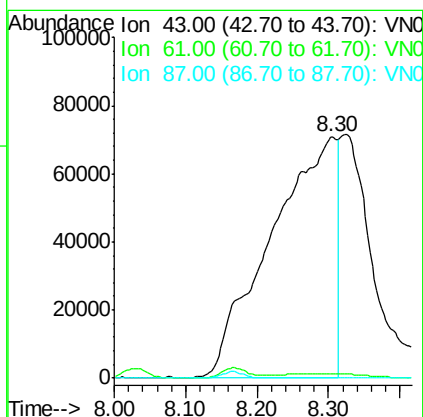
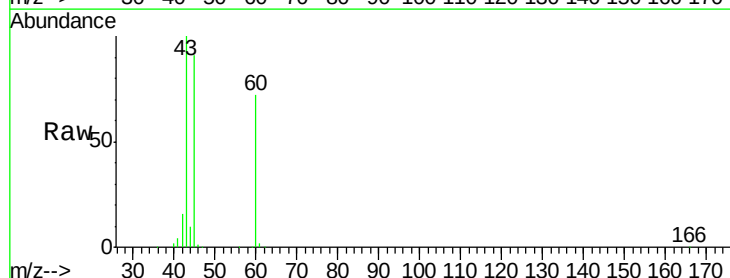
Instrument :
MSVOA_N
ClientSampleId :
HD-02-021119

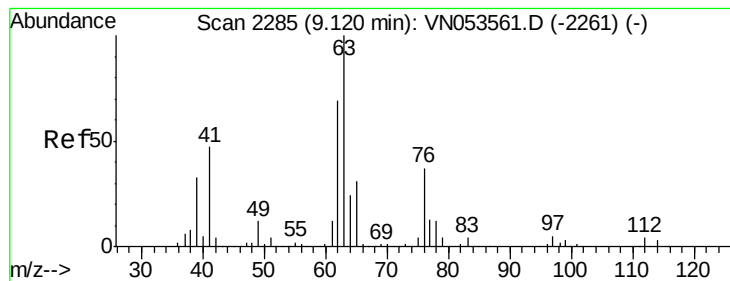
Tot Ion:117 Resp: 59586
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 39.530 ug/l
RT: 8.30 min Scan# 2031
Delta R.T. 0.14 min
Lab File: VN053743.D
Acq: 12 Feb 2019 20:55

Tgt Ion: 43 Resp: 451484
Ion Ratio Lower Upper
43 100
61 0.0 23.9 35.9#
87 0.0 11.0 16.6#





#45

1,2-Dichloropropane

Concen: 0.254 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

Instrument :

MSVOA_N

ClientSampled :

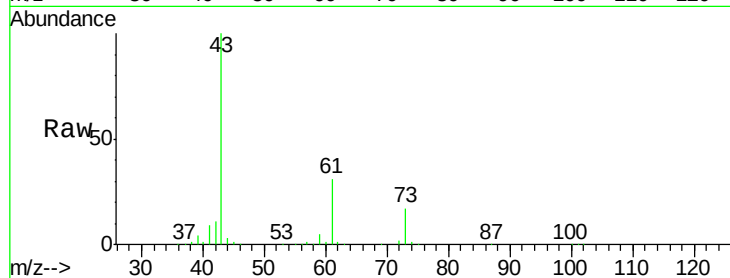
HD-02-021119

Tot Ion: 63 Resp: 2124

Ion Ratio Lower Upper

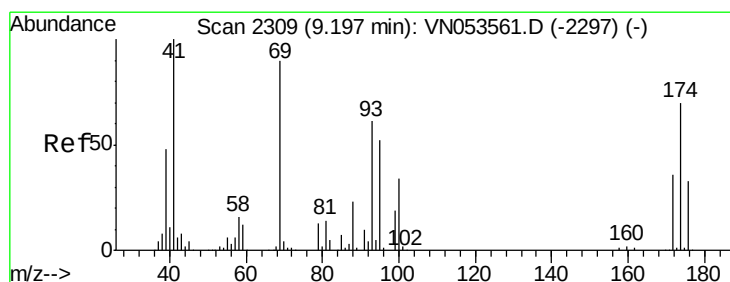
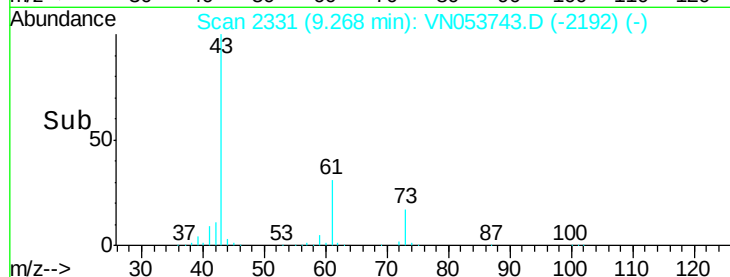
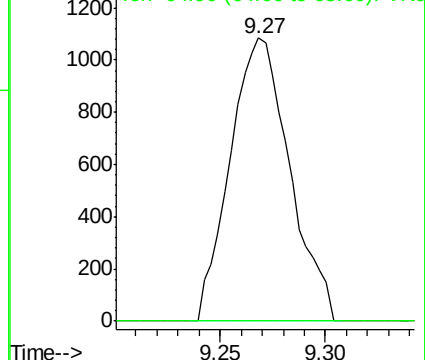
63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 2.292 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

