

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056712.D
 Acq On : 15 Jul 2019 15:16
 Operator : JC/SP
 Sample : K3797-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jul 16 04:22:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	277556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	481884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	173850	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	160399	52.24	ug/l	0.00
Spiked Amount						
			Recovery	=	104.48%	
35) Dibromofluoromethane	7.59	113	145168	48.41	ug/l	0.00
Spiked Amount						
			Recovery	=	96.82%	
50) Toluene-d8	10.09	98	595762	51.44	ug/l	0.00
Spiked Amount						
			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.40	95	210756	53.96	ug/l	0.00
Spiked Amount						
			Recovery	=	107.92%	

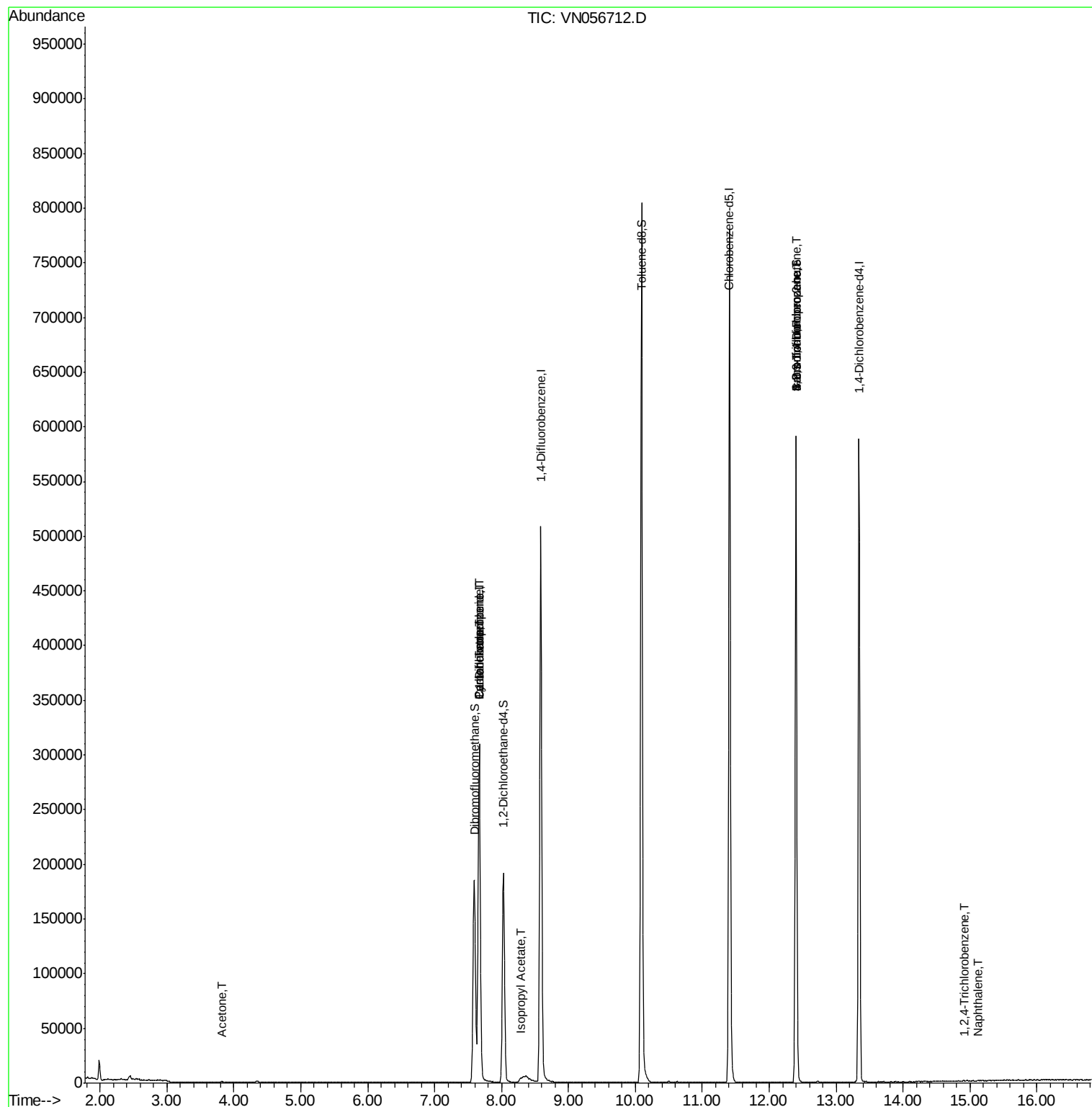
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	706	0.499	ug/l	97
18) Methyl Acetate	4.34	43	1140	Below Cal	#	69
31) Cyclohexane	7.66	56	4535	0.924	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	17666	3.962	ug/l #	49
38) Carbon Tetrachloride	7.67	117	24366	5.827	ug/l #	16
43) Isopropyl Acetate	8.28	43	2808	0.406	ug/l #	53
71) Bromoform	12.40	173	1504	0.540	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	98485	25.901	ug/l #	100
79) 2-Chlorotoluene	12.59	91	69	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	98485	79.991	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.91	180	134	3.728	ug/l #	55
95) Naphthalene	15.13	128	499	4.574	ug/l #	69

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

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QLast Update : Tue Jul 16 01:25:25 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: VN056712.D

Acq: 15 Jul 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

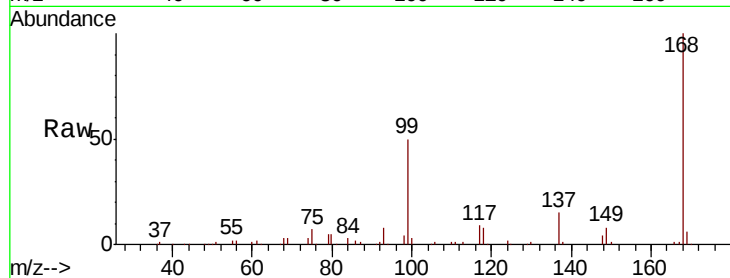
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 277556

Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

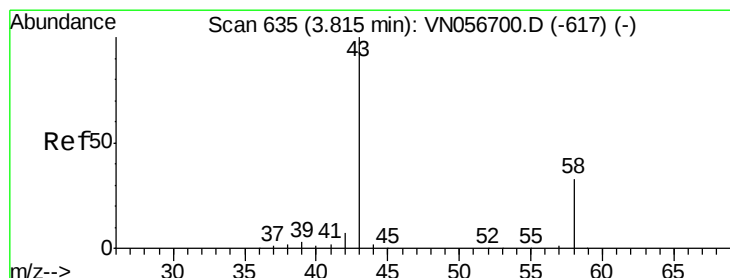
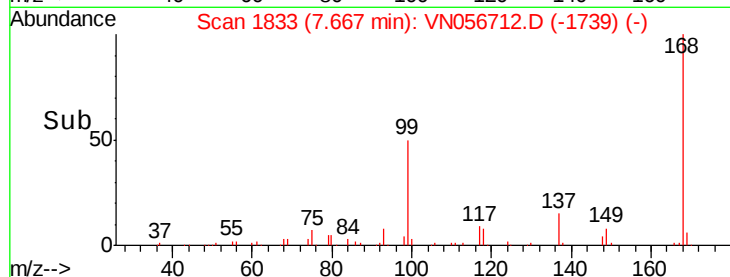
7.67

