

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056762.D
 Acq On : 16 Jul 2019 12:40
 Operator : JC/SP
 Sample : K3827-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 UTILITY-ROOM-BATHROOM

Quant Time: Jul 17 01:07:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

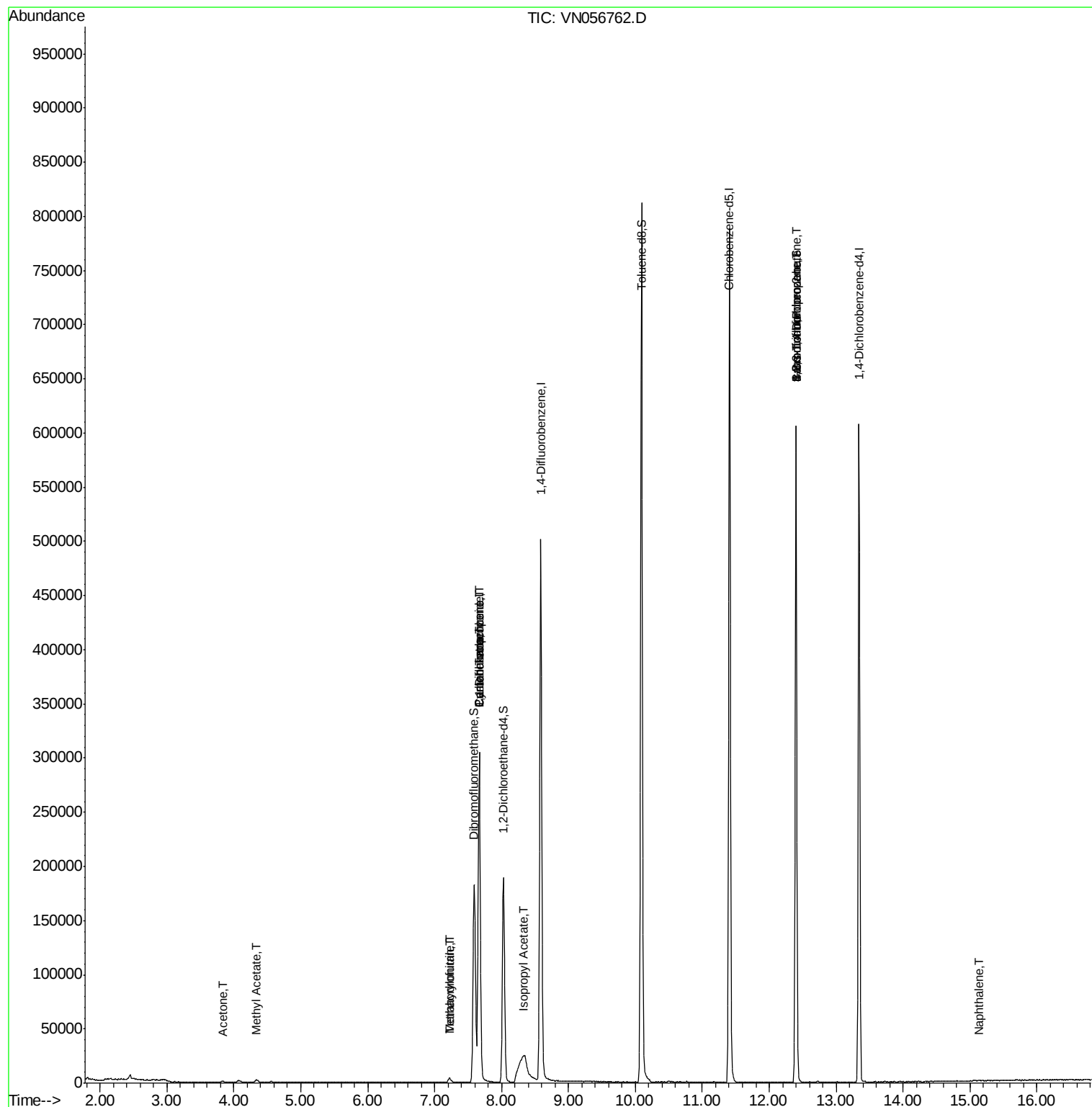
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	271400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	481908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	158053	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.59	113	142705	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	10.09	98	607801	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.40	95	212665	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
Target Compounds						
					Qvalue	
16) Acetone	3.84	43	2596	1.877	ug/l #	88
18) Methyl Acetate	4.34	43	5110	0.684	ug/l #	79
29) Tetrahydrofuran	7.22	42	3609	2.736	ug/l	93
31) Cyclohexane	7.66	56	4515	0.941	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	17919	4.018	ug/l #	48
38) Carbon Tetrachloride	7.67	117	22804	5.453	ug/l #	16
41) Methacrylonitrile	7.22	41	1735	0.899	ug/l #	100
43) Isopropyl Acetate	8.32	43	40909	5.921	ug/l #	54
71) Bromoform	12.40	173	1403	0.489	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	100619	26.208	ug/l #	100
79) 2-Chlorotoluene	12.59	91	30	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	100619	80.938	ug/l #	13
95) Naphthalene	15.13	128	369	4.561	ug/l #	69

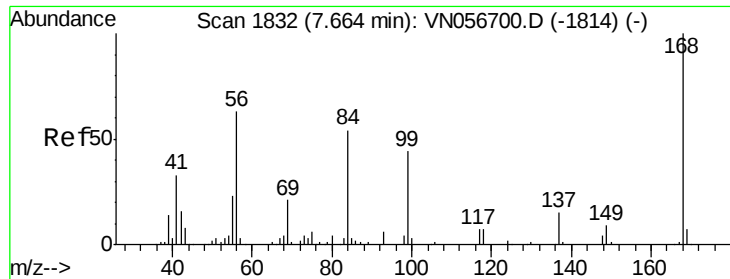
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056762.D

Acq: 16 Jul 2019 12:40

Instrument :

MSVOA_N

ClientSampleId :

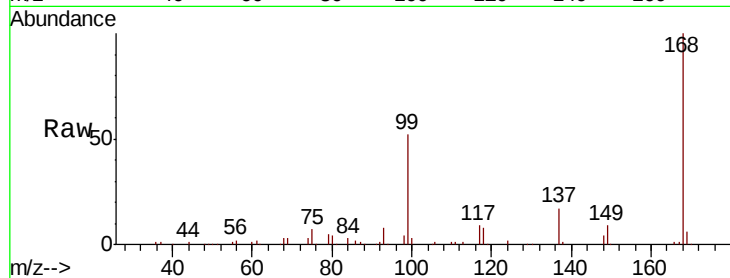
UTILITY-ROOM-BATHROOM

Tot Ion:168 Resp: 271400

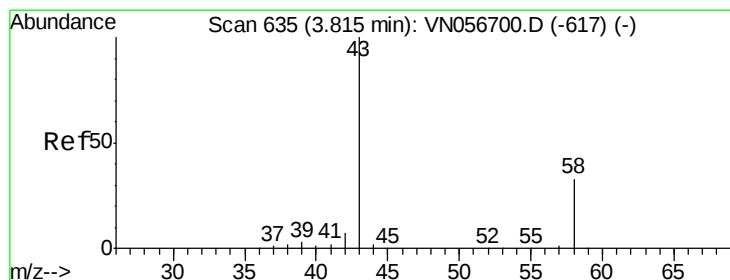
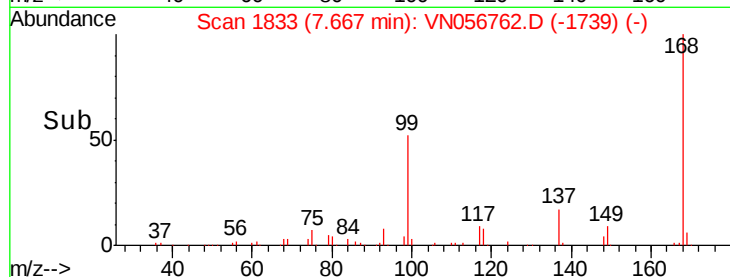
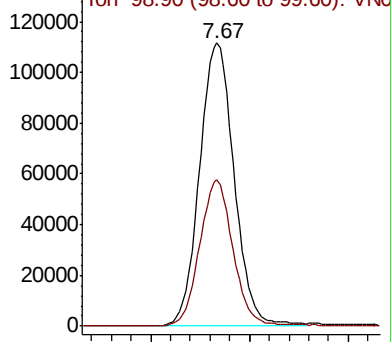
Ion Ratio Lower Upper