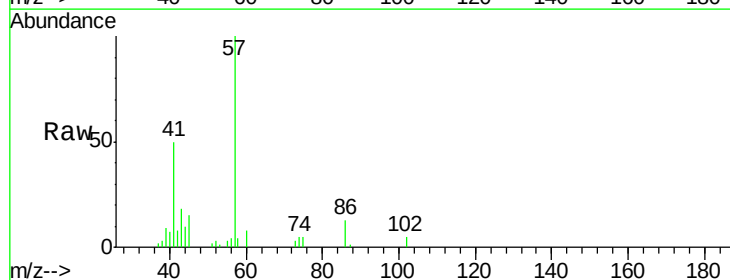
Tgt Ion: 41 Resp: 12496

Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

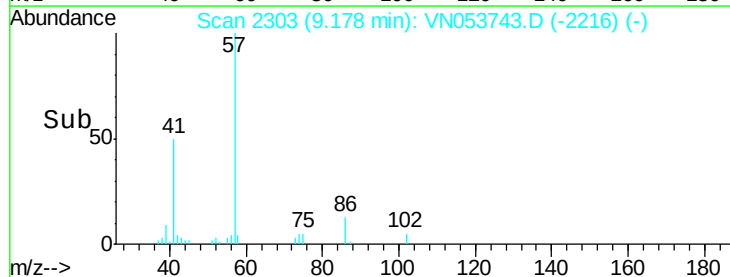
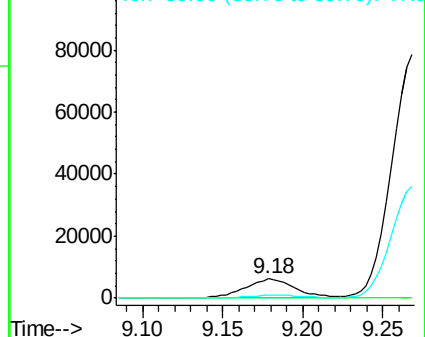
39 18.5 40.0 60.0#

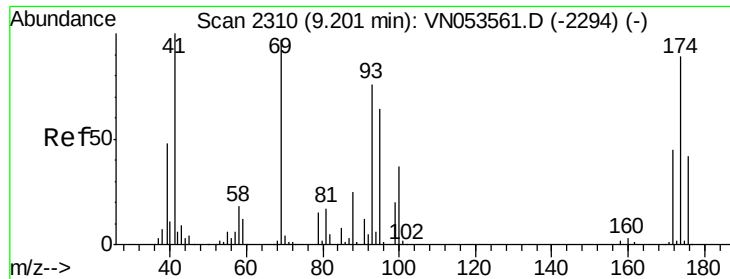


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 39.840 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.07 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

Instrument :

MSVOA_N

ClientSampled :

HD-02-021119

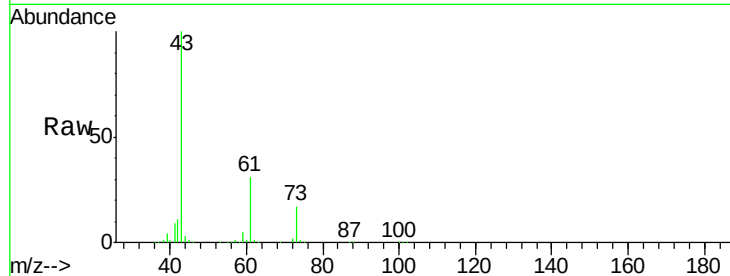
Tot Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 2852985.2 27.8 41.6#

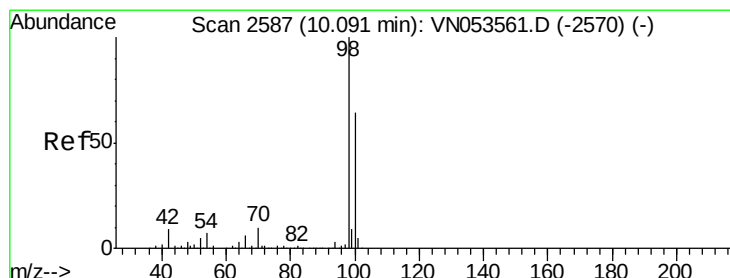
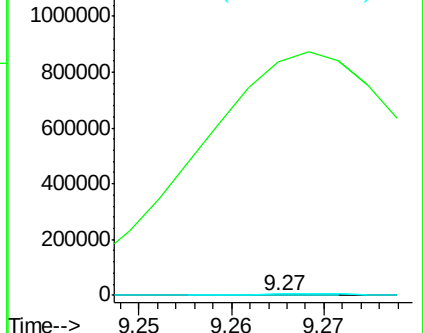
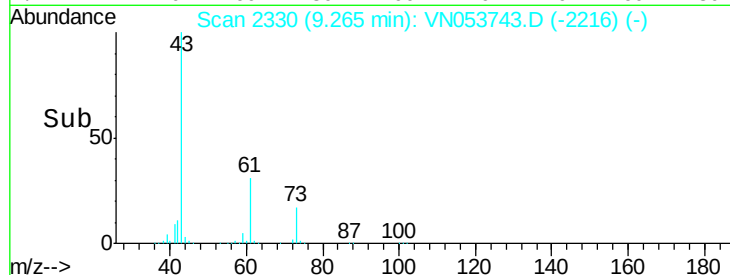
58 13706.6 56.5 84.7#



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



#50

Toluene-d8

Concen: 51.008 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053743.D

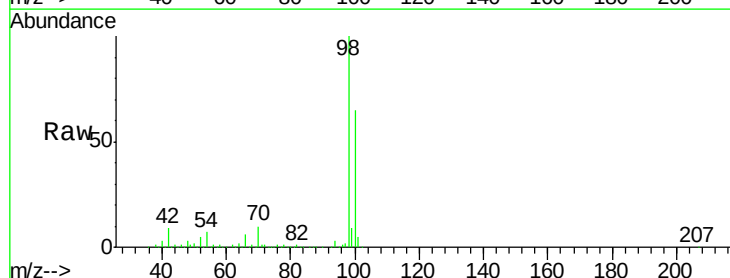
Acq: 12 Feb 2019 20:55

Tgt Ion: 98 Resp: 1421624

Ion Ratio Lower Upper

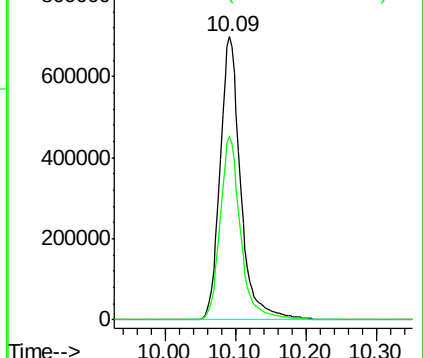
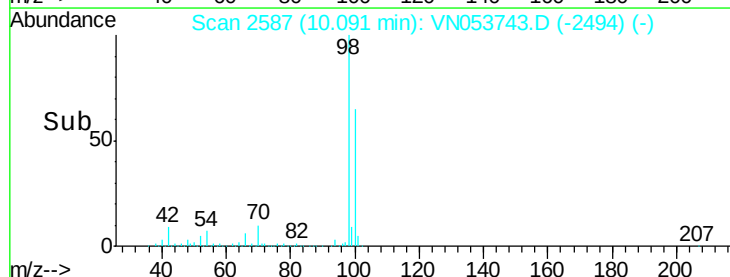
98 100

