

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053730.D
 Acq On : 12 Feb 2019 15:06
 Operator : JC/SP
 Sample : K1458-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Quant Time: Feb 13 04:15:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	709611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1167216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1102155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	461964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	378878	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
35) Dibromofluoromethane	7.59	113	370037	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.09	98	1426661	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.40	95	486647	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	

Target Compounds

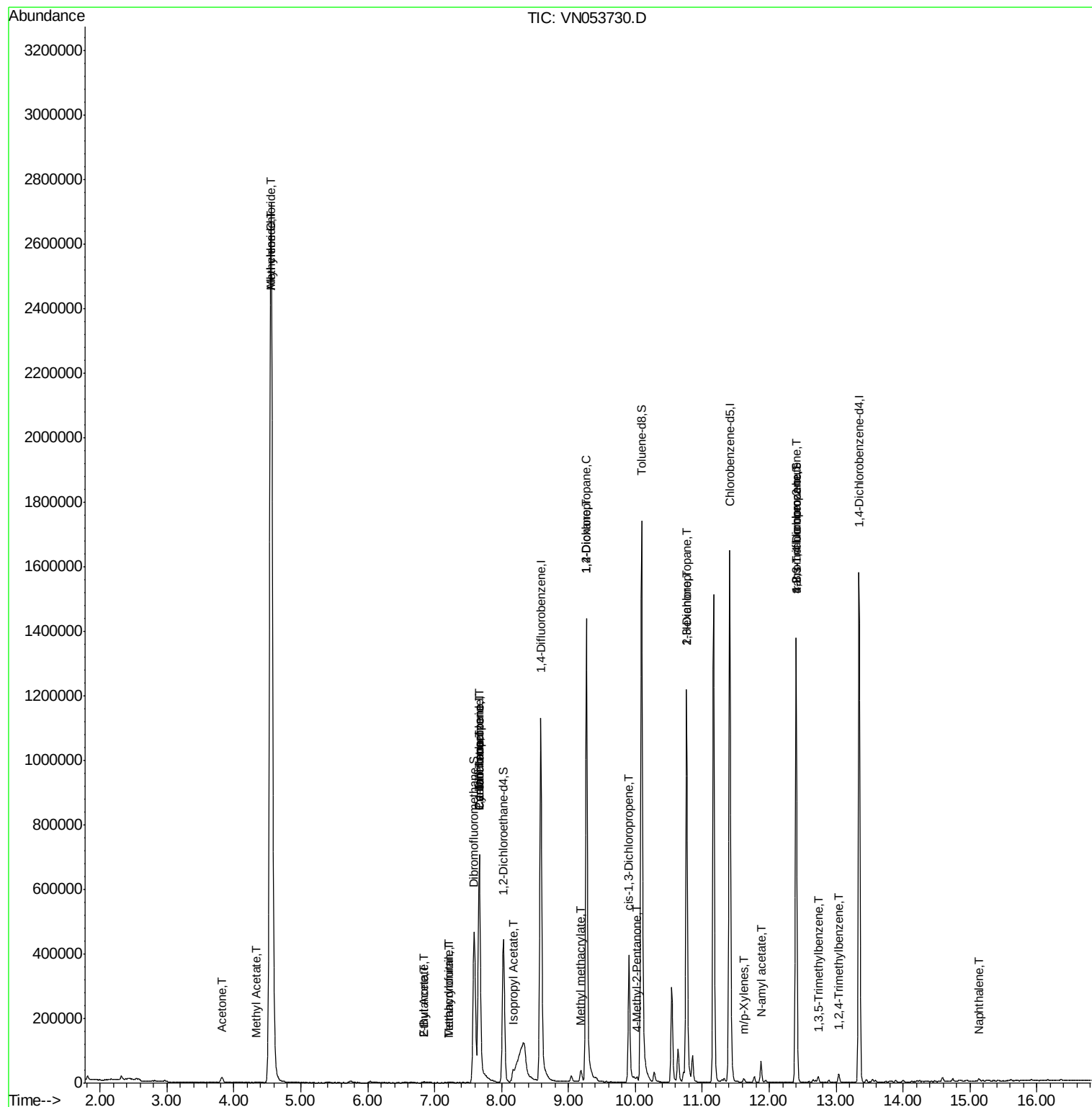
						Qvalue
14) Allyl chloride	4.55	41	80095	7.655	ug/l #	27
16) Acetone	3.82	43	28777	15.760	ug/l	93
18) Methyl Acetate	4.34	43	4483	0.829	ug/l #	75
20) Methylene Chloride	4.55	84	2247568	293.388	ug/l	98
25) 2-Butanone	6.84	43	6532	2.508	ug/l	95
29) Tetrahydrofuran	7.20	42	533	0.319	ug/l #	56
31) Cyclohexane	7.67	56	10296	0.688	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41838	3.976	ug/l #	48
37) Ethyl Acetate	6.84	43	6532	1.112	ug/l #	67
38) Carbon Tetrachloride	7.67	117	56969	5.375	ug/l #	16
41) Methacrylonitrile	7.22	41	745	0.227	ug/l #	29
43) Isopropyl Acetate	8.17	43	41203	3.631	ug/l #	80
45) 1,2-Dichloropropane	9.27	63	1947	0.235	ug/l #	43
48) Methyl methacrylate	9.18	41	13594	2.509	ug/l #	22
49) 1,4-Dioxane	9.27	88	30	39.465	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	10505	1.884	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	84657	6.859	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	14808	1.249	ug/l #	43
59) 2-Hexanone	10.76	43	182843	48.296	ug/l #	51
68) m/p-Xylenes	11.62	106	3993	0.272	ug/l	90
74) N-amyl acetate	11.88	43	19895	2.548	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	225205	37.954	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7340	0.273	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	225205	106.723	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	15413	0.562	ug/l	92
95) Naphthalene	15.13	128	7362	2.086	ug/l	97

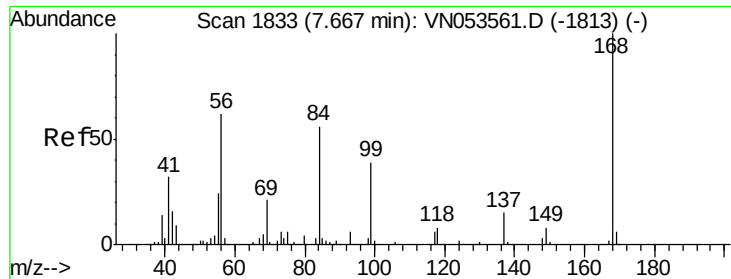
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021219\
Data File : VN053730.D
Acq On : 12 Feb 2019 15:06
Operator : JC/SP
Sample : K1458-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-4

Quant Time: Feb 13 04:15:04 2019
Quant Method : Z:\V0ASRV\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: VN053730.D

Acq: 12 Feb 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

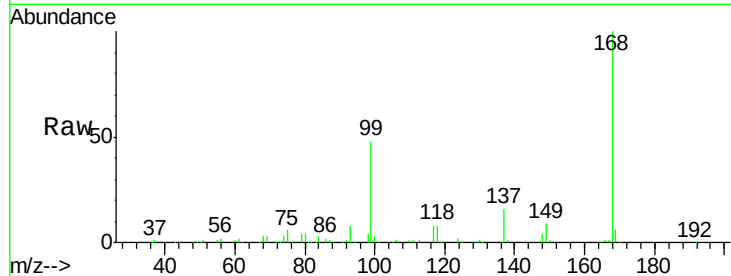
WC-4

Tot Ion:168 Resp: 709611

Ion Ratio Lower Upper

168 100

99 48.2 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

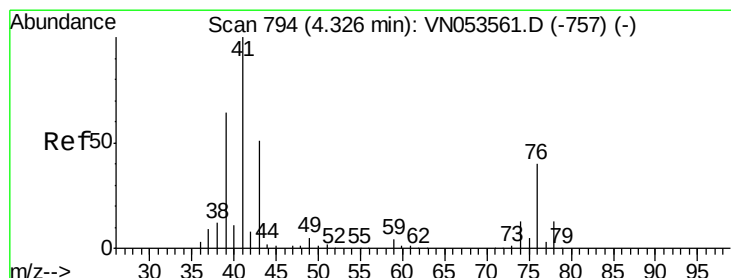
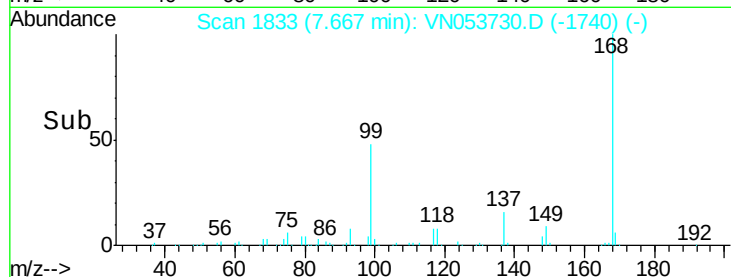
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 7.655 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

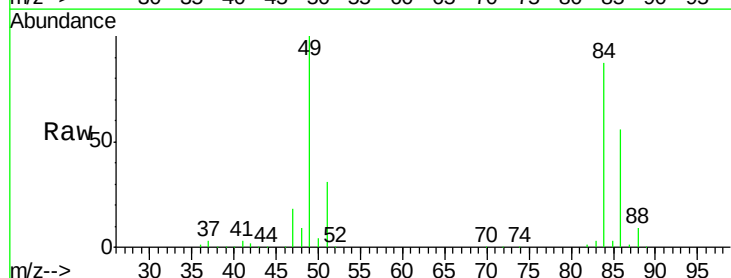
Tgt Ion: 41 Resp: 80095

Ion Ratio Lower Upper

41 100

39 0.7 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

4.55

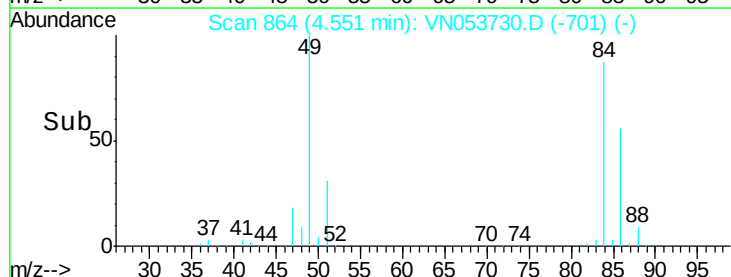
30000

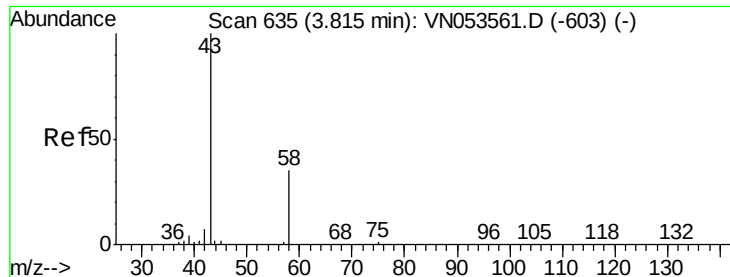
20000

10000

0

Time-->





#16

Acetone

Concen: 15.760 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

Instrument :

MSVOA_N

ClientSampled :