168 100

99 51.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056700.D (-1814) (-)



#16

Acetone

Concen: 1.877 ug/l

RT: 3.84 min Scan# 642

Delta R.T. 0.02 min

Lab File: VN056762.D

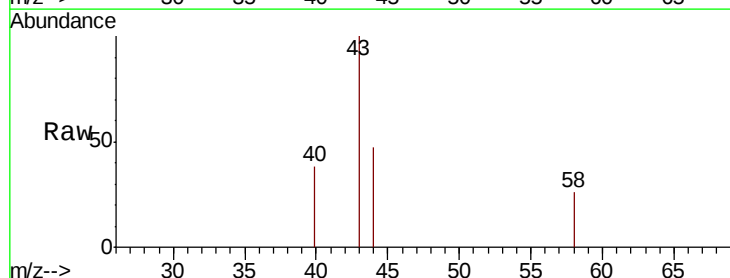
Acq: 16 Jul 2019 12:40

Tgt Ion: 43 Resp: 2596

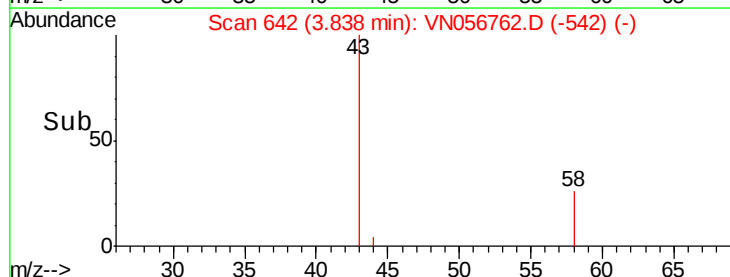
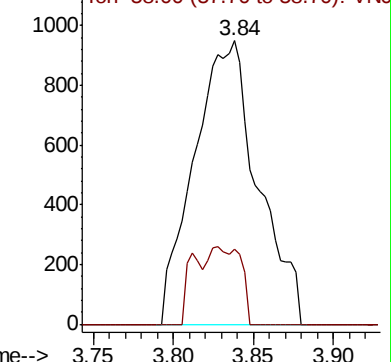
Ion Ratio Lower Upper

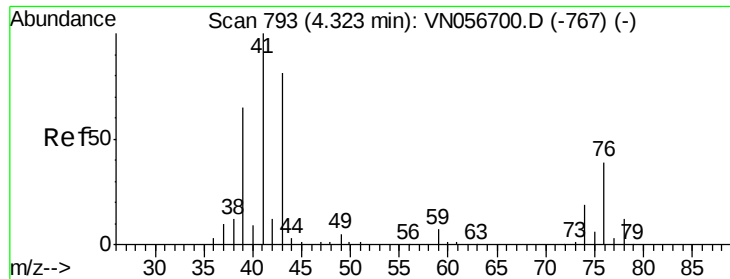
43 100

58 26.4 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-617) (-)

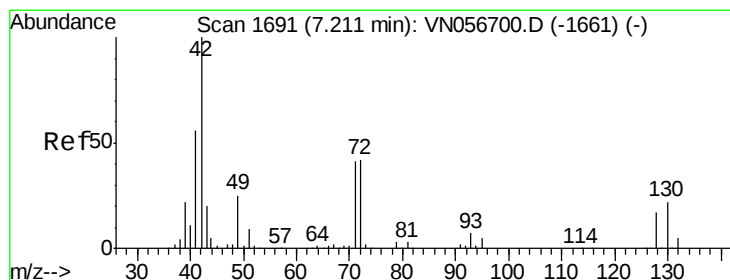
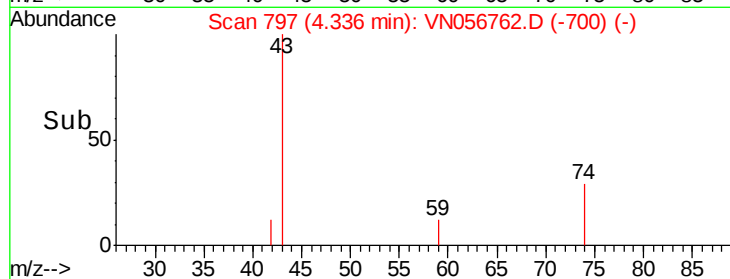
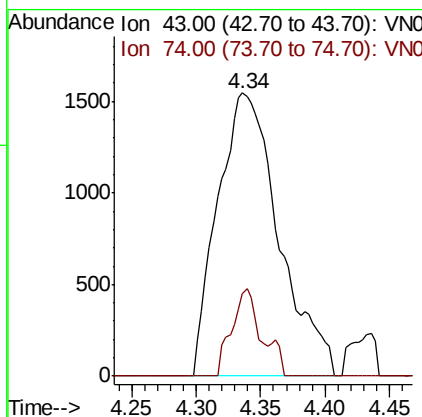
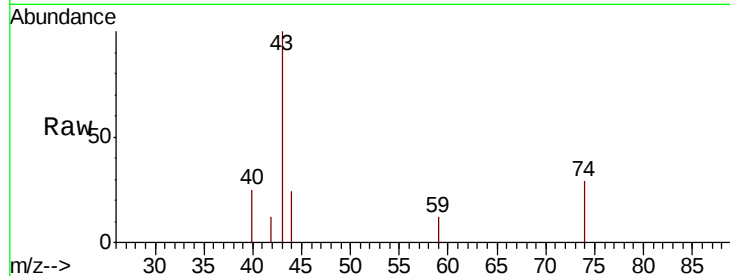




#18
Methyl Acetate
Concen: 0.684 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056762.D
Acq: 16 Jul 2019 12:40

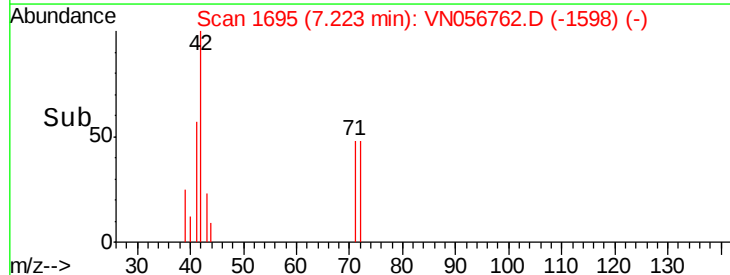
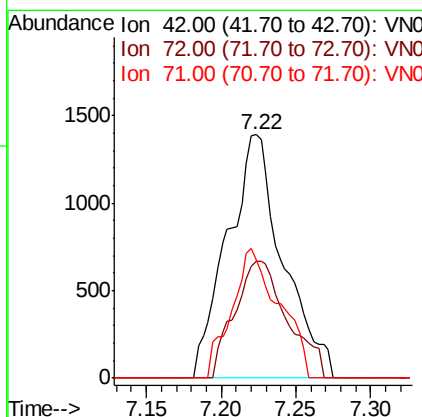
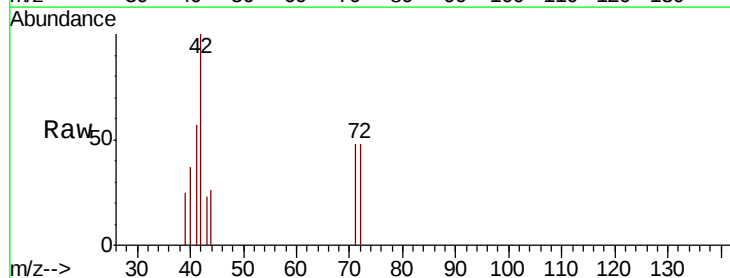
Instrument :
MSVOA_N
ClientSampleId :
UTILITY-ROOM-BATHROOM