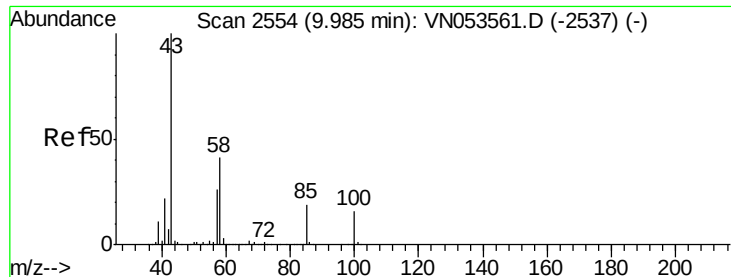
100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

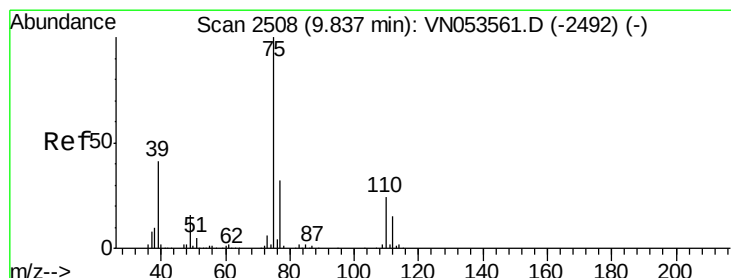
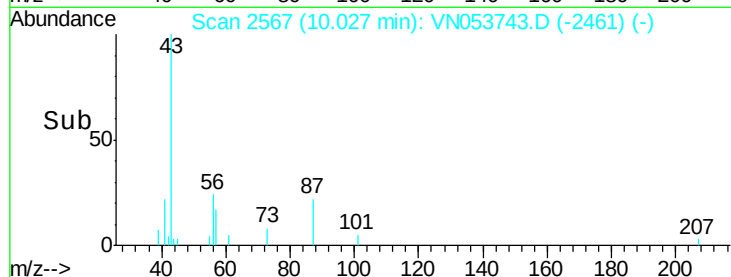
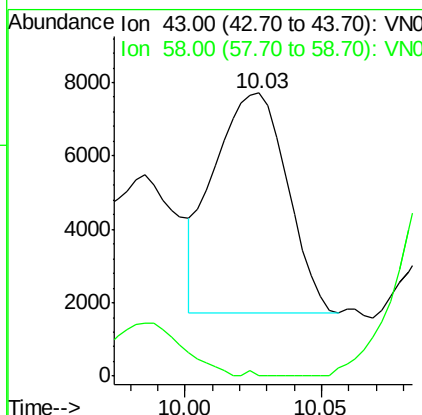
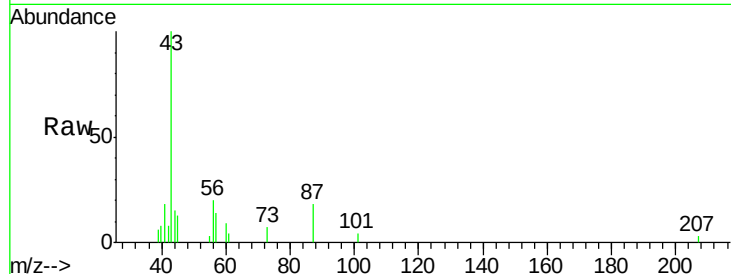




#51
 4-Methyl-2-Pentanone
 Concen: 1.994 ug/l
 RT: 10.03 min Scan# 2567
 Delta R.T. 0.04 min
 Lab File: VN053743.D
 Acq: 12 Feb 2019 20:55

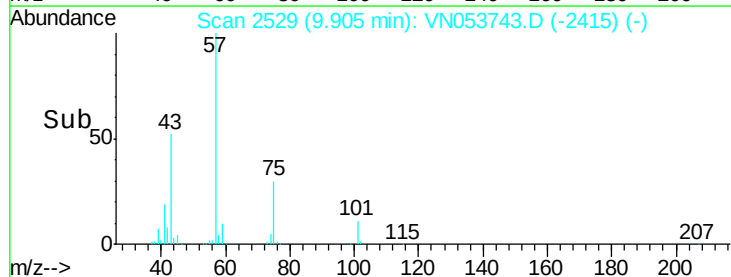
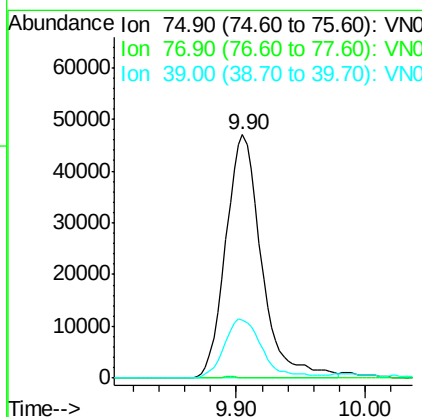
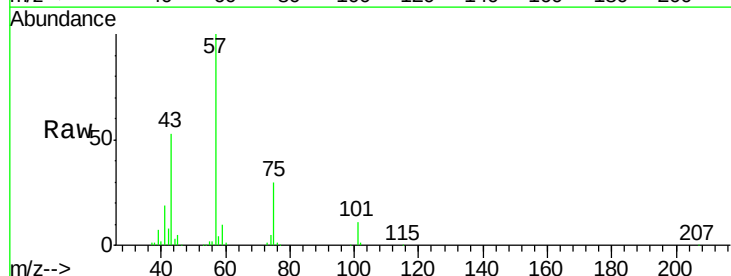
Instrument :
 MSVOA_N
 ClientSampled :
 HD-02-021119

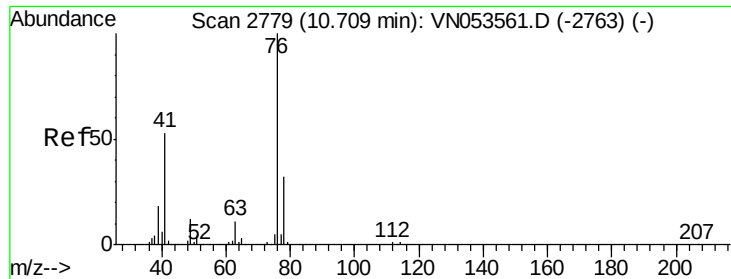
Tot Ion: 43 Resp: 11190
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.8 49.2#