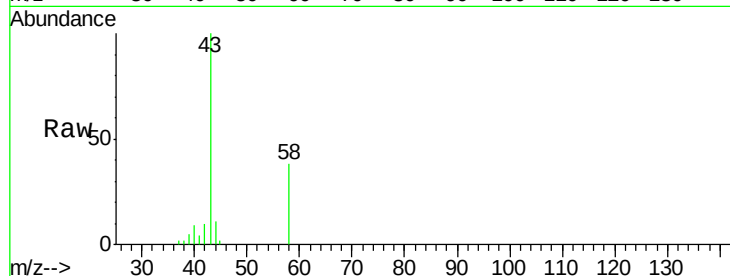
WC-4

Tot Ion: 43 Resp: 28777

Ion Ratio Lower Upper

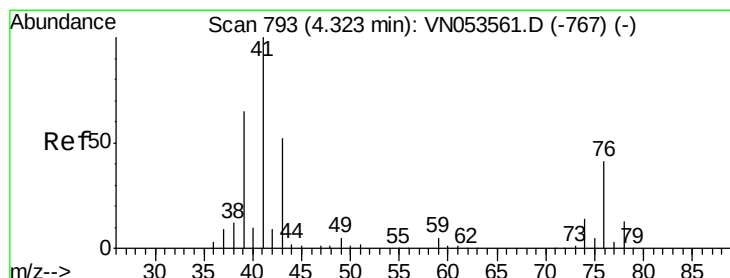
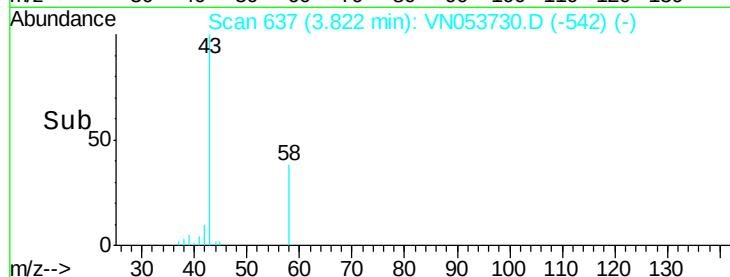
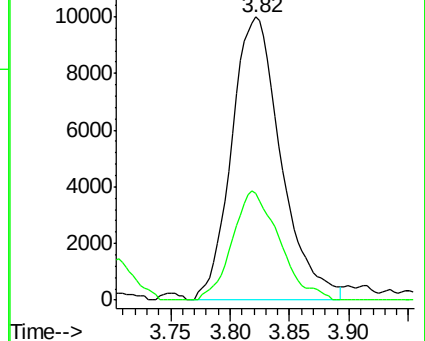
43 100

58 37.6 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: 0.829 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053730.D

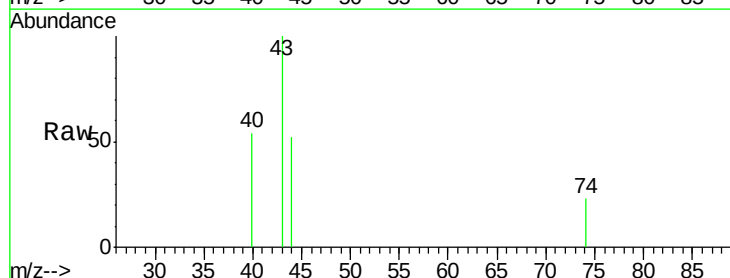
Acq: 12 Feb 2019 15:06

Tgt Ion: 43 Resp: 4483

Ion Ratio Lower Upper

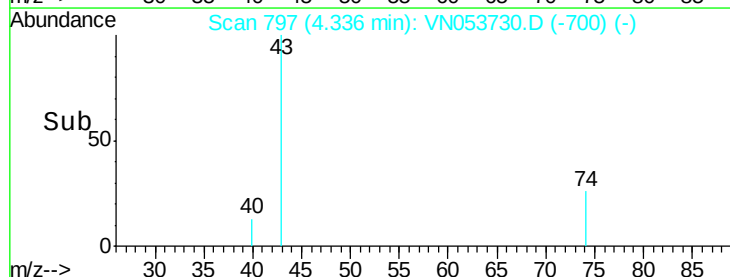
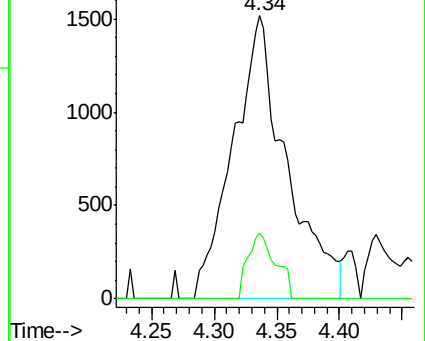
43 100

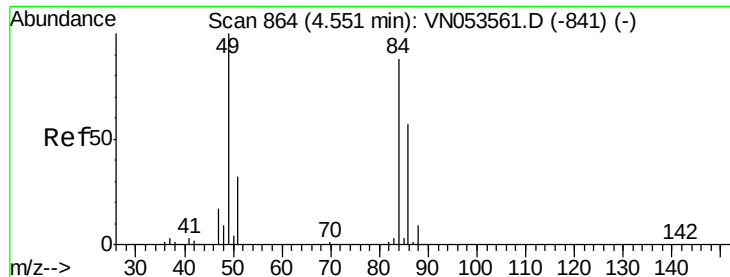
74 12.1 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



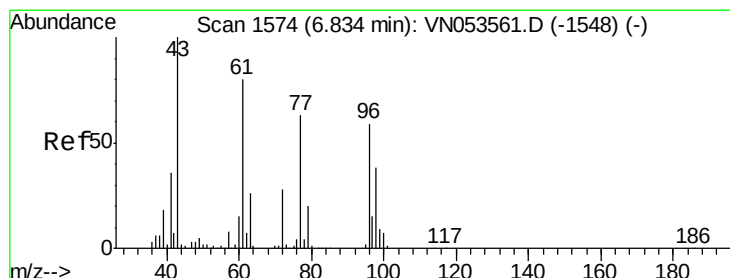
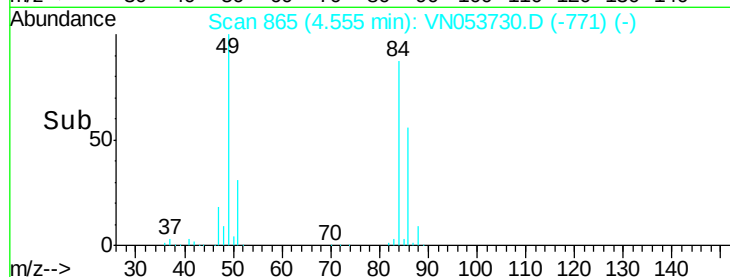
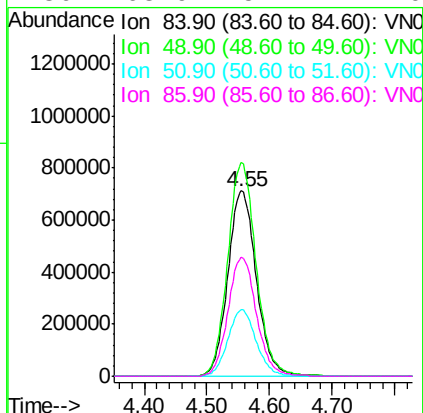
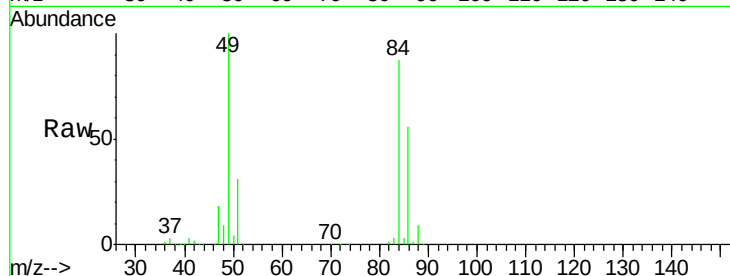


#20
Methvlene Chloride
Concen: 293.388 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053730.D
Acq: 12 Feb 2019 15:06

Instrument :
MSVOA_N
ClientSampled :
WC-4

Tot Ion: 84 Resp: 2247568

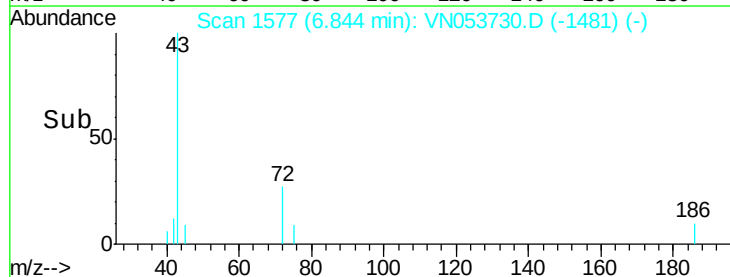
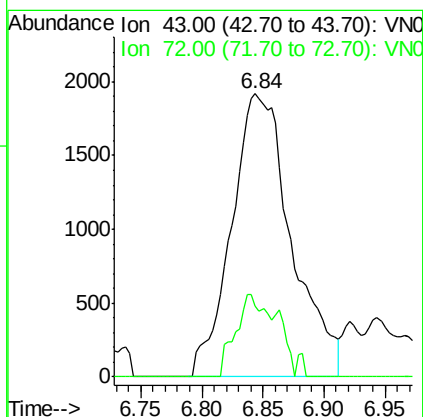
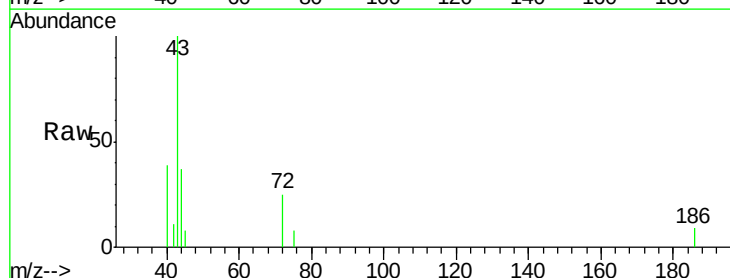
Ion	Ratio	Lower	Upper
84	100		
49	115.2	94.3	141.5
51	36.1	29.4	44.2
86	63.9	51.4	77.0

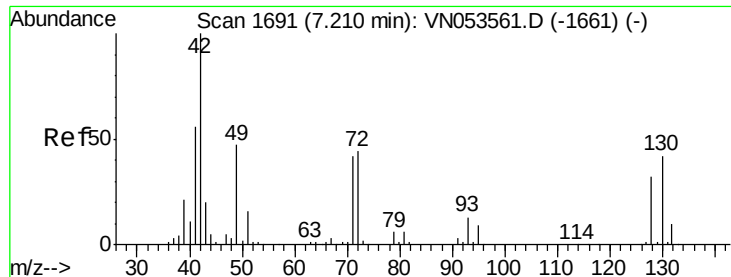


#25
2-Butanone
Concen: 2.508 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053730.D
Acq: 12 Feb 2019 15:06

Tgt Ion: 43 Resp: 6532

Ion	Ratio	Lower	Upper
43	100		
72	24.8	22.0	33.0





#29

Tetrahydrofuran

Concen: 0.319 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

Instrument :

MSVOA_N

ClientSampled :

WC-4

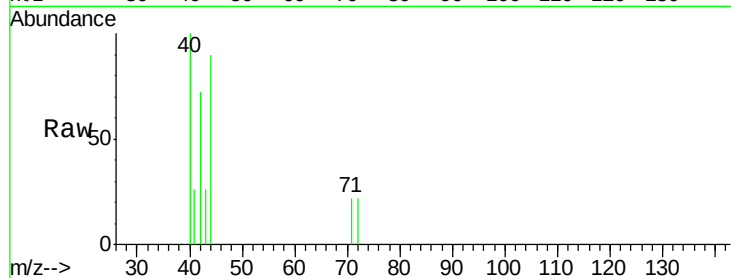
Tot Ion: 42 Resp: 533

Ion Ratio Lower Upper

42 100

72 11.8 35.2 52.8#

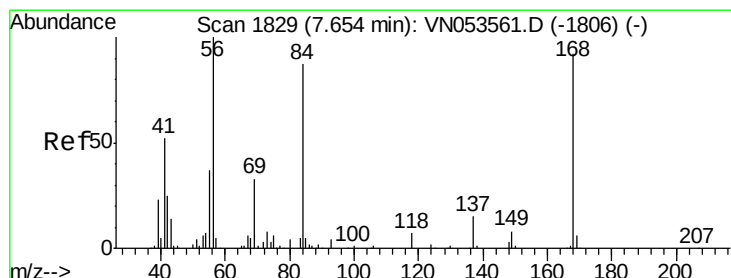
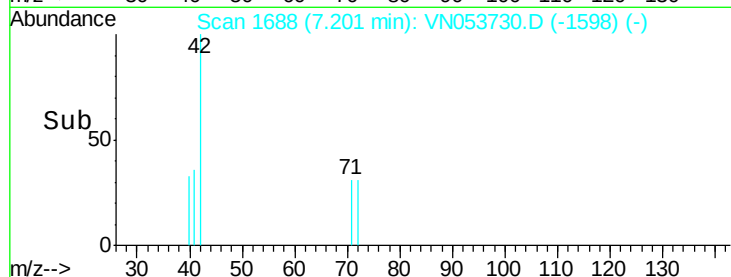
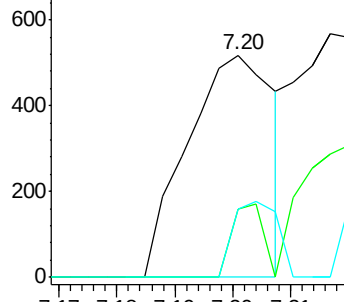
71 17.8 33.0 49.4#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.688 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