100000

50000

0

Time-->



#16

Acetone

Concen: 0.499 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056712.D

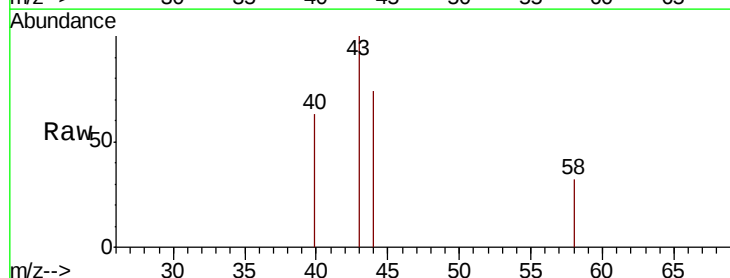
Acq: 15 Jul 2019 15:16

Tgt Ion: 43 Resp: 706

Ion Ratio Lower Upper

43 100

58 31.7 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

600

500

400

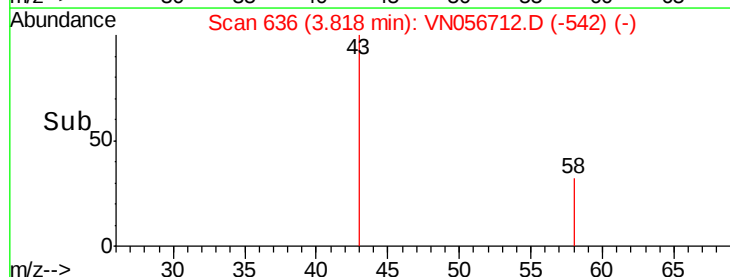
300

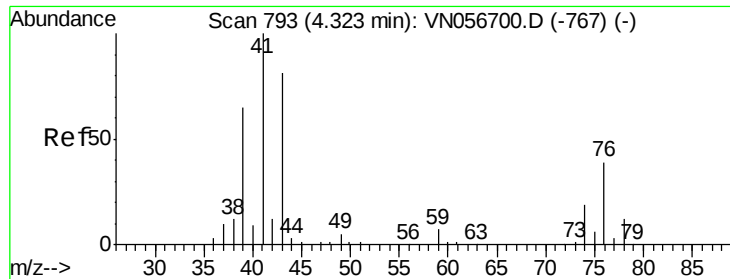
200

100

0

Time-->

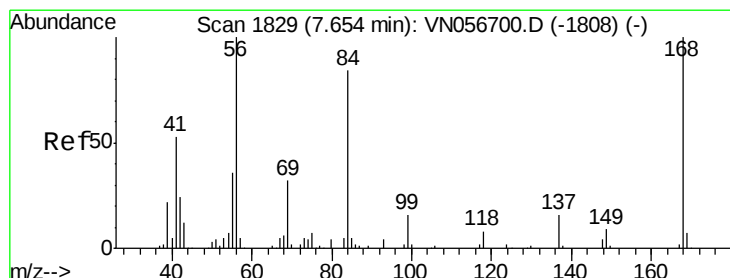
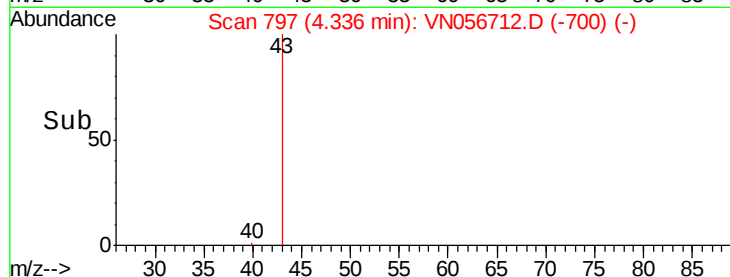
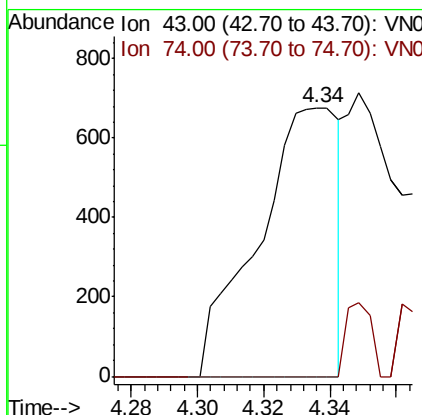
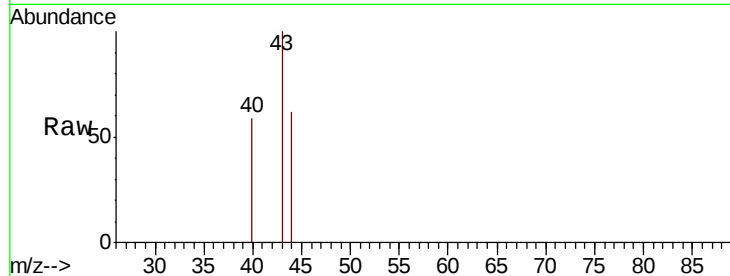




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056712.D
Acq: 15 Jul 2019 15:16

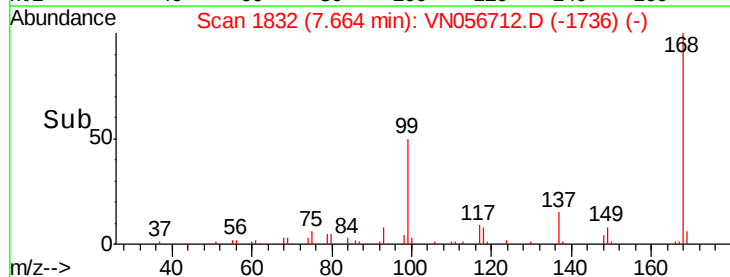
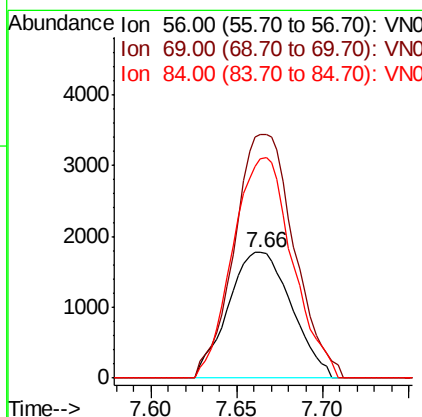
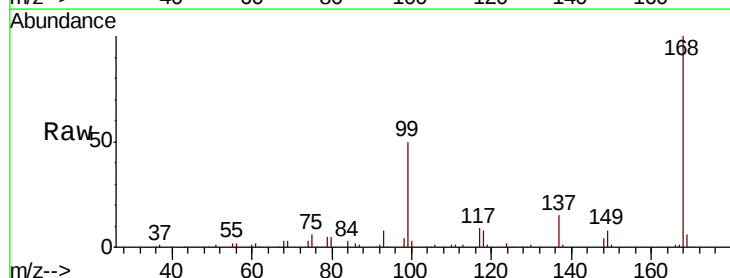
Instrument :
MSVOA_N
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STORAGE-BLANK-SAMPLE-MANA