#54
 cis-1,3-Dichloropropene
 Concen: 7.284 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN053743.D
 Acq: 12 Feb 2019 20:55

Tgt Ion: 75 Resp: 90475
 Ion Ratio Lower Upper
 75 100
 77 0.3 25.8 38.6#
 39 23.9 33.4 50.0#

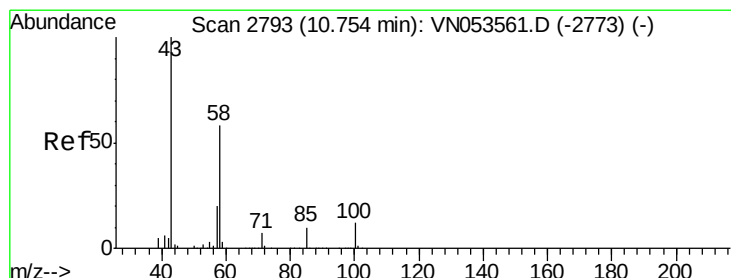
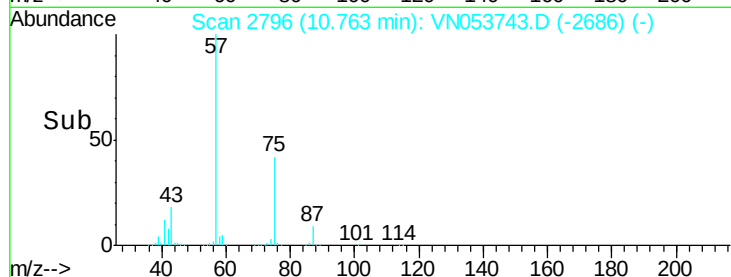
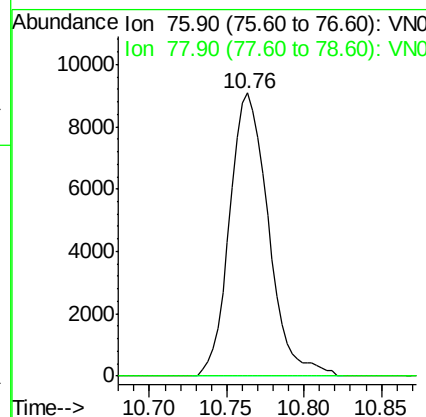
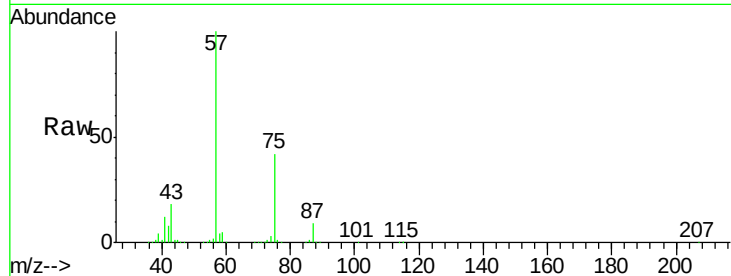




#57
 1,3-Dichloropropane
 Concen: 1.324 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053743.D
 Acq: 12 Feb 2019 20:55

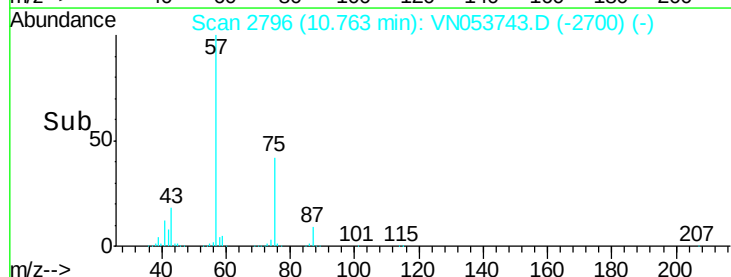
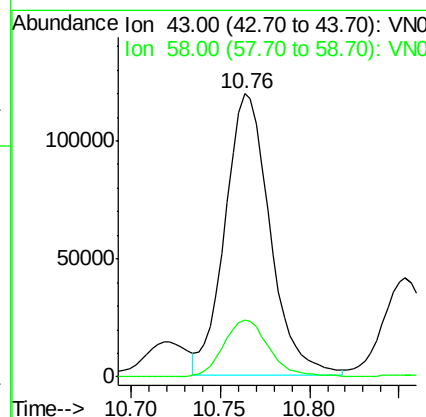
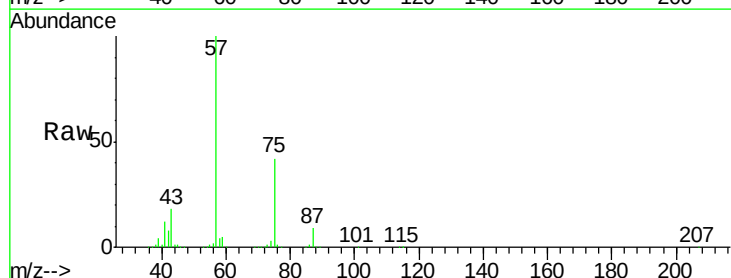
Instrument :
 MSVOA_N
 ClientSampled :
 HD-02-021119

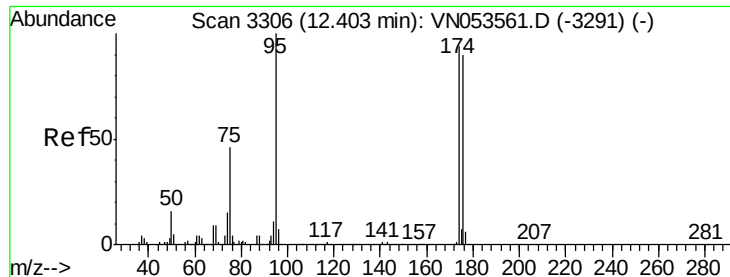
Tot Ion: 76 Resp: 15808
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 54.785 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053743.D
 Acq: 12 Feb 2019 20:55

Tgt Ion: 43 Resp: 208740
 Ion Ratio Lower Upper
 43 100
 58 20.8 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: 51.090 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

Instrument :

MSVOA_N

ClientSampleId :