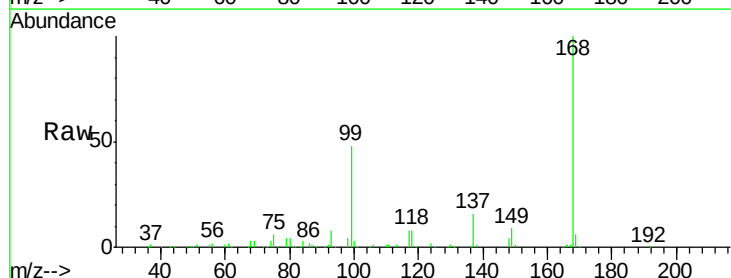
Tgt Ion: 56 Resp: 10296

Ion Ratio Lower Upper

56 100

69 207.2 26.4 39.6#

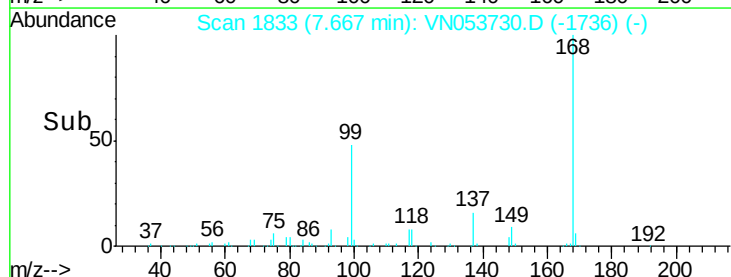
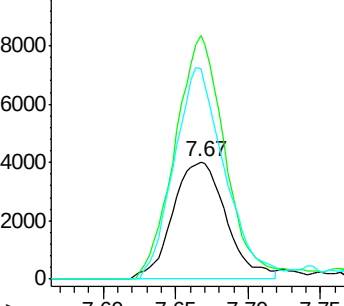
84 179.0 67.9 101.9#

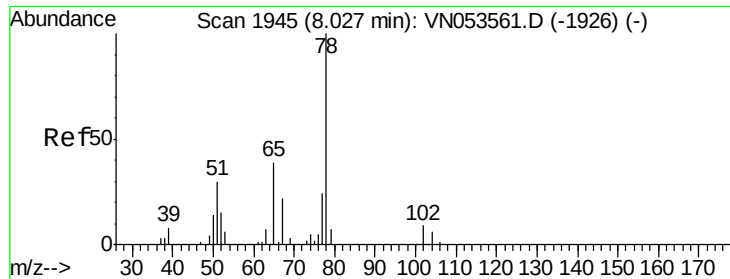


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

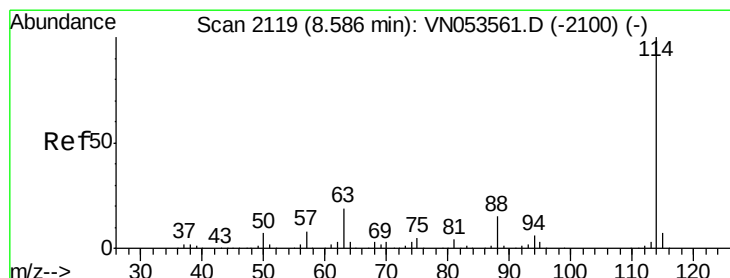
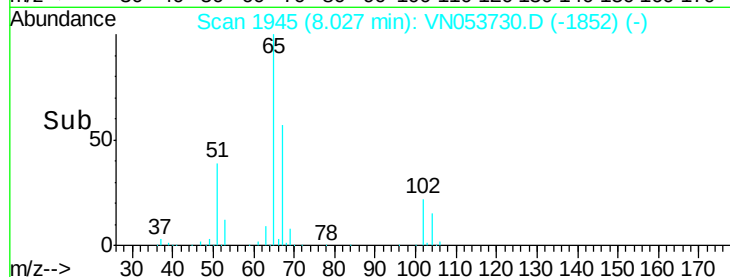
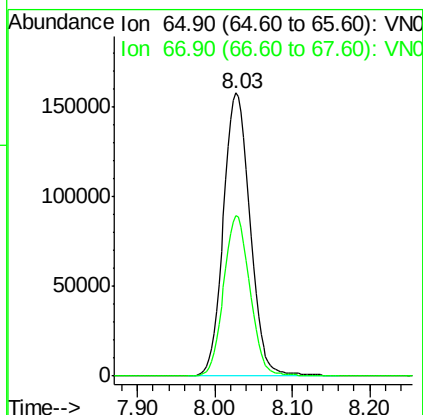
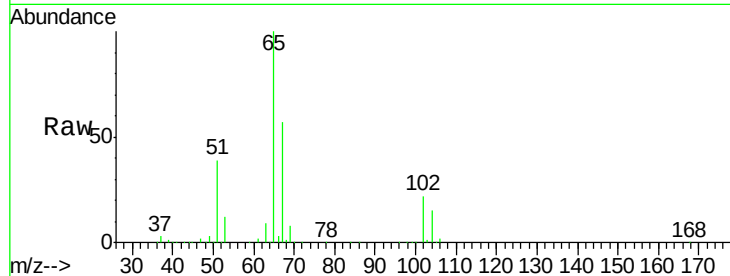




#33
 1,2-Dichloroethane-d4
 Concen: 53.222 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053730.D
 Acq: 12 Feb 2019 15:06

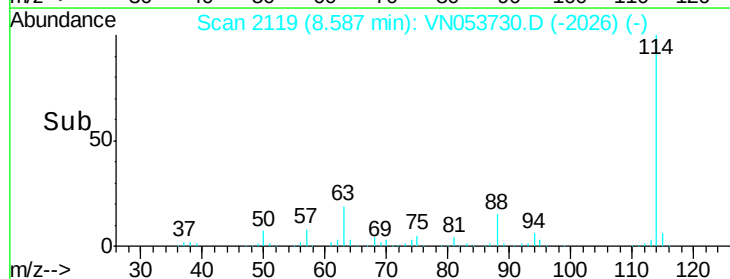
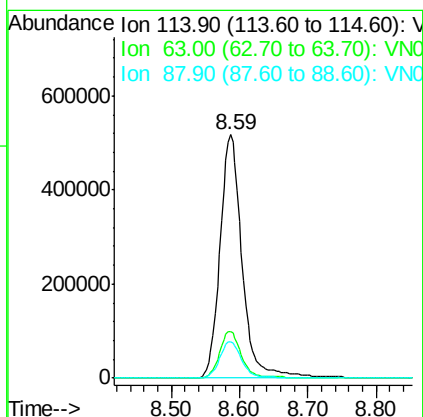
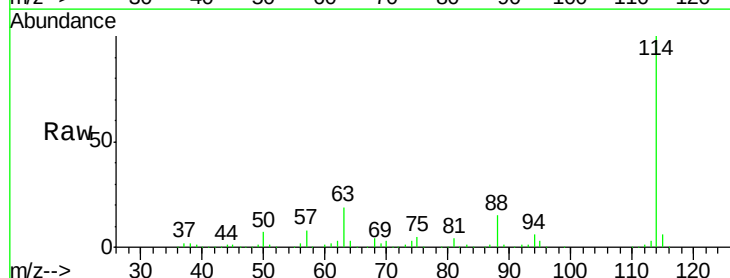
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

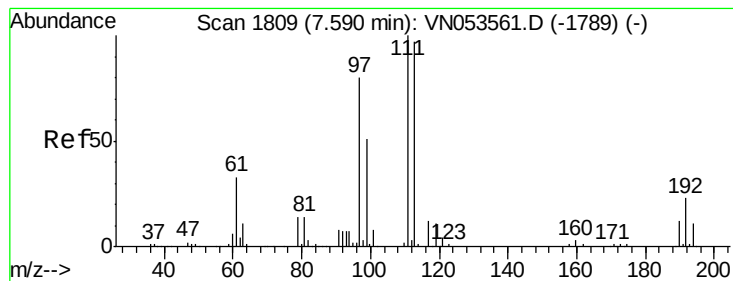
Tot Ion: 65 Resp: 378878
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053730.D
 Acq: 12 Feb 2019 15:06

Tgt Ion: 114 Resp: 1167216
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 14.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.172 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

WC-4

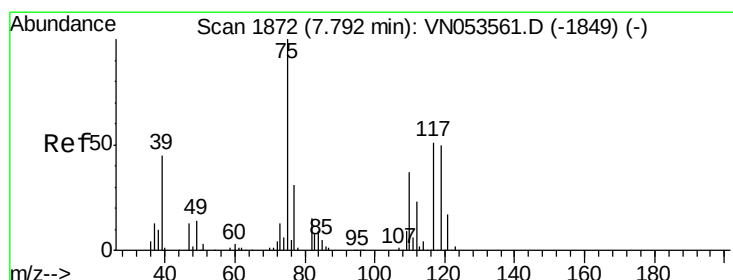
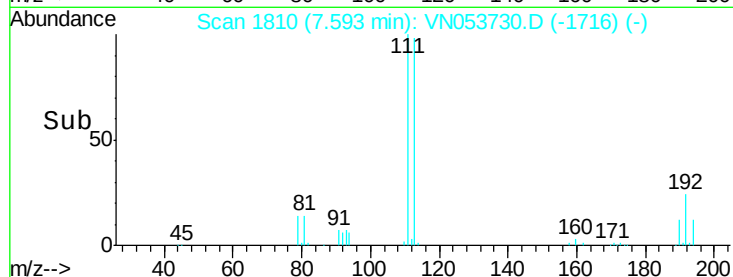
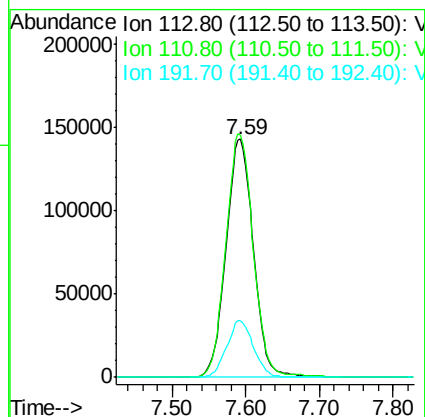
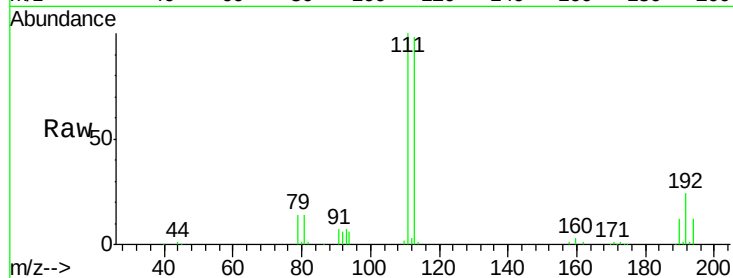
Tot Ion:113 Resp: 370037