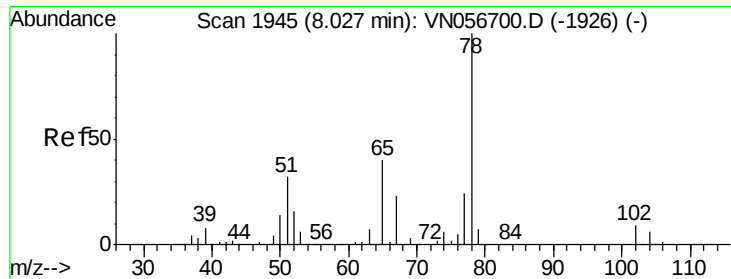
Tot Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
74 8.6 18.9 28.3#



#31
Cyclohexane
Concen: 0.924 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056712.D
Acq: 15 Jul 2019 15:16

Tgt Ion: 56 Resp: 4535
Ion Ratio Lower Upper
56 100
69 194.1 25.8 38.8#
84 174.7 67.4 101.0#

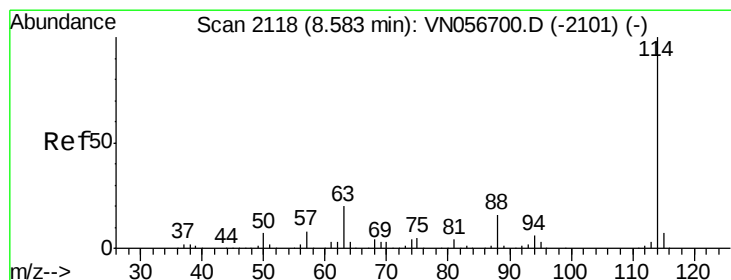
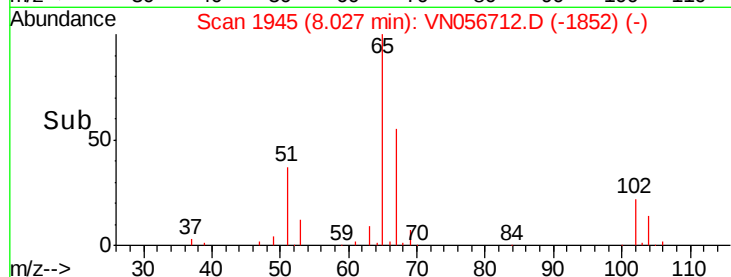
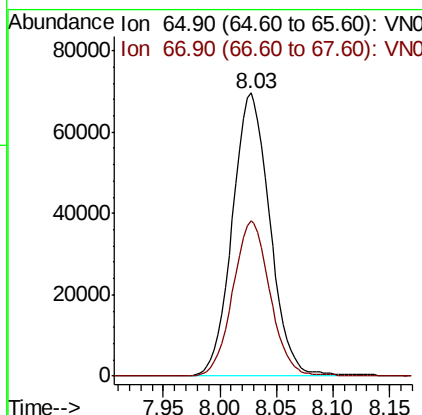
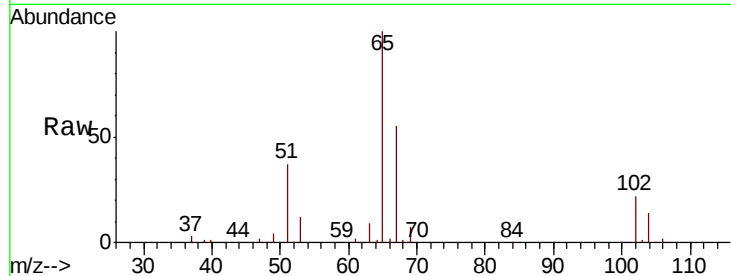




#33
 1,2-Dichloroethane-d4
 Concen: 52.245 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056712.D
 Acq: 15 Jul 2019 15:16

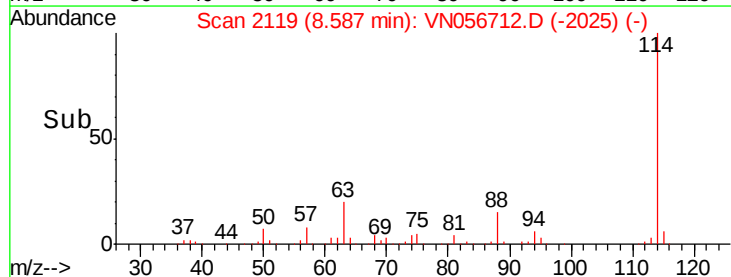
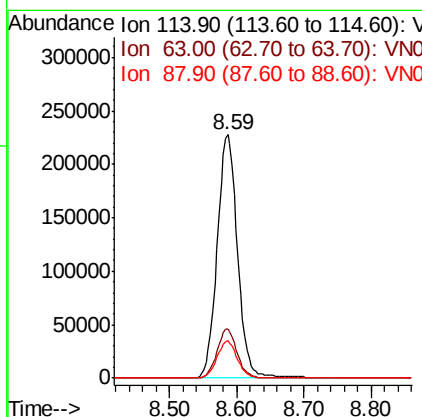
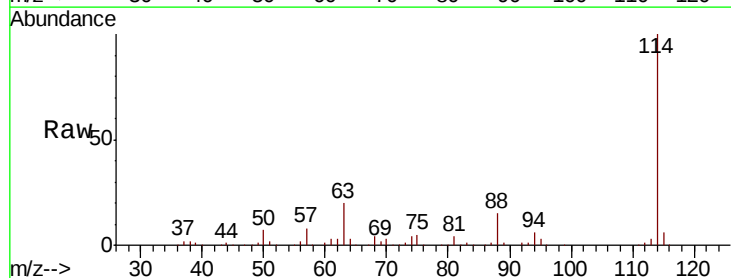
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

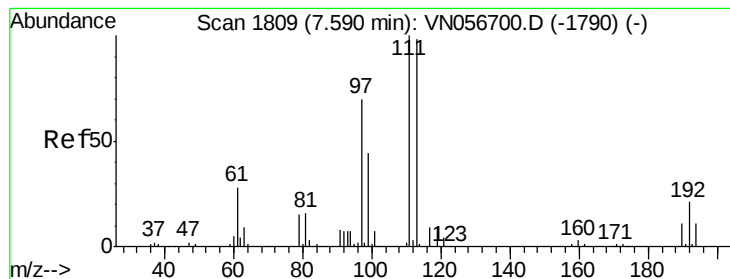
Tot Ion: 65 Resp: 160399
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056712.D
 Acq: 15 Jul 2019 15:16

Tgt Ion: 114 Resp: 481884
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.4
 88 15.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.408 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056712.D