HD-02-021119

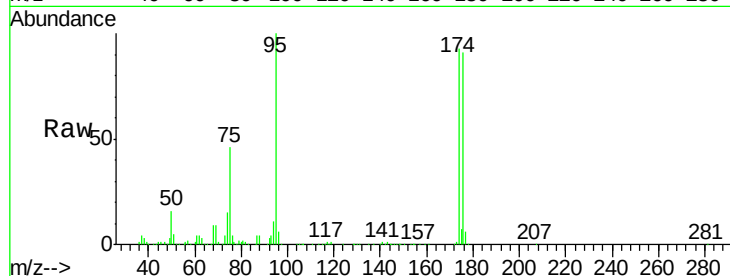
Tot Ion: 95 Resp: 474896

Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.2

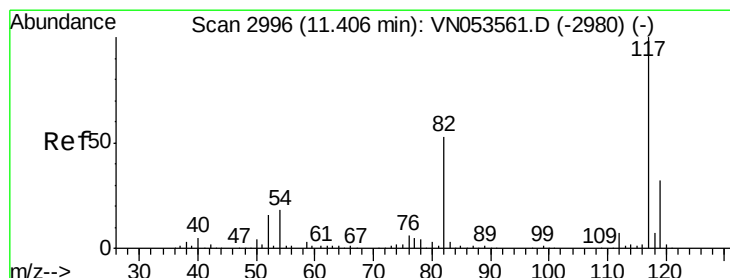
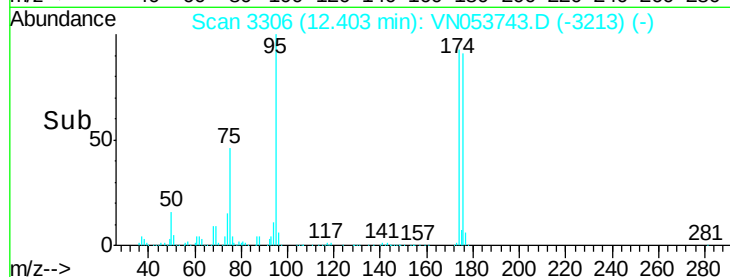
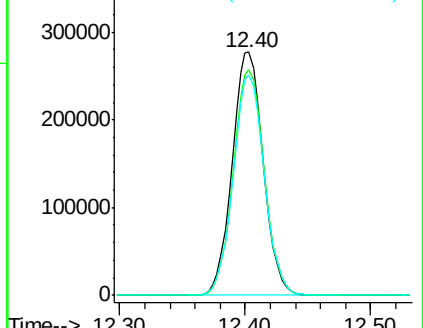
176 90.6 0.0 177.4



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: VN053743.D

Acq: 12 Feb 2019 20:55

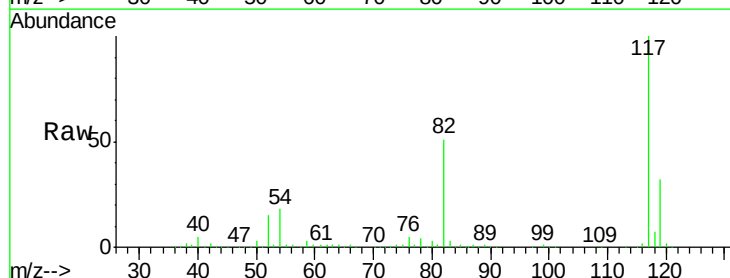
Tgt Ion: 117 Resp: 1088896

Ion Ratio Lower Upper

117 100

82 51.5 42.9 64.3

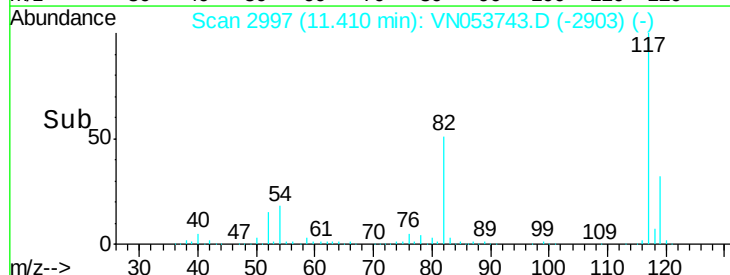
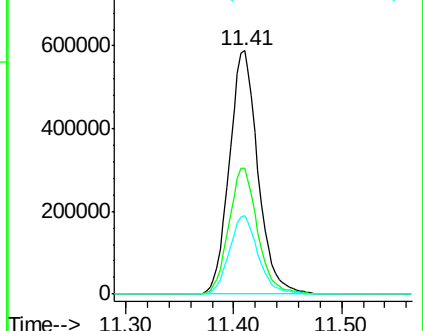
119 32.0 26.0 39.0

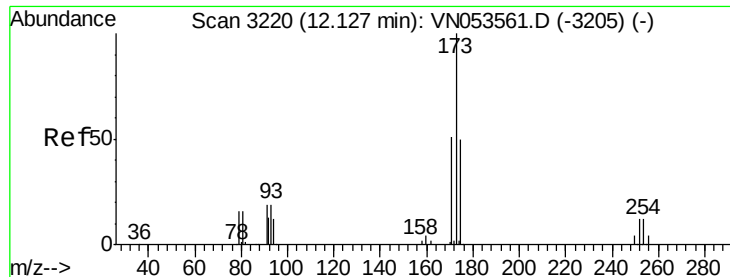


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

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: 0.550 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

Instrument :

MSVOA_N

ClientSampled :