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

192 23.3 18.2 27.2



#36

1,1-Dichloropropene

Concen: 3.976 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

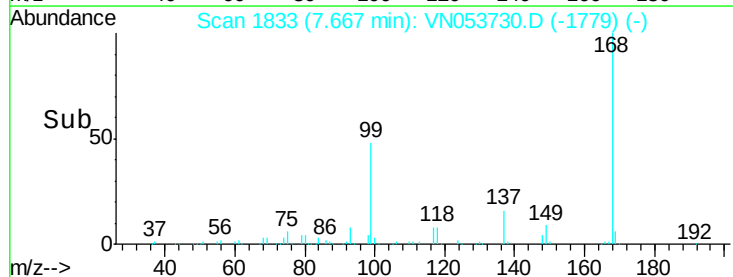
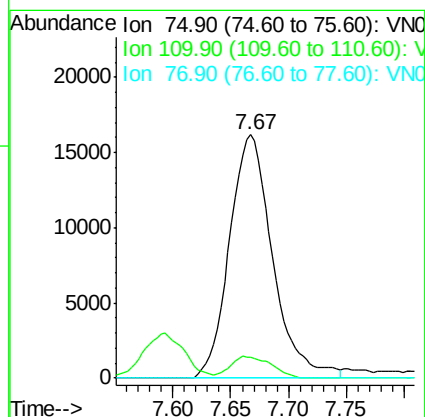
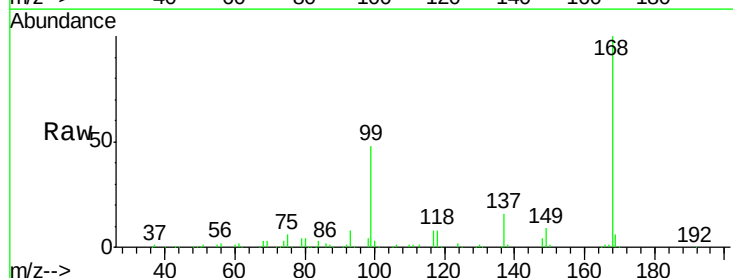
Tgt Ion: 75 Resp: 41838

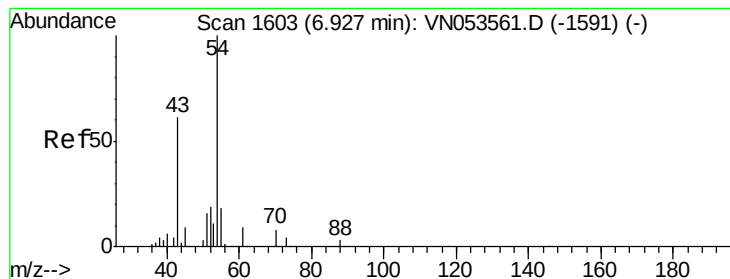
Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.3#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.112 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. -0.08 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

Instrument :

MSVOA_N

ClientSampled :

WC-4

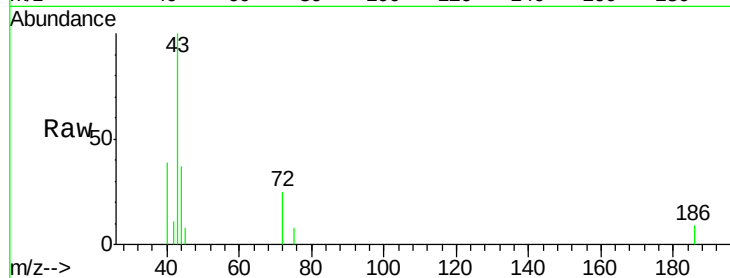
Tot Ion: 43 Resp: 6532

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

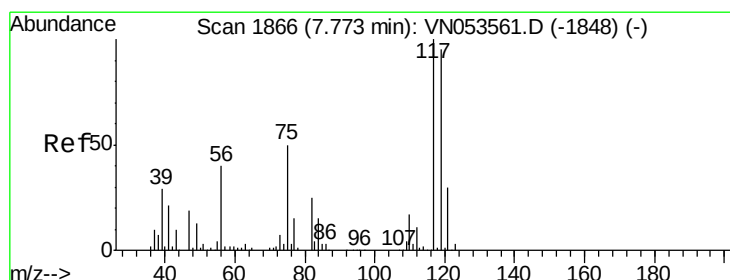
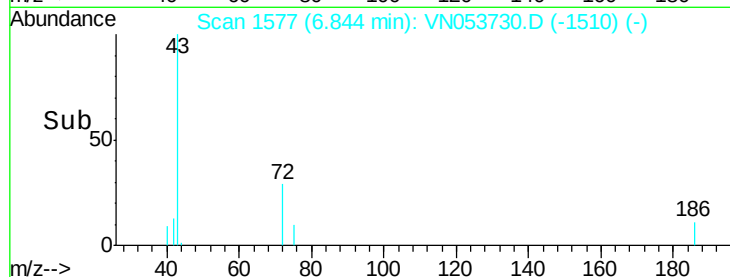
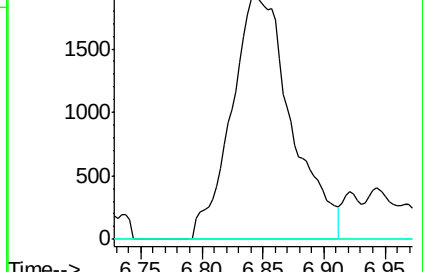
70 0.0 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN053730.D (-1510) (-)

Ion 60.90 (60.60 to 61.60): VN053730.D (-1510) (-)

Ion 70.00 (69.70 to 70.70): VN053730.D (-1510) (-)



#38

Carbon Tetrachloride

Concen: 5.375 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

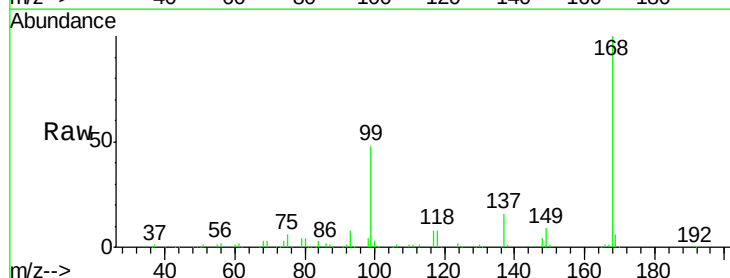
Tgt Ion: 117 Resp: 56969

Ion Ratio Lower Upper

117 100

119 4.9 77.2 115.8#

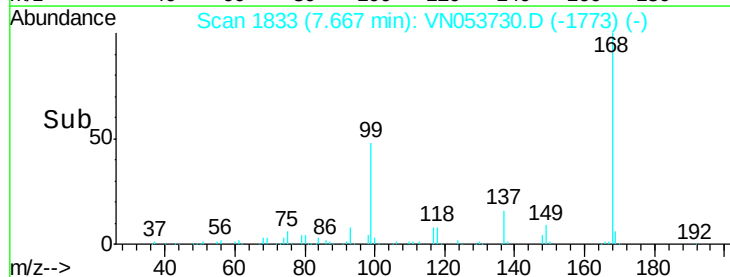
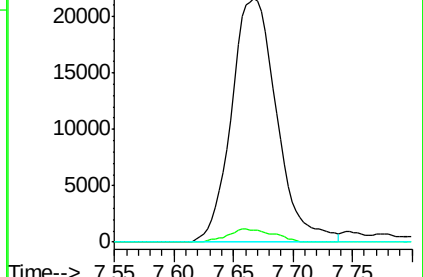
121 0.0 24.6 37.0#

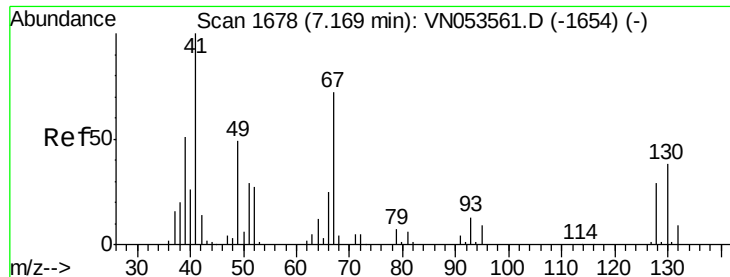


Abundance Ion 116.80 (116.50 to 117.50): VN053730.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN053730.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN053730.D (-1773) (-)





#41

Methacrylonitrile

Concen: 0.227 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.05 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

Instrument :

MSVOA_N

ClientSampled :

WC-4

Tot Ion: 41 Resp: 745

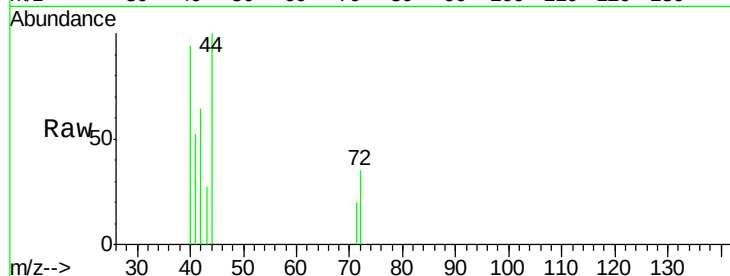
Ion Ratio Lower Upper

41 100

39 18.4 46.8 70.2#

67 0.0 63.0 94.6#

52 0.0 23.8 35.8#

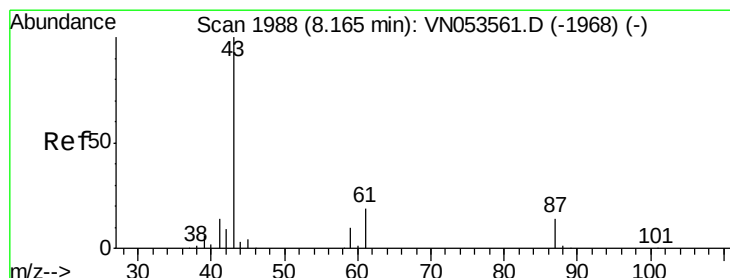
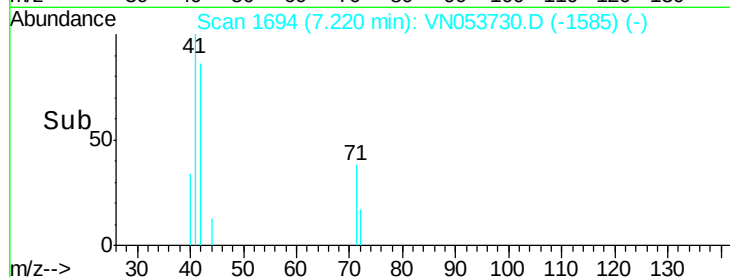
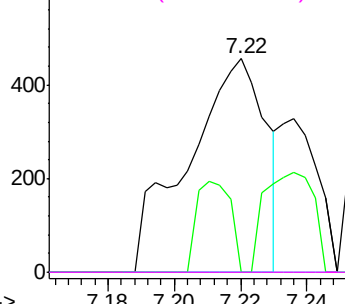


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#43

Isopropyl Acetate

Concen: 3.631 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

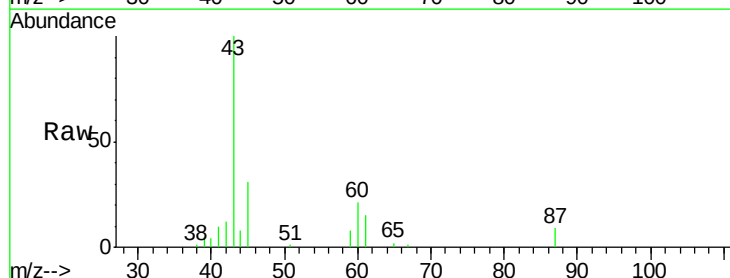
Tgt Ion: 43 Resp: 41203

Ion Ratio Lower Upper

43 100

61 17.1 23.9 35.9#

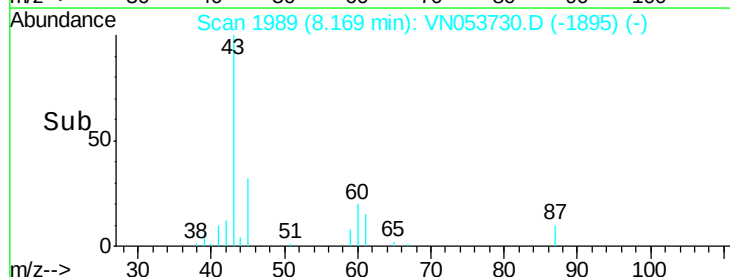
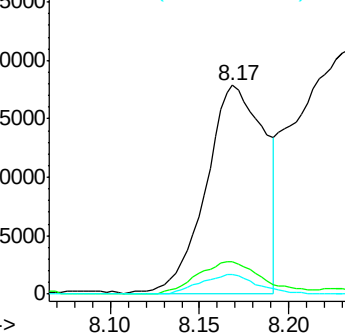
87 9.1 11.0 16.6#