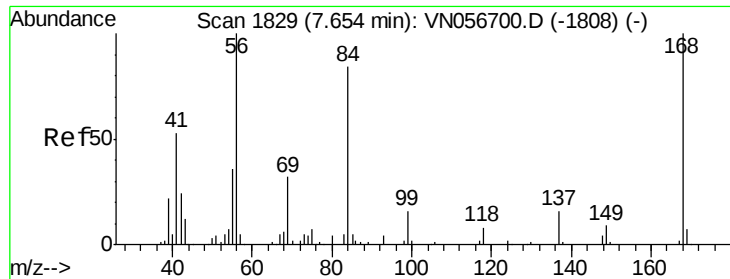
Tot Ion: 43 Resp: 5110
Ion Ratio Lower Upper
43 100
74 13.1 18.9 28.3#



#29
Tetrahydrofuran
Concen: 2.736 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN056762.D
Acq: 16 Jul 2019 12:40

Tgt Ion: 42 Resp: 3609
Ion Ratio Lower Upper
42 100
72 45.7 33.5 50.3
71 45.3 31.8 47.8

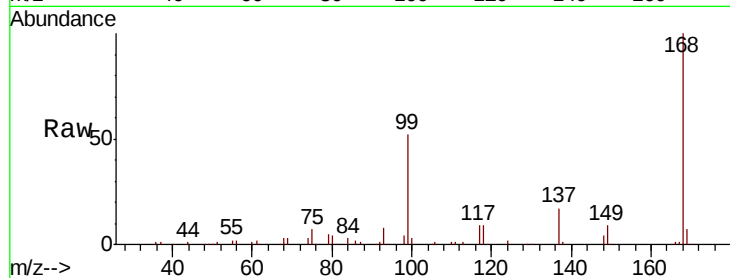




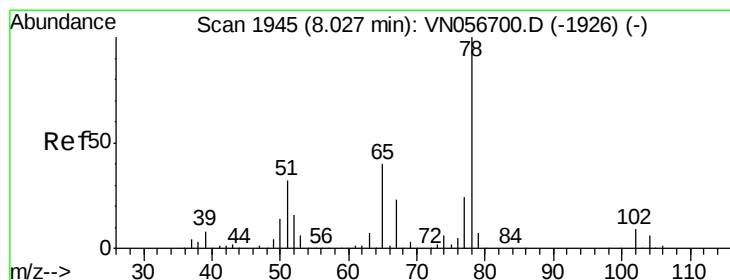
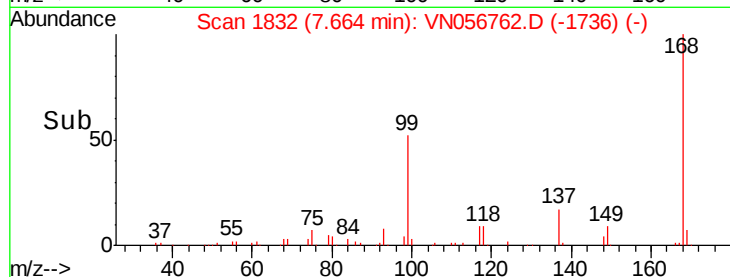
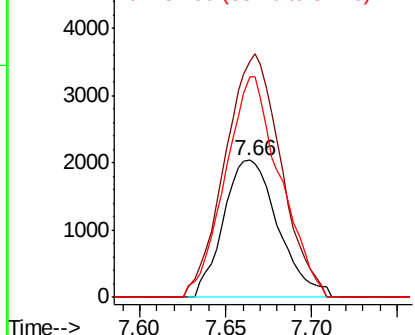
#31
Cyclohexane
Concen: 0.941 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056762.D
Acq: 16 Jul 2019 12:40

Instrument :
MSVOA_N
ClientSampleId :
UTILITY-ROOM-BATHROOM

Tot Ion: 56 Resp: 4515
Ion Ratio Lower Upper
56 100
69 172.0 25.8 38.8#
84 161.5 67.4 101.0#

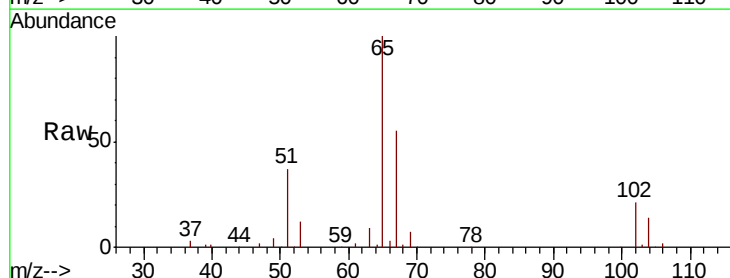


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

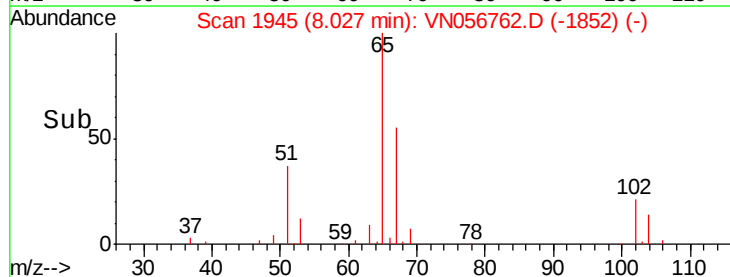
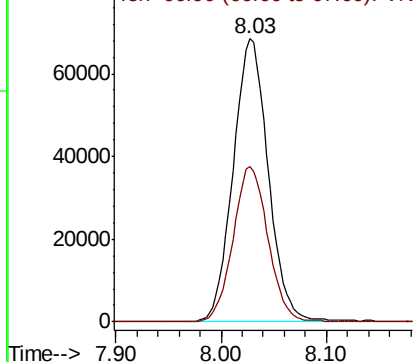


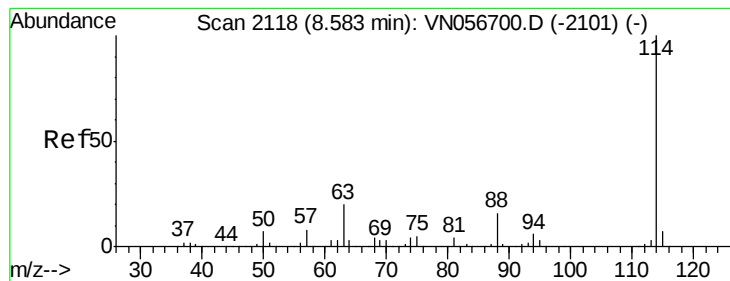
#33
1,2-Dichloroethane-d4
Concen: 52.648 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056762.D
Acq: 16 Jul 2019 12:40

Tgt Ion: 65 Resp: 158053
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.0



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: VN056762.D

Acq: 16 Jul 2019 12:40

Instrument :

MSVOA_N

ClientSampleId :