Acq: 15 Jul 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

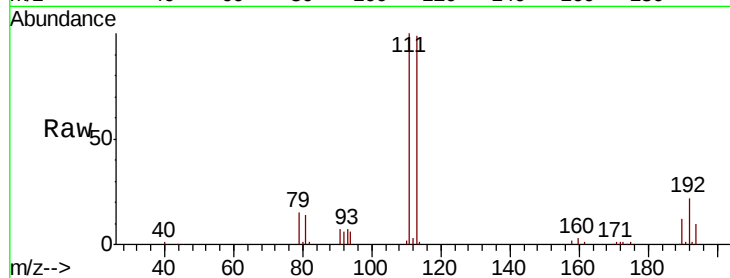
Tot Ion:113 Resp: 145168

Ion Ratio Lower Upper

113 100

111 101.3 81.8 122.6

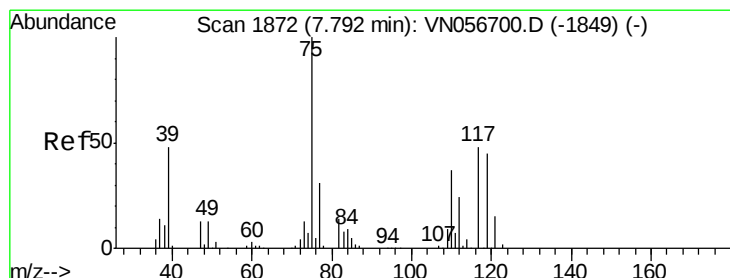
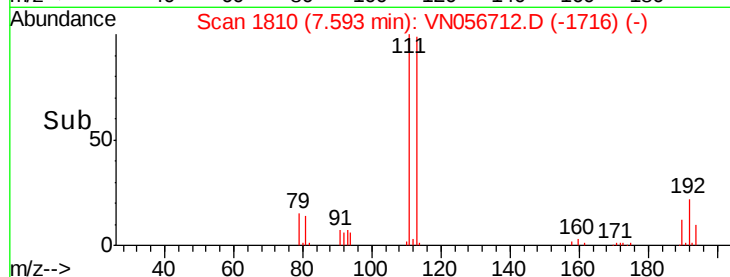
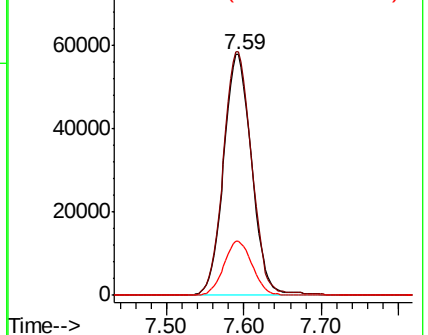
192 22.8 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.962 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN056712.D

Acq: 15 Jul 2019 15:16

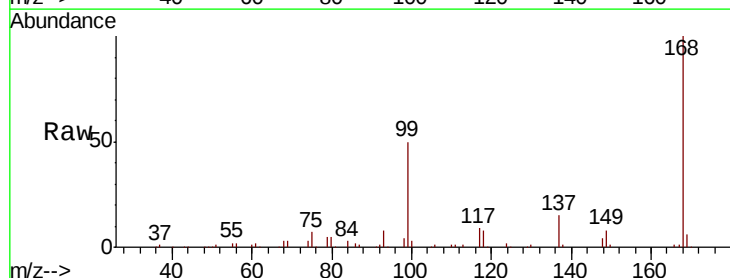
Tgt Ion: 75 Resp: 17666

Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.4#

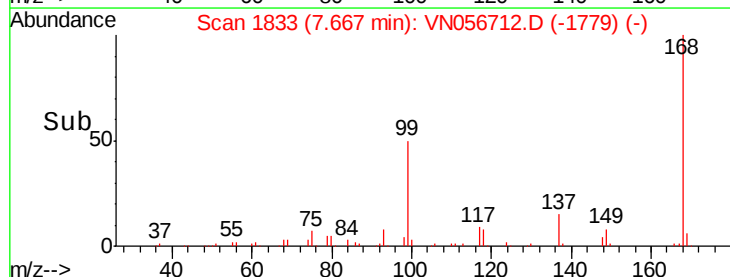
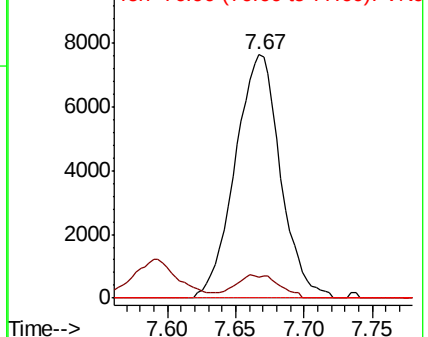
77 0.0 24.6 36.8#

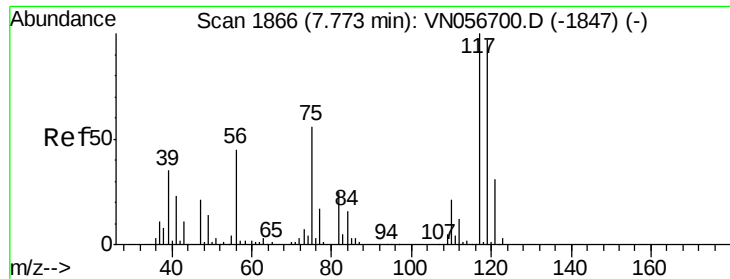


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO

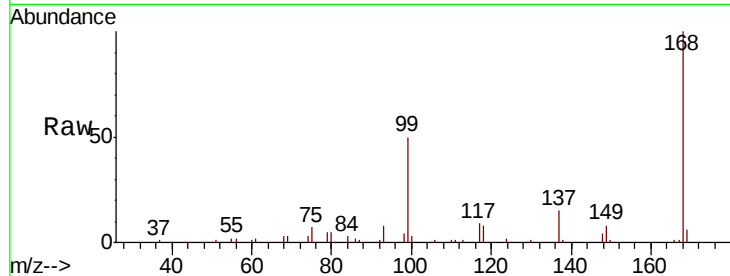




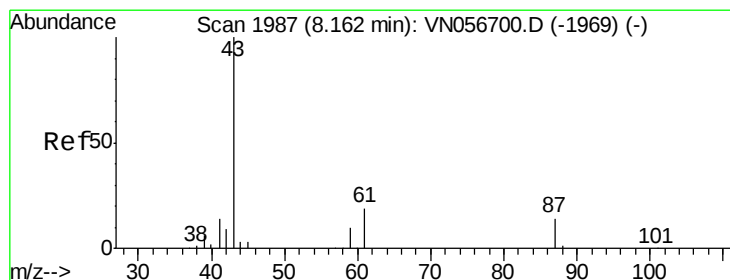
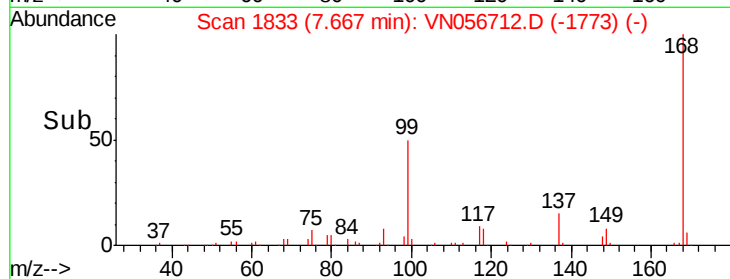
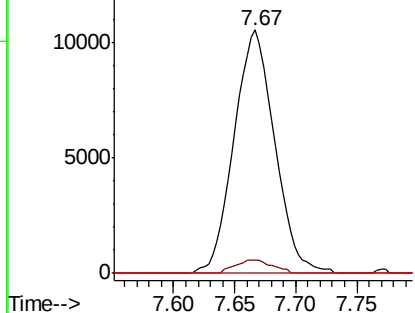
#38
 Carbon Tetrachloride
 Concen: 5.827 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN056712.D
 Acq: 15 Jul 2019 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 24366
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.5 116.3#
 121 0.0 24.7 37.1#