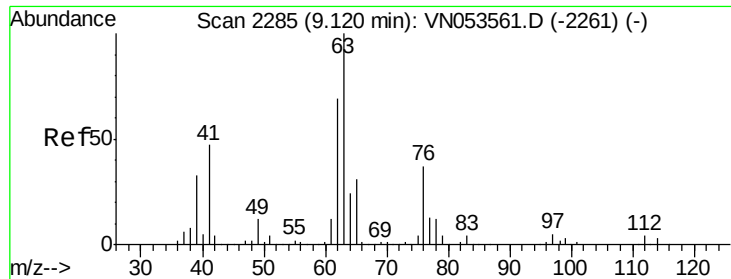


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

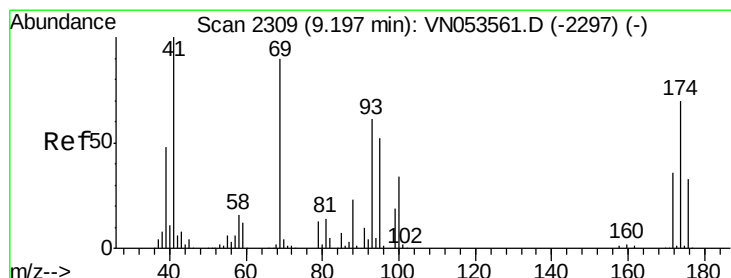
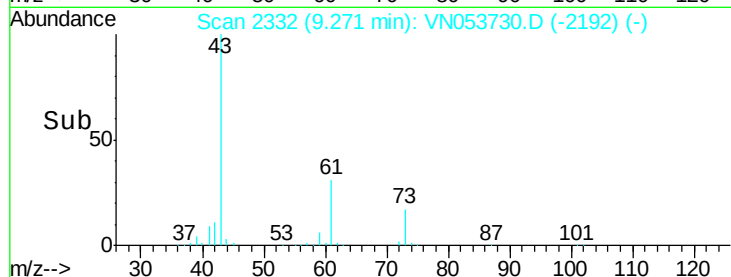
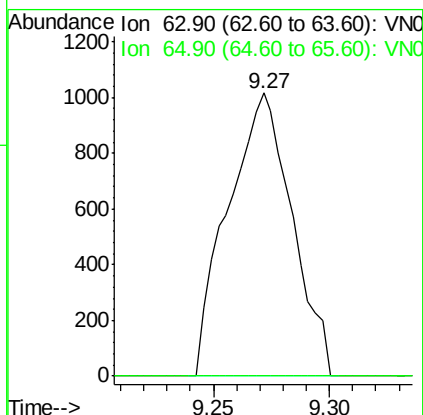
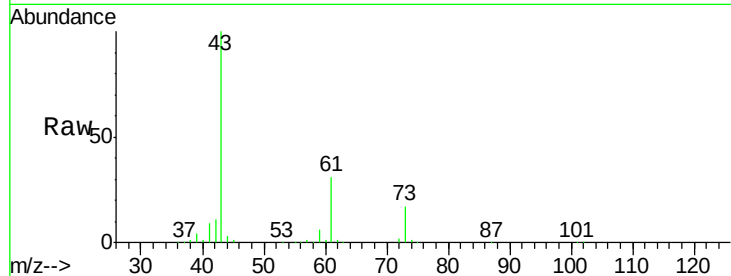




#45
 1,2-Dichloropropane
 Concen: 0.235 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN053730.D
 Acq: 12 Feb 2019 15:06

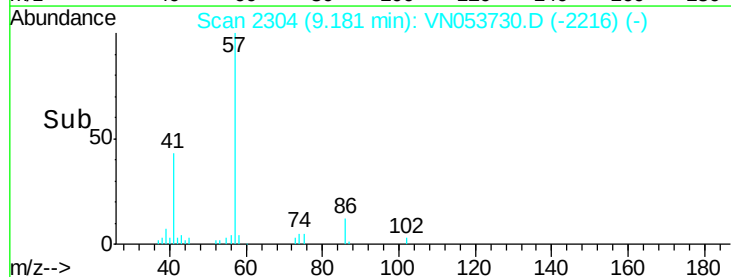
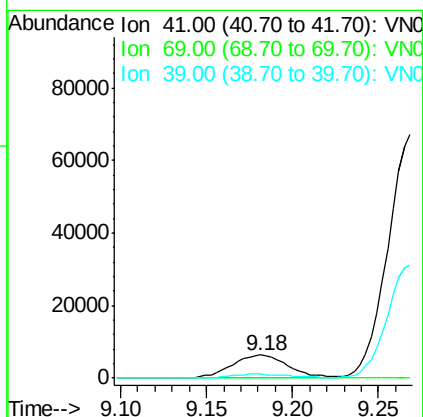
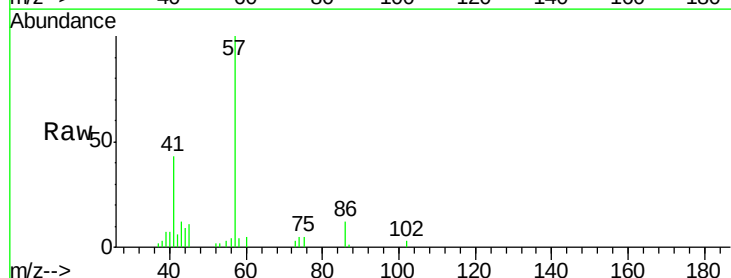
Instrument :
 MSVOA_N
 ClientSampled :
 WC-4

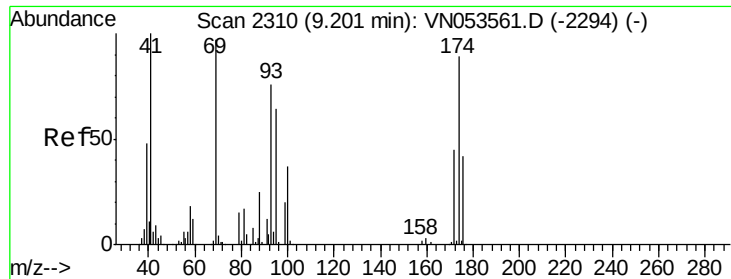
Tot Ion: 63 Resp: 1947
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 2.509 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN053730.D
 Acq: 12 Feb 2019 15:06

Tgt Ion: 41 Resp: 13594
 Ion Ratio Lower Upper
 41 100
 69 0.0 73.8 110.6#
 39 19.5 40.0 60.0#





#49

1,4-Dioxane

Concen: 39.465 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.07 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

Instrument :

MSVOA_N

ClientSampled :

WC-4

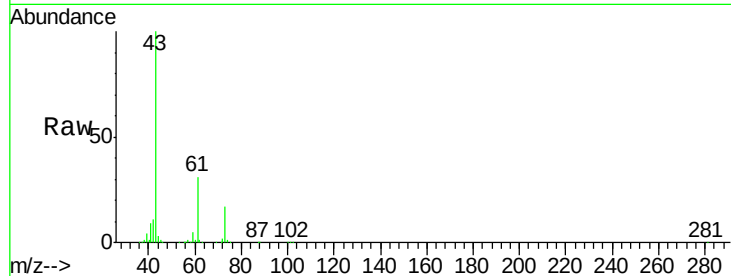
Tot Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 5084230.0 27.8 41.6#

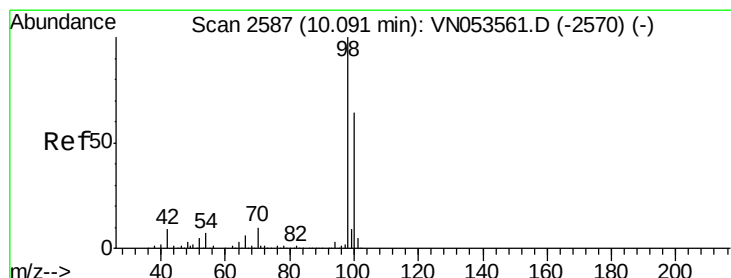
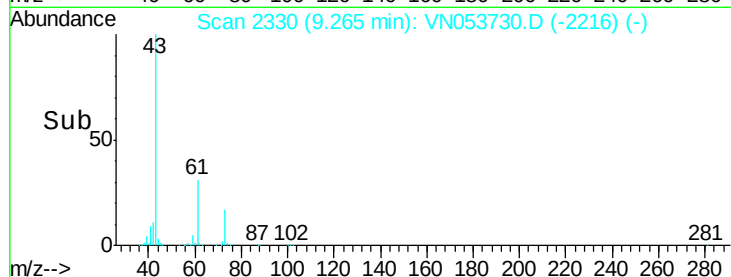
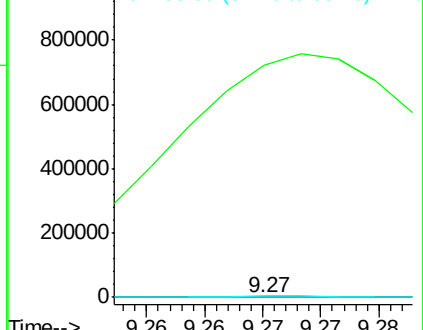
58 23433.3 56.5 84.7#



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: 51.517 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053730.D

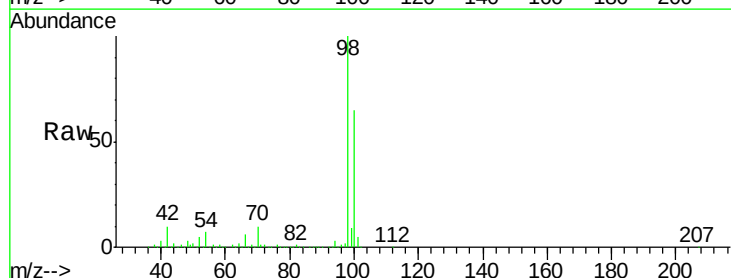
Acq: 12 Feb 2019 15:06

Tgt Ion: 98 Resp: 1426661

Ion Ratio Lower Upper

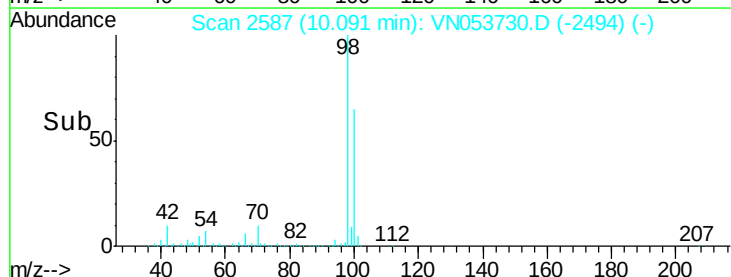
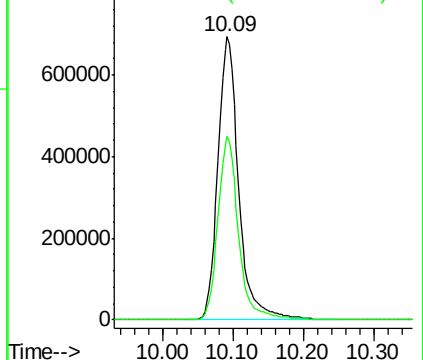
98 100

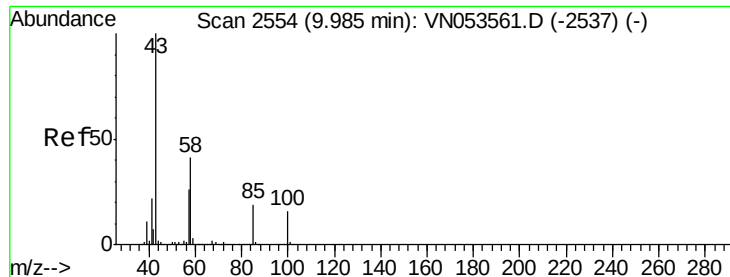
100 64.2 51.4 77.0



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: 1.884 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

Instrument :

MSVOA_N

ClientSampled :