UTILITY-ROOM-BATHROOM

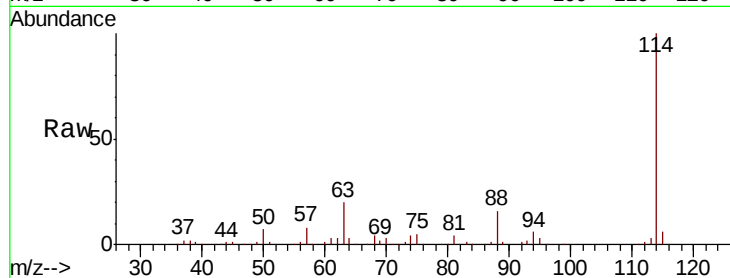
Tot Ion:114 Resp: 481908

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

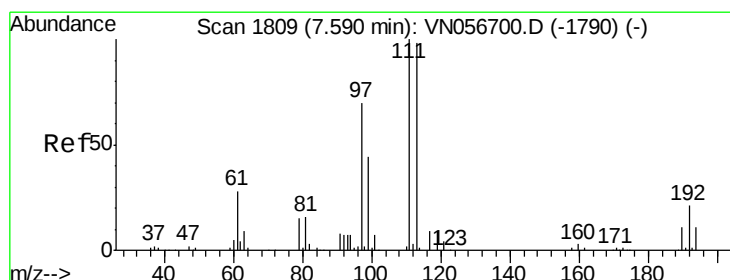
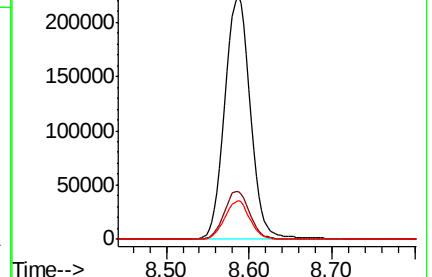
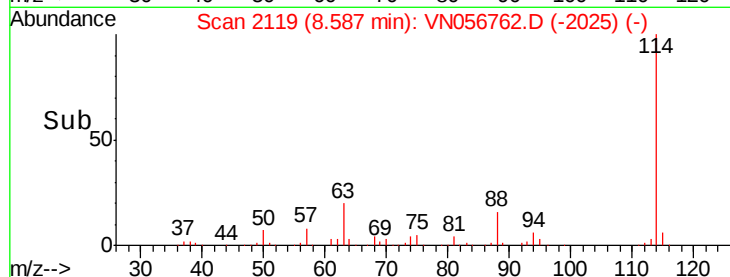
88 15.8 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.584 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056762.D

Acq: 16 Jul 2019 12:40

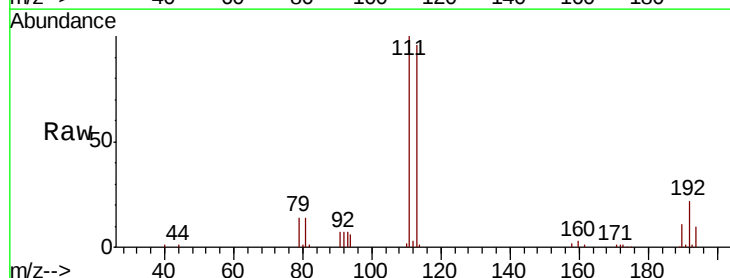
Tgt Ion:113 Resp: 142705

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.6

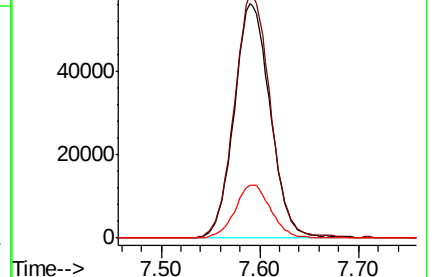
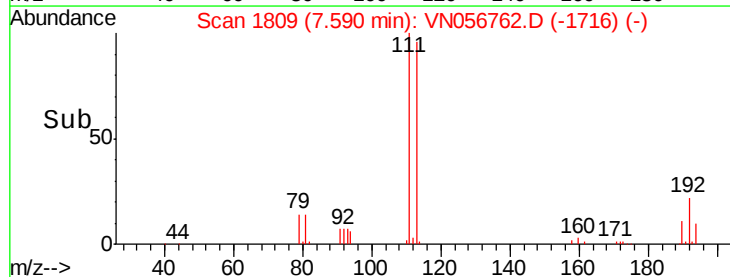
192 22.3 17.5 26.3

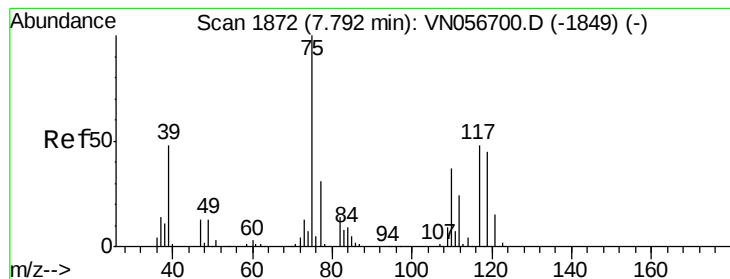


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.018 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN056762.D

Acq: 16 Jul 2019 12:40

Instrument :

MSVOA_N

ClientSampleId :

UTILITY-ROOM-BATHROOM

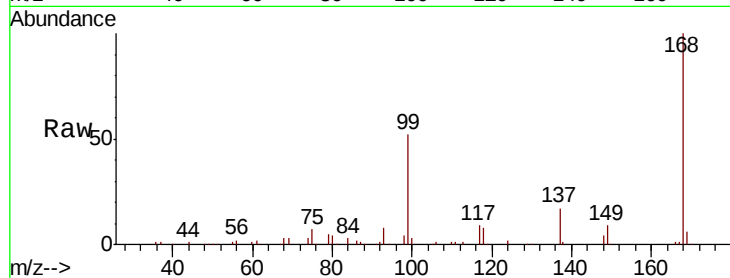
Tot Ion: 75 Resp: 17919

Ion Ratio Lower Upper

75 100

110 8.5 18.4 55.4#

77 0.0 24.6 36.8#



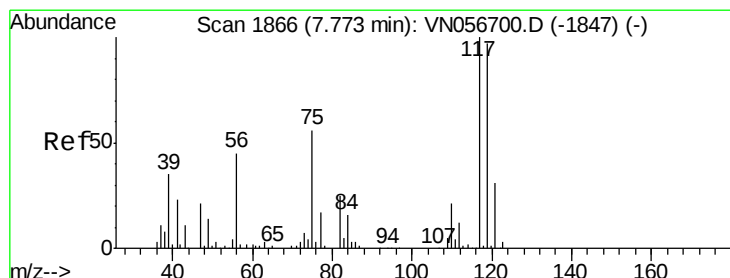
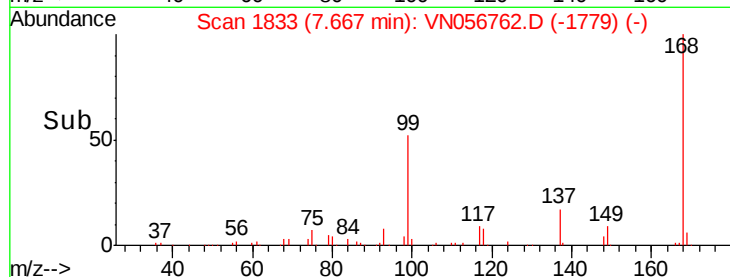
Abundance Ion 74.90 (74.60 to 75.60): VN056700.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN056700.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN056700.D (-1849) (-)

7.67

Time-->



#38

Carbon Tetrachloride

Concen: 5.453 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN056762.D

Acq: 16 Jul 2019 12:40

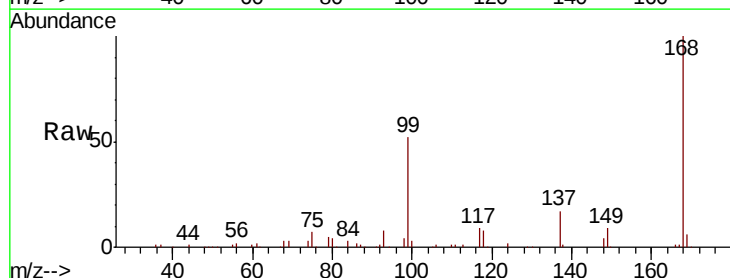
Tgt Ion: 117 Resp: 22804

Ion Ratio Lower Upper

117 100

119 5.3 77.5 116.3#

121 0.0 24.7 37.1#



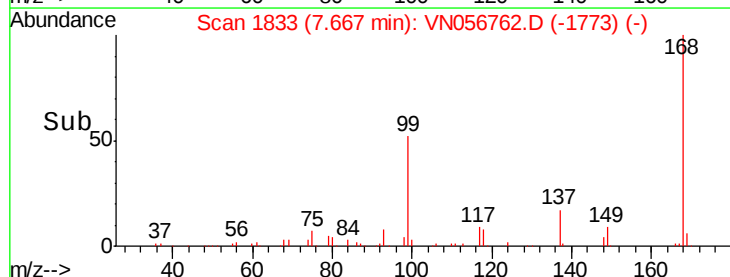
Abundance Ion 116.80 (116.50 to 117.50): VN056700.D (-1847) (-)