HD-02-021119

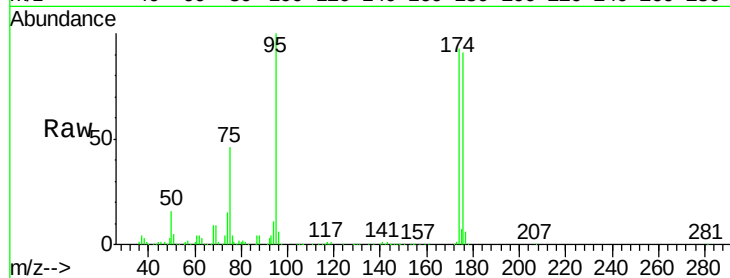
Tot Ion:173 Resp: 3044

Ion Ratio Lower Upper

173 100

175 910.3 24.6 74.0#

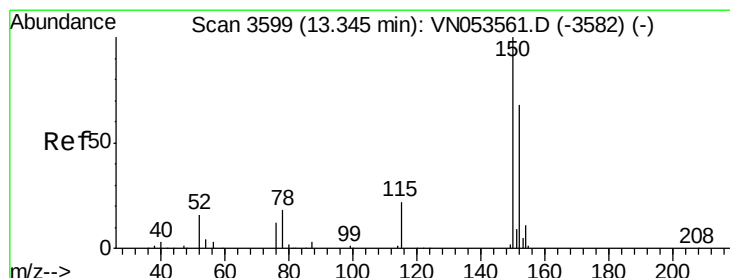
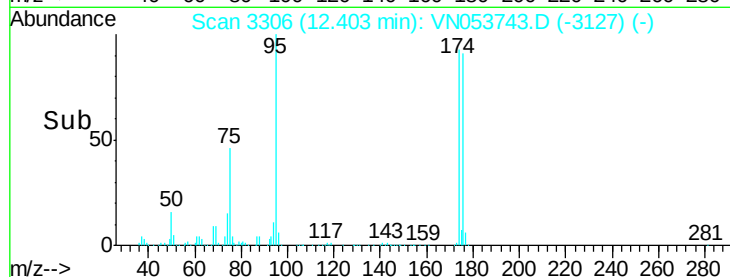
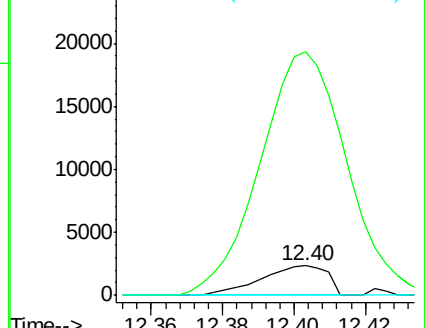
254 0.0 0.2 0.2#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

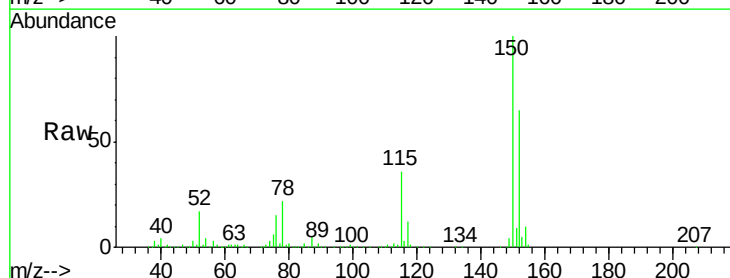
Tgt Ion:152 Resp: 448415

Ion Ratio Lower Upper

152 100

115 55.0 27.8 83.4

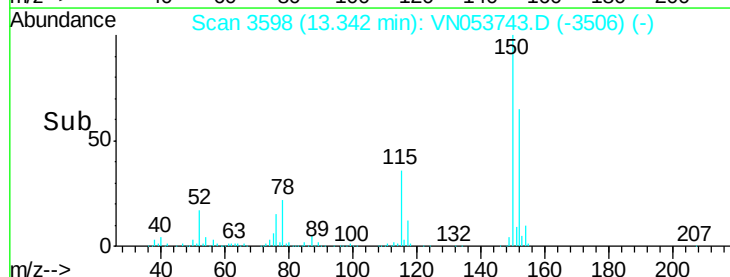
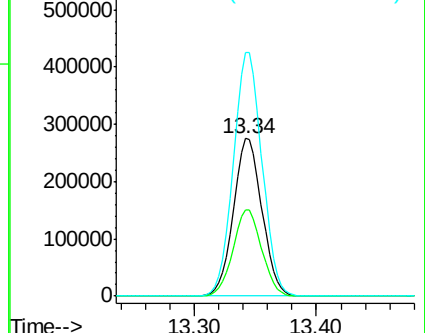
150 155.2 0.0 349.0

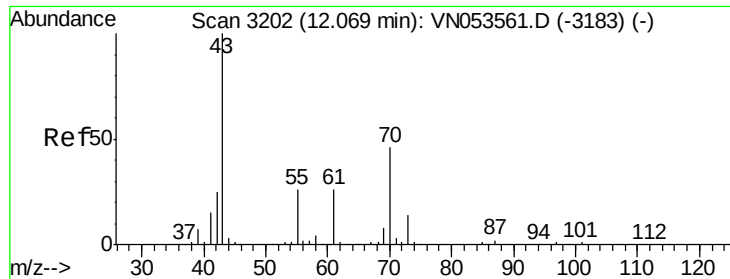


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 3.217 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

Instrument :

MSVOA_N

ClientSampled :