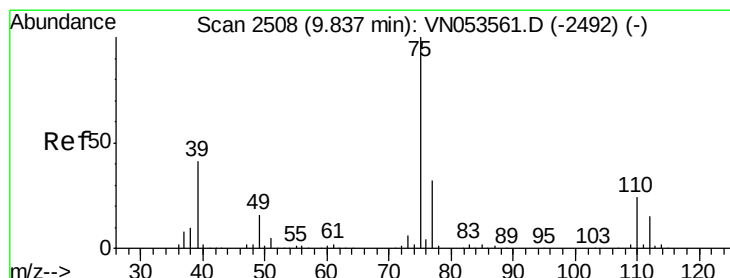
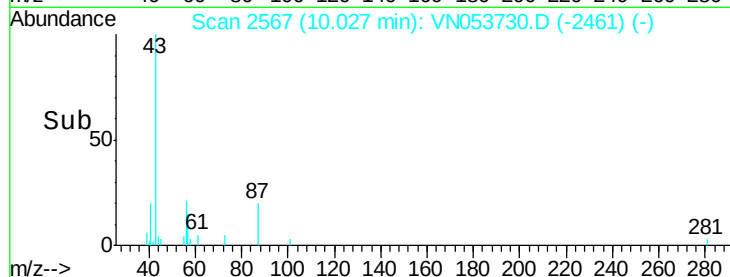
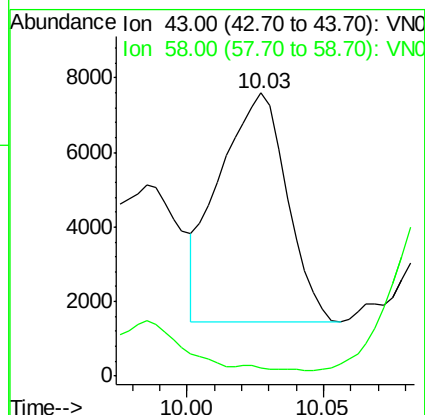
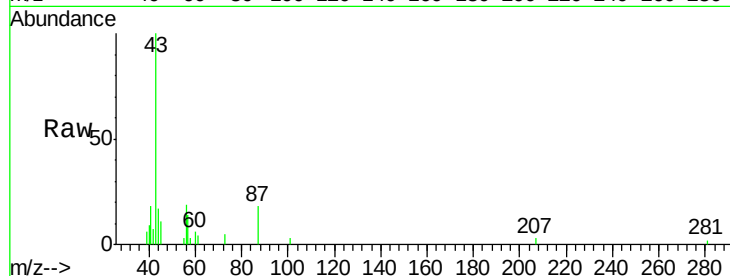
WC-4

Tot Ion: 43 Resp: 10505

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#



#54

cis-1,3-Dichloropropene

Concen: 6.859 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

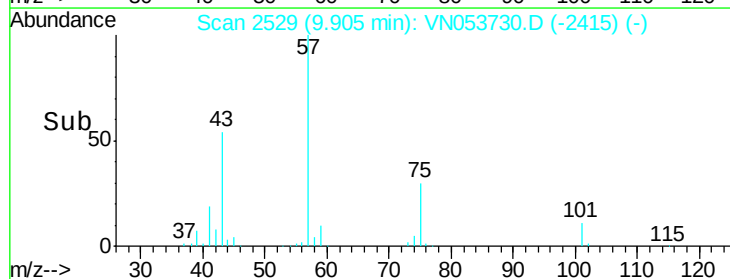
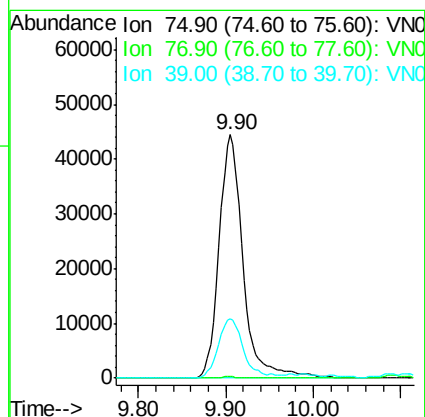
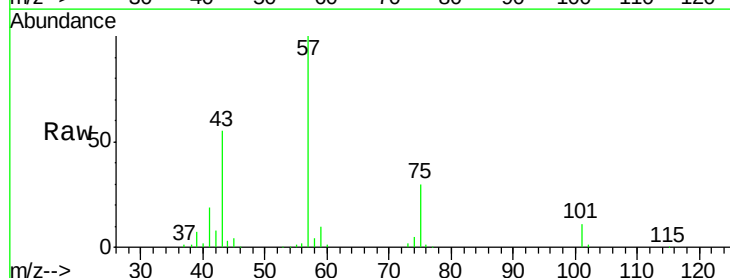
Tgt Ion: 75 Resp: 84657

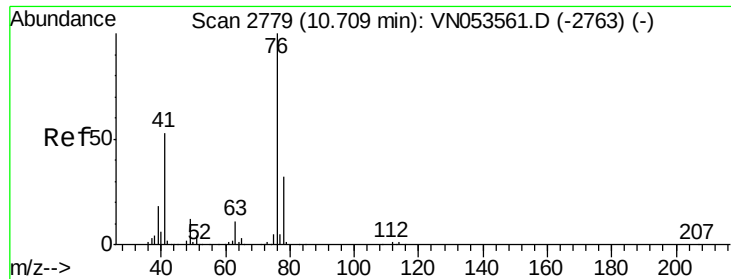
Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

39 24.3 33.4 50.0#

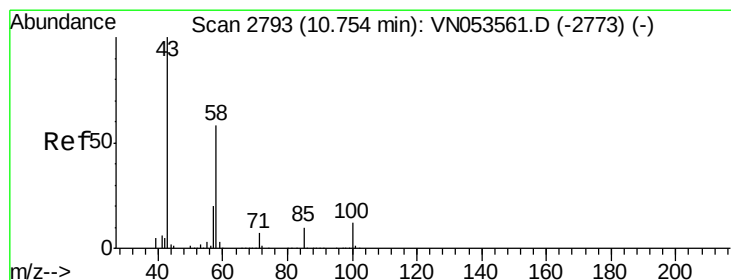
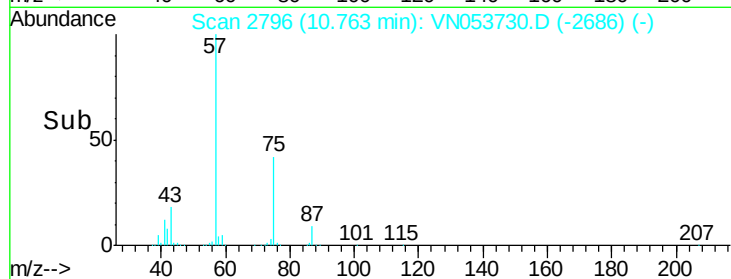
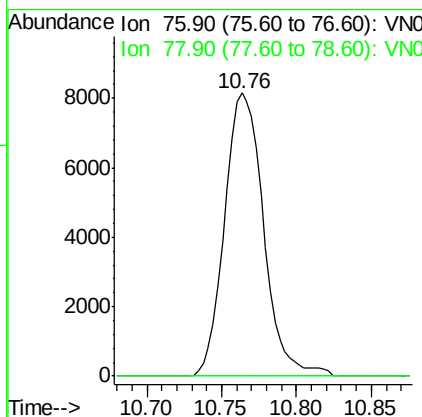
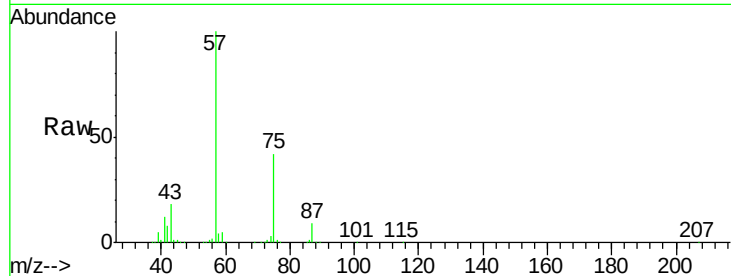




#57
 1,3-Dichloropropane
 Concen: 1.249 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053730.D
 Acq: 12 Feb 2019 15:06

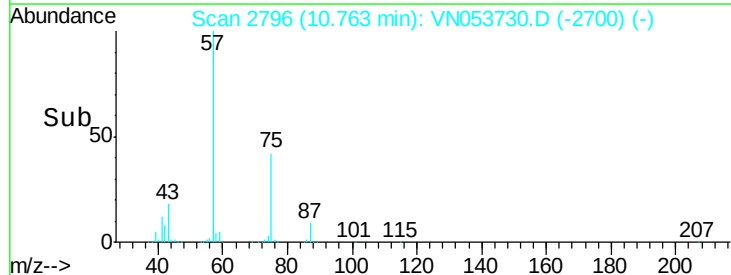
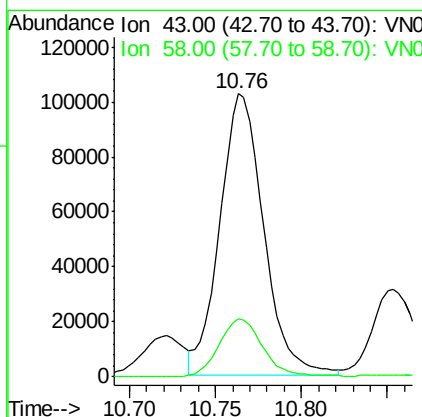
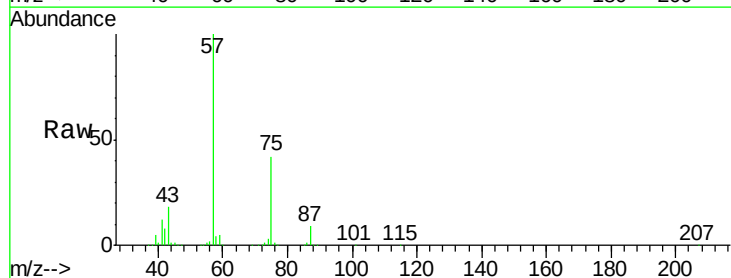
Instrument :
 MSVOA_N
 ClientSampled :
 WC-4

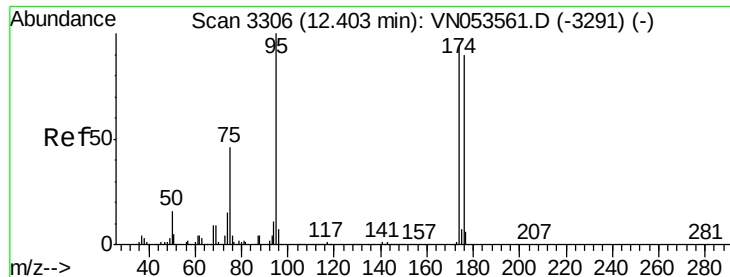
Tot Ion: 76 Resp: 14808
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 48.296 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053730.D
 Acq: 12 Feb 2019 15:06

Tgt Ion: 43 Resp: 182843
 Ion Ratio Lower Upper
 43 100
 58 20.7 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: 52.690 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

Instrument :

MSVOA_N

ClientSampled :