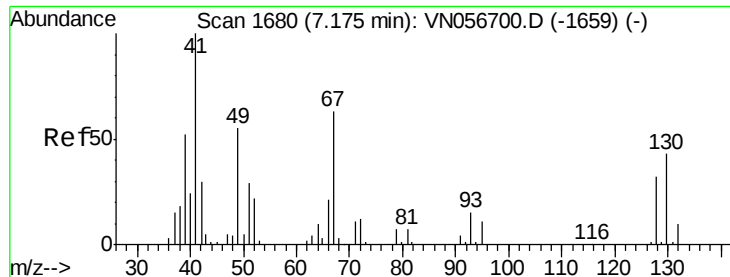
Ion 118.80 (118.50 to 119.50): VN056700.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN056700.D (-1847) (-)

7.67

Time-->





#41

Methacrylonitrile

Concen: 0.899 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.05 min

Lab File: VN056762.D

Acq: 16 Jul 2019 12:40

Instrument :

MSVOA_N

ClientSampleId :

UTILITY-ROOM-BATHROOM

Tot Ion: 41 Resp: 1735

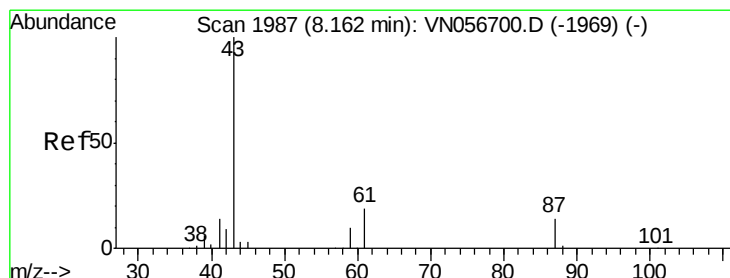
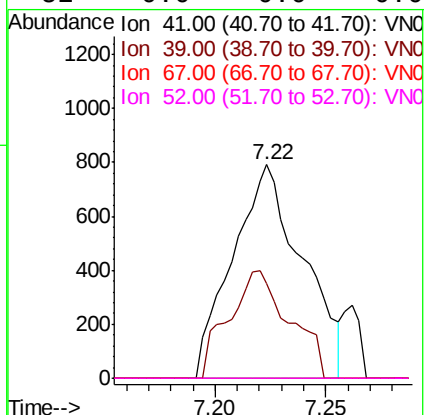
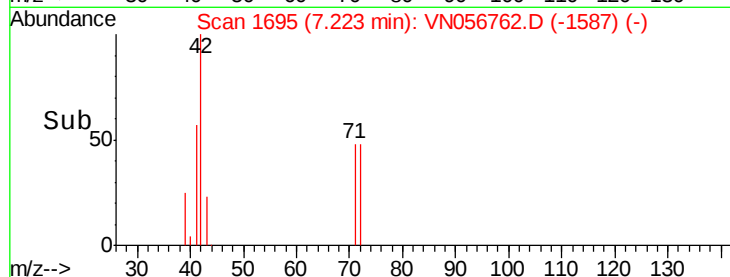
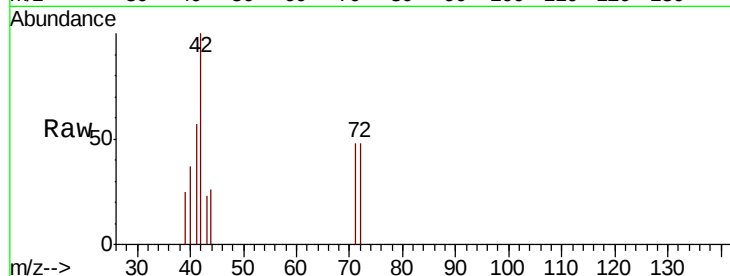
Ion Ratio Lower Upper

41 100

39 44.1 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



#43

Isopropyl Acetate

Concen: 5.921 ug/l

RT: 8.32 min Scan# 2035

Delta R.T. 0.15 min

Lab File: VN056762.D

Acq: 16 Jul 2019 12:40

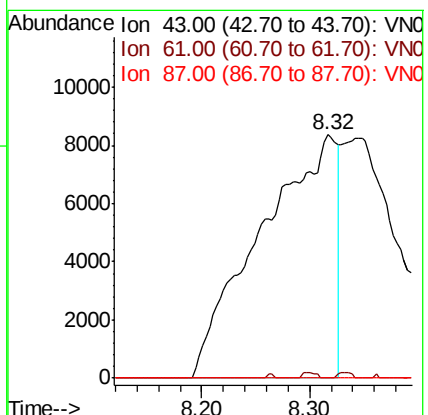
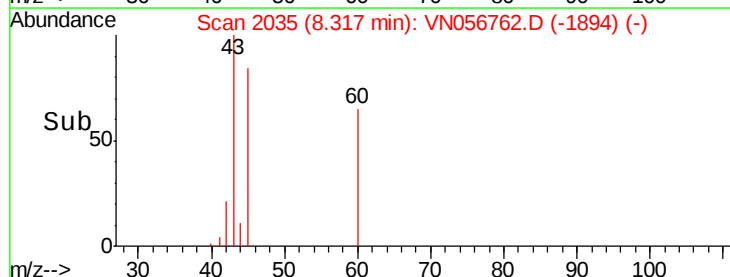
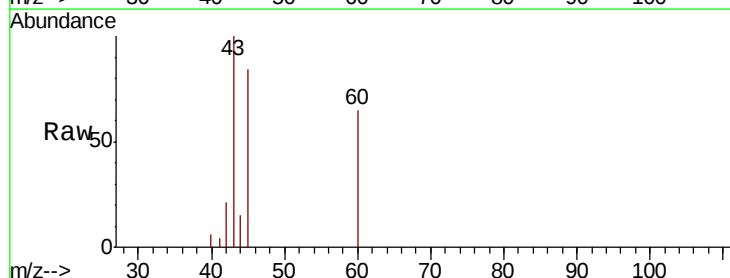
Tgt Ion: 43 Resp: 40909

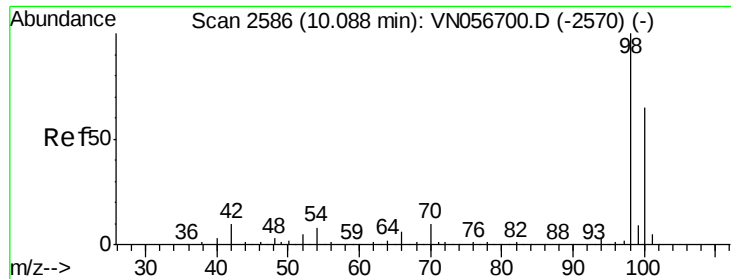
Ion Ratio Lower Upper

43 100

61 0.4 22.3 33.5#

87 0.0 11.1 16.7#





#50

Toluene-d8

Concen: 52.474 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056762.D

Acq: 16 Jul 2019 12:40

Instrument :

MSVOA_N

ClientSampleId :