HD-02-021119

Tot Ion: 43 Resp: 24384

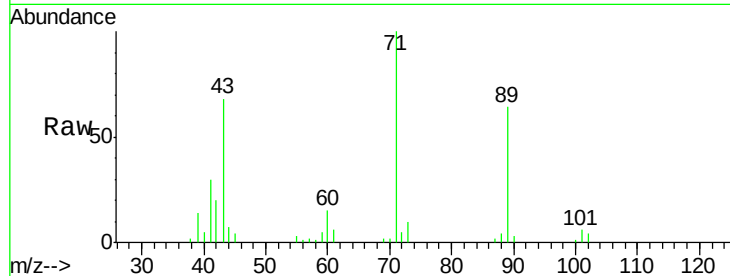
Ion Ratio Lower Upper

43 100

70 2.6 35.4 53.2#

55 5.1 20.9 31.3#

61 10.5 20.5 30.7#

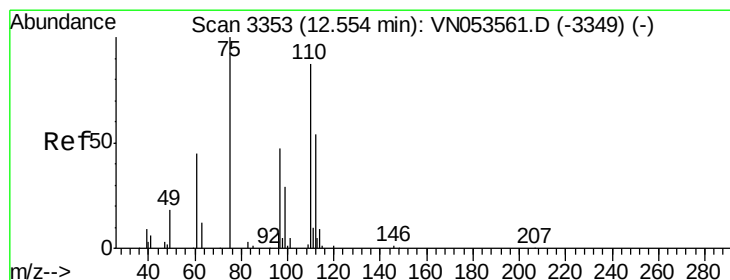
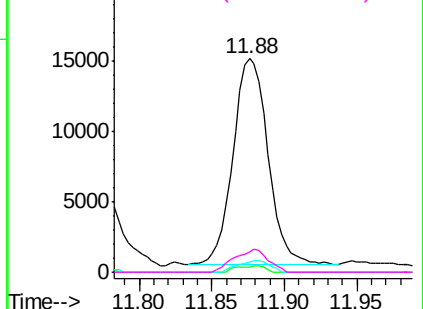
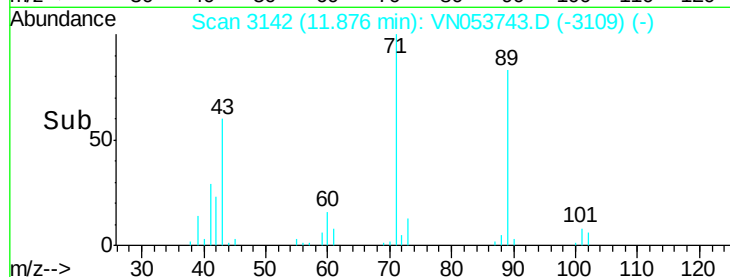


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 38.318 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053743.D

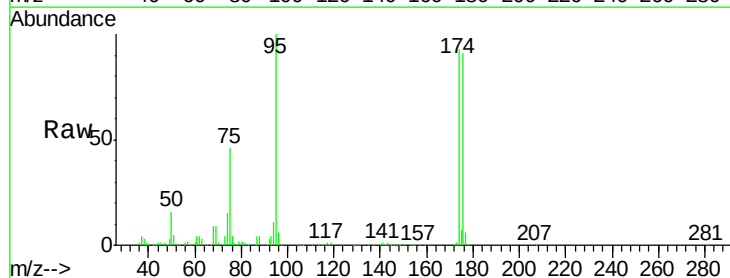
Acq: 12 Feb 2019 20:55

Tgt Ion: 75 Resp: 220698

Ion Ratio Lower Upper

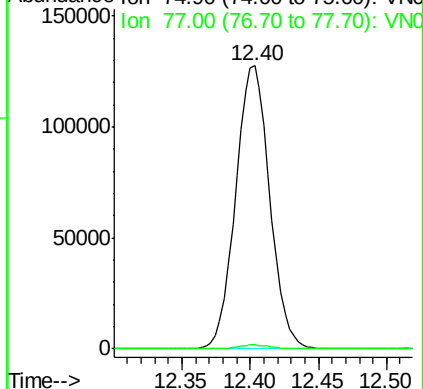
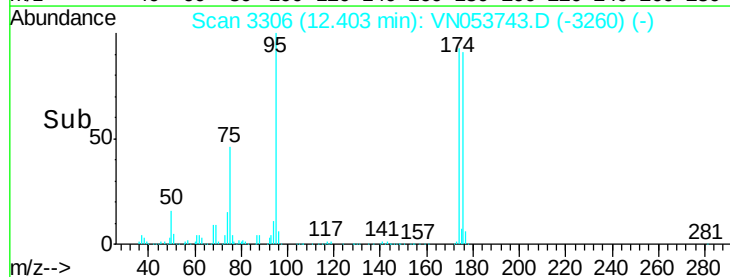
75 100

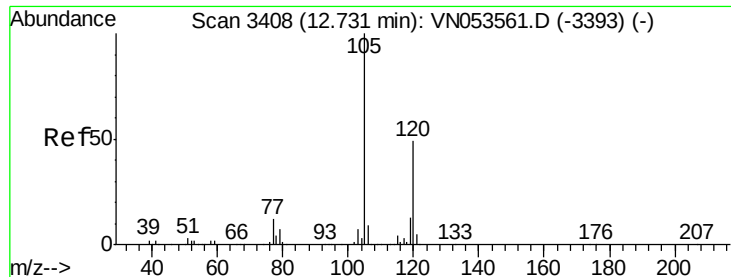
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.386 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

Instrument :

MSVOA_N

ClientSampleId :

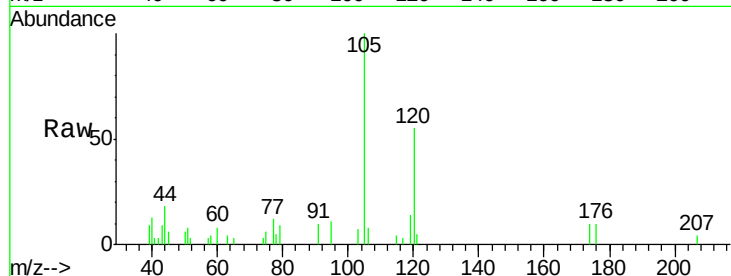
HD-02-021119

Tot Ion:105 Resp: 10093

Ion Ratio Lower Upper

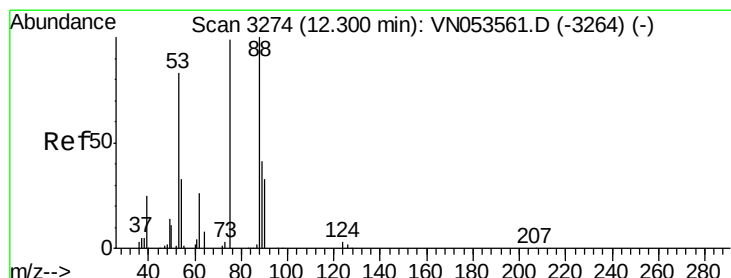
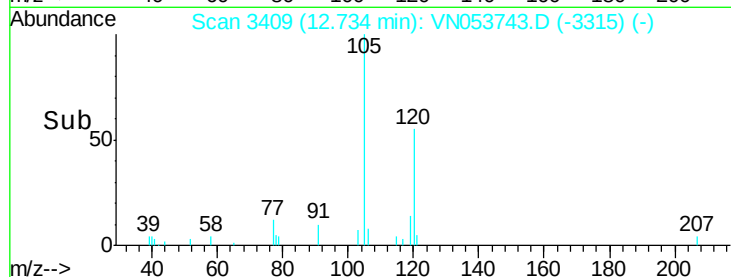
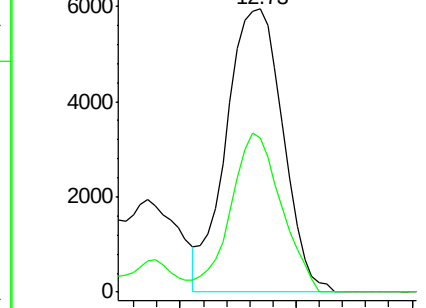
105 100