WC-4

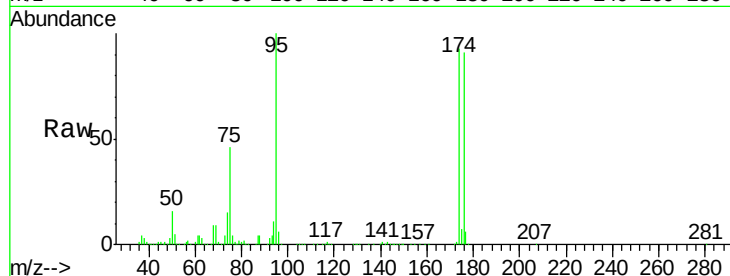
Tot Ion: 95 Resp: 486647

Ion Ratio Lower Upper

95 100

174 93.2 0.0 183.2

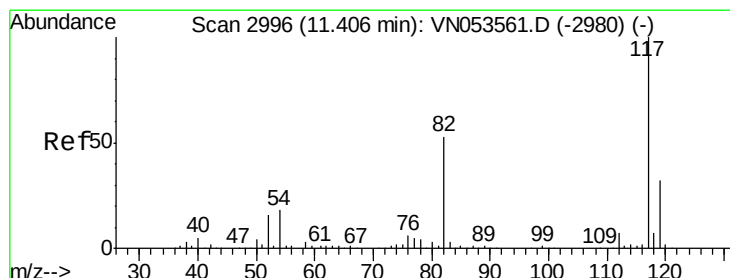
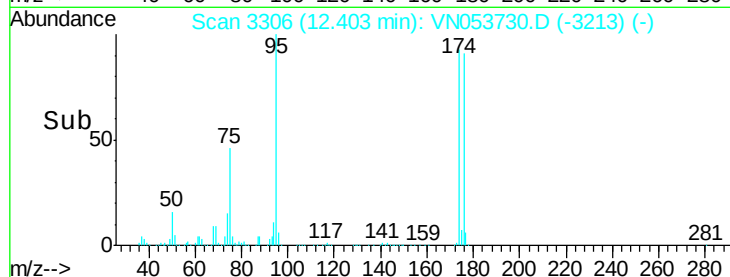
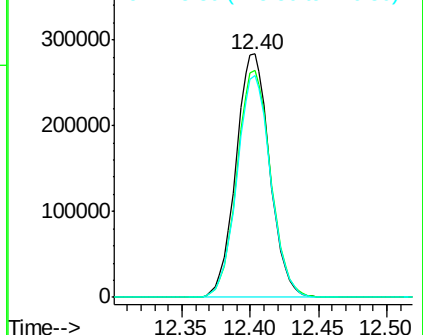
176 90.8 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053730.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053730.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053730.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

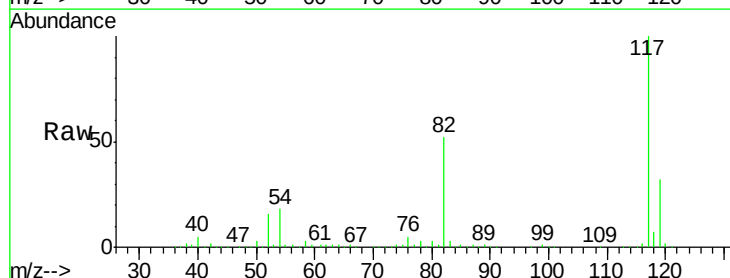
Tgt Ion: 117 Resp: 1102155

Ion Ratio Lower Upper

117 100

82 52.3 42.9 64.3

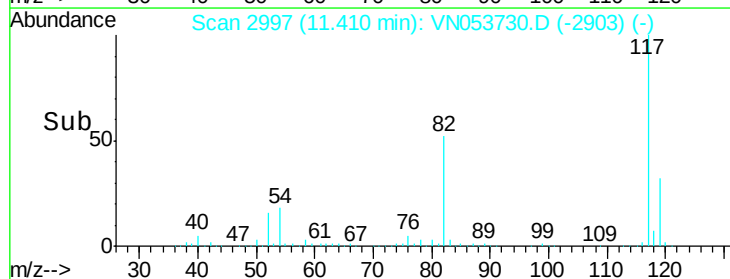
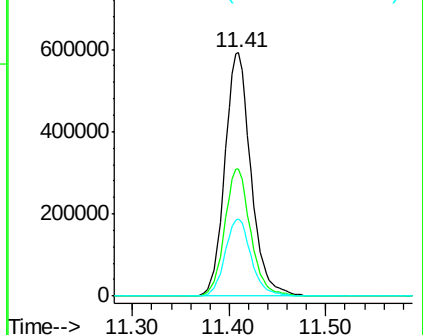
119 31.9 26.0 39.0

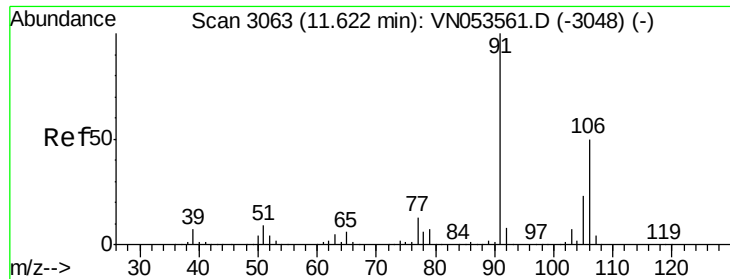


Abundance Ion 116.90 (116.60 to 117.60): VN053730.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053730.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053730.D (-2903) (-)

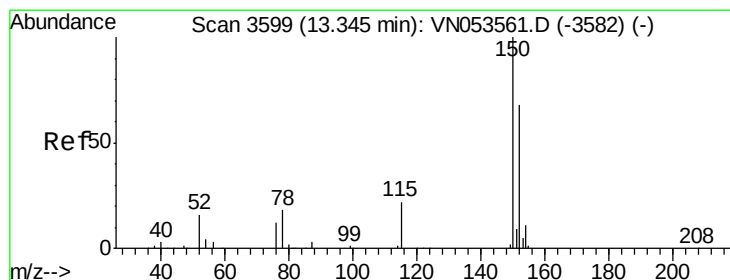
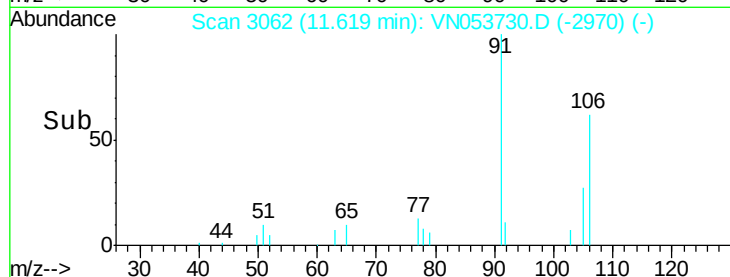
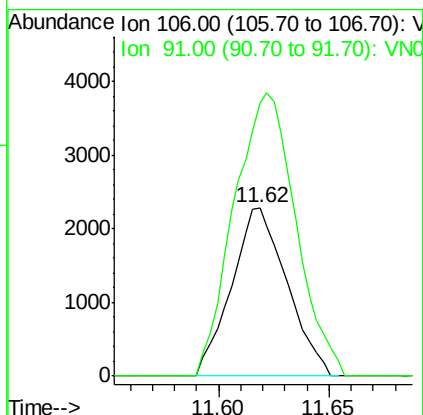
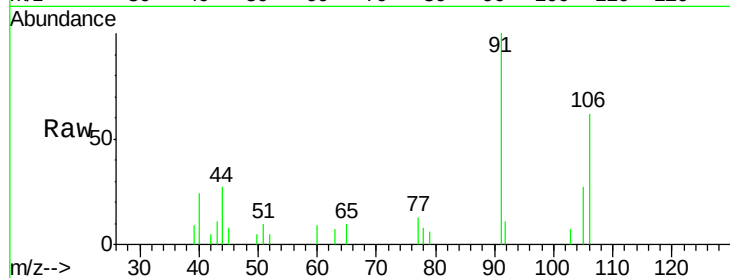




#68
m/p-Xylenes
Concen: 0.272 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053730.D
Acq: 12 Feb 2019 15:06

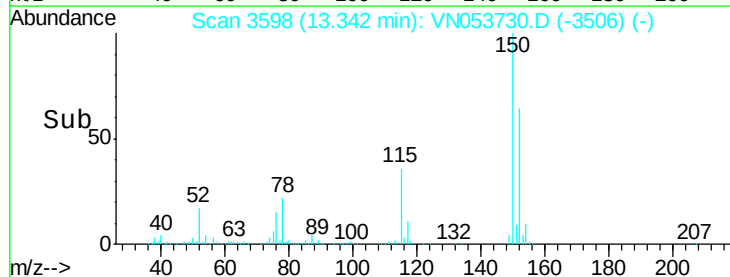
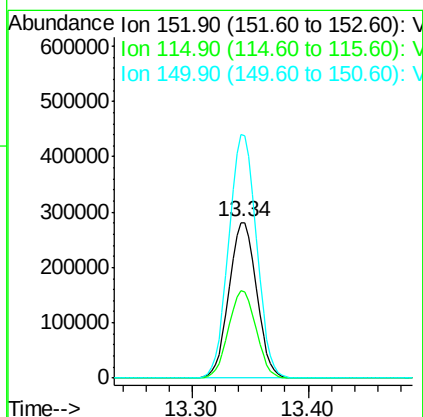
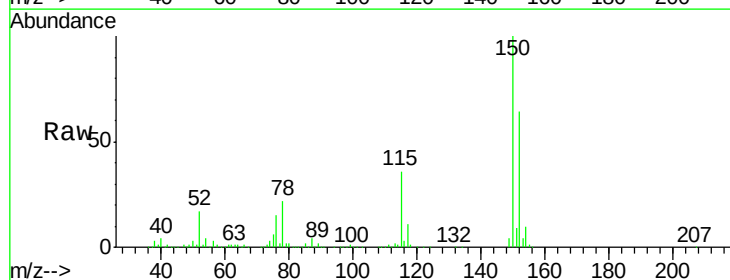
Instrument :
MSVOA_N
ClientSampled :
WC-4

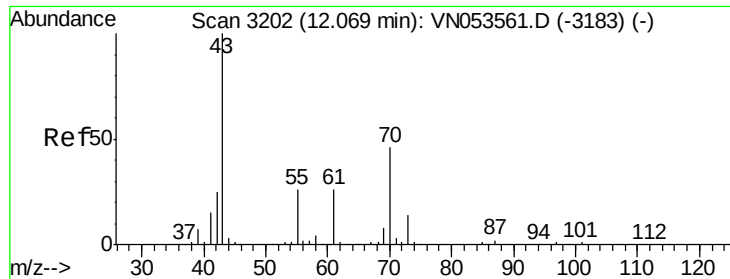
Tot Ion:106 Resp: 3993
Ion Ratio Lower Upper
106 100
91 186.9 161.4 242.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053730.D
Acq: 12 Feb 2019 15:06

Tgt Ion:152 Resp: 461964
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.4
150 157.3 0.0 349.0





#74

N-amvl acetate

Concen: 2.548 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

Instrument :

MSVOA_N

ClientSampleId :

WC-4

Tot Ion: 43 Resp: 19895

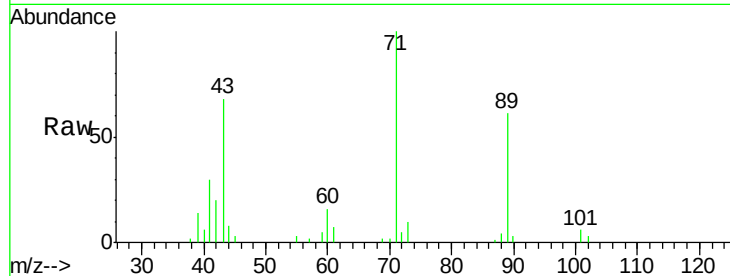
Ion Ratio Lower Upper

43 100

70 2.3 35.4 53.2#

55 3.4 20.9 31.3#

61 10.4 20.5 30.7#

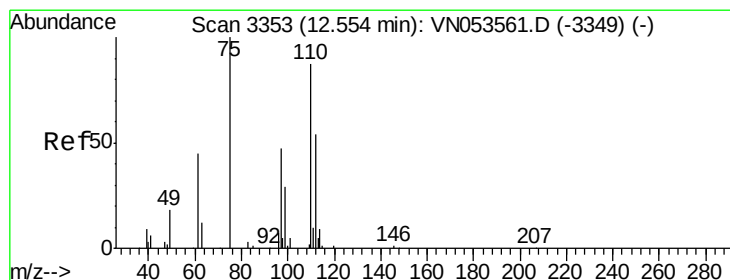
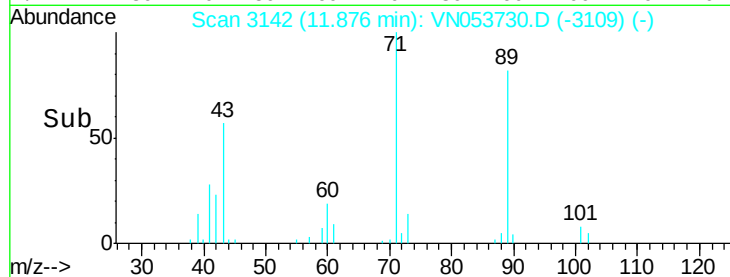
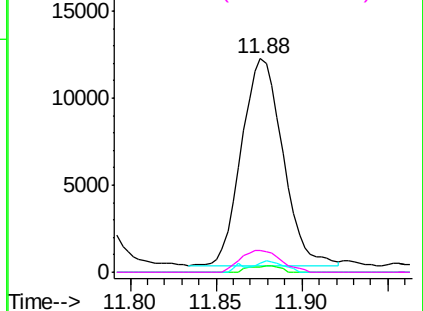