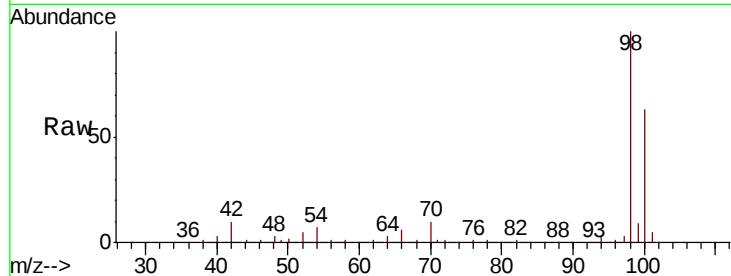
UTILITY-ROOM-BATHROOM

Tot Ion: 98 Resp: 607801

Ion Ratio Lower Upper

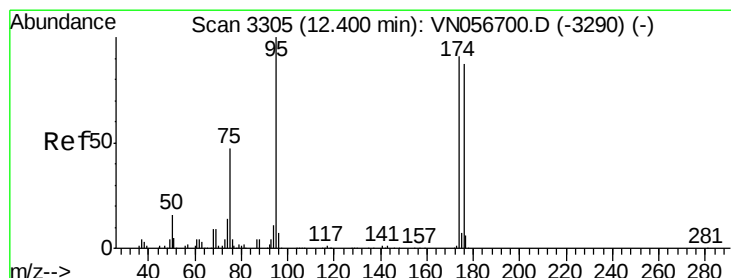
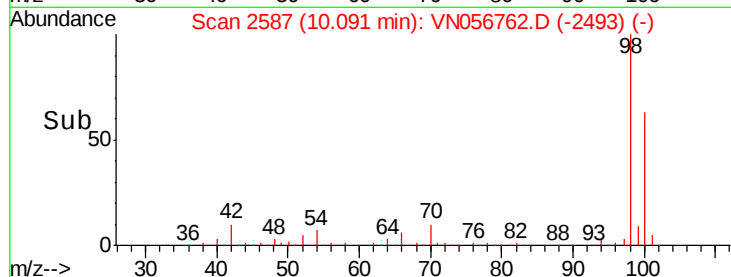
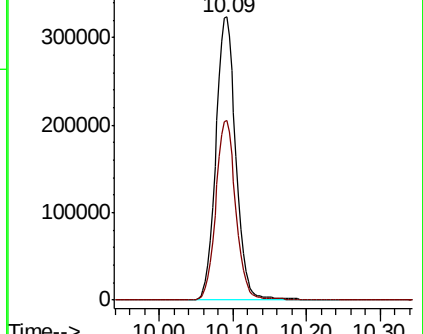
98 100

100 63.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 54.444 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056762.D

Acq: 16 Jul 2019 12:40

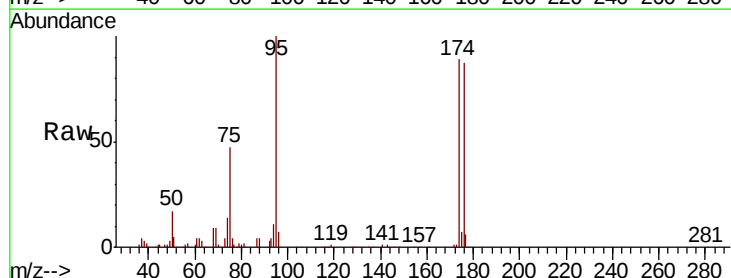
Tgt Ion: 95 Resp: 212665

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.0

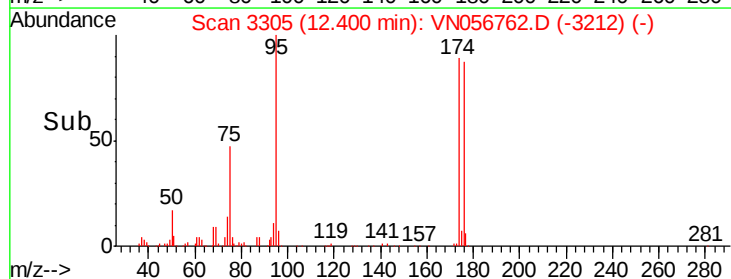
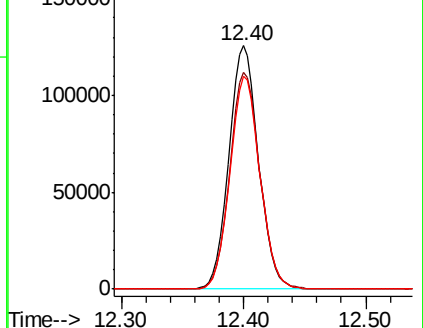
176 88.4 0.0 173.2

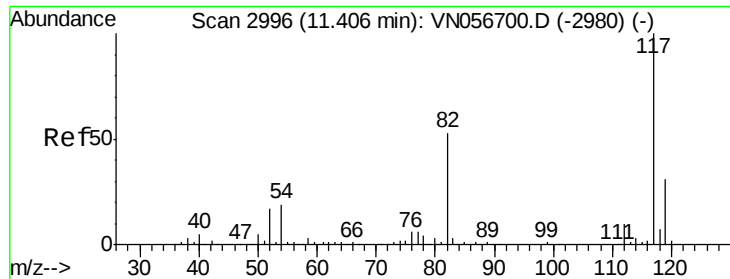


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

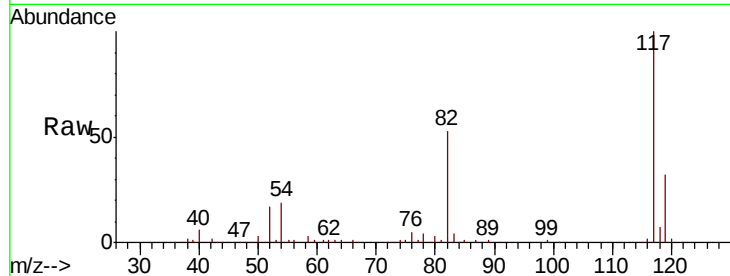




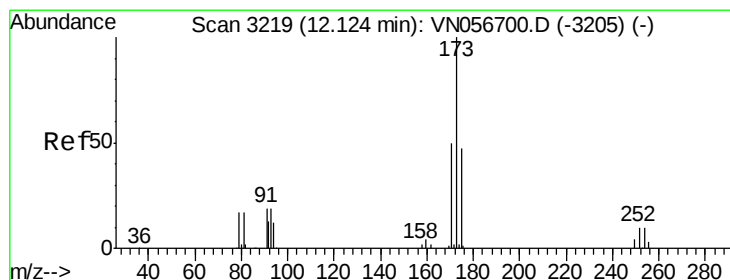
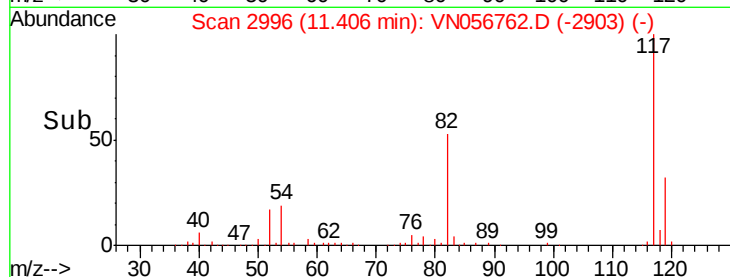
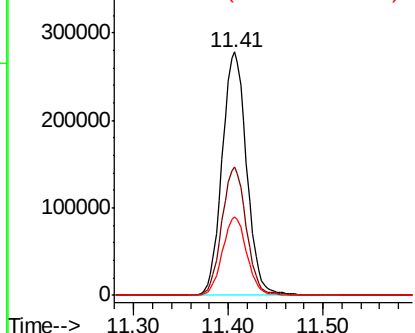
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056762.D
Acq: 16 Jul 2019 12:40

Instrument :
MSVOA_N
ClientSampleId :
UTILITY-ROOM-BATHROOM

Tot Ion:117 Resp: 501243
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 32.5 25.2 37.8