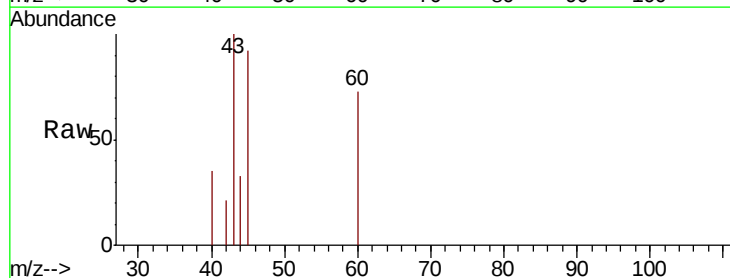


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

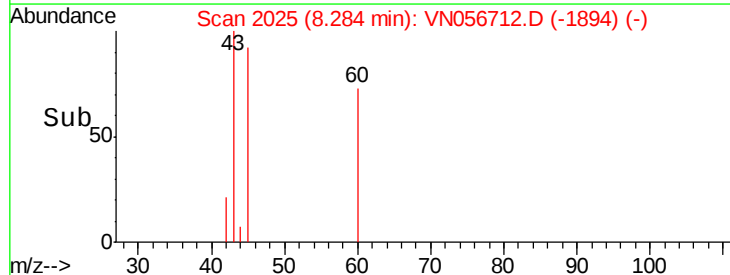
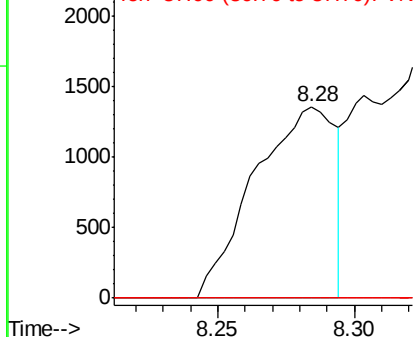


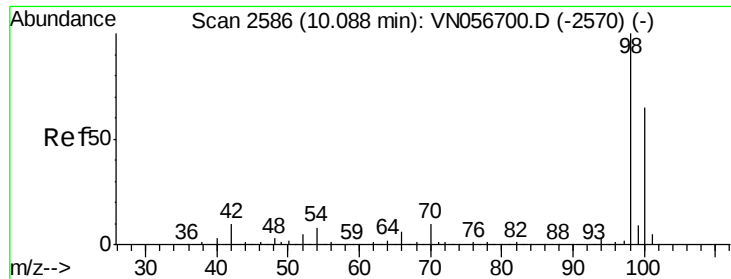
#43
 Isopropyl Acetate
 Concen: 0.406 ug/l
 RT: 8.28 min Scan# 2025
 Delta R.T. 0.12 min
 Lab File: VN056712.D
 Acq: 15 Jul 2019 15:16

Tgt Ion: 43 Resp: 2808
 Ion Ratio Lower Upper
 43 100
 61 0.0 22.3 33.5#
 87 0.0 11.1 16.7#



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





#50

Toluene-d8

Concen: 51.437 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056712.D

Acq: 15 Jul 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

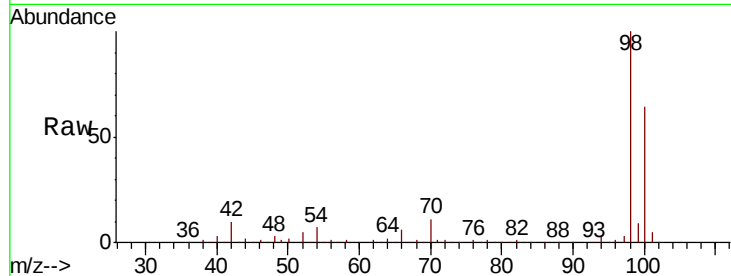
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 595762

Ion Ratio Lower Upper

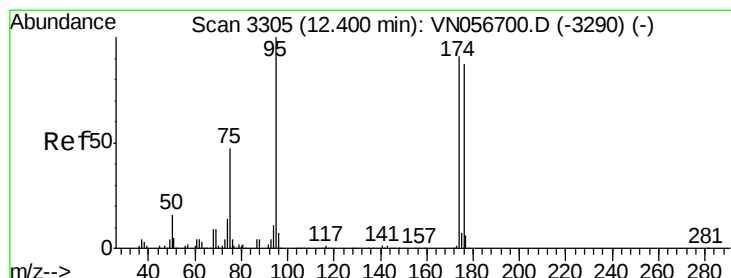
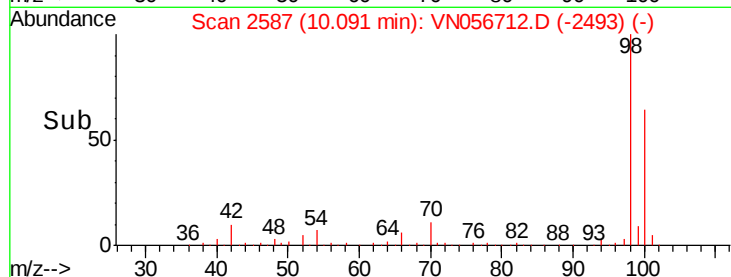
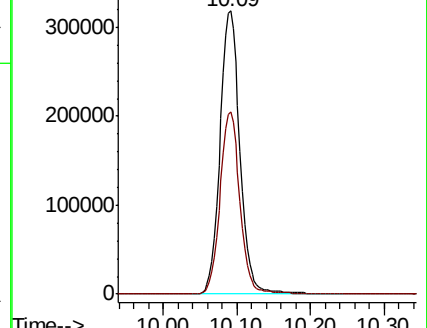
98 100

100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056712.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056712.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 53.958 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056712.D

Acq: 15 Jul 2019 15:16

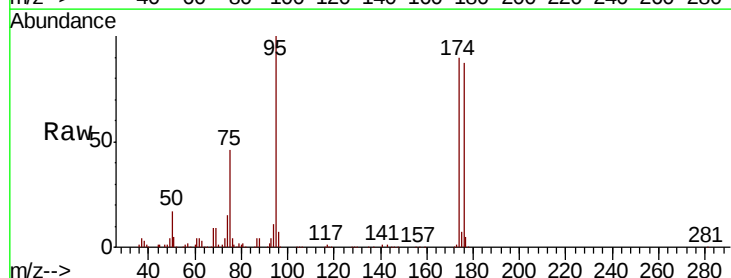
Tgt Ion: 95 Resp: 210756

Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.0

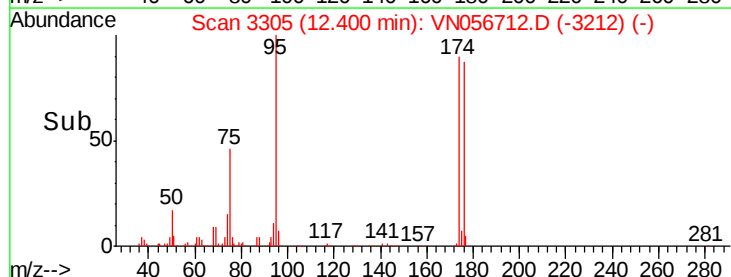
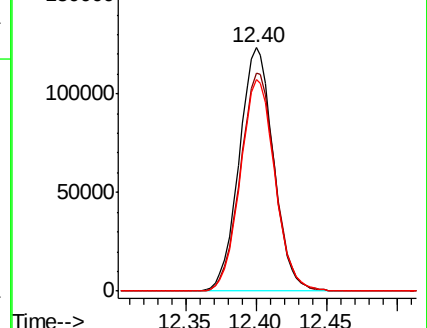
176 87.5 0.0 173.2