120 50.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 107.748 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

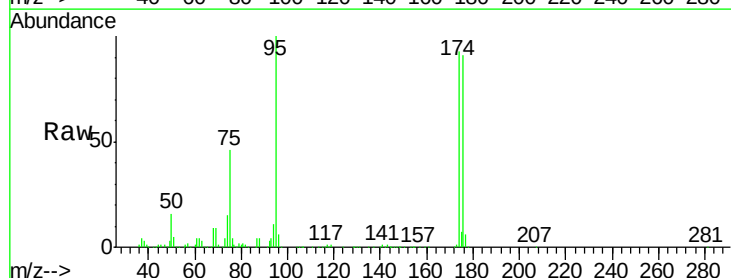
Tgt Ion: 75 Resp: 220698

Ion Ratio Lower Upper

75 100

53 0.1 69.8 104.6#

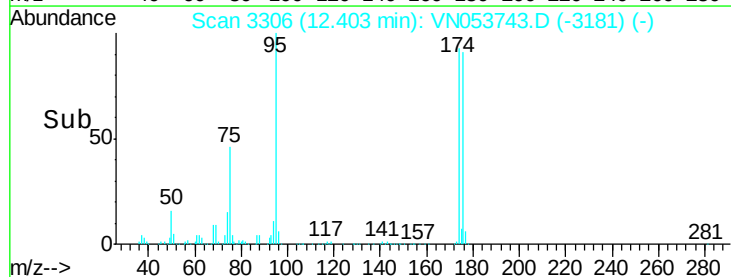
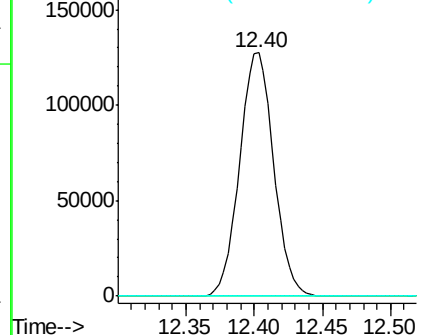
89 0.0 35.6 53.4#

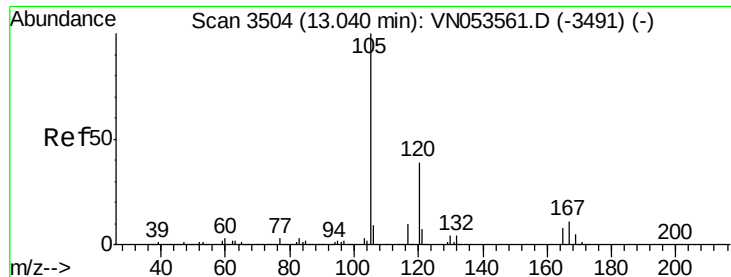


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.507 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

Instrument :

MSVOA_N

ClientSampleId :

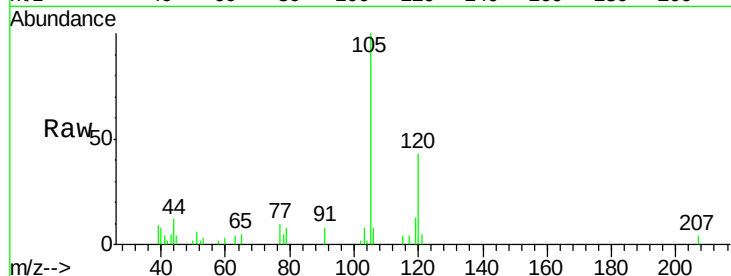
HD-02-021119

Tot Ion:105 Resp: 13497

Ion Ratio Lower Upper

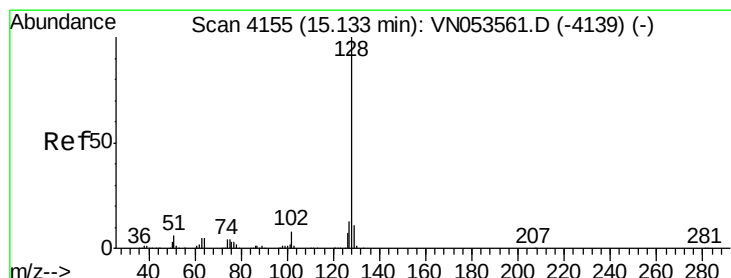
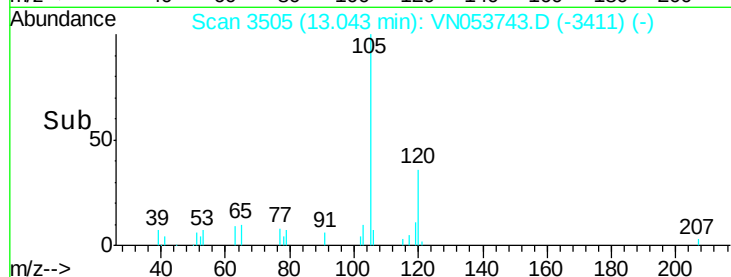
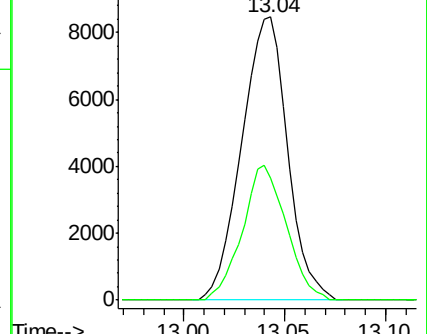
105 100

120 45.5 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: 4.624 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053743.D

Acq: 12 Feb 2019 20:55

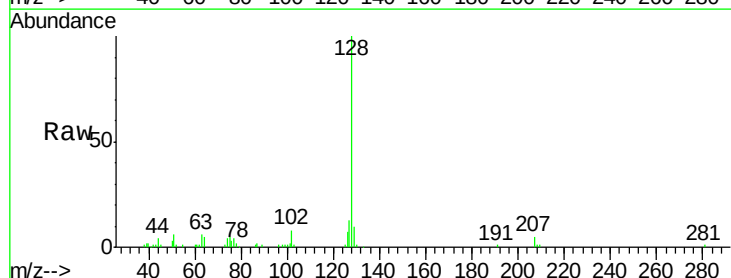
Tgt Ion:128 Resp: 58928

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.3 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