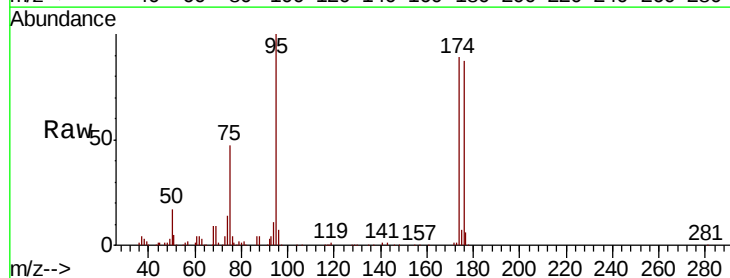


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

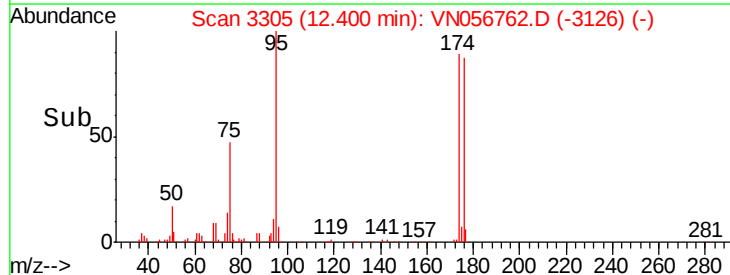
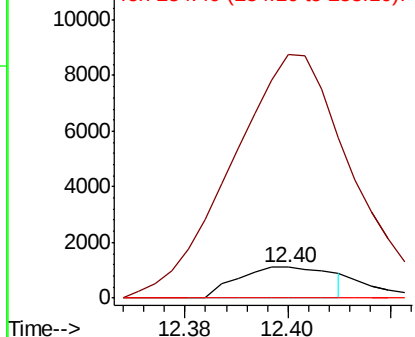


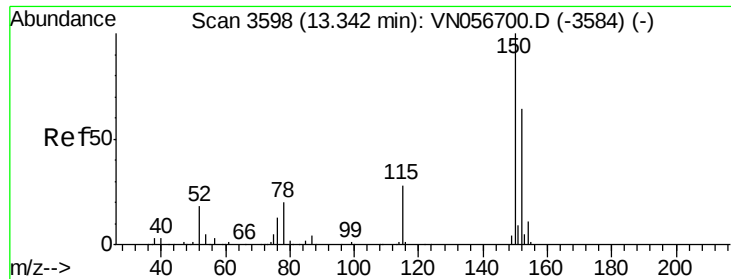
#71
Bromoform
Concen: 0.489 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN056762.D
Acq: 16 Jul 2019 12:40

Tgt Ion:173 Resp: 1403
Ion Ratio Lower Upper
173 100
175 840.0 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: VN056762.D

Acq: 16 Jul 2019 12:40

Instrument :

MSVOA_N

ClientSampleId :

UTILITY-ROOM-BATHROOM

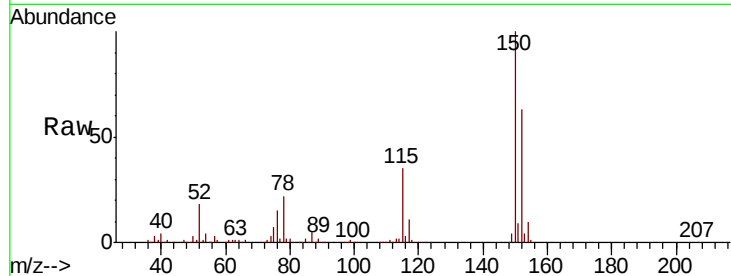
Tot Ion:152 Resp: 175538

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

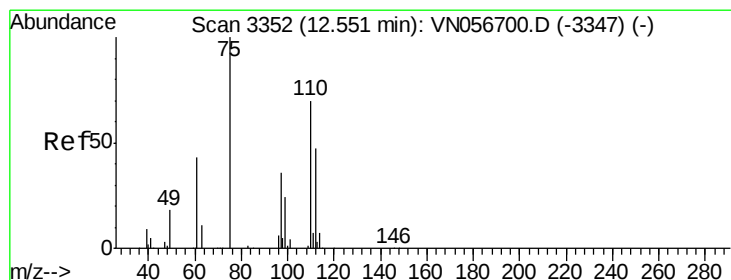
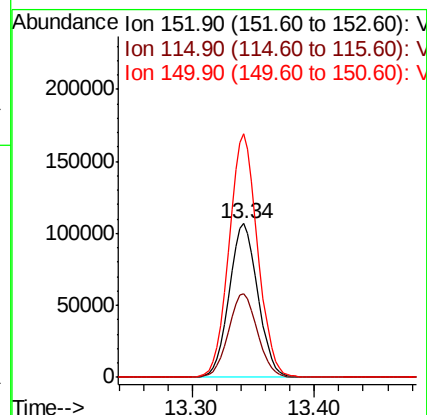
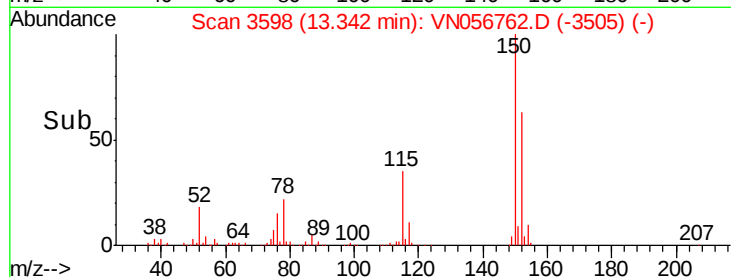
150 157.8 0.0 345.8



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



#76

1,2,3-Trichloropropane

Concen: 26.208 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056762.D

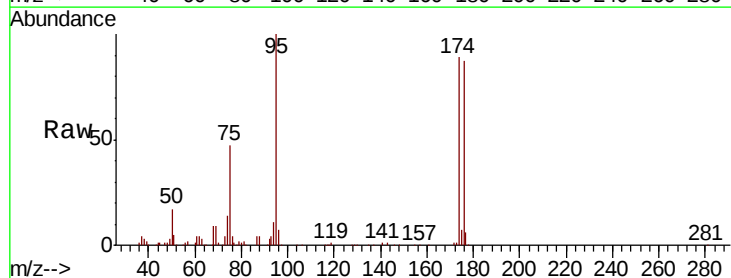
Acq: 16 Jul 2019 12:40

Tgt Ion: 75 Resp: 100619

Ion Ratio Lower Upper

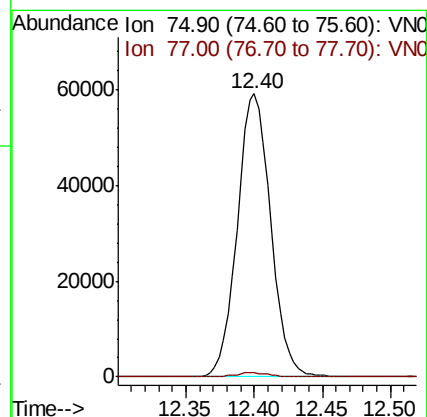
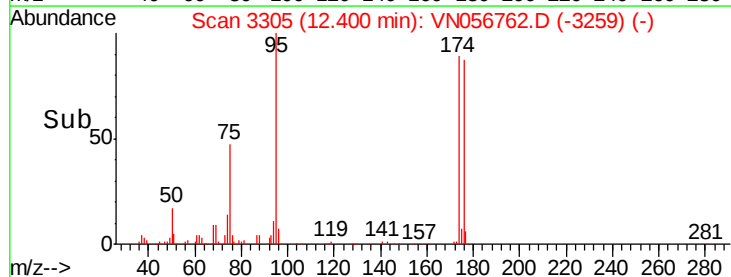
75 100