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 37.954 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053730.D

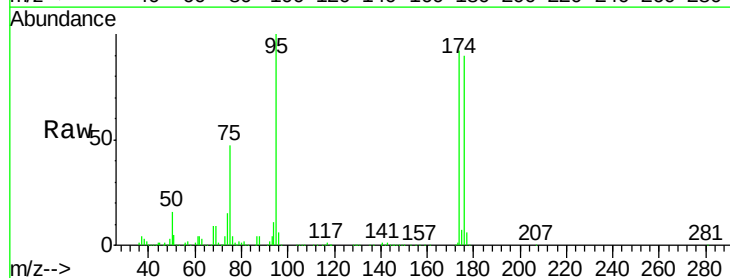
Acq: 12 Feb 2019 15:06

Tgt Ion: 75 Resp: 225205

Ion Ratio Lower Upper

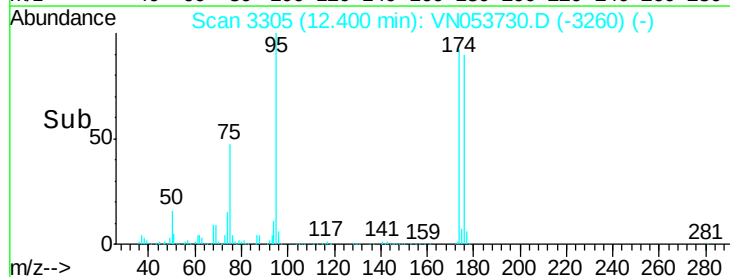
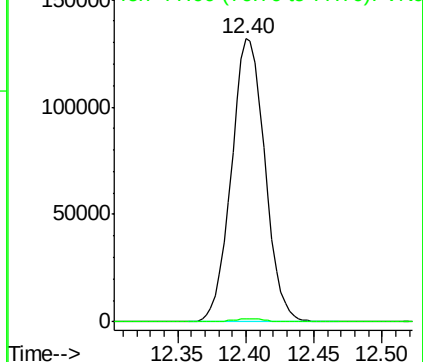
75 100

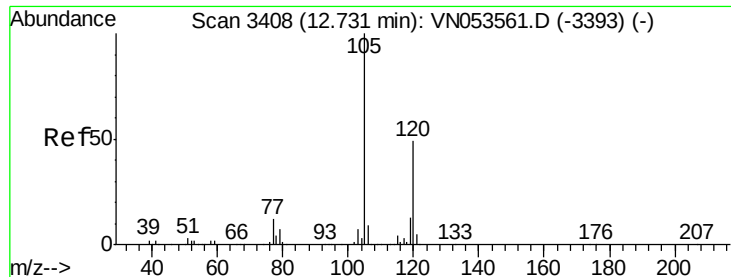
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.273 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

Instrument :

MSVOA_N

ClientSampled :

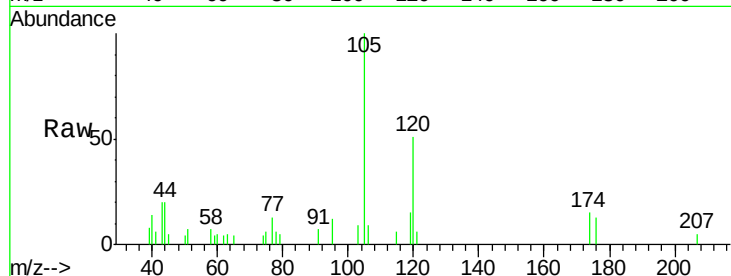
WC-4

Tot Ion:105 Resp: 7340

Ion Ratio Lower Upper

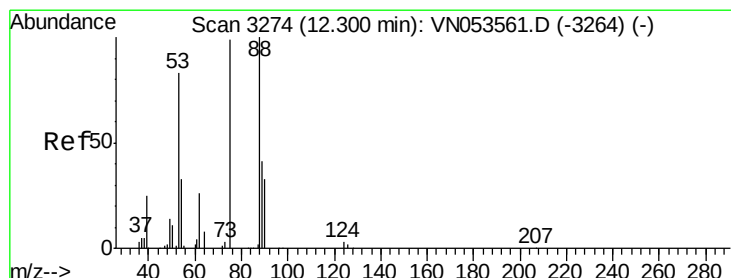
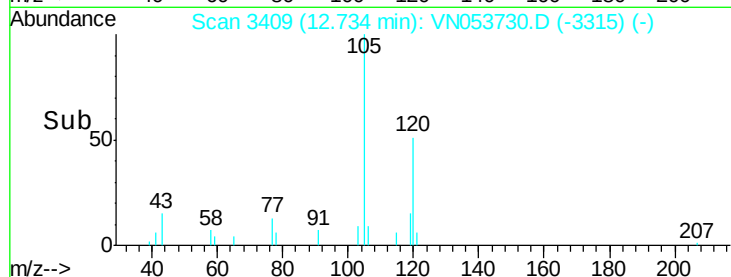
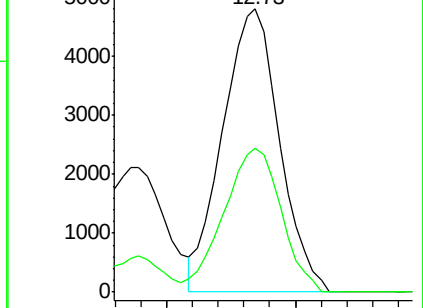
105 100

120 51.4 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: 106.723 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

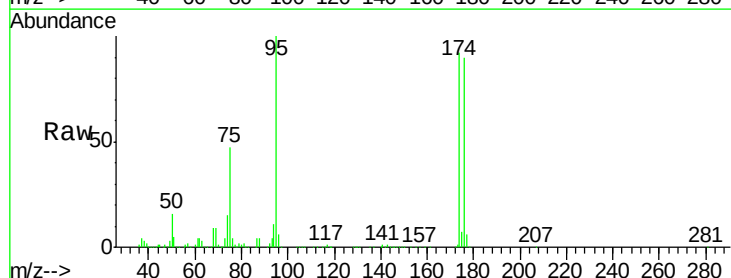
Tgt Ion: 75 Resp: 225205

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

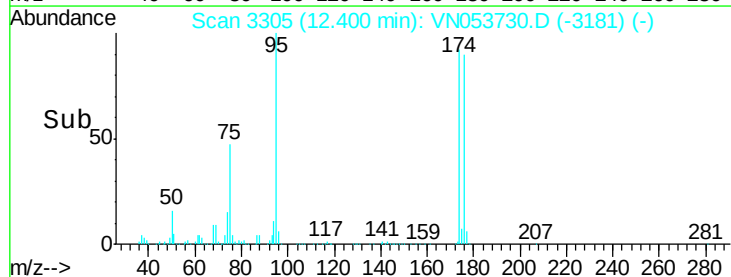
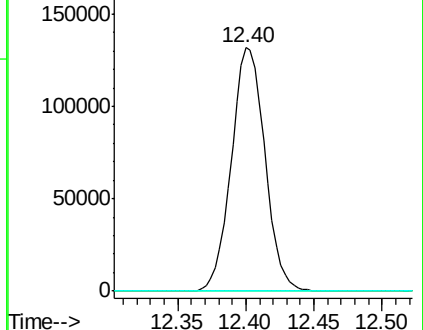
89 0.0 35.6 53.4#

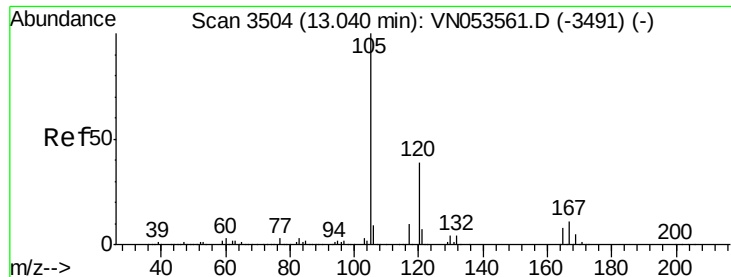


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.562 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

Instrument :

MSVOA_N

ClientSampled :

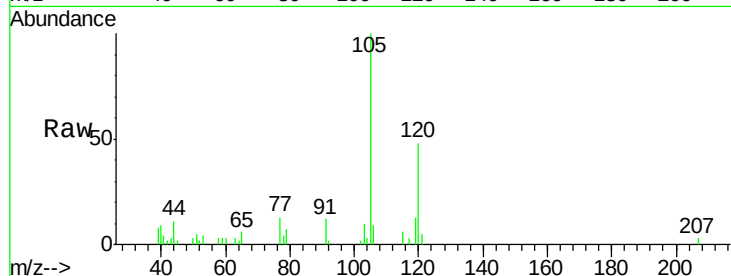
WC-4

Tot Ion:105 Resp: 15413

Ion Ratio Lower Upper

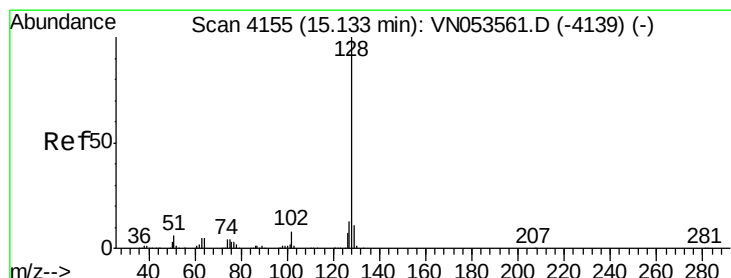
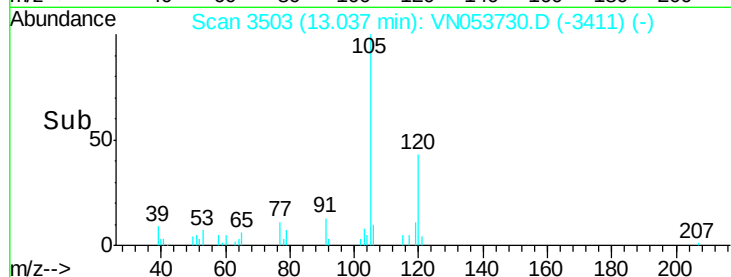
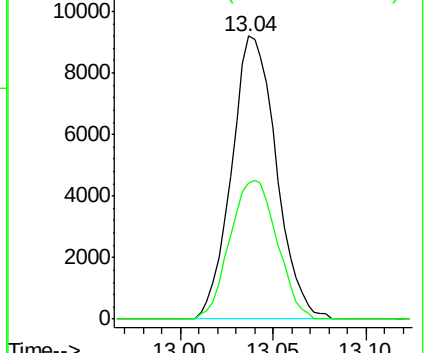
105 100

120 51.5 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: 2.086 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053730.D

Acq: 12 Feb 2019 15:06

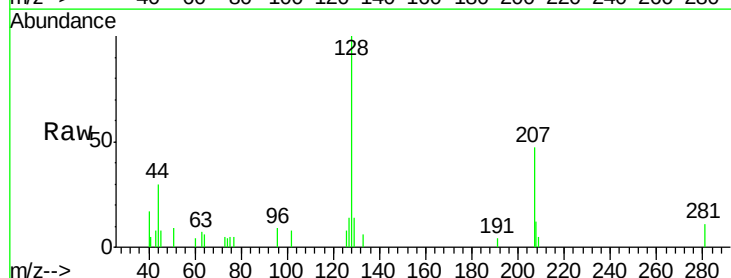
Tgt Ion:128 Resp: 7362

Ion Ratio Lower Upper

128 100

127 14.4 10.3 15.5

129 11.8 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