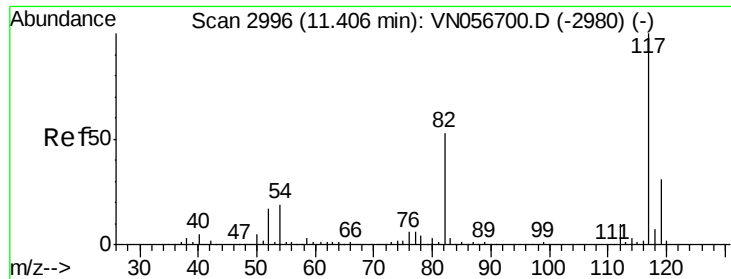


Abundance Ion 94.90 (94.60 to 95.60): VN056712.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN056712.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN056712.D (-3212) (-)

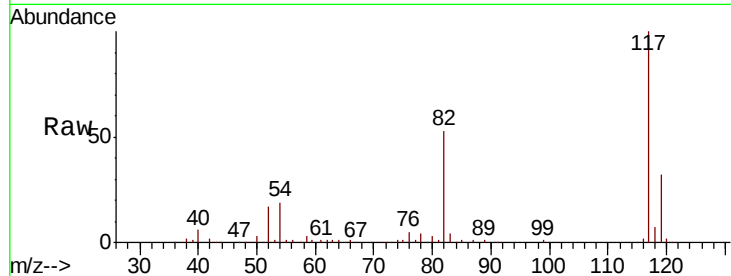




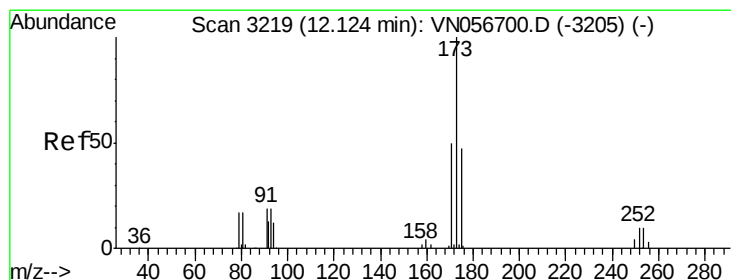
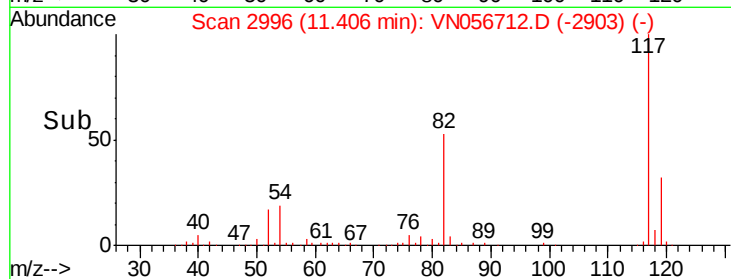
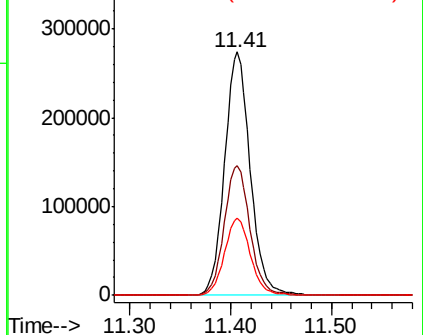
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056712.D
Acq: 15 Jul 2019 15:16

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 486329
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.2
119 31.8 25.2 37.8

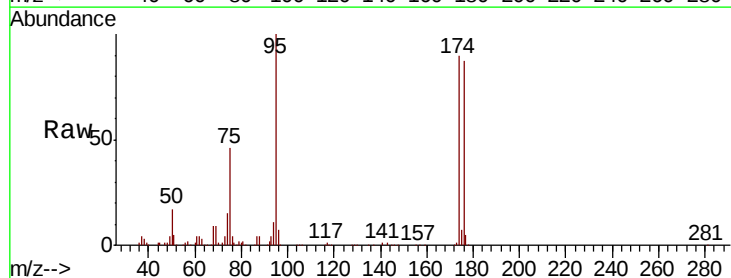


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

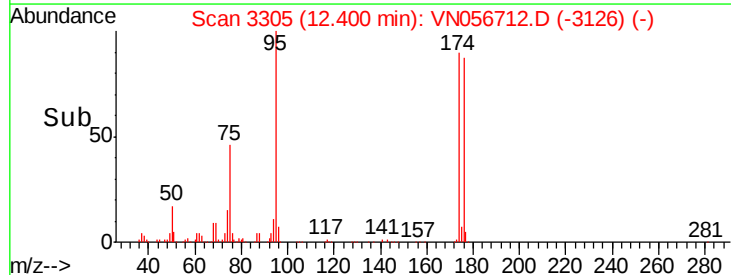
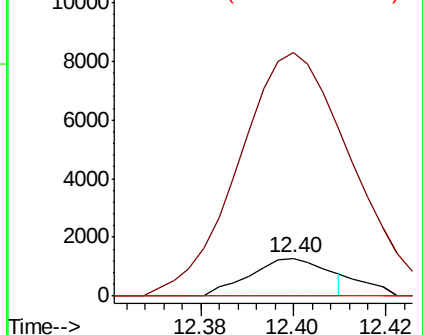


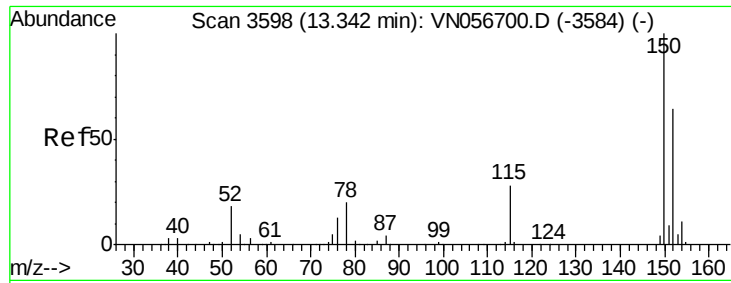
#71
Bromoform
Concen: 0.540 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN056712.D
Acq: 15 Jul 2019 15:16

Tgt Ion:173 Resp: 1504
Ion Ratio Lower Upper
173 100
175 765.2 23.8 71.4#
254 0.0 0.0 0.0