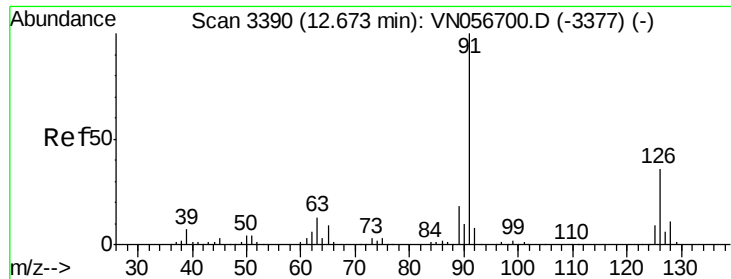
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

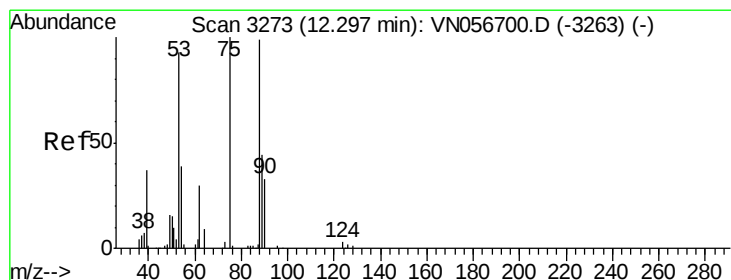
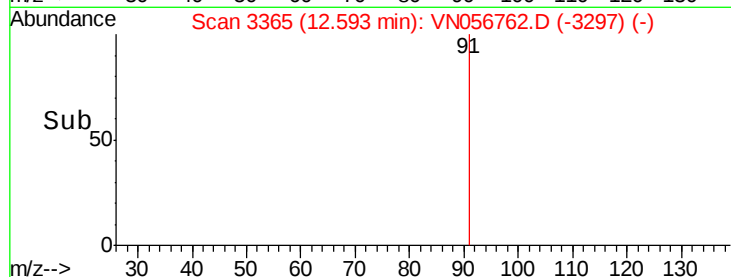
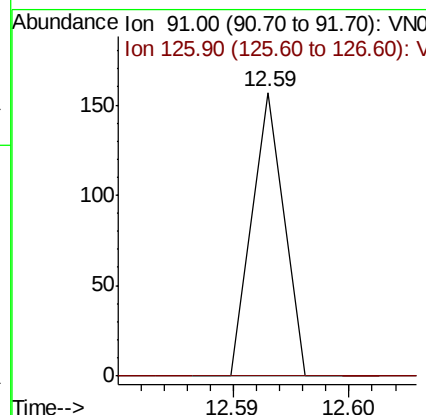
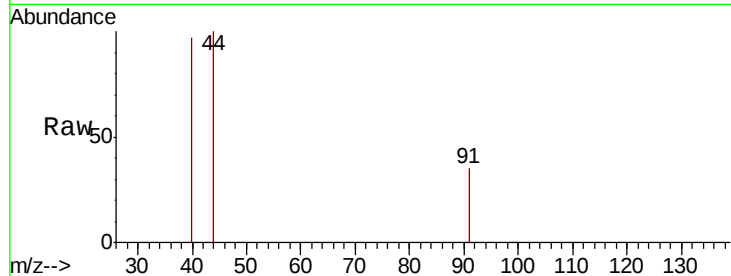




#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.59 min Scan# 3365
Delta R.T. -0.08 min
Lab File: VN056762.D
Acq: 16 Jul 2019 12:40

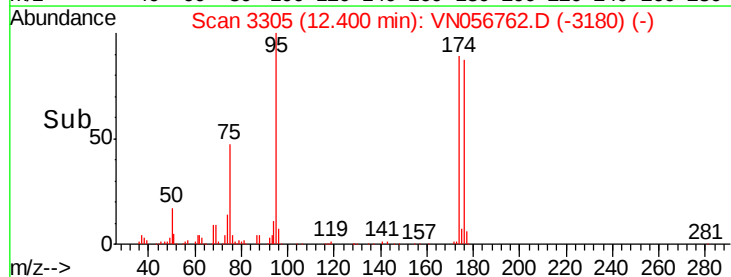
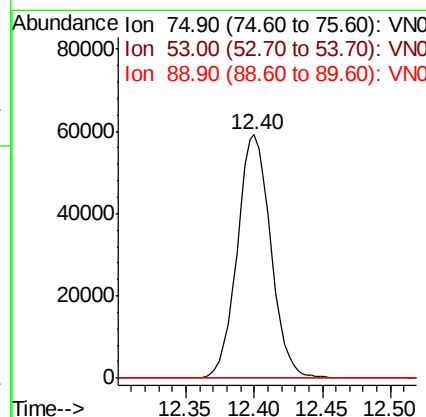
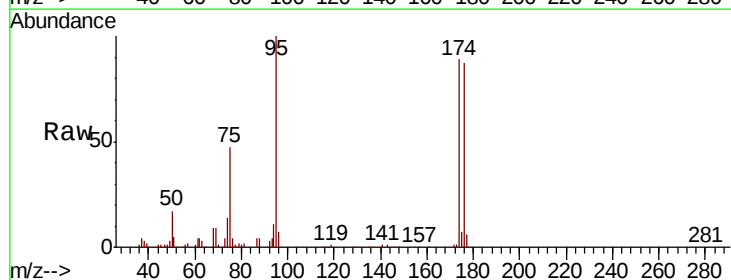
Instrument :
MSVOA_N
ClientSampleId :
UTILITY-ROOM-BATHROOM

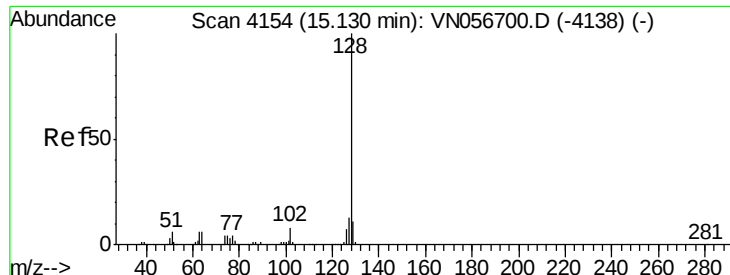
Tot Ion: 91 Resp: 30
Ion Ratio Lower Upper
91 100
126 0.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.938 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056762.D
Acq: 16 Jul 2019 12:40

Tgt Ion: 75 Resp: 100619
Ion Ratio Lower Upper
75 100
53 0.0 73.7 110.5#
89 0.0 36.2 54.2#





#95

Naphthalene

Concen: 4.561 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056762.D

Acq: 16 Jul 2019 12:40

Instrument :

MSVOA_N

ClientSampleId :

UTILITY-ROOM-BATHROOM

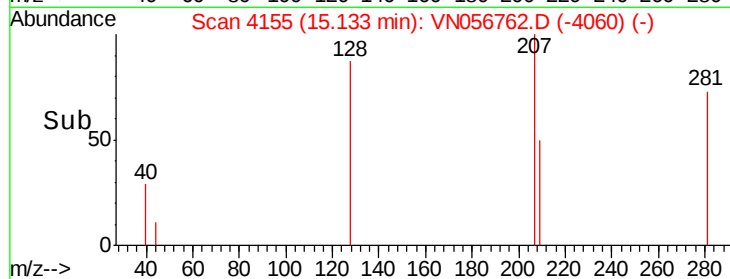
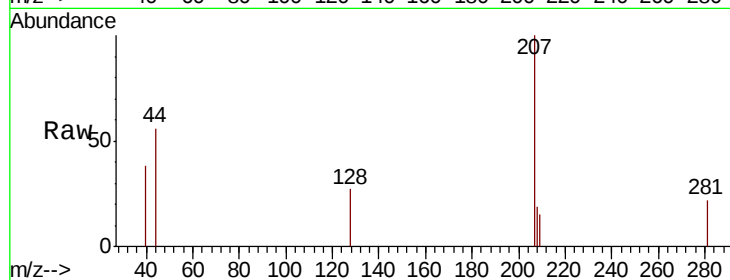
Tot Ion:128 Resp: 369

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