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: VN056712.D

Acq: 15 Jul 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

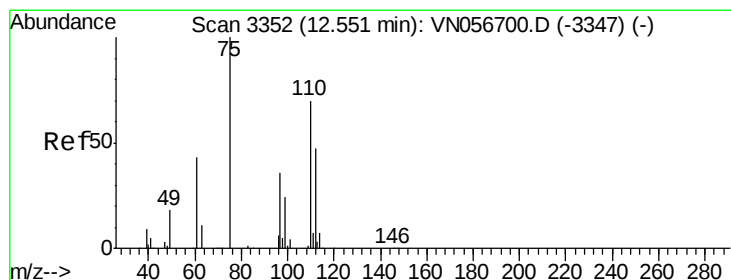
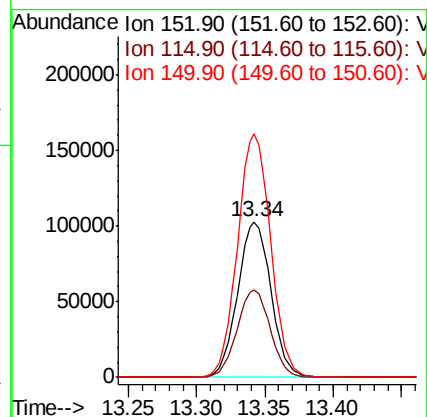
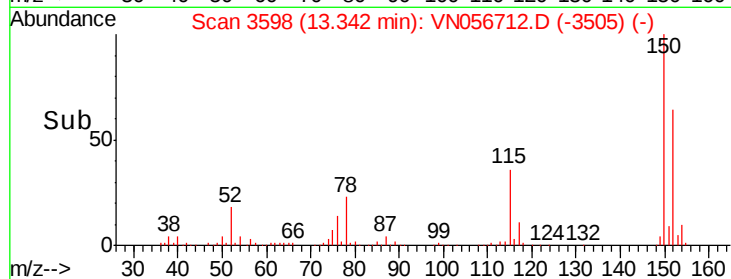
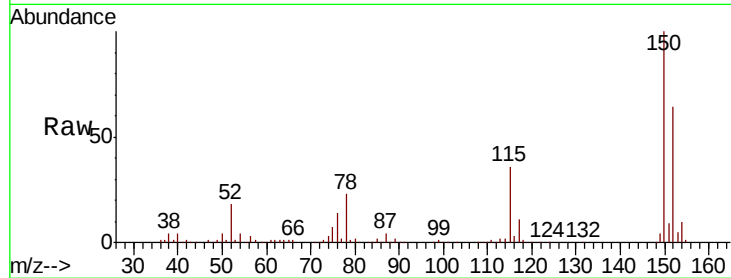
Tot Ion:152 Resp: 173850

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 156.0 0.0 345.8



#76

1,2,3-Trichloropropane

Concen: 25.901 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056712.D

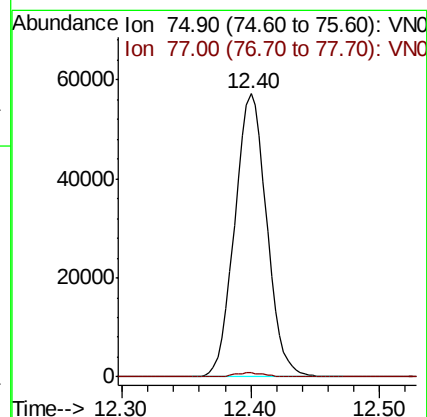
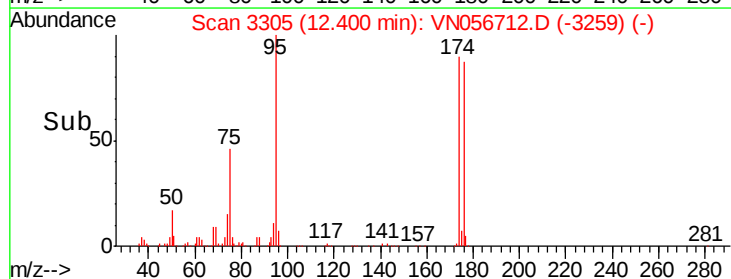
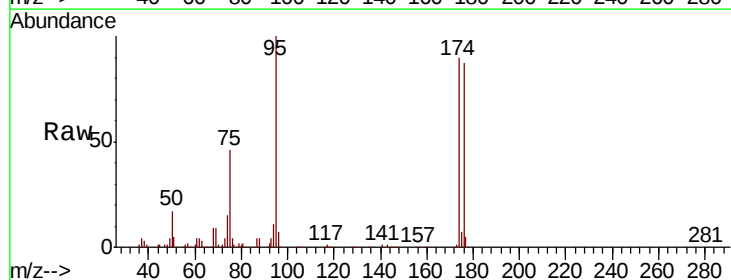
Acq: 15 Jul 2019 15:16

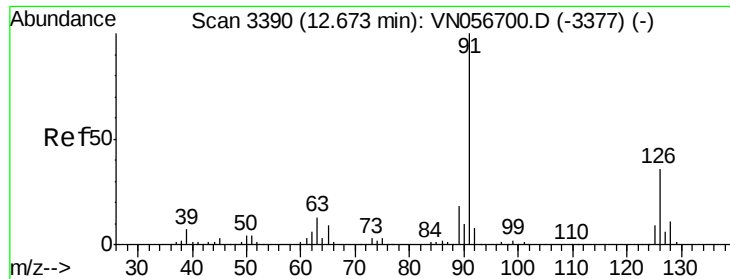
Tgt Ion: 75 Resp: 98485

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

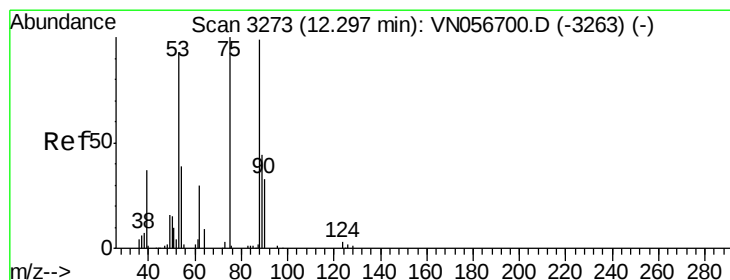
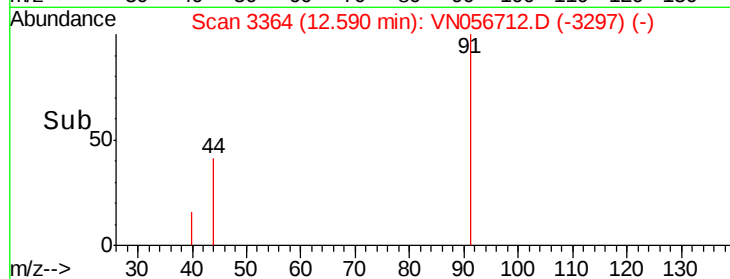
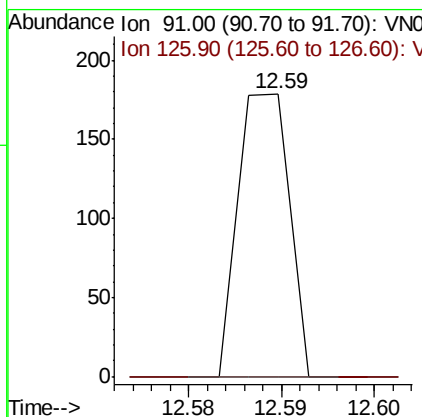
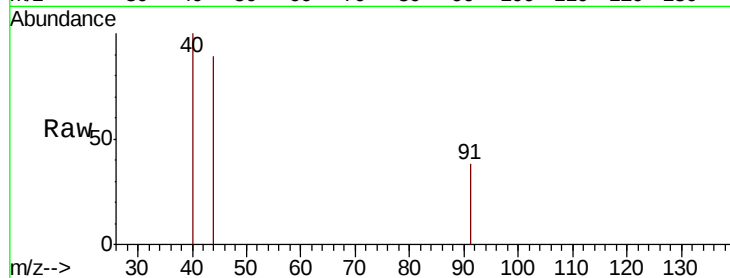




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.59 min Scan# 3364
 Delta R.T. -0.08 min
 Lab File: VN056712.D
 Acq: 15 Jul 2019 15:16

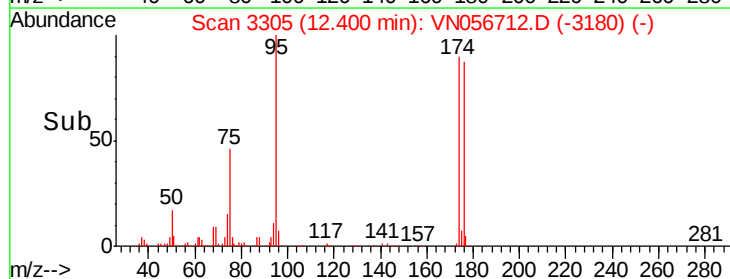
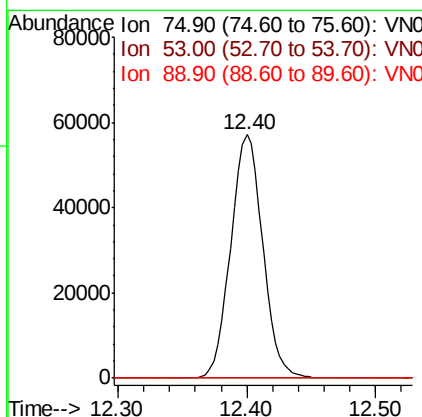
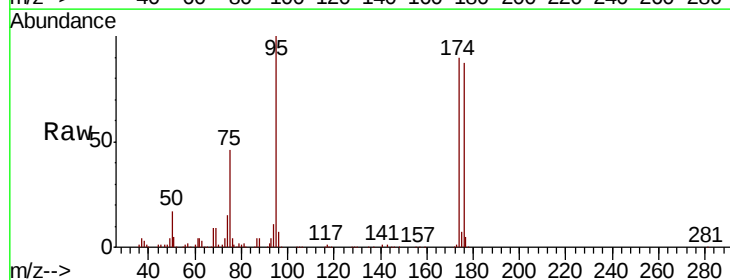
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

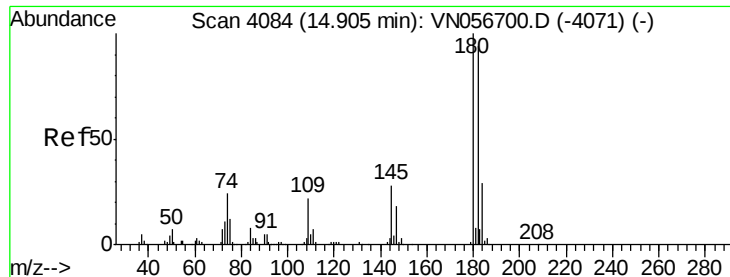
Tot Ion: 91 Resp: 69
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.9 53.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.991 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056712.D
 Acq: 15 Jul 2019 15:16

Tgt Ion: 75 Resp: 98485
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.7 110.5#
 89 0.0 36.2 54.2#

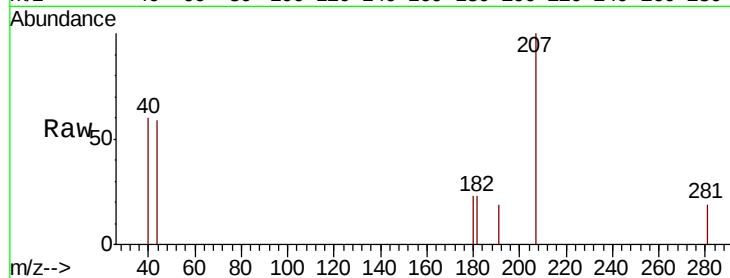




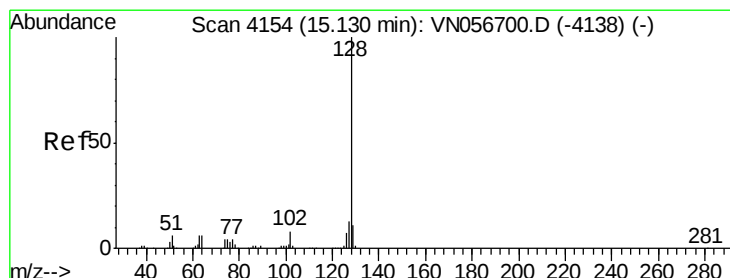
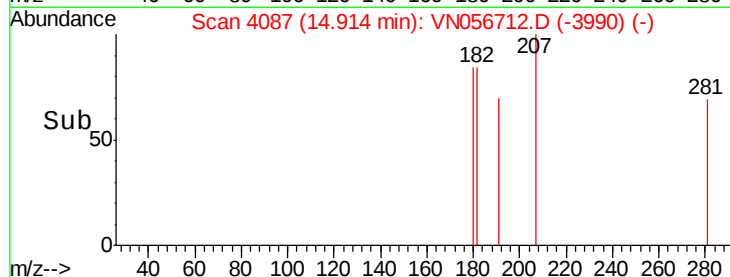
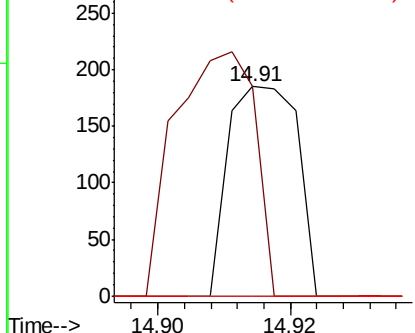
#93
 1,2,4-Trichlorobenzene
 Concen: 3.728 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN056712.D
 Acq: 15 Jul 2019 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tot Ion:180 Resp: 134
 Ion Ratio Lower Upper
 180 100
 182 135.1 47.2 141.6
 145 0.0 14.2 42.8#

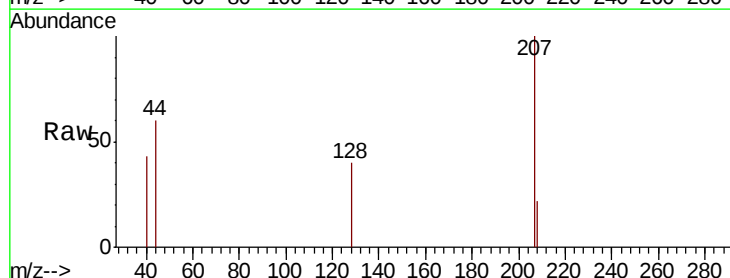


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 4.574 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN056712.D
 Acq: 15 Jul 2019 15:16

Tgt Ion:128 Resp: 499
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.7 13.1#



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

